

Aireco®

HVAC/R SYSTEMS | COMPONENTS | SUPPLIES

2019 Product Catalog

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A leading HVAC/R wholesaler serving Maryland, Washington D.C., Virginia, and Delaware for over 65 years.

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After Hours Emergency Number:

(800) 277 - 6768

REFRIGERATION EQUIPMENT

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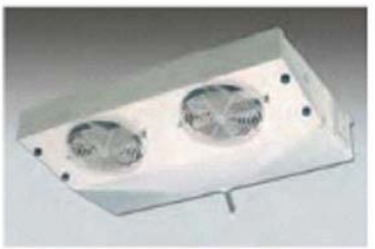
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REFRIGERATION EQUIPMENT

REACH-IN UNIT COOLER

KMK LINE, AIR DEFROST



Designed for small reach-in coolers, back bars, and beverage coolers where space is at a premium. Lightweight cabinet made of smooth aluminum and corrosion-proof hardware featuring a generously sized coil. Low velocity rear air discharge minimizes product dehydration and reduces door sweating.

- All KMK coils have protective coating
- Height: 4 1/2"
- Inlet connection female flare
- Capacity: Evaporator temperature at 10°F T.D.

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Data		Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
				Qty.	FLA	H	W	L	Inlet	Suction		
KMK100	1000	115/1/60	160	1	0.69	4-1/2	14-1/2	16-1/2	1/2	3/8	13	585.00
KMK100/230V	1000	208-230/1/60	160	1	0.345	4-1/2	14-1/2	16-1/2	1/2	3/8	13	Call
KMK130	1300	115/1/60	190	2	1.38	4-1/2	14-1/2	19-1/4	1/2	3/8	15	638.00
KMK130/230V	1300	208-230/1/60	190	2	0.69	4-1/2	14-1/2	19-1/4	1/2	3/8	15	Call
KMK170	1700	115/1/60	230	2	1.38	4-1/2	15-1/2	24	1/2	1/2	18	746.00
KMK170/230V	1700	208-230/1/60	230	2	0.69	4-1/2	15-1/2	24	1/2	1/2	18	Call
KMK230	2300	115/1/60	340	3	2.07	4-1/2	15-1/2	31-1/2	1/2	1/2	27	951.00
KMK230/230V	2300	208-230/1/60	340	3	1.04	4-1/2	15-1/2	31-1/2	1/2	1/2	27	Call
KMK300	3000	115/1/60	440	4	2.76	4-1/2	15-1/2	40	1/2	1/2	32	1180.00
KMK300/230V	3000	208-230/1/60	440	4	1.38	4-1/2	15-1/2	40	1/2	1/2	32	Call

TMK LINE, ELECTRIC DEFROST



Designed for small reach-in coolers, back bars, and beverage coolers where space is at a premium. Lightweight cabinet made of smooth aluminum and corrosion-proof hardware featuring a generously sized coil. Low velocity rear air discharge minimizes product dehydration and reduces door sweating.

- All KMK coils have protective coating
- Height: 4 1/2"
- Inlet connection female flare
- Capacity: Evaporator temperature at 10°F T.D.

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Data		Heater Amps	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
				Qty.	FLA		H	W	L	Suction	Inlet		
TMK90	900	115/1/60	160	1	0.693	4.13	4-1/2	14-1/2	16-1/2	3/8	1/2	14	Call
TMK90/230V	900	208-230/1/60	160	1	0.345	2.1	4-1/2	14-1/2	16-1/2	3/8	1/2	14	Call
TMK120	1200	115/1/60	190	2	1.38	5.2	4-1/2	14-1/2	19-1/4	3/8	1/2	16	Call
TMK120/230V	1200	208-230/1/60	190	2	0.69	2.6	4-1/2	14-1/2	19-1/4	3/8	1/2	16	Call
TMK160	1600	115/1/60	230	2	1.38	6.5	4-1/2		24	1/2	1/2	19	Call
TMK160/230V	1600	208-230/1/60	230	2	0.69	3.25	4-1/2	15-1/2	24	1/2	1/2	19	Call

REFRIGERATION EQUIPMENT

REACH-IN UNIT COOLER

KTL LINE



Reach-in and walk-in cooler flexibility is provided with this flush ceiling mounted unit cooler. Designed with dual refrigeration coils and two-way air distribution. This effectively reduces air velocities and minimizes product dehydration. Units feature cleanable textured aluminum cabinets with stainless steel and nylon fasteners, corrosion resistant fan guards and permanently lubricated fan motors.

- Flare inlet connection for units KTL025 and smaller
- Dual refrigeration coils and two-way air distribution
- Low profile maximizes usable storage space
- Compact, cleanable & durable textured aluminum cabinet
- Stainless steel fasteners
- Optional factory mounted accessories
- Optional fin materials available
- Optional coil coating available
- Optional painted cabinet
- Voltages available for 60Hz or 50Hz

KTL LINE, AIR DEFROST

Capacity rated @ 20°F at 10°F T.D.
Available in nine sizes from 950 to 11,500 BTUH.

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Data			Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
				Qty.	FLA	MCA	H	W	L	Suction	Inlet		
KTL010MAS1A	950	115/1/60	130	1	1.2	1.5	4-1/2	18-7/8	14-1/8	3/8	1/2	12	Call
KTL010MAS2A	950	208-230/1/60	130	1	0.7	0.9	4-1/2	18-7/8	14-1/8	3/8	1/2	12	Call
KTL015MAS1A	1450	115/1/60	180	1	1.2	1.5	4-1/2	18-7/8	14-1/8	3/8	1/2	13	Call
KTL015MAS2A	1450	208-230/1/60	180	1	0.7	0.9	4-1/2	18-7/8	14-1/8	3/8	1/2	13	Call
KTL020MAS1A	2000	115/1/60	237	1	1.2	1.5	5-1/2	18-7/8	14-1/8	3/8	1/2	14	Call
KTL020MAS2A	2000	208-230/1/60	237	1	0.7	0.9	5-1/2	18-7/8	14-1/8	3/8	1/2	14	Call
KTL025MAS1A	2500	115/1/60	270	1	1.2	1.5	5-1/2	18-7/8	14-1/8	3/8	1/2	15	Call
KTL025MAS2A	2500	208-230/1/60	270	1	0.7	0.9	5-1/2	18-7/8	14-1/8	3/8	1/2	15	Call
KTL032MAS1A	3200	115/1/60	440	1	1.2	1.5	5-1/2	21-7/8	19-1/8	3/8	1/2	19	Call
KTL032MAS2A	3200	208-230/1/60	440	1	0.7	0.9	5-1/2	21-7/8	19-1/8	3/8	1/2	19	Call
KTL038MAS1A	3800	115/1/60	440	1	1.2	1.5	5-1/2	21-7/8	19-1/8	3/8	1/2	20	Call
KTL038MAS2A	3800	208-230/1/60	440	1	0.7	0.9	5-1/2	21-7/8	19-1/8	3/8	1/2	20	Call
KTL060MAS1A	6000	115/1/60	928	2	2.4	2.7	7-5/8	23-3/4	42-3/4	1/2	1/2	38	Call
KTL060MAS2A	6000	208-230/1/60	928	2	1.4	1.6	7-5/8	23-3/4	42-3/4	1/2	1/2	38	Call
KTL077MAS1A	7700	115/1/60	807	2	2.4	2.7	7-5/8	23-3/4	42-3/4	5/8	1/2	40	Call
KTL077MAS2A	7700	208-230/1/60	807	2	1.4	1.6	7-5/8	23-3/4	42-3/4	5/8	1/2	40	Call
KTL115MAS1A	11500	115/1/60	1242	3	3.6	3.9	7-5/8	23-3/4	59-1/2	5/8	1/2	60	Call
KTL115MAS2A	11500	208-230/1/60	1242	3	2.1	2.3	7-5/8	23-3/4	59-1/2	5/8	1/2	60	Call

REFRIGERATION EQUIPMENT

REACH-IN UNIT COOLER

KTL LINE, MED TEMP, ELECTRIC DEFROST

Capacity rated @ 20°F at 10°F T.D.
Available in nine sizes from 950 to 11,500 BTUH.

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Data			Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
				Qty.	FLA	MCA	H	W	L	Suction	Inlet		
KTL010MES1A	950	115/1/60	130	1	1.2	1.5	4-1/2	18-7/8	14-1/8	3/8	1/2	12	Call
KTL010MES2A	950	208-230/1/60	130	1	0.7	0.9	4-1/2	18-7/8	14-1/8	3/8	1/2	12	Call
KTL015MES1A	1450	115/1/60	180	1	1.2	1.5	4-1/2	18-7/8	14-1/8	3/8	1/2	13	Call
KTL015MES2A	1450	208-230/1/60	180	1	0.7	0.9	4-1/2	18-7/8	14-1/8	3/8	1/2	13	Call
KTL020MES1A	2000	115/1/60	237	1	1.2	1.5	5-1/2	18-7/8	14-1/8	3/8	1/2	14	Call
KTL020MES2A	2000	208-230/1/60	237	1	0.7	0.9	5-1/2	18-7/8	14-1/8	3/8	1/2	14	Call
KTL025MES1A	2500	115/1/60	270	1	1.2	1.5	5-1/2	18-7/8	14-1/8	3/8	1/2	15	Call
KTL025MES2A	2500	208-230/1/60	270	1	0.7	0.9	5-1/2	18-7/8	14-1/8	3/8	1/2	15	Call
KTL032MES1A	3200	115/1/60	440	1	1.2	1.5	5-1/2	21-7/8	19-1/8	3/8	1/2	19	Call
KTL032MES2A	3200	208-230/1/60	440	1	0.7	0.9	5-1/2	21-7/8	19-1/8	3/8	1/2	19	Call
KTL038MES1A	3800	115/1/60	440	1	1.2	1.5	5-1/2	21-7/8	19-1/8	3/8	1/2	20	Call
KTL038MES2A	3800	208-230/1/60	440	1	0.7	0.9	5-1/2	21-7/8	19-1/8	3/8	1/2	20	Call
KTL060MES1A	6000	115/1/60	928	2	2.4	2.7	7-5/8	23-3/4	42-3/4	1/2	1/2	38	Call
KTL060MES2A	6000	208-230/1/60	928	2	1.4	1.6	7-5/8	23-3/4	42-3/4	1/2	1/2	38	Call
KTL077MES1A	7700	115/1/60	807	2	2.4	2.7	7-5/8	23-3/4	42-3/4	5/8	1/2	40	Call
KTL077MES2A	7700	208-230/1/60	807	2	1.4	1.6	7-5/8	23-3/4	42-3/4	5/8	1/2	40	Call
KTL115MES1A	11500	115/1/60	1242	3	3.6	3.9	7-5/8	23-3/4	59-1/2	5/8	1/2	60	Call
KTL115MES2A	11500	208-230/1/60	1242	3	2.1	2.3	7-5/8	23-3/4	59-1/2	5/8	1/2	60	Call

KTL LINE, ELECTRIC DEFROST

Capacity rated @ 20°F at 10°F T.D.
Available in nine sizes from 850 to 9,900 BTUH.

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Data		Heater Data		Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
				Qty.	FLA	Watts	Amps	H	W	L	Suction	Inlet		
KTL009LES1A	850	115/1/60	130	1	1.2	206	1.8	4-1/2	18-7/8	14-1/8	3/8	1/2	12	Call
KTL009LES2A	850	208-230/1/60	130	1	0.7	206	0.9	4-1/2	18-7/8	14-1/8	3/8	1/2	12	Call
KTL013LES1A	1250	115/1/60	180	1	1.2	530	4.6	4-1/2	18-7/8	14-1/8	3/8	1/2	13	Call
KTL013LES2A	1250	208-230/1/60	180	1	0.7	530	2.3	4-1/2	18-7/8	14-1/8	3/8	1/2	13	Call
KTL017LES1A	1700	115/1/60	237	1	1.2	530	4.6	5-1/2	18-7/8	14-1/8	3/8	1/2	14	Call
KTL017LES2A	1700	208-230/1/60	237	1	0.7	530	2.3	5-1/2	18-7/8	14-1/8	3/8	1/2	14	Call
KTL021LES1A	2100	115/1/60	270	1	1.2	530	4.6	5-1/2	18-7/8	14-1/8	3/8	1/2	15	Call
KTL021LES2A	2100	208-230/1/60	270	1	0.7	530	2.3	5-1/2	18-7/8	14-1/8	3/8	1/2	15	Call
KTL028LES1A	2800	115/1/60	440	1	1.2	750	6.5	5-1/2	21-7/8	19-1/8	1/2	1/2	19	Call
KTL028LES2A	2800	208-230/1/60	440	1	0.7	750	3.3	5-1/2	21-7/8	19-1/8	1/2	1/2	19	Call
KTL033LES1A	3300	115/1/60	440	1	1.2	750	6.5	5-1/2	21-7/8	19-1/8	1/2	1/2	20	Call
KTL033LES2A	3300	208-230/1/60	440	1	0.7	750	3.3	5-1/2	21-7/8	19-1/8	1/2	1/2	20	Call
KTL052LES1A	5200	115/1/60	928	2	2.4	1100	9.6	7-5/8	23-3/4	42-3/4	5/8	1/2	38	Call
KTL052LES2A	5200	208-230/1/60	928	2	1.4	1100	4.8	7-5/8	23-3/4	42-3/4	5/8	1/2	38	Call
KTL066LES1A	6600	115/1/60	807	2	2.4	1540	13.4	7-5/8	23-3/4	42-3/4	5/8	1/2	40	Call
KTL066LES2A	6600	208-230/1/60	807	2	1.4	1540	6.7	7-5/8	23-3/4	42-3/4	5/8	1/2	40	Call
KTL099LES1A	9900	115/1/60	1242	3	3.6	2270	19.7	7-5/8	23-3/4	59-1/2	7/8	1/2	60	Call
KTL099LES2A	9900	208-230/1/60	1242	3	2.1	2270	12.4	7-5/8	23-3/4	59-1/2	7/8	1/2	60	Call

WALK-IN UNIT COOLER

KTM LINE



Dual refrigeration coils with two way air distribution for reduced velocity, higher humidity performance; features similar to TTL line in larger capacities for walk-in refrigeration applications

- Available in seven sizes from 11,500 to 29,500 BTUH.
- Heavy gauge textured aluminum cabinet construction resists scratches/corrosion and minimizes weight for shipment, installation and service.
- Air enters through fan and discharges two ways out of each coil side.
- Low height compact size useable storage space.
- Internally enhanced tube.
- Attractive and durable high - density polyethylene fan guards.
- Standard PSC motors
- Hinged drain pan provides convenient access for cleaning.
- Terminal board allows for easy electrical connections.
- Reduced operating charge with 3/8" OD tubing
- Refrigerants R22, R404A, R507.

Options

- Voltages available for 50Hz
- EMC motors
- Factory mounted solenoid valve, TXV and thermostat on air and electric defrost models
- Special fin materials and coatings

KTM LINE, AIR DEFROST

Capacity rated @ 20°F at 10°F T.D.
Available in seven sizes from 11,500 to 29,500 BTUH.

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Data			Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
				Qty.	FLA	MCA	H	W	L	Suction	Inlet		
KTM115MAS1A	11500	115/1/60	2020	2	2.2	2.5	8-5/8	28-3/16	67-1/2	7/8	1/2	110	Call
KTM115MAS2A	11500	208-230/1/60	2020	2	1.0	1.1	8-5/8	28-3/16	67-1/2	7/8	1/2	110	Call
KTM139MAS1A	13900	115/1/60	1900	2	2.2	2.5	8-5/8	28-3/16	67-1/2	7/8	1/2	116	Call
KTM139MAS2A	13900	208-230/1/60	1900	2	1.0	1.1	8-5/8	28-3/16	67-1/2	7/8	1/2	116	Call
KTM172MAS1A	17200	115/1/60	3030	3	3.3	3.6	8-5/8	28-3/16	93-1/2	7/8	1/2	150	Call
KTM172MAS2A	17200	208-230/1/60	3030	3	1.5	1.6	8-5/8	28-3/16	93-1/2	7/8	1/2	150	Call
KTM208MAS1A	20800	115/1/60	2850	3	3.3	3.6	8-5/8	28-3/16	93-1/2	1-1/8	1/2	157	Call
KTM208MAS2A	20800	208-230/1/60	2850	3	1.5	1.6	8-5/8	28-3/16	93-1/2	1-1/8	1/2	157	Call
KTM236MAS1A	23600	115/1/60	3700	4	4.4	4.7	8-5/8	28-3/16	93-1/2	1-1/8	1/2	164	Call
KTM236MAS2A	23600	208-230/1/60	3700	4	2.0	2.1	8-5/8	28-3/16	93-1/2	1-1/8	1/2	164	Call
KTM260MAS1A	26000	115/1/60	3780	4	4.4	4.7	8-5/8	28-3/16	113-1/2	1-1/8	7/8	191	Call
KTM260MAS2A	26000	208-230/1/60	3780	4	2.0	2.1	8-5/8	28-3/16	113-1/2	1-1/8	7/8	191	Call
KTM295MAS1A	29500	115/1/60	4630	5	5.5	5.8	8-5/8	28-3/16	113-1/2	1-1/8	7/8	198	Call
KTM295MAS2A	29500	208-230/1/60	4630	5	2.5	2.6	8-5/8	28-3/16	113-1/2	1-1/8	7/8	198	Call

KTM LINE, MED TEMP, ELECTRIC DEFROST

Capacity rated @ 20°F at 10°F T.D.

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					Amps	MCA	Watts	H	W	L	Suction	Inlet		
KTM115MES2A	11500	208-230/1/60	2020	2	11.3	11.3	11.3	8-5/8	28-3/16	67-1/2	7/8	1/2	110	Call
KTM139MES2A	13900	208-230/1/60	1900	2	11.3	11.3	11.3	8-5/8	28-3/16	67-1/2	7/8	1/2	116	Call
KTM172MES2A	17200	208-230/1/60	3030	3	16.2	16.2	16.2	8-5/8	28-3/16	93-1/2	7/8	1/2	150	Call
KTM208MES2A	20800	208-230/1/60	2850	3	16.2	16.2	16.2	8-5/8	28-3/16	93-1/2	1-1/8	1/2	157	Call
KTM236MES2A	23600	208-230/1/60	3700	4	16.2	16.2	16.2	8-5/8	28-3/16	93-1/2	1-1/8	1/2	164	Call
KTM260MES2A	26000	208-230/1/60	3780	4	19.8	19.8	19.8	8-5/8	28-3/16	113-1/2	1-1/8	7/8	191	Call
KTM295MES2A	29500	208-230/1/60	4630	5	19.8	19.8	19.8	8-5/8	28-3/16	113-1/2	1-1/8	7/8	198	Call

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KTM LINE, LOW TEMP, ELECTRIC DEFROST

Capacity rated @ -20°F at 10°F T.D.

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					Amps	MCA	Watts	H	W	L	Suction	Inlet		
KTM105LES2A	10500	208-230/1/60	2020	2	11.3	11.3	11.3	8-5/8	28-3/16	67-1/2	7/8	1/2	110	Call
KTM124LES2A	12400	208-230/1/60	1900	2	11.3	11.3	11.3	8-5/8	28-3/16	67-1/2	1-1/8	1/2	116	Call
KTM153LES2A	15300	208-230/1/60	3030	3	16.2	16.2	16.2	8-5/8	28-3/16	93-1/2	1-1/8	1/2	150	Call
KTM188LES2A	18800	208-230/1/60	2850	3	16.2	16.2	16.2	8-5/8	28-3/16	93-1/2	1-1/8	7/8	157	Call
KTM210LES2A	21000	208-230/1/60	3700	4	16.2	16.2	16.2	8-5/8	28-3/16	93-1/2	1-1/8	7/8	164	Call
KTM235LES2A	23500	208-230/1/60	3780	4	19.8	19.8	19.8	8-5/8	28-3/16	113-1/2	1-3/8	7/8	191	Call
KTM265LES2A	26500	208-230/1/60	4630	5	19.8	19.8	19.8	8-5/8	28-3/16	113-1/2	1-3/8	7/8	198	Call

KTM LINE, MEDIUM TEMP, HOT GAS DEFROST

Capacity rated @ -20°F at 10°F T.D.

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					Amps	MCA	Watts	H	W	L	Suction	Inlet		
KTM115MGS2A	11500	208-230/1/60	2020	2	5.7	5.7	5.7	8-5/8	28-3/16	67-1/2	7/8	1/2	110	Call
KTM139MGS2A	13900	208-230/1/60	1900	2	5.7	5.7	5.7	8-5/8	28-3/16	67-1/2	7/8	1/2	116	Call
KTM172MGS2A	17200	208-230/1/60	3030	3	8.1	8.1	8.1	8-5/8	28-3/16	93-1/2	7/8	1/2	150	Call
KTM208MGS2A	20800	208-230/1/60	2850	3	8.1	8.1	8.1	8-5/8	28-3/16	93-1/2	1-1/8	1/2	157	Call
KTM236MGS2A	23600	208-230/1/60	3700	4	8.1	8.1	8.1	8-5/8	28-3/16	93-1/2	1-1/8	1/2	164	Call
KTM260MGS2A	26000	208-230/1/60	3780	4	9.9	9.9	9.9	8-5/8	28-3/16	113-1/2	1-1/8	7/8	191	Call
KTM295MGS2A	29500	208-230/1/60	4630	5	9.9	9.9	9.9	8-5/8	28-3/16	113-1/2	1-1/8	7/8	198	Call

KTM LINE, LOW TEMP, HOT GAS DEFROST

Capacity rated @ -20°F at 10°F T.D.

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					Amps	MCA	Watts	H	W	L	Suction	Inlet		
KTM105LGS2A	10500	208-230/1/60	2020	2	5.7	5.7	5.7	8-5/8	28-3/16	67-1/2	7/8	1/2	110	Call
KTM124LGS2A	12400	208-230/1/60	1900	2	5.7	5.7	5.7	8-5/8	28-3/16	67-1/2	1-1/8	1/2	116	Call
KTM153LGS2A	15300	208-230/1/60	3030	3	8.1	8.1	8.1	8-5/8	28-3/16	93-1/2	1-1/8	1/2	150	Call
KTM188LGS2A	18800	208-230/1/60	2850	3	8.1	8.1	8.1	8-5/8	28-3/16	93-1/2	1-1/8	7/8	157	Call
KTM210LGS2A	21000	208-230/1/60	3700	4	8.1	8.1	8.1	8-5/8	28-3/16	93-1/2	1-1/8	7/8	164	Call
KTM235LGS2A	23500	208-230/1/60	3780	4	9.9	9.9	9.9	8-5/8	28-3/16	113-1/2	1-3/8	7/8	191	Call
KTM265LGS2A	26500	208-230/1/60	4630	5	9.9	9.9	9.9	8-5/8	28-3/16	113-1/2	1-3/8	7/8	198	Call

WALK-IN UNIT COOLER

KLV LINE



The KLV low velocity unit cooler allows for positive low air movement and even temperatures throughout the refrigerated space, while maintaining desired humidity conditions. The KLV unit features a cleanable, durable textured aluminum cabinet, corrosion resistant fasteners, low speed plug-in motor/fan assemblies and a positive sloped drain pan assembly.
The KLV-ED electric defrost low velocity unit cooler can be applied in lower temperature 28°F to 34°F rooms. The electric defrost units also include corrosion proof incoloy sheathed defrost heaters on the face of each coil and on individual inner drain pans under each coil allowing for fast efficient coil defrosting. Defrost heaters are wired to a factory installed terminal block. The unit also includes a Thermodisc type fan delay and defrost termination thermostat.
The KLV hot gas defrost low velocity unit coolers can be applied in lower temperature 28°F to 34°F rooms. The hot gas defrost units include corrosion proof incoloy sheathed heaters on individual drain pan assemblies preventing re-freezing of condensate water during defrost cycles. Factory installed side outlet distributor and Thermodisc type fan delay thermostats are standard. Check valves are supplied loose for TX valve by-pass. Units are suitable for reverse cycle, three pipe, and ThermoSaver™ hot gas defrost applications.
Available in ten sizes from 6,000 to 37,000 BTUH.
HE= 3 Pipe Defrost, RE= Reverse Cycle Defrost, TE= Thermosaver Defrost

- Dual refrigeration coil and two-way air distribution
- Hinged drain pan
- Textured aluminium cabinet
- Flush ceiling mount
- B suffix models have PSC motor(s) standard
- Optional factory mounted accessories
- Optional fin materials available
- Optional coil coating available

KLV LINE, LOW VELOCITY AIR DEFROST

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Data			Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
				Qty.	FLA	MCA	H	W	L	Suction	Inlet		
KLV060ADS1B	6000	115/1/60	850	1	1.1	1.4	8-11/16	28-1/8	66-7/8	5/8	1/2	145	Call
KLV060ADS2B	6000	208-230/1/60	850	1	0.5	0.6	8-11/16	28-1/8	66-7/8	5/8	1/2	145	Call
KLV090ADS1B	9000	115/1/60	1120	1	1.1	1.4	9-9/16	28-1/8	66-7/8	7/8	1/2	160	Call
KLV090ADS2B	9000	208-230/1/60	1120	1	0.5	0.6	9-9/16	28-1/8	66-7/8	7/8	1/2	160	Call
KLV120ADS1B	12000	115/1/60	1500	2	2.2	2.5	12-7/16	28-1/8	66-7/8	7/8	1/2	204	3983.00
KLV120ADS2B	12000	208-230/1/60	1500	2	1.0	1.1	12-7/16	28-1/8	66-7/8	7/8	1/2	204	Call
KLV150ADS1B	15000	115/1/60	2000	2	2.2	2.5	14-15/16	28-1/8	66-7/8	1-1/8	1/2	223	Call
KLV150ADS2B	15000	208-230/1/60	2000	2	1.0	1.1	14-15/16	28-1/8	66-7/8	1-1/8	1/2	223	Call
KLV180ADS1B	18000	115/1/60	2530	3	3.3	3.6	14-15/16	28-1/8	92-7/8	1-1/8	1/2	295	5686.00
KLV180ADS2B	18000	208-230/1/60	2530	3	1.5	1.6	14-15/16	28-1/8	92-7/8	1-1/8	1/2	295	Call
KLV220ADS1B	22000	115/1/60	2785	3	3.3	3.6	14-15/16	28-1/8	92-7/8	1-1/8	1/2	310	Call
KLV220ADS2B	22000	208-230/1/60	2785	3	1.5	1.6	14-15/16	28-1/8	92-7/8	1-1/8	1/2	310	Call
KLV270ADS1B	27000	115/1/60	3400	3	3.3	3.6	17-7/16	28-1/8	92-7/8	1-1/8	7/8	332	Call
KLV270ADS2B	27000	208-230/1/60	3400	3	1.5	1.6	17-7/16	28-1/8	92-7/8	1-1/8	7/8	332	Call
KLV300ADS1B	30000	115/1/60	4000	4	4.4	4.7	17-7/16	28-1/8	92-7/8	1-1/8	7/8	380	Call
KLV300ADS2B	30000	208-230/1/60	4000	4	2.0	2.1	17-7/16	28-1/8	92-7/8	1-1/8	7/8	380	Call
KLV340ADS1B	34000	115/1/60	4370	4	4.4	4.7	17-7/16	28-1/8	112-7/8	1-3/8	7/8	390	Call
KLV340ADS2B	34000	208-230/1/60	4370	4	2.0	2.1	17-7/16	28-1/8	112-7/8	1-3/8	7/8	390	Call
KLV370ADS1B	37000	115/1/60	4840	5	5.5	5.8	17-7/16	28-1/8	112-7/8	1-3/8	7/8	410	Call
KLV370ADS2B	37000	208-230/1/60	4840	5	2.5	2.6	17-7/16	28-1/8	112-7/8	1-3/8	7/8	410	Call

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KLV LINE, LOW VELOCITY ELECTRIC DEFROST

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Data			Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
				Qty.	FLA	MCA	Watts	Amps	MCA	H	W	L	Suction	Inlet		
KLV060EDS2B	6000	208-230/1/60	850	1	0.5	0.6	1880	8.2	10.2	8-11/16	28-1/8	66-7/8	5/8	1/2	145	Call
KLV090EDS2B	9000	208-230/1/60	1120	1	0.5	0.6	1880	8.2	10.2	9-9/16	28-1/8	66-7/8	7/8	1/2	160	Call
KLV120EDS2B	12000	208-230/1/60	1500	2	1.0	1.1	3180	13.8	17.3	12-7/16	28-1/8	66-7/8	7/8	1/2	204	Call
KLV150EDS2B	15000	208-230/1/60	2000	2	1.0	1.1	3180	13.8	17.3	14-15/16	28-1/8	66-7/8	1-1/8	1/2	223	Call
KLV180EDS2B	18000	208-230/1/60	2530	3	1.5	1.6	4540	19.7	24.7	14-15/16	28-1/8	92-7/8	1-1/8	1/2	295	Call
KLV220EDS2B	22000	208-230/1/60	2785	3	1.5	1.6	4540	19.7	24.7	14-15/16	28-1/8	92-7/8	1-1/8	1/2	310	Call
KLV270EDS2B	27000	208-230/1/60	3400	3	1.5	1.6	4540	19.7	24.7	17-7/16	28-1/8	92-7/8	1-1/8	7/8	332	Call
KLV300EDS2B	30000	208-230/1/60	4000	4	2.0	2.1	4540	19.7	24.7	17-7/16	28-1/8	92-7/8	1-1/8	7/8	380	Call
KLV340EDS2B	34000	208-230/1/60	4370	4	2.0	2.1	5580	24.3	30.3	17-7/16	28-1/8	112-7/8	1-3/8	7/8	390	Call
KLV370EDS2B	37000	208-230/1/60	4840	5	2.5	2.6	5580	24.3	30.3	17-7/16	28-1/8	112-7/8	1-3/8	7/8	410	Call

KLV LINE, LOW VELOCITY HOT GAS DEFROST

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor Qty.	Unit MCA (Amps)	Heater		Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
						Watts	Amps	H	W	L	Suction	Inlet		
KLV060(*)ES1B	6000	115/1/60	850	1	2.9	580	5.0	8-11/16	28-1/8	66-7/8	5/8	1/2	145	Call
KLV060(*)ES2B	6000	208-230/1/60	850	1	1.5	580	2.5	8-11/16	28-1/8	66-7/8	5/8	1/2	145	Call
KLV090(*)ES1B	9000	115/1/60	1120	1	2.9	580	5.0	9-9/16	28-1/8	66-7/8	7/8	1/2	160	Call
KLV090(*)ES2B	9000	208-230/1/60	1120	1	1.5	580	2.5	9-9/16	28-1/8	66-7/8	7/8	1/2	160	Call
KLV120(*)ES1B	12000	115/1/60	1500	2	5.2	580	5.0	12-7/16	28-1/8	66-7/8	7/8	1/2	204	Call
KLV120(*)ES2B	12000	208-230/1/60	1500	2	2.7	580	2.5	12-7/16	28-1/8	66-7/8	7/8	1/2	204	Call
KLV150(*)ES1B	15000	115/1/60	2000	2	5.2	580	5.0	14-15/16	28-1/8	66-7/8	1-1/8	1/2	223	Call
KLV150(*)ES2B	15000	208-230/1/60	2000	2	2.7	580	2.5	14-15/16	28-1/8	66-7/8	1-1/8	1/2	223	Call
KLV180(*)ES1B	18000	115/1/60	2530	3	7.5	820	7.1	14-15/16	28-1/8	92-7/8	1-1/8	1/2	295	Call
KLV180(*)ES2B	18000	208-230/1/60	2530	3	2.7	820	3.6	14-15/16	28-1/8	92-7/8	1-1/8	1/2	295	Call
KLV220(*)ES1B	22000	115/1/60	2785	3	7.5	820	7.1	14-15/16	28-1/8	92-7/8	1-1/8	1/2	310	Call
KLV220(*)ES2B	22000	208-230/1/60	2785	3	2.7	820	3.6	14-15/16	28-1/8	92-7/8	1-1/8	1/2	310	Call
KLV270(*)ES1B	27000	115/1/60	3400	3	7.5	820	7.1	17-7/16	28-1/8	92-7/8	1-1/8	7/8	332	Call
KLV270(*)ES2B	27000	208-230/1/60	3400	3	2.7	820	3.6	17-7/16	28-1/8	92-7/8	1-1/8	7/8	332	Call
KLV300(*)ES1B	30000	115/1/60	4000	4	9.8	820	7.1	17-7/16	28-1/8	92-7/8	1-1/8	7/8	380	Call
KLV300(*)ES2B	30000	208-230/1/60	4000	4	5.1	820	3.6	17-7/16	28-1/8	92-7/8	1-1/8	7/8	380	Call
KLV340(*)ES1B	34000	115/1/60	4370	4	9.8	1020	8.9	17-7/16	28-1/8	112-7/8	1-3/8	7/8	390	Call
KLV340(*)ES2B	34000	208-230/1/60	4370	4	5.1	1020	4.4	17-7/16	28-1/8	112-7/8	1-3/8	7/8	390	Call
KLV370(*)ES1B	37000	115/1/60	4840	5	12.1	1020	8.9	17-7/16	28-1/8	112-7/8	1-3/8	7/8	410	Call
KLV370(*)ES2B	37000	208-230/1/60	4840	5	6.3	1020	4.4	17-7/16	28-1/8	112-7/8	1-3/8	7/8	410	Call

WALK-IN UNIT COOLER

R LINE, HALF ROUND AIR DEFROST



The Roundell air defrost unit is designed for walk-in coolers requiring positive, low air movement discharged radially in a 180° arch. Ideally suited for applications where maximum usable storage space, high humidity and gentle air distribution throughout the room are required. The Roundell unit cooler features a textured aluminium cabinet, hinged drain pan and inherently protected fan motor. Available in eight sizes from 3,730 to 20,440 BTUH. Optional fin materials and coatings and optional 115V energy efficient PSC motor available.

KeepRite REFRIGERATION

Part No.	BTUH 20°F @ 10°F T.D.	Voltage	CFM	Motor data			Dimensions (In.)			Connections (In.)		Ship (Lbs.)	Price
				Qty.	FLA	MCA	H	W	L	Suction	Inlet		
R375	3730	115/1/60	770	1	1.6	2.0	11-1/8	20-3/4	33-1/4	5/8	1/2	72	Call
R485	4880	115/1/60	770	1	1.6	2.0	11-1/8	20-3/4	33-1/4	5/8	1/2	76	2667.00
R595	6050	115/1/60	1280	1	1.6	2.0	14-3/8	23-3/4	39-1/4	5/8	1/2	98	2802.00
R775	7900	115/1/60	1300	1	2.1	2.63	14-3/8	23-3/4	39-1/4	7/8	1/2	104	3034.00
R905	8900	115/1/60	1380	1	2.1	2.63	14-5/8	25-1/4	42-1/4	7/8	1/2	108	3750.00
R1025	10200	115/1/60	2025	1	2.1	2.63	16-1/8	25-1/4	42-1/4	7/8	1/2	114	Call
R1305	12800	115/1/60	2000	1	2.1	2.63	16-1/8	25-1/4	42-1/4	7/8	1/2	124	4762.00
R2050	20400	115/1/60	4050	2	4.2	4.73	16-1/8	25-1/4	74	1-1/8	1/2	187	Call

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KLP LINE, LOW PROFILE



Standard Features

- Modern look
- High efficiency and high strength fan guard
- Front access
- Higher capacity
- Compact
- Internally enhanced tubing
- More uniform air flow
- Convenient mounting brackets
- Ample electrical and header compartments
- B(R) models use PSC motors
- B(R)-ECM use electronically commutated motors which meet FEISA Act HR6 (2007)
- Proven motor/fan/motor mount design
- Liquid line solenoid valve wire harness factory installed
- Schrader valve on suction header extension outside the cabinet
- Positive slope, hinged drain pan, central drain connections (approximate)
- Universal drain fitting
- Large 3/4" ID (3/4" MPT) drain hole
- Factory installed distributor nozzle
- 460/1/60 PSC motor only

Optional Features

- Wire fan guard

KLP LINE, MEDIUM TEMP, AIR DEFROST, 6FPI

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

Part No.	BTUH +25°F	Voltage	CFM	Motor				Dimensions (In.)			Connections (In.)		Ship Wgt (Lbs.)	Price
				Type	Qty.	FLA	MCA	H	W	L	Suction	Inlet		
KLP104MAS1B	4300	115/1/60	1010	PSC	1	1.0	1.3	15-7/8	15	30-1/4	5/8	1/2	45	Call
KLP104MAS2B	4300	208-230/1/60	1010	PSC	1	0.5	0.6	15-7/8	15	30-1/4	5/8	1/2	45	Call
KLP104MAS1B-ECM	4300	115/1/60	1010	ECM	1	1.0	1.3	15-7/8	15	30-1/4	5/8	1/2	45	Call
KLP104MAS2B-ECM	4300	208-230/1/60	1010	ECM	1	0.5	0.6	15-7/8	15	30-1/4	5/8	1/2	45	Call
KLP106MAS1B	5500	115/1/60	950	PSC	1	1.0	1.3	15-7/8	15	30-1/4	5/8	1/2	47	1106.00
KLP106MAS2B	5500	208-230/1/60	950	PSC	1	0.5	0.6	15-7/8	15	30-1/4	5/8	1/2	47	Call
KLP106MAS1B-ECM	5500	115/1/60	950	ECM	1	1.0	1.3	15-7/8	15	30-1/4	5/8	1/2	47	Call
KLP106MAS2B-ECM	5500	208-230/1/60	950	ECM	1	0.5	0.6	15-7/8	15	30-1/4	5/8	1/2	47	Call
KLP107MAS1B	6800	115/1/60	900	PSC	1	1.0	1.3	15-7/8	15	30-1/4	5/8	1/2	49	1295.00
KLP107MAS2B	6800	208-230/1/60	900	PSC	1	0.5	0.6	15-7/8	15	30-1/4	5/8	1/2	49	Call
KLP107MAS1B-ECM	6800	115/1/60	900	ECM	1	1.0	1.3	15-7/8	15	30-1/4	5/8	1/2	49	Call
KLP107MAS2B-ECM	6800	208-230/1/60	900	ECM	1	0.5	0.6	15-7/8	15	30-1/4	5/8	1/2	49	Call
KLP209MAS1B	8600	115/1/60	2020	PSC	2	2.0	2.3	15-7/8	15	46-1/4	7/8	1/2	70	1661.00
KLP209MAS2B	8600	208-230/1/60	2020	PSC	2	1.0	1.1	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP209MAS4B	8600	460/1/60	2020	PSC	2	0.8	0.9	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP209MAS1B-ECM	8600	115/1/60	2020	ECM	2	2.0	2.3	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP209MAS2B-ECM	8600	208-230/1/60	2020	ECM	2	1.0	1.1	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP211MAS1B	11000	115/1/60	1910	PSC	2	2.0	2.3	15-7/8	15	46-1/4	7/8	1/2	74	1903.00
KLP211MAS2B	11000	208-230/1/60	1910	PSC	2	1.0	1.1	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP211MAS4B	11000	460/1/60	1910	PSC	2	0.8	0.9	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP211MAS1B-ECM	11000	115/1/60	1910	ECM	2	2.0	2.3	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP211MAS2B-ECM	11000	208-230/1/60	1910	ECM	2	1.0	1.1	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP214MAS1B	14000	115/1/60	1800	PSC	2	2.0	2.3	15-7/8	15	46-1/4	7/8	1/2	78	2384.00
KLP214MAS2B	14000	208-230/1/60	1800	PSC	2	1.0	1.1	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP214MAS4B	14000	460/1/60	1800	PSC	2	0.8	0.9	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP214MAS1B-ECM	14000	115/1/60	1800	ECM	2	2.0	2.3	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP214MAS2B-ECM	14000	208-230/1/60	1800	ECM	2	1.0	1.1	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP317MAS1B	17000	115/1/60	2860	PSC	3	3.0	3.3	15-7/8	15	62-1/4	7/8	1/2	101	2807.00
KLP317MAS2B	17000	208-230/1/60	2860	PSC	3	1.5	1.6	15-7/8	15	62-1/4	7/8	1/2	101	Call
KLP317MAS4B	17000	460/1/60	2860	PSC	3	1.2	1.3	15-7/8	15	62-1/4	7/8	1/2	101	Call
KLP317MAS1B-ECM	17000	115/1/60	2860	ECM	3	3.0	3.3	15-7/8	15	62-1/4	7/8	1/2	101	Call

WALK-IN UNIT COOLER

KLP LINE, MEDIUM TEMP, AIR DEFROST, 6FPI CONTINUED

Part No.	BTUH +25°F	Voltage	CFM	Motor				Dimensions (In.)			Connections (In.)		Ship Wgt (Lbs.)	Price
				Type	Qty.	FLA	MCA	H	W	L	Suction	Inlet		
KLP317MAS2B-ECM	17000	208-230/1/60	2860	ECM	3	1.5	1.6	15-7/8	15	62-1/4	7/8	1/2	101	Call
KLP320MAS1B	20000	115/1/60	2700	PSC	3	3.0	3.3	15-7/8	15	62-1/4	7/8	1/2	107	3291.00
KLP320MAS2B	20000	208-230/1/60	2700	PSC	3	1.5	1.6	15-7/8	15	62-1/4	7/8	1/2	107	Call
KLP320MAS4B	20000	460/1/60	2700	PSC	3	1.2	1.3	15-7/8	15	62-1/4	7/8	1/2	107	Call
KLP320MAS1B-ECM	20000	115/1/60	2700	ECM	3	3.0	3.3	15-7/8	15	62-1/4	7/8	1/2	107	Call
KLP320MAS2B-ECM	20000	208-230/1/60	2700	ECM	3	1.5	1.6	15-7/8	15	62-1/4	7/8	1/2	107	Call
KLP423MAS1B	23000	115/1/60	3810	PSC	4	4.0	4.3	15-7/8	15	78-1/4	1-1/8	1/2	117	3785.00
KLP423MAS2B	23000	208-230/1/60	3810	PSC	4	2.0	2.1	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP423MAS4B	23000	460/1/60	3810	PSC	4	1.6	1.7	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP423MAS1B-ECM	23000	115/1/60	3810	ECM	4	4.0	4.3	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP423MAS2B-ECM	23000	208-230/1/60	3810	ECM	4	2.0	2.1	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP426MAS1B	26000	115/1/60	3600	PSC	4	4.0	4.3	15-7/8	15	78-1/4	1-1/8	1/2	135	4253.00
KLP426MAS2B	26000	208-230/1/60	3600	PSC	4	2.0	2.1	15-7/8	15	78-1/4	1-1/8	1/2	135	Call
KLP426MAS4B	26000	460/1/60	3600	PSC	4	1.6	1.7	15-7/8	15	78-1/4	1-1/8	1/2	135	Call
KLP426MAS1B-ECM	26000	115/1/60	3600	ECM	4	4.0	4.3	15-7/8	15	78-1/4	1-1/8	1/2	135	Call
KLP426MAS2B-ECM	26000	208-230/1/60	3600	ECM	4	2.0	2.1	15-7/8	15	78-1/4	1-1/8	1/2	135	Call
KLP532MAS1B	32000	115/1/60	4500	PSC	5	5.0	5.3	15-7/8	15	94-1/4	1-3/8	1/2	163	4855.00
KLP532MAS2B	32000	208-230/1/60	4500	PSC	5	2.5	2.6	15-7/8	15	94-1/4	1-3/8	1/2	163	Call
KLP532MAS4B	32000	460/1/60	4500	PSC	5	2.0	2.1	15-7/8	15	94-1/4	1-3/8	1/2	163	Call
KLP532MAS1B-ECM	32000	115/1/60	4500	ECM	5	5.0	5.3	15-7/8	15	94-1/4	1-3/8	1/2	163	Call
KLP532MAS2B-ECM	32000	208-230/1/60	4500	ECM	5	2.5	2.6	15-7/8	15	94-1/4	1-3/8	1/2	163	Call
KLP639MAS1B	39000	115/1/60	5400	PSC	6	6.0	6.3	15-7/8	15	110-1/4	1-3/8	7/8	192	5659.00
KLP639MAS2B	39000	208-230/1/60	5400	PSC	6	3.0	3.1	15-7/8	15	110-1/4	1-3/8	7/8	192	Call
KLP639MAS4B	39000	460/1/60	5400	PSC	6	2.4	2.5	15-7/8	15	110-1/4	1-3/8	7/8	192	Call
KLP639MAS1B-ECM	39000	115/1/60	5400	ECM	6	6.0	6.3	15-7/8	15	110-1/4	1-3/8	7/8	192	Call
KLP639MAS2B-ECM	39000	208-230/1/60	5400	ECM	6	3.0	3.1	15-7/8	15	110-1/4	1-3/8	7/8	192	Call

KLP LINE, LOW TEMP, ELECTRIC DEFROST, 6 FPI

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.



Part No.	BTUH -20°F	Voltage	CFM	Motor		Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt (Lbs.)	Price
				Qty.	Type	Watts	Amps	MCA	H	W	L	Suction	Inlet		
KLP104LES2B	3800	208-230/1/60	1010	1	PSC	1060	4.6	5.8	15-7/8	15	30-1/4	5/8	1/2	49	Call
KLP104LET3B	3800	208-230/3/60	1010	1	PSC	1060	3.0	3.8	15-7/8	15	30-1/4	5/8	1/2	49	Call
KLP104LES2B-ECM	3800	208-230/1/60	1010	1	ECM	1060	4.6	5.8	15-7/8	15	30-1/4	5/8	1/2	49	Call
KLP104LET3B-ECM	3800	208-230/3/60	1010	1	ECM	1060	3.0	3.8	15-7/8	15	30-1/4	5/8	1/2	49	Call
KLP105LES2B	4800	208-230/1/60	950	1	PSC	1060	4.6	5.8	15-7/8	15	30-1/4	5/8	1/2	51	Call
KLP105LET3B	4800	208-230/3/60	950	1	PSC	1060	3.0	3.8	15-7/8	15	30-1/4	5/8	1/2	51	Call
KLP105LES2B-ECM	4800	208-230/1/60	950	1	ECM	1060	4.6	5.8	15-7/8	15	30-1/4	5/8	1/2	51	Call
KLP105LET3B-ECM	4800	208-230/3/60	950	1	ECM	1060	3.0	3.8	15-7/8	15	30-1/4	5/8	1/2	51	Call
KLP106LES2B	5800	208-230/1/60	900	1	PSC	1060	4.6	5.8	15-7/8	15	30-1/4	5/8	1/2	53	Call
KLP106LET3B	5800	208-230/3/60	900	1	PSC	1060	3.0	3.8	15-7/8	15	30-1/4	5/8	1/2	53	Call
KLP106LES2B-ECM	5800	208-230/1/60	900	1	ECM	1060	4.6	5.8	15-7/8	15	30-1/4	5/8	1/2	53	Call
KLP106LET3B-ECM	5800	208-230/3/60	900	1	ECM	1060	3.0	3.8	15-7/8	15	30-1/4	5/8	1/2	53	Call
KLP207LES2B	7400	208-230/1/60	2020	2	PSC	1890	8.2	10.3	15-7/8	15	46-1/4	7/8	1/2	76	2278.00
KLP207LET3B	7400	208-230/3/60	2020	2	PSC	1890	5.3	6.7	15-7/8	15	46-1/4	7/8	1/2	76	Call
KLP207LES4B	7400	460/1/60	2020	2	PSC	1890	4.1	5.1	15-7/8	15	46-1/4	7/8	1/2	76	Call
KLP207LES2B-ECM	7400	208-230/1/60	2020	2	ECM	1890	8.2	10.3	15-7/8	15	46-1/4	7/8	1/2	76	Call
KLP207LET3B-ECM	7400	208-230/3/60	2020	2	ECM	1890	5.3	6.7	15-7/8	15	46-1/4	7/8	1/2	76	Call
KLP209LES2B	9000	208-230/1/60	1910	2	PSC	1890	8.2	10.3	15-7/8	15	46-1/4	7/8	1/2	80	2571.00

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KLP LINE, LOW TEMP, ELECTRIC DEFROST, 6 FPI CONTINUED

Part No.	BTUH -20°F	Voltage	CFM	Motor		Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt (Lbs.)	Price
				Qty.	Type	Watts	Amps	MCA	H	W	L	Suction	Inlet		
KLP209LET3B	9000	208-230/3/60	1910	2	PSC	1890	5.3	6.7	15-7/8	15	46-1/4	7/8	1/2	80	Call
KLP209LES4B	9000	460/1/60	1910	2	PSC	1890	4.1	5.1	15-7/8	15	46-1/4	7/8	1/2	80	Call
KLP209LES2B-ECM	9000	208-230/1/60	1910	2	ECM	1890	8.2	10.3	15-7/8	15	46-1/4	7/8	1/2	80	Call
KLP209LET3B-ECM	9000	208-230/3/60	1910	2	ECM	1890	5.3	6.7	15-7/8	15	46-1/4	7/8	1/2	80	Call
KLP211LES2B	11000	208-230/1/60	1800	2	PSC	1890	8.2	10.3	15-7/8	15	46-1/4	7/8	1/2	84	3127.00
KLP211LET3B	11000	208-230/3/60	1800	2	PSC	1890	5.3	6.7	15-7/8	15	46-1/4	7/8	1/2	84	Call
KLP211LES4B	11000	460/1/60	1800	2	PSC	1890	4.1	5.1	15-7/8	15	46-1/4	7/8	1/2	84	Call
KLP211LES2B-ECM	11000	208-230/1/60	1800	2	ECM	1890	8.2	10.3	15-7/8	15	46-1/4	7/8	1/2	84	Call
KLP211LET3B-ECM	11000	208-230/3/60	1800	2	ECM	1890	5.3	6.7	15-7/8	15	46-1/4	7/8	1/2	84	Call
KLP314LES2B	14000	208-230/1/60	2860	3	PSC	2730	11.9	14.8	15-7/8	15	62-1/4	7/8	1/2	109	Call
KLP314LET3B	14000	208-230/3/60	2860	3	PSC	2730	7.7	10.0	15-7/8	15	62-1/4	7/8	1/2	109	Call
KLP314LES4B	14000	460/1/60	2860	3	PSC	2730	5.9	7.4	15-7/8	15	62-1/4	7/8	1/2	109	Call
KLP314LES2B-ECM	14000	208-230/1/60	2860	3	ECM	2730	11.9	14.8	15-7/8	15	62-1/4	7/8	1/2	109	Call
KLP314LET3B-ECM	14000	208-230/3/60	2860	3	ECM	2730	7.7	10.0	15-7/8	15	62-1/4	7/8	1/2	109	Call
KLP317LES2B	17000	208-230/1/60	2700	3	PSC	2730	11.9	14.8	15-7/8	15	62-1/4	1-1/8	1/2	115	Call
KLP317LET3B	17000	208-230/3/60	2700	3	PSC	2730	7.7	10.0	15-7/8	15	62-1/4	1-1/8	1/2	115	Call
KLP317LES4B	17000	460/1/60	2700	3	PSC	2730	5.9	7.4	15-7/8	15	62-1/4	1-1/8	1/2	115	Call
KLP317LES2B-ECM	17000	208-230/1/60	2700	3	ECM	2730	11.9	14.8	15-7/8	15	62-1/4	1-1/8	1/2	115	Call
KLP317LET3B-ECM	17000	208-230/3/60	2700	3	ECM	2730	7.7	10.0	15-7/8	15	62-1/4	1-1/8	1/2	115	Call
KLP419LES2B	19000	208-230/1/60	3810	4	PSC	3560	15.5	19.3	15-7/8	15	78-1/4	1-1/8	1/2	127	Call
KLP419LET3B	19000	208-230/3/60	3810	4	PSC	3560	10.0	12.0	15-7/8	15	78-1/4	1-1/8	1/2	127	Call
KLP419LES4B	19000	460/1/60	3810	4	PSC	3560	7.7	9.7	15-7/8	15	78-1/4	1-1/8	1/2	127	Call
KLP419LES2B-ECM	19000	208-230/1/60	3810	4	ECM	3560	15.5	19.3	15-7/8	15	78-1/4	1-1/8	1/2	127	Call
KLP419LET3B-ECM	19000	208-230/3/60	3810	4	ECM	3560	10.0	12.0	15-7/8	15	78-1/4	1-1/8	1/2	127	Call
KLP422LES2B	22000	208-230/1/60	3600	4	PSC	3560	15.5	19.3	15-7/8	15	78-1/4	1-1/8	7/8	145	Call
KLP422LET3B	22000	208-230/3/60	3600	4	PSC	3560	10.0	12.0	15-7/8	15	78-1/4	1-1/8	7/8	145	Call
KLP422LES4B	22000	460/1/60	3600	4	PSC	3560	7.7	9.7	15-7/8	15	78-1/4	1-1/8	7/8	145	Call
KLP422LES2B-ECM	22000	208-230/1/60	3600	4	ECM	3560	15.5	19.3	15-7/8	15	78-1/4	1-1/8	7/8	145	Call
KLP422LET3B-ECM	22000	208-230/3/60	3600	4	ECM	3560	10.0	12.0	15-7/8	15	78-1/4	1-1/8	7/8	145	Call
KLP527LES2B	27000	208-230/1/60	4500	5	PSC	4400	19.1	23.9	15-7/8	15	94-1/4	1-3/8	7/8	176	Call
KLP527LET3B	27000	208-230/3/60	4500	5	PSC	4400	12.0	15.1	15-7/8	15	94-1/4	1-3/8	7/8	176	Call
KLP527LES4B	27000	460/1/60	4500	5	PSC	4400	9.6	12.0	15-7/8	15	94-1/4	1-3/8	7/8	176	Call
KLP527LES2B-ECM	27000	208-230/1/60	4500	5	ECM	4400	19.1	23.9	15-7/8	15	94-1/4	1-3/8	7/8	176	Call
KLP527LET3B-ECM	27000	208-230/3/60	4500	5	ECM	4400	12.0	15.1	15-7/8	15	94-1/4	1-3/8	7/8	176	Call
KLP631LES2B	31000	208-230/1/60	5400	6	PSC	5230	22.7	28.4	15-7/8	15	110-1/4	1-3/8	7/8	207	Call
KLP631LET3B	31000	208-230/3/60	5400	6	PSC	5230	15.0	18.0	15-7/8	15	110-1/4	1-3/8	7/8	207	Call
KLP631LES4B	31000	460/1/60	5400	6	PSC	5230	11.4	14.2	15-7/8	15	110-1/4	1-3/8	7/8	207	Call
KLP631LES2B-ECM	31000	208-230/1/60	5400	6	ECM	5230	22.7	28.4	15-7/8	15	110-1/4	1-3/8	7/8	207	Call
KLP631LET3B-ECM	31000	208-230/3/60	5400	6	ECM	5230	15.0	18.0	15-7/8	15	110-1/4	1-3/8	7/8	207	Call

KLP LINE, LOW TEMP, ELECTRIC DEFROST, 4 FPI

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

Part No.	BTUH -20°F	Voltage	CFM	Motor		Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt (Lbs.)	Price
				Qty.	Type	Watts	Amps	MCA	H	W	L	Suction	Inlet		
KLP103VES2B	3000	208-230/1/60	1070	1	PSC	1060	4.6	5.8	15-7/8	15	30-1/4	5/8	1/2	49	Call
KLP103VET3B	3000	208-230/3/60	1070	1	PSC	1060	3.0	3.8	15-7/8	15	30-1/4	5/8	1/2	49	Call
KLP103VES2B-ECM	3000	208-230/1/60	1070	1	ECM	1060	4.6	5.8	15-7/8	15	30-1/4	5/8	1/2	49	Call
KLP103VET3B-ECM	3000	208-230/3/60	1070	1	ECM	1060	3.0	3.8	15-7/8	15	30-1/4	5/8	1/2	49	Call
KLP104VES2B	4100	208-230/1/60	1010	1	PSC	1060	4.6	5.8	15-7/8	15	30-1/4	5/8	1/2	51	Call
KLP104VET3B	4100	208-230/3/60	1010	1	PSC	1060	3.0	3.8	15-7/8	15	30-1/4	5/8	1/2	51	Call
KLP104VES2B-ECM	4100	208-230/1/60	1010	1	ECM	1060	4.6	5.8	15-7/8	15	30-1/4	5/8	1/2	51	Call
KLP104VET3B-ECM	4100	208-230/3/60	1010	1	ECM	1060	3.0	3.8	15-7/8	15	30-1/4	5/8	1/2	51	Call
KLP105VES2B	5000	208-230/1/60	950	1	PSC	1060	4.6	5.8	15-7/8	15	30-1/4	5/8	1/2	53	Call
KLP105VET3B	5000	208-230/3/60	950	1	PSC	1060	3.0	3.8	15-7/8	15	30-1/4	5/8	1/2	53	Call
KLP105VES2B-ECM	5000	208-230/1/60	950	1	ECM	1060	4.6	5.8	15-7/8	15	30-1/4	5/8	1/2	53	Call
KLP105VET3B-ECM	5000	208-230/3/60	950	1	ECM	1060	3.0	3.8	15-7/8	15	30-1/4	5/8	1/2	53	Call
KLP206VES2B	6400	208-230/1/60	2140	2	PSC	1890	8.2	10.3	15-7/8	15	46-1/4	7/8	1/2	76	Call
KLP206VET3B	6400	208-230/3/60	2140	2	PSC	1890	5.3	6.7	15-7/8	15	46-1/4	7/8	1/2	76	Call
KLP206VES4B	6400	460/1/60	2140	2	PSC	1890	4.1	5.1	15-7/8	15	46-1/4	7/8	1/2	76	Call
KLP206VES2B-ECM	6400	208-230/1/60	2140	2	ECM	1890	8.2	10.3	15-7/8	15	46-1/4	7/8	1/2	76	Call
KLP206VET3B-ECM	6400	208-230/3/60	2140	2	ECM	1890	5.3	6.7	15-7/8	15	46-1/4	7/8	1/2	76	Call
KLP208VES2B	7800	208-230/1/60	2020	2	PSC	1890	8.2	10.3	15-7/8	15	46-1/4	7/8	1/2	80	Call
KLP208VET3B	7800	208-230/3/60	2020	2	PSC	1890	5.3	6.7	15-7/8	15	46-1/4	7/8	1/2	80	Call
KLP208VES4B	7800	460/1/60	2020	2	PSC	1890	4.1	5.1	15-7/8	15	46-1/4	7/8	1/2	80	Call
KLP208VES2B-ECM	7800	208-230/1/60	2020	2	ECM	1890	8.2	10.3	15-7/8	15	46-1/4	7/8	1/2	80	Call
KLP208VET3B-ECM	7800	208-230/3/60	2020	2	ECM	1890	5.3	6.7	15-7/8	15	46-1/4	7/8	1/2	80	Call
KLP209VES2B	9300	208-230/1/60	1910	2	PSC	1890	8.2	10.3	15-7/8	15	46-1/4	7/8	1/2	84	Call
KLP209VET3B	9300	208-230/3/60	1910	2	PSC	1890	5.3	6.7	15-7/8	15	46-1/4	7/8	1/2	84	Call
KLP209VES4B	9300	460/1/60	1910	2	PSC	1890	4.1	5.1	15-7/8	15	46-1/4	7/8	1/2	84	Call
KLP209VES2B-ECM	9300	208-230/1/60	1910	2	ECM	1890	8.2	10.3	15-7/8	15	46-1/4	7/8	1/2	84	Call
KLP209VET3B-ECM	9300	208-230/3/60	1910	2	ECM	1890	5.3	6.7	15-7/8	15	46-1/4	7/8	1/2	84	Call
KLP312VES2B	12000	208-230/1/60	3030	3	PSC	2730	11.9	14.8	15-7/8	15	62-1/4	7/8	1/2	109	Call
KLP312VET3B	12000	208-230/3/60	3030	3	PSC	2730	7.7	10.0	15-7/8	15	62-1/4	7/8	1/2	109	Call
KLP312VES4B	12000	460/1/60	3030	3	PSC	2730	5.9	7.4	15-7/8	15	62-1/4	7/8	1/2	109	Call
KLP312VES2B-ECM	12000	208-230/1/60	3030	3	ECM	2730	11.9	14.8	15-7/8	15	62-1/4	7/8	1/2	109	Call
KLP312VET3B-ECM	12000	208-230/3/60	3030	3	ECM	2730	7.7	10.0	15-7/8	15	62-1/4	7/8	1/2	109	Call
KLP315VES2B	15000	208-230/1/60	2860	3	PSC	2730	11.9	14.8	15-7/8	15	62-1/4	1-1/8	1/2	115	Call
KLP315VET3B	15000	208-230/3/60	2860	3	PSC	2730	7.7	10.0	15-7/8	15	62-1/4	1-1/8	1/2	115	Call
KLP315VES4B	15000	460/1/60	2860	3	PSC	2730	5.9	7.4	15-7/8	15	62-1/4	1-1/8	1/2	115	Call
KLP315VES2B-ECM	15000	208-230/1/60	2860	3	ECM	2730	11.9	14.8	15-7/8	15	62-1/4	1-1/8	1/2	115	Call
KLP315VET3B-ECM	15000	208-230/3/60	2860	3	ECM	2730	7.7	10.0	15-7/8	15	62-1/4	1-1/8	1/2	115	Call
KLP416VES2B	16000	208-230/1/60	4040	4	PSC	3560	15.5	19.3	15-7/8	15	78-1/4	1-1/8	1/2	127	Call
KLP416VET3B	16000	208-230/3/60	4040	4	PSC	3560	10.0	12.0	15-7/8	15	78-1/4	1-1/8	1/2	127	Call
KLP416VES4B	16000	460/1/60	4040	4	PSC	3560	7.7	9.7	15-7/8	15	78-1/4	1-1/8	1/2	127	Call
KLP416VES2B-ECM	16000	208-230/1/60	4040	4	ECM	3560	15.5	19.3	15-7/8	15	78-1/4	1-1/8	1/2	127	Call
KLP416VET3B-ECM	16000	208-230/3/60	4040	4	ECM	3560	10.0	12.0	15-7/8	15	78-1/4	1-1/8	1/2	127	Call
KLP419VES2B	19000	208-230/1/60	3810	4	PSC	3560	15.5	19.3	15-7/8	15	78-1/4	1-1/8	7/8	145	Call
KLP419VET3B	19000	208-230/3/60	3810	4	PSC	3560	10.0	12.0	15-7/8	15	78-1/4	1-1/8	7/8	145	Call
KLP419VES4B	19000	460/1/60	3810	4	PSC	3560	7.7	9.7	15-7/8	15	78-1/4	1-1/8	7/8	145	Call
KLP419VES2B-ECM	19000	208-230/1/60	3810	4	ECM	3560	15.5	19.3	15-7/8	15	78-1/4	1-1/8	7/8	145	Call
KLP419VET3B-ECM	19000	208-230/3/60	3810	4	ECM	3560	10.0	12.0	15-7/8	15	78-1/4	1-1/8	7/8	145	Call
KLP523VES2B	23000	208-230/1/60	4770	5	PSC	4400	19.1	23.9	15-7/8	15	94-1/4	1-3/8	7/8	176	Call
KLP523VET3B	23000	208-230/3/60	4770	5	PSC	4400	12.0	15.1	15-7/8	15	94-1/4	1-3/8	7/8	176	Call
KLP523VES4B	23000	460/1/60	4770	5	PSC	4400	9.6	12.0	15-7/8	15	94-1/4	1-3/8	7/8	176	Call
KLP523VES2B-ECM	23000	208-230/1/60	4770	5	ECM	4400	19.1	23.9	15-7/8	15	94-1/4	1-3/8	7/8	176	Call
KLP523VET3B-ECM	23000	208-230/3/60	4770	5	ECM	4400	12.0	15.1	15-7/8	15	94-1/4	1-3/8	7/8	176	Call
KLP627VES2B	27000	208-230/1/60	5720	6	PSC	5230	22.7	28.4	15-7/8	15	110-1/4	1-3/8	7/8	207	Call

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KLP LINE, LOW TEMP, ELECTRIC DEFROST, 4 FPI

Part No.	BTUH -20°F	Voltage	CFM	Motor		Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt (Lbs.)	Price
				Qty.	Type	Watts	Amps	MCA	H	W	L	Suction	Inlet		
KLP627VET3B	27000	208-230/3/60	5720	6	PSC	5230	15.0	18.0	15-7/8	15	110-1/4	1-3/8	7/8	207	Call
KLP627VES4B	27000	460/1/60	5720	6	PSC	5230	11.4	14.2	15-7/8	15	110-1/4	1-3/8	7/8	207	Call
KLP627VES2B-ECM	27000	208-230/1/60	5720	6	ECM	5230	22.7	28.4	15-7/8	15	110-1/4	1-3/8	7/8	207	Call
KLP627VET3B-ECM	27000	208-230/3/60	5720	6	ECM	5230	15.0	18.0	15-7/8	15	110-1/4	1-3/8	7/8	207	Call

KLP LINE, MED TEMP, HOT GAS DEFROST, 6 FPI

- Reverse cycle & 3 pipe hot gas available
- Lower heater wattage
- Prices reflect reverse cycle defrost with electric pan heater; three pipe slightly lower

Replace (*) with letter code to completely specify required configuration
T = 3 Pipe
G = Reverse Cycle
Optional Features
- Hot gas drain pan loop

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

Part No.	BTUH +20°F	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt (Lbs.)	Price
					Watts	Amps	MCA	H	W	L	Suction	Inlet		
KLP209M(*)S1B	8600	115/1/60	2020	2	410	3.6	4.5	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP209M(*)S2B	8600	208-230/1/60	2020	2	410	1.8	2.2	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP209M(*)S4B	8600	460/1/60	2020	2	410	0.9	1.1	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP211M(*)S1B	11000	115/1/60	1910	2	410	3.6	4.5	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP211M(*)S2B	11000	208-230/1/60	1910	2	410	1.8	2.2	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP211M(*)S4B	11000	460/1/60	1910	2	410	0.9	1.1	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP214M(*)S1B	14000	115/1/60	1800	2	410	3.6	4.5	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP214M(*)S2B	14000	208-230/1/60	1800	2	410	1.8	2.2	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP214M(*)S4B	14000	460/1/60	1800	2	410	0.9	1.1	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP317M(*)S1B	17000	115/1/60	2860	3	560	4.9	6.1	15-7/8	15	62-1/4	7/8	1/2	101	Call
KLP317M(*)S2B	17000	208-230/1/60	2860	3	560	2.4	3	15-7/8	15	62-1/4	7/8	1/2	101	Call
KLP317M(*)S4B	17000	460/1/60	2860	3	560	1.2	1.5	15-7/8	15	62-1/4	7/8	1/2	101	Call
KLP320M(*)S1B	20000	115/1/60	2700	3	560	4.9	6.1	15-7/8	15	62-1/4	7/8	1/2	107	Call
KLP320M(*)S2B	20000	208-230/1/60	2700	3	560	2.4	3	15-7/8	15	62-1/4	7/8	1/2	107	Call
KLP320M(*)S4B	20000	460/1/60	2700	3	560	1.2	1.5	15-7/8	15	62-1/4	7/8	1/2	107	Call
KLP423M(*)S1B	23000	115/1/60	3810	4	720	6.3	7.8	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP423M(*)S2B	23000	208-230/1/60	3810	4	720	3.1	3.9	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP423M(*)S4B	23000	460/1/60	3810	4	720	1.6	22.1	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP426M(*)S1B	26000	115/1/60	3600	4	720	6.3	7.8	15-7/8	15	78-1/4	1-1/8	1/2	135	Call
KLP426M(*)S2B	26000	208-230/1/60	3600	4	720	3.1	3.9	15-7/8	15	78-1/4	1-1/8	1/2	135	Call
KLP426M(*)S4B	26000	460/1/60	3600	4	720	1.6	22.1	15-7/8	15	78-1/4	1-1/8	1/2	135	Call
KLP532M(*)S1B	32000	115/1/60	4500	5	880	7.7	9.6	15-7/8	15	94-1/4	1-3/8	1/2	163	Call
KLP532M(*)S2B	32000	208-230/1/60	4500	5	880	3.8	4.8	15-7/8	15	94-1/4	1-3/8	1/2	163	Call
KLP532M(*)S4B	32000	460/1/60	4500	5	880	1.9	2.4	15-7/8	15	94-1/4	1-3/8	1/2	163	Call
KLP639M(*)S1B	39000	115/1/60	5400	6	1030	9	11.2	15-7/8	15	110-1/4	1-3/8	7/8	192	Call
KLP639M(*)S2B	39000	208-230/1/60	5400	6	1030	4	5	15-7/8	15	110-1/4	1-3/8	7/8	192	Call
KLP639M(*)S4B	39000	460/1/60	5400	6	1030	2.2	2.8	15-7/8	15	110-1/4	1-3/8	7/8	192	Call

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KLP LINE, LOW TEMP, HOT GAS DEFROST, 6 FPI

- Reverse cycle & 3 pipe hot gas available
- Lower heater wattage

Replace (*) with letter code to completely specify required configuration
T = 3 Pipe
G = Reverse Cycle

Optional Features

- Hot gas drain pan loop

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

				Motor		Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH -20°F	Voltage	CFM	Qty.	Type	Watts	Amps	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KLP207L(*)S2B	7400	208-230/1/60	2020	2	PSC	490	2.1	2.7	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP207L(*)S2B-ECM	7400	208-230/1/60	2020	2	ECM	490	2.1	2.7	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP207L(*)S4B	7400	460/1/60	2020	2	PSC	490	1.1	1.3	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP209L(*)S2B	9000	208-230/1/60	1910	2	PSC	490	2.1	2.7	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP209L(*)S2B-ECM	9000	208-230/1/60	1910	2	ECM	490	2.1	2.7	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP209L(*)S4B	9000	460/1/60	1910	2	PSC	490	1.1	1.3	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP211L(*)S2B	11000	208-230/1/60	1800	2	PSC	490	2.1	2.7	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP211L(*)S2B-ECM	11000	208-230/1/60	1800	2	ECM	490	2.1	2.7	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP211L(*)S4B	11000	460/1/60	1800	2	PSC	490	1.1	1.3	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP314L(*)S2B	14000	208-230/1/60	2860	3	PSC	720	3.1	3.9	15-7/8	15	62-1/4	7/8	1/2	101	Call
KLP314L(*)S2B-ECM	14000	208-230/1/60	2860	3	ECM	720	3.1	3.9	15-7/8	15	62-1/4	7/8	1/2	101	Call
KLP314L(*)S4B	14000	460/1/60	2860	3	PSC	720	1.6	2.0	15-7/8	15	62-1/4	7/8	1/2	101	Call
KLP317L(*)S2B	17000	208-230/1/60	2700	3	PSC	720	3.1	3.9	15-7/8	15	62-1/4	1-1/8	1/2	107	Call
KLP317L(*)S2B-ECM	17000	208-230/1/60	2700	3	ECM	720	3.1	3.9	15-7/8	15	62-1/4	1-1/8	1/2	107	Call
KLP317L(*)S4B	17000	460/1/60	2700	3	PSC	720	1.6	2.0	15-7/8	15	62-1/4	1-1/8	1/2	107	Call
KLP419L(*)S2B	19000	208-230/1/60	3810	4	PSC	950	4.1	5.2	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP419L(*)S2B-ECM	19000	208-230/1/60	3810	4	ECM	950	4.1	5.2	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP419L(*)S4B	19000	460/1/60	3810	4	PSC	950	2.1	2.6	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP422L(*)S2B	22000	208-230/1/60	3600	4	PSC	950	4.1	5.2	15-7/8	15	78-1/4	1-1/8	7/8	135	Call
KLP422L(*)S2B-ECM	22000	208-230/1/60	3600	4	ECM	950	4.1	5.2	15-7/8	15	78-1/4	1-1/8	7/8	135	Call
KLP422L(*)S4B	22000	460/1/60	3600	4	PSC	950	2.1	2.6	15-7/8	15	78-1/4	1 1/8	7/8	135	Call
KLP527L(*)S2B	27000	208-230/1/60	4500	5	PSC	1170	5.1	6.4	15-7/8	15	94-1/4	1-3/8	7/8	163	Call
KLP527L(*)S2B-ECM	27000	208-230/1/60	4500	5	ECM	1170	5.1	6.4	15-7/8	15	94-1/4	1-3/8	7/8	163	Call
KLP527L(*)S4B	27000	460/1/60	4500	5	PSC	1170	2.5	3.2	15-7/8	15	94-1/4	1-3/8	7/8	163	Call
KLP631L(*)S2B	31000	208-230/1/60	5400	6	PSC	1400	6.0	7.5	15-7/8	15	110-1/4	1-3/8	7/8	192	Call
KLP631L(*)S2B-ECM	31000	208-230/1/60	5400	6	ECM	1400	6.0	7.5	15-7/8	15	110-1/4	1-3/8	7/8	192	Call
KLP631L(*)S4B	31000	460/1/60	5400	6	PSC	1400	3.0	3.8	15-7/8	15	110-1/4	1-3/8	7/8	192	Call

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KLP LINE, LOW TEMP, HOT GAS DEFROST, 4 FPI

Replace (*) with letter code to completely specify required configuration
T = 3 Pipe
G = Reverse Cycle

Optional Features
- Hot gas drain pan loop

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

				Motor		Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH -20°F	Voltage	CFM	Qty.	Type	Watts	Amps	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KLP206V(*)S2B	6400	208-230/1/60	2140	2	PSC	490	2.1	2.7	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP206V(*)S2B-ECM	6400	208-230/1/60	2140	2	ECM	490	2.1	2.7	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP206V(*)S4B	6400	460/1/60	2140	2	PSC	490	1.1	1.3	15-7/8	15	46-1/4	7/8	1/2	70	Call
KLP208V(*)S2B	7800	208-230/1/60	2020	2	PSC	490	2.1	2.7	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP208V(*)S2B-ECM	7800	208-230/1/60	2020	2	ECM	490	2.1	2.7	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP208V(*)S4B	7800	460/1/60	2020	2	PSC	490	1.1	1.3	15-7/8	15	46-1/4	7/8	1/2	74	Call
KLP209V(*)S2B	9300	208-230/1/60	1910	2	PSC	490	2.1	2.7	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP209V(*)S2B-ECM	9300	208-230/1/60	1910	2	ECM	490	2.1	2.7	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP209V(*)S4B	9300	460/1/60	1910	2	PSC	490	1.1	1.3	15-7/8	15	46-1/4	7/8	1/2	78	Call
KLP312V(*)S2B	12000	208-230/1/60	3030	3	PSC	720	3.1	3.9	15-7/8	15	62-1/4	7/8	1/2	101	Call
KLP312V(*)S2B-ECM	12000	208-230/1/60	3030	3	ECM	720	3.1	3.9	15-7/8	15	62-1/4	7/8	1/2	101	Call
KLP312V(*)S4B	12000	460/1/60	3030	3	PSC	720	1.6	2.0	15-7/8	15	62-1/4	7/8	1/2	101	Call
KLP315V(*)S2B	15000	208-230/1/60	2860	3	PSC	720	3.1	3.9	15-7/8	15	62-1/4	1-1/8	1/2	107	Call
KLP315V(*)S2B-ECM	15000	208-230/1/60	2860	3	ECM	720	3.1	3.9	15-7/8	15	62-1/4	1-1/8	1/2	107	Call
KLP315V(*)S4B	15000	460/1/60	2860	3	PSC	720	1.6	2.0	15-7/8	15	62-1/4	1-1/8	1/2	107	Call
KLP416V(*)S2B	16000	208-230/1/60	4040	4	PSC	950	4.1	5.2	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP416V(*)S2B-ECM	16000	208-230/1/60	4040	4	ECM	950	4.1	5.2	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP416V(*)S4B	16000	460/1/60	4040	4	PSC	950	2.1	2.6	15-7/8	15	78-1/4	1-1/8	1/2	117	Call
KLP419V(*)S2B	19000	208-230/1/60	3810	4	PSC	950	4.1	5.2	15-7/8	15	78-1/4	1-1/8	7/8	135	Call
KLP419V(*)S2B-ECM	19000	208-230/1/60	3810	4	ECM	950	4.1	5.2	15-7/8	15	78-1/4	1-1/8	7/8	135	Call
KLP419V(*)S4B	19000	460/1/60	3810	4	PSC	950	2.1	2.6	15-7/8	15	78-1/4	1-1/8	7/8	135	Call
KLP523V(*)S2B	23000	208-230/1/60	4770	5	PSC	1170	5.1	6.4	15-7/8	15	94-1/4	1-3/8	7/8	163	Call
KLP523V(*)S2B-ECM	23000	208-230/1/60	4770	5	ECM	1170	5.1	6.4	15-7/8	15	94-1/4	1-3/8	7/8	163	Call
KLP523V(*)S4B	23000	460/1/60	4770	5	PSC	1170	2.5	3.2	15-7/8	15	94-1/4	1-3/8	7/8	163	Call
KLP627V(*)S2B	27000	208-230/1/60	5720	6	PSC	1400	6.0	7.5	15-7/8	15	110-1/4	1-3/8	7/8	192	Call
KLP627V(*)S2B-ECM	27000	208-230/1/60	5720	6	ECM	1400	6.0	7.5	15-7/8	15	110-1/4	1-3/8	7/8	192	Call
KLP627V(*)S4B	27000	460/1/60	5720	6	PSC	1400	3.0	3.8	15-7/8	15	110-1/4	1-3/8	7/8	192	Call

KLP LINE, MEDIUM TEMP, GLYCOL

Capacities rated using 30% propylene glycol with 25°F glycol entering temperature, 35°F air entering temperature at 15 GPM (US). For all other conditions please use "Pi-Coil" software (contact URI customer service)

				Motors				Dimensions (In.)			Connections (In.)			
Part No.	Capacity	Voltage	CFM	Qty.	Type	FLA	MCA	H	W	L	Inlet	Outlet	Ship Wgt (Lbs.)	Price
KLP104WAS1B	2500	115/1/60	1010	1	PSC	1	1.3	15-7/8	15	30-1/4	7/8	7/8	45	Call
KLP104WAS1B-ECM	2500	115/1/60	1010	1	ECM	1	1.3	15-7/8	15	30-1/4	7/8	7/8	45	Call
KLP104WAS2B	2500	208-230/1/60	1010	1	PSC	0.5	0.6	15-7/8	15	30-1/4	7/8	7/8	45	Call
KLP104WAS2B-ECM	2500	208-230/1/60	1010	1	ECM	0.5	0.6	15-7/8	15	30-1/4	7/8	7/8	45	Call
KLP106WAS1B	3100	115/1/60	950	1	PSC	1	1.3	15-7/8	15	30-1/4	7/8	7/8	47	Call
KLP106WAS1B-ECM	3100	115/1/60	950	1	ECM	1	1.3	15-7/8	15	30-1/4	7/8	7/8	47	Call
KLP106WAS2B	3100	208-230/1/60	950	1	PSC	0.5	0.6	15-7/8	15	30-1/4	7/8	7/8	47	Call
KLP106WAS2B-ECM	3100	208-230/1/60	950	1	ECM	0.5	0.6	15-7/8	15	30-1/4	7/8	7/8	47	Call
KLP107WAS1B	3700	115/1/60	900	1	PSC	1	1.3	15-7/8	15	30-1/4	7/8	7/8	49	Call
KLP107WAS1B-ECM	3700	115/1/60	900	1	ECM	1	1.3	15-7/8	15	30-1/4	7/8	7/8	49	Call
KLP107WAS2B	3700	208-230/1/60	900	1	PSC	0.5	0.6	15-7/8	15	30-1/4	7/8	7/8	49	Call
KLP107WAS2B-ECM	3700	208-230/1/60	900	1	ECM	0.5	0.6	15-7/8	15	30-1/4	7/8	7/8	49	Call
KLP209WAS1B	5000	115/1/60	2020	2	PSC	2	2.3	15-7/8	15	46-1/4	7/8	7/8	70	Call

WALK-IN UNIT COOLER

KLP LINE, MEDIUM TEMP, GLYCOL CONTINUED

				Motors				Dimensions (In.)			Connections (In.)			
Part No.	Capacity	Voltage	CFM	Qty.	Type	FLA	MCA	H	W	L	Inlet	Outlet	Ship Wgt (Lbs.)	Price
KLP209WAS1B-ECM	5000	115/1/60	2020	2	ECM	2	2.3	15-7/8	15	46-1/4	7/8	7/8	70	Call
KLP209WAS2B	5000	208-230/1/60	2020	2	PSC	1	1.1	15-7/8	15	46-1/4	7/8	7/8	70	Call
KLP209WAS2B-ECM	5000	208-230/1/60	2020	2	ECM	1.2	1.4	15-7/8	15	46-1/4	7/8	7/8	70	Call
KLP209WAS4B	5000	460/1/60	2020	2	PSC	0.8	0.9	15-7/8	15	46-1/4	7/8	7/8	70	Call
KLP211WAS1B	5700	115/1/60	1910	2	PSC	2	2.3	15-7/8	15	46-1/4	7/8	7/8	74	Call
KLP211WAS1B-ECM	5700	115/1/60	1910	2	ECM	2	2.3	15-7/8	15	46-1/4	7/8	7/8	74	Call
KLP211WAS2B	5700	208-230/1/60	1910	2	PSC	1	1.1	15-7/8	15	46-1/4	7/8	7/8	74	Call
KLP211WAS2B-ECM	5700	208-230/1/60	1910	2	ECM	1.2	1.4	15-7/8	15	46-1/4	7/8	7/8	74	Call
KLP211WAS4B	5700	460/1/60	1910	2	PSC	0.8	0.9	15-7/8	15	46-1/4	7/8	7/8	74	Call
KLP214WAS1B	6700	115/1/60	1800	2	PSC	2	2.3	15-7/8	15	46-1/4	7/8	7/8	78	Call
KLP214WAS1B-ECM	6700	115/1/60	1800	2	ECM	2	2.3	15-7/8	15	46-1/4	7/8	7/8	78	Call
KLP214WAS2B	6700	208-230/1/60	1800	2	PSC	1	1.1	15-7/8	15	46-1/4	7/8	7/8	78	Call
KLP214WAS2B-ECM	6700	208-230/1/60	1800	2	ECM	1.2	1.4	15-7/8	15	46-1/4	7/8	7/8	78	Call
KLP214WAS4B	6700	460/1/60	1800	2	PSC	0.8	0.9	15-7/8	15	46-1/4	7/8	7/8	78	Call
KLP317WAS1B	8000	115/1/60	2860	3	PSC	3	3.3	15-7/8	15	62-1/4	7/8	7/8	101	Call
KLP317WAS1B-ECM	8000	115/1/60	2860	3	ECM	3	3.3	15-7/8	15	62-1/4	7/8	7/8	101	Call
KLP317WAS2B	8000	208-230/1/60	2860	3	PSC	1.5	1.6	15-7/8	15	62-1/4	7/8	7/8	101	Call
KLP317WAS2B-ECM	8000	208-230/1/60	2860	3	ECM	1.8	2	15-7/8	15	62-1/4	7/8	7/8	101	Call
KLP317WAS4B	8000	460/1/60	2860	3	PSC	1.2	1.3	15-7/8	15	62-1/4	7/8	7/8	101	Call
KLP320WAS1B	9400	115/1/60	2700	3	ECM	3	3.3	15-7/8	15	62-1/4	7/8	7/8	107	Call
KLP320WAS1B-ECM	9400	115/1/60	2700	3	PSC	3	3.3	15-7/8	15	62-1/4	7/8	7/8	107	Call
KLP320WAS2B	9400	208-230/1/60	2700	3	PSC	1.5	1.6	15-7/8	15	62-1/4	7/8	7/8	107	Call
KLP320WAS2B-ECM	9400	208-230/1/60	2700	3	ECM	1.8	2	15-7/8	15	62-1/4	7/8	7/8	107	Call
KLP320WAS4B	9400	460/1/60	2700	3	PSC	1.2	1.3	15-7/8	15	62-1/4	7/8	7/8	107	Call
KLP423WAS1B	10000	115/1/60	3810	4	PSC	4	4.3	15-7/8	15	78-1/4	7/8	7/8	117	Call
KLP423WAS1B-ECM	10000	115/1/60	3810	4	ECM	4	4.3	15-7/8	15	78-1/4	7/8	7/8	117	Call
KLP423WAS2B	10000	208-230/1/60	3810	4	PSC	2	2.1	15-7/8	15	78-1/4	7/8	7/8	117	Call
KLP423WAS2B-ECM	10000	208-230/1/60	3810	4	ECM	2.4	2.6	15-7/8	15	78-1/4	7/8	7/8	117	Call
KLP423WAS4B	10000	460/1/60	3810	4	PSC	1.6	1.7	15-7/8	15	78-1/4	7/8	7/8	117	Call
KLP426WAS1B	12000	115/1/60	3600	4	PSC	4	4.3	15-7/8	15	78-1/4	7/8	7/8	135	Call
KLP426WAS1B-ECM	12000	115/1/60	3600	4	ECM	4	4.3	15-7/8	15	78-1/4	7/8	7/8	135	Call
KLP426WAS2B	12000	208-230/1/60	3600	4	PSC	2	2.1	15-7/8	15	78-1/4	7/8	7/8	135	Call
KLP426WAS2B-ECM	12000	208-230/1/60	3600	4	ECM	2.4	2.6	15-7/8	15	78-1/4	7/8	7/8	135	Call
KLP426WAS4B	12000	460/1/60	3600	4	PSC	1.6	1.7	15-7/8	15	78-1/4	7/8	7/8	135	Call
KLP532WAS1B	14000	115/1/60	4500	5	ECM	5	5.3	15-7/8	15	94-1/4	7/8	7/8	163	Call
KLP532WAS1B-ECM	14000	115/1/60	4500	5	PSC	5	5.3	15-7/8	15	94-1/4	7/8	7/8	163	Call
KLP532WAS2B	14000	208-230/1/60	4500	5	PSC	2.5	2.6	15-7/8	15	94-1/4	7/8	7/8	163	Call
KLP532WAS2B-ECM	14000	208-230/1/60	4500	5	ECM	3	3.2	15-7/8	15	94-1/4	7/8	7/8	163	Call
KLP532WAS4B	14000	460/1/60	4500	5	PSC	2	2.1	15-7/8	15	94-1/4	7/8	7/8	163	Call
KLP639WAS1B	16000	115/1/60	5400	6	PSC	6	6.3	15-7/8	15	110-1/4	7/8	7/8	192	Call
KLP639WAS1B-ECM	16000	115/1/60	5400	6	ECM	6	6.3	15-7/8	15	110-1/4	7/8	7/8	192	Call
KLP639WAS2B	16000	208-230/1/60	5400	6	PSC	3	3.1	15-7/8	15	110-1/4	7/8	7/8	192	Call
KLP639WAS2B-ECM	16000	208-230/1/60	5400	6	ECM	3.6	3.8	15-7/8	15	110-1/4	7/8	7/8	192	Call
KLP639WAS4B	16000	460/1/60	5400	6	PSC	2.4	2.5	15-7/8	15	110-1/4	7/8	7/8	192	Call

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KMP LINE, MEDIUM PROFILE



Standard Features

- Modern look
- Totally enclosed high efficiency PSC motors (-ECM models use electronically commutated motors)
- High efficiency and high strength fan guard
- Hinged doors
- Compact
- Internally enhanced tubing
- More uniform air flow
- Ample electrical and header compartments
- Proven motor/fan/motor mount design
- Liquid line solenoid valve wire harness factory installed
- Schrader valve on suction header
- Positive slope, hinged drain pan, central drain connections (approximate)
- Universal drain fitting
- Large 3/4" ID (3/4" MPT) drain hole
- Shipped in upright position

Optional Features

- Wire fan guard
- Factory installed expansion valve, solenoid valve and room thermostat

KMP LINE, MEDIUM TEMP, AIR DEFROST, 6 FPI

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

				Motor Data				Dimensions (In.)			Connections (In.)			
Part No.	BTUH +25°F	Voltage	CFM	Type	Qty.	FLA	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KMP118MAS2	18000	208-230/1/60	3430	PSC	1	1.7	2.1	27-3/4	20-3/4	50-1/4	7/8	5/8	154	Call
KMP118MAS2A-ECM	18000	208-230/1/60	3430	ECM	1	2.6	3.3	27-3/4	20-3/4	50-1/4	7/8	5/8	154	Call
KMP118MAS4	18000	460/1/60	3430	PSC	1	0.9	1.1	27-3/4	20-3/4	50-1/4	7/8	5/8	154	Call
KMP118MAS5	18000	575/1/60	3430	PSC	1	0.7	0.9	27-3/4	20-3/4	50-1/4	7/8	5/8	154	Call
KMP122MAS2	22000	208-230/1/60	3240	PSC	1	1.7	2.1	27-3/4	20-3/4	50-1/4	1-1/8	5/8	161	Call
KMP122MAS2A-ECM	22000	208-230/1/60	3240	ECM	1	2.6	3.3	27-3/4	20-3/4	50-1/4	1-1/8	5/8	161	Call
KMP122MAS4	22000	460/1/60	3240	PSC	1	0.9	1.1	27-3/4	20-3/4	50-1/4	1-1/8	5/8	161	Call
KMP122MAS5	22000	575/1/60	3240	PSC	1	0.7	0.9	27-3/4	20-3/4	50-1/4	1-1/8	5/8	161	Call
KMP228MAS2	28000	208-230/1/60	7260	PSC	2	3.4	3.8	27-3/4	20-3/4	84-1/4	1-1/8	5/8	224	Call
KMP228MAS2A-ECM	28000	208-230/1/60	7260	ECM	2	5.2	5.9	27-3/4	20-3/4	84-1/4	1-1/8	5/8	224	Call
KMP228MAS4	28000	460/1/60	7260	PSC	2	1.8	2.0	27-3/4	20-3/4	84-1/4	1-1/8	5/8	224	Call
KMP228MAS5	28000	575/1/60	7260	PSC	2	1.4	1.6	27-3/4	20-3/4	84-1/4	1-1/8	5/8	224	Call
KMP236MAS2	36000	208-230/1/60	6870	PSC	2	3.4	3.8	27-3/4	20-3/4	84-1/4	1-3/8	5/8	240	Call
KMP236MAS2A-ECM	36000	208-230/1/60	6870	ECM	2	5.2	5.9	27-3/4	20-3/4	84-1/4	1-3/8	5/8	240	Call
KMP236MAS4	36000	460/1/60	6870	PSC	2	1.8	2.0	27-3/4	20-3/4	84-1/4	1-3/8	5/8	240	Call
KMP236MAS5	36000	575/1/60	6870	PSC	2	1.4	1.6	27-3/4	20-3/4	84-1/4	1-3/8	5/8	240	Call
KMP245MAS2	45000	208-230/1/60	6480	PSC	2	3.4	3.8	27-3/4	20-3/4	84-1/4	1-3/8	7/8	254	Call
KMP245MAS2A-ECM	45000	208-230/1/60	6480	ECM	2	5.2	5.9	27-3/4	20-3/4	84-1/4	1-3/8	7/8	254	Call
KMP245MAS4	45000	460/1/60	6480	PSC	2	1.8	2.0	27-3/4	20-3/4	84-1/4	1-3/8	7/8	254	Call
KMP245MAS5	45000	575/1/60	6480	PSC	2	1.4	1.6	27-3/4	20-3/4	84-1/4	1-3/8	7/8	254	Call
KMP355MAS2	55000	208-230/1/60	10300	PSC	3	5.1	5.5	27-3/4	20-3/4	118-1/4	1-5/8	7/8	326	Call
KMP355MAS2A-ECM	55000	208-230/1/60	10300	ECM	3	7.8	8.5	27-3/4	20-3/4	118-1/4	1-5/8	7/8	326	Call
KMP355MAS4	55000	460/1/60	10300	PSC	3	2.7	2.9	27-3/4	20-3/4	118-1/4	1-5/8	7/8	326	Call
KMP355MAS5	55000	575/1/60	10300	PSC	3	2.1	2.3	27-3/4	20-3/4	118-1/4	1-5/8	7/8	326	Call
KMP368MAS2	68000	208-230/1/60	9720	PSC	3	5.1	5.5	27-3/4	20-3/4	118-1/4	1-5/8	7/8	349	Call
KMP368MAS2A-ECM	68000	208-230/1/60	9720	ECM	3	7.8	8.5	27-3/4	20-3/4	118-1/4	1-5/8	7/8	349	Call
KMP368MAS4	68000	460/1/60	9720	PSC	3	2.7	2.9	27-3/4	20-3/4	118-1/4	1-5/8	7/8	349	Call
KMP368MAS5	68000	575/1/60	9720	PSC	3	2.1	2.3	27-3/4	20-3/4	118-1/4	1-5/8	7/8	349	Call
KMP480MAS2	80000	208-230/1/60	13000	PSC	4	6.8	7.2	27-3/4	20-3/4	136-1/4	1-5/8	7/8	414	Call
KMP480MAS2A-ECM	80000	208-230/1/60	13000	ECM	4	10.4	11.1	27-3/4	20-3/4	136-1/4	1-5/8	7/8	414	Call
KMP480MAS4	80000	460/1/60	13000	PSC	4	3.6	3.8	27-3/4	20-3/4	136-1/4	1-5/8	7/8	414	Call
KMP480MAS5	80000	575/1/60	13000	PSC	4	2.8	3.0	27-3/4	20-3/4	136-1/4	1-5/8	7/8	414	Call
KMP488MAS2	88000	208-230/1/60	12200	PSC	4	6.8	7.2	27-3/4	20-3/4	136-1/4	1-5/8	7/8	433	Call
KMP488MAS2A-ECM	88000	208-230/1/60	12200	ECM	4	10.4	11.1	27-3/4	20-3/4	136-1/4	1-5/8	7/8	433	Call
KMP488MAS4	88000	460/1/60	12200	PSC	4	3.6	3.8	27-3/4	20-3/4	136-1/4	1-5/8	7/8	433	Call
KMP488MAS5	88000	575/1/60	12200	PSC	4	2.8	3.0	27-3/4	20-3/4	136-1/4	1-5/8	7/8	433	Call

WALK-IN UNIT COOLER

KMP LINE, MEDIUM TEMP, ELECTRIC DEFROST, 6 FPI

- Lower heater wattage

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

					Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH +25°F	Voltage	CFM	Motor Qty.	Watts	Amps	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KMP118MES2	18000	208-230/1/60	3430	1	3330	14.5	18.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	164	Call
KMP122MES2	22000	208-230/1/60	3240	1	3330	14.5	18.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	171	Call
KMP228MES2	28000	208-230/1/60	7260	2	6190	26.9	34.0	27-3/4	20-3/4	84-1/4	1-3/8	5/8	243	Call
KMP236MES2	36000	208-230/1/60	6870	2	6190	26.9	34.0	27-3/4	20-3/4	84-1/4	1-3/8	7/8	257	Call
KMP245MES2	45000	208-230/1/60	6480	2	6190	26.9	34.0	27-3/4	20-3/4	84-1/4	1-5/8	7/8	273	Call
KMP355MES2	55000	208-230/1/60	10300	3	9040	39.3	49.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	352	Call
KMP368MES2	68000	208-230/1/60	9720	3	9040	39.3	49.0	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	377	Call
KMP480MES2	80000	208-230/1/60	13000	4	10600	46.1	58.0	27-3/4	20-3/4	136-1/4	2-1/8	1-1/8	443	Call
KMP488MES2	88000	208-230/1/60	13000	4	10600	46.1	58.0	27-3/4	20-3/4	136-1/4	2-1/8	1-1/8	443	Call

KMP LINE, LOW, TEMP, ELECTRIC DEFROST, 6 FPI

- Lower heater wattage

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

					Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH -20°F	Voltage	CFM	Motor Qty.	Watts	Amps	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KMP116LES2	16000	208-230/1/60	3430	1	3330	14.5	18.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	164	Call
KMP116LET3	16000	208-230/3/60	3430	1	3330	9.9	12.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	164	Call
KMP116LES4	16000	460/1/60	3430	1	3330	7.2	9.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	164	Call
KMP116LET4	16000	460/3/60	3430	1	3330	5.0	6.2	27-3/4	20-3/4	50-1/4	1-1/8	5/8	164	Call
KMP116LES5	16000	575/1/60	3430	1	3330	5.8	7.2	27-3/4	20-3/4	50-1/4	1-1/8	5/8	164	Call
KMP116LET5	16000	575/3/60	3430	1	3330	4.0	5.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	164	Call
KMP119LES2	19000	208-230/1/60	3240	1	3330	14.5	18.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	171	Call
KMP119LET3	19000	208-230/3/60	3240	1	3330	9.9	12.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	171	Call
KMP119LES4	19000	460/1/60	3240	1	3330	7.2	9.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	171	Call
KMP119LET4	19000	460/3/60	3240	1	3330	5.0	6.2	27-3/4	20-3/4	50-1/4	1-1/8	5/8	171	Call
KMP119LES5	19000	575/1/60	3240	1	3330	5.8	7.2	27-3/4	20-3/4	50-1/4	1-1/8	5/8	171	Call
KMP119LET5	19000	575/3/60	3240	1	3330	4.0	5.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	171	Call
KMP225LES2	25000	208-230/1/60	7260	2	6190	26.9	34.0	27-3/4	20-3/4	84-1/4	1-3/8	5/8	243	Call
KMP225LET3	25000	208-230/3/60	7260	2	6190	18.3	23.0	27-3/4	20-3/4	84-1/4	1-3/8	5/8	243	Call
KMP225LES4	25000	460/1/60	7260	2	6190	13.5	17.0	27-3/4	20-3/4	84-1/4	1-3/8	5/8	243	Call
KMP225LET4	25000	460/3/60	7260	2	6190	9.2	11.0	27-3/4	20-3/4	84-1/4	1-3/8	5/8	243	Call
KMP225LES5	25000	575/1/60	7260	2	6190	10.8	13.0	27-3/4	20-3/4	84-1/4	1-3/8	5/8	243	Call
KMP225LET5	25000	575/3/60	7260	2	6190	7.3	9.2	27-3/4	20-3/4	84-1/4	1-3/8	5/8	243	Call
KMP232LES2	32000	208-230/1/60	6870	2	6190	26.9	34.0	27-3/4	20-3/4	84-1/4	1-3/8	7/8	257	Call
KMP232LET3	32000	208-230/3/60	6870	2	6190	18.3	23.0	27-3/4	20-3/4	84-1/4	1-3/8	7/8	257	Call
KMP232LES4	32000	460/1/60	6870	2	6190	13.5	17.0	27-3/4	20-3/4	84-1/4	1-3/8	7/8	257	Call
KMP232LET4	32000	460/3/60	6870	2	6190	9.2	11.0	27-3/4	20-3/4	84-1/4	1-3/8	7/8	257	Call
KMP232LES5	32000	575/1/60	6870	2	6190	10.8	13.0	27-3/4	20-3/4	84-1/4	1-3/8	7/8	257	Call
KMP232LET5	32000	575/3/60	6870	2	6190	7.3	9.2	27-3/4	20-3/4	84-1/4	1-3/8	7/8	257	Call
KMP240LES2	40000	208-230/1/60	6480	2	6190	26.9	34.0	27-3/4	20-3/4	84-1/4	1-5/8	7/8	273	Call
KMP240LET3	40000	208-230/3/60	6480	2	6190	18.3	23.0	27-3/4	20-3/4	84-1/4	1-5/8	7/8	273	Call
KMP240LES4	40000	460/1/60	6480	2	6190	13.5	17.0	27-3/4	20-3/4	84-1/4	1-5/8	7/8	273	Call
KMP240LET4	40000	460/3/60	6480	2	6190	9.2	11.0	27-3/4	20-3/4	84-1/4	1-5/8	7/8	273	Call
KMP240LES5	40000	575/1/60	6480	2	6190	10.8	13.0	27-3/4	20-3/4	84-1/4	1-5/8	7/8	273	Call
KMP240LET5	40000	575/3/60	6480	2	6190	7.3	9.2	27-3/4	20-3/4	84-1/4	1-5/8	7/8	273	Call
KMP348LES2	48000	208-230/1/60	10300	3	9040	39.3	49.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	352	Call
KMP348LET3	48000	208-230/3/60	10300	3	9040	26.7	33.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	352	Call

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KMP LINE, LOW, TEMP, ELECTRIC DEFROST, 6 FPI CONTINUED

					Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH -20°F	Voltage	CFM	Motor Qty.	Watts	Amps	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KMP348LES4	48000	460/1/60	10300	3	9040	19.7	25.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	352	Call
KMP348LET4	48000	460/3/60	10300	3	9040	13.4	17.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	352	Call
KMP348LES5	48000	575/1/60	10300	3	9040	15.7	20.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	352	Call
KMP348LET5	48000	575/3/60	10300	3	9040	10.7	13.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	352	Call
KMP356LES2	56000	208-230/1/60	9720	3	9040	39.3	49.0	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	377	Call
KMP356LET3	56000	208-230/3/60	9720	3	9040	26.7	33.0	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	377	Call
KMP356LES4	56000	460/1/60	9720	3	9040	19.7	25.0	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	377	Call
KMP356LET4	56000	460/3/60	9720	3	9040	13.4	17.0	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	377	Call
KMP356LES5	56000	575/1/60	9720	3	9040	15.7	20.0	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	377	Call
KMP356LET5	56000	575/3/60	9720	3	9040	10.7	13.0	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	377	Call
KMP471LES2	71000	208-230/1/60	13000	4	10600	46.1	58.0	27-3/4	20-3/4	136-1/4	2-1/8	1-1/8	443	Call
KMP471LET3	71000	208-230/3/60	13000	4	10600	31.2	39.0	27-3/4	20-3/4	136-1/4	2-1/8	1-1/8	443	Call
KMP471LES4	71000	460/1/60	13000	4	10600	23.0	29.0	27-3/4	20-3/4	136-1/4	2-1/8	1-1/8	443	Call
KMP471LET4	71000	460/3/60	13000	4	10600	15.6	19.0	27-3/4	20-3/4	136-1/4	2-1/8	1-1/8	443	Call
KMP471LES5	71000	575/1/60	13000	4	10600	18.4	23.0	27-3/4	20-3/4	136-1/4	2-1/8	1-1/8	443	Call
KMP471LET5	71000	575/3/60	13000	4	10600	12.5	16.0	27-3/4	20-3/4	136-1/4	2-1/8	1-1/8	443	Call

KMP LINE, LOW TEMP, ELECTRIC DEFROST, 4 FPI

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

					Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH -20°F	Voltage	CFM	Motor Qty.	Watts	Amps	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KMP113VES2	13000	208-230/1/60	3640	1	3330	14.5	18.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	160	Call
KMP113VET3	13000	208-230/3/60	3640	1	3330	9.9	12.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	160	Call
KMP113VES4	13000	460/1/60	3640	1	3330	7.2	9.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	160	Call
KMP113VET4	13000	460/3/60	3640	1	3330	5.0	6.2	27-3/4	20-3/4	50-1/4	1-1/8	5/8	160	Call
KMP113VES5	13000	575/1/60	3640	1	3330	5.8	7.2	27-3/4	20-3/4	50-1/4	1-1/8	5/8	160	Call
KMP113VET5	13000	575/3/60	3640	1	3330	4.0	5.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	160	Call
KMP117VES2	17000	208-230/1/60	3430	1	3330	14.5	18.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	166	Call
KMP117VET3	17000	208-230/3/60	3430	1	3330	9.9	12.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	166	Call
KMP117VES4	17000	460/1/60	3430	1	3330	7.2	9.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	166	Call
KMP117VET4	17000	460/3/60	3430	1	3330	5.0	6.2	27-3/4	20-3/4	50-1/4	1-1/8	5/8	166	Call
KMP117VES5	17000	575/1/60	3430	1	3330	5.8	7.2	27-3/4	20-3/4	50-1/4	1-1/8	5/8	166	Call
KMP117VET5	17000	575/3/60	3430	1	3330	4.0	5.0	27-3/4	20-3/4	50-1/4	1-1/8	5/8	166	Call
KMP222VES2	22000	208-230/1/60	7690	2	6190	26.9	34.0	27-3/4	20-3/4	84-1/4	1-3/8	5/8	238	Call
KMP222VET3	22000	208-230/3/60	7690	2	6190	18.3	23.0	27-3/4	20-3/4	84-1/4	1-3/8	5/8	238	Call
KMP222VES4	22000	460/1/60	7690	2	6190	13.5	17.0	27-3/4	20-3/4	84-1/4	1-3/8	5/8	238	Call
KMP222VET4	22000	460/3/60	7690	2	6190	9.2	11.0	27-3/4	20-3/4	84-1/4	1-3/8	5/8	238	Call
KMP222VES5	22000	575/1/60	7690	2	6190	10.8	13.0	27-3/4	20-3/4	84-1/4	1-3/8	5/8	238	Call
KMP222VET5	22000	575/3/60	7690	2	6190	7.3	9.2	27-3/4	20-3/4	84-1/4	1-3/8	5/8	238	Call
KMP228VES2	28000	208-230/1/60	7280	2	6190	26.9	34.0	27-3/4	20-3/4	84-1/4	1-3/8	7/8	250	Call
KMP228VET3	28000	208-230/3/60	7280	2	6190	18.3	23.0	27-3/4	20-3/4	84-1/4	1-3/8	7/8	250	Call
KMP228VES4	28000	460/1/60	7280	2	6190	13.5	17.0	27-3/4	20-3/4	84-1/4	1-3/8	7/8	250	Call
KMP228VET4	28000	460/3/60	7280	2	6190	9.2	11.0	27-3/4	20-3/4	84-1/4	1-3/8	7/8	250	Call
KMP228VES5	28000	575/1/60	7280	2	6190	10.8	13.0	27-3/4	20-3/4	84-1/4	1-3/8	7/8	250	Call
KMP228VET5	28000	575/3/60	7280	2	6190	7.3	9.2	27-3/4	20-3/4	84-1/4	1-3/8	7/8	250	Call
KMP234VES2	34000	208-230/1/60	6870	2	6190	26.9	34.0	27-3/4	20-3/4	84-1/4	1-5/8	7/8	263	Call
KMP234VET3	34000	208-230/3/60	6870	2	6190	18.3	23.0	27-3/4	20-3/4	84-1/4	1-5/8	7/8	263	Call
KMP234VES4	34000	460/1/60	6870	2	6190	13.5	17.0	27-3/4	20-3/4	84-1/4	1-5/8	7/8	263	Call

WALK-IN UNIT COOLER

KMP LINE, LOW TEMP, ELECTRIC DEFROST, 4 FPI CONTINUED

					Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH -20°F	Voltage	CFM	Motor Qty.	Watts	Amps	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KMP234VET4	34000	460/3/60	6870	2	6190	9.2	11.0	27-3/4	20-3/4	84-1/4	1-5/8	7/8	263	Call
KMP234VES5	34000	575/1/60	6870	2	6190	10.8	13.0	27-3/4	20-3/4	84-1/4	1-5/8	7/8	263	Call
KMP234VET5	34000	575/3/60	6870	2	6190	7.3	9.2	27-3/4	20-3/4	84-1/4	1-5/8	7/8	263	Call
KMP339VES2	39000	208-230/1/60	10900	3	9040	39.3	49.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	346	Call
KMP339VET3	39000	208-230/3/60	10900	3	9040	26.7	33.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	346	Call
KMP339VES4	39000	460/1/60	10900	3	9040	19.7	25.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	346	Call
KMP339VET4	39000	460/3/60	10900	3	9040	13.4	17.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	346	Call
KMP339VES5	39000	575/1/60	10900	3	9040	15.7	20.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	346	Call
KMP339VET5	39000	575/3/60	10900	3	9040	10.7	13.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	346	Call
KMP350VES2	50000	208-230/1/60	10300	3	9040	39.3	49.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	362	Call
KMP350VET3	50000	208-230/3/60	10300	3	9040	26.7	33.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	362	Call
KMP350VES4	50000	460/1/60	10300	3	9040	19.7	25.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	362	Call
KMP350VET4	50000	460/3/60	10300	3	9040	13.4	17.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	362	Call
KMP350VES5	50000	575/1/60	10300	3	9040	15.7	20.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	362	Call
KMP350VET5	50000	575/3/60	10300	3	9040	10.7	13.0	27-3/4	20-3/4	118-1/4	1-5/8	7/8	362	Call
KMP459VES2	59000	208-230/1/60	13700	4	10600	46.1	58.0	27-3/4	20-3/4	136-1/4	1-5/8	1-1/8	425	Call
KMP459VET3	59000	208-230/3/60	13700	4	10600	31.2	39.0	27-3/4	20-3/4	136-1/4	1-5/8	1-1/8	425	Call
KMP459VES4	59000	460/1/60	13700	4	10600	23.0	29.0	27-3/4	20-3/4	136-1/4	1-5/8	1-1/8	425	Call
KMP459VET4	59000	460/3/60	13700	4	10600	15.6	19.0	27-3/4	20-3/4	136-1/4	1-5/8	1-1/8	425	Call
KMP459VES5	59000	575/1/60	13700	4	10600	18.4	23.0	27-3/4	20-3/4	136-1/4	1-5/8	1-1/8	425	Call
KMP459VET5	59000	575/3/60	13700	4	10600	12.5	16.0	27-3/4	20-3/4	136-1/4	1-5/8	1-1/8	425	Call

KMP LINE, MED TEMP, HOT GAS DEFROST, 6 FPI

- Reverse cycle & 3 pipe hot gas available
- Lower heater wattage
- Prices reflect reverse cycle defrost with electric pan heater; three pipe slightly lower

Replace (*) with letter code to completely specify required configuration

T = 3 Pipe
G = Reverse Cycle
Optional Features
- Hot gas drain pan loop

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

					Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH -20°F	Voltage	CFM	Motor Qty.	Watts	Amps	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KMP118M(*)S2	18000	208-230/1/60	3430	1	534	2.3	2.9	27-3/4	20-3/4	50-1/4	7/8	5/8	156	Call
KMP118M(*)S4	18000	460/1/60	3430	1	534	1.2	1.5	27-3/4	20-3/4	50-1/4	7/8	5/8	156	Call
KMP122M(*)S2	22000	208-230/1/60	3240	1	534	2.3	2.9	27-3/4	20-3/4	50-1/4	1-1/8	7/8	164	Call
KMP122M(*)S4	22000	460/1/60	3240	1	534	1.2	1.5	27-3/4	20-3/4	50-1/4	1-1/8	7/8	164	Call
KMP228M(*)S2	28000	208-230/1/60	7260	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-1/8	7/8	228	Call
KMP228M(*)S4	28000	460/1/60	7260	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-1/8	7/8	228	Call
KMP236M(*)S2	36000	208-230/1/60	6870	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-3/8	7/8	244	Call
KMP236M(*)S4	36000	460/1/60	6870	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-3/8	7/8	244	Call
KMP245M(*)S2	45000	208-230/1/60	6480	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	258	Call
KMP245M(*)S4	45000	460/1/60	6480	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	258	Call
KMP355M(*)S2	55000	208-230/1/60	10300	3	1240	5.4	6.7	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	332	Call
KMP355M(*)S4	55000	460/1/60	10300	3	1240	2.7	3.4	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	332	Call
KMP368M(*)S2	68000	208-230/1/60	9720	3	1240	5.4	6.7	27-3/4	20-3/4	118-1/4	1-5/8	1-3/8	355	Call
KMP368M(*)S4	68000	460/1/60	9720	3	1240	2.7	3.4	27-3/4	20-3/4	118-1/4	1-5/8	1-3/8	355	Call
KMP480M(*)S2	80000	208-230/1/60	13000	4	1430	6	7.8	27-3/4	20-3/4	136-1/4	1-5/8	1-3/8	421	Call
KMP480M(*)S4	80000	460/1/60	13000	4	1430	3.1	3.9	27-3/4	20-3/4	136-1/4	1-5/8	1-3/8	421	Call
KMP488M(*)S2	88000	208-230/1/60	13000	4	1430	6	7.8	27-3/4	20-3/4	136-1/4	1-5/8	1-3/8	440	Call
KMP488M(*)S4	88000	460/1/60	13000	4	1430	3.1	3.9	27-3/4	20-3/4	136-1/4	1-5/8	1-3/8	440	Call

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KMP LINE, LOW TEMP, HOT GAS DEFROST, 6 FPI

- Reverse cycle & 3 pipe hot gas available
- Lower heater wattage
- Prices reflect reverse cycle defrost with electric pan heater; three pipe slightly lower

Replace (*) with letter code to completely specify required configuration

T = 3 Pipe
G = Reverse Cycle
Optional Features
- Hot gas drain pan loop

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

					Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH -20°F	Voltage	CFM	Motor Qty.	Watts	Amps	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KMP116L(*)S2	16000	208-230/1/60	3430	1	534	2.3	2.9	27-3/4	20-3/4	50-1/4	1-1/8	7/8	157	Call
KMP116L(*)S4	16000	460/1/60	3430	1	534	1.2	1.5	27-3/4	20-3/4	50-1/4	1-1/8	7/8	157	Call
KMP116L(*)S5	16000	575/1/60	3430	1	534	0.9	1.2	27-3/4	20-3/4	50-1/4	1-1/8	7/8	157	Call
KMP119L(*)S2	19000	208-230/1/60	3240	1	534	2.3	2.9	27-3/4	20-3/4	50-1/4	1-1/8	7/8	164	Call
KMP119L(*)S4	19000	460/1/60	3240	1	534	1.2	1.5	27-3/4	20-3/4	50-1/4	1-1/8	7/8	164	Call
KMP119L(*)S5	19000	575/1/60	3240	1	534	0.9	1.2	27-3/4	20-3/4	50-1/4	1-1/8	7/8	164	Call
KMP225L(*)S2	25000	208-230/1/60	7260	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-3/8	7/8	230	Call
KMP225L(*)S4	25000	460/1/60	7260	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-3/8	7/8	230	Call
KMP225L(*)S5	25000	575/1/60	7260	2	887	1.5	1.9	27-3/4	20-3/4	84-1/4	1-3/8	7/8	230	Call
KMP232L(*)S2	32000	208-230/1/60	6870	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	245	Call
KMP232L(*)S4	32000	460/1/60	6870	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	245	Call
KMP232L(*)S5	32000	575/1/60	6870	2	887	1.5	1.9	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	245	Call
KMP240L(*)S2	40000	208-230/1/60	6480	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-5/8	1-3/8	261	Call
KMP240L(*)S4	40000	460/1/60	6480	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-5/8	1-3/8	261	Call
KMP240L(*)S5	40000	575/1/60	6480	2	887	1.5	1.9	27-3/4	20-3/4	84-1/4	1-5/8	1-3/8	261	Call
KMP348L(*)S2	48000	208-230/1/60	10300	3	1240	5.4	6.7	27-3/4	20-3/4	118-1/4	1-5/8	1-5/8	335	Call
KMP348L(*)S4	48000	460/1/60	10300	3	1240	2.7	3.4	27-3/4	20-3/4	118-1/4	1-5/8	1-5/8	335	Call
KMP348L(*)S5	48000	575/1/60	10300	3	1240	2.2	2.7	27-3/4	20-3/4	118-1/4	1-5/8	1-5/8	335	Call
KMP356L(*)S2	56000	208-230/1/60	9720	3	1240	5.4	6.7	27-3/4	20-3/4	118-1/4	1-5/8	1-5/8	360	Call
KMP356L(*)S4	56000	460/1/60	9720	3	1240	2.7	3.4	27-3/4	20-3/4	118-1/4	1-5/8	1-5/8	360	Call
KMP356L(*)S5	56000	575/1/60	9720	3	1240	2.2	2.7	27-3/4	20-3/4	118-1/4	1-5/8	1-5/8	360	Call
KMP471L(*)S2	71000	208-230/1/60	13000	4	1430	6.2	7.8	27-3/4	20-3/4	136-1/4	2-1/8	1-5/8	423	Call
KMP471L(*)S4	71000	460/1/60	13000	4	1430	3.1	3.9	27-3/4	20-3/4	136-1/4	2-1/8	1-5/8	423	Call
KMP471L(*)S5	71000	575/1/60	13000	4	1430	2.5	3.1	27-3/4	20-3/4	136-1/4	2-1/8	1-5/8	423	Call

WALK-IN UNIT COOLER

KMP LINE, LOW TEMP, HOT GAS DEFROST, 4 FPI

- Reverse cycle & 3 pipe hot gas available
- Lower heater wattage

Replace (*) with letter code to completely specify required configuration
T = 3 Pipe
G = Reverse Cycle

Optional Features

- Hot gas drain pan loop

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

					Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH -20°F	Voltage	CFM	Motor Qty.	Watts	FLA	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KMP113V(*)S2	13000	208-230/1/60	3640	1	534	2.3	2.9	27-3/4	20-3/4	50-1/4	1-1/8	7/8	153	Call
KMP113V(*)S4	13000	460/1/60	3640	1	534	1.2	1.5	27-3/4	20-3/4	50-1/4	1-1/8	7/8	153	Call
KMP113V(*)S5	13000	575/1/60	3640	1	534	0.9	1.2	27-3/4	20-3/4	50-1/4	1-1/8	7/8	153	Call
KMP117V(*)S2	17000	208-230/1/60	3430	1	534	2.3	2.9	27-3/4	20-3/4	50-1/4	1-1/8	7/8	160	Call
KMP117V(*)S4	17000	460/1/60	3430	1	534	1.2	1.5	27-3/4	20-3/4	50-1/4	1-1/8	7/8	160	Call
KMP117V(*)S5	17000	575/1/60	3430	1	534	0.9	1.2	27-3/4	20-3/4	50-1/4	1-1/8	7/8	160	Call
KMP222V(*)S2	22000	208-230/1/60	7690	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-3/8	7/8	226	Call
KMP222V(*)S4	22000	460/1/60	7690	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-3/8	7/8	226	Call
KMP222V(*)S5	22000	575/1/60	7690	2	887	1.5	1.9	27-3/4	20-3/4	84-1/4	1-3/8	7/8	226	Call
KMP228V(*)S2	28000	208-230/1/60	7280	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	238	Call
KMP228V(*)S4	28000	460/1/60	7280	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	238	Call
KMP228V(*)S5	28000	575/1/60	7280	2	887	1.5	1.9	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	238	Call
KMP234V(*)S2	34000	208-230/1/60	6870	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-5/8	1-3/8	252	Call
KMP234V(*)S4	34000	460/1/60	6870	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-5/8	1-3/8	252	Call
KMP234V(*)S5	34000	575/1/60	6870	2	887	1.5	1.9	27-3/4	20-3/4	84-1/4	1-5/8	1-3/8	252	Call
KMP339V(*)S2	39000	208-230/1/60	10900	3	1240	5.4	6.7	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	329	Call
KMP339V(*)S4	39000	460/1/60	10900	3	1240	2.7	3.4	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	329	Call
KMP339V(*)S5	39000	575/1/60	10900	3	1240	2.2	2.7	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	329	Call
KMP350V(*)S2	50000	208-230/1/60	10300	3	1240	5.4	6.7	27-3/4	20-3/4	118-1/4	1-5/8	1-3/8	346	Call
KMP350V(*)S4	50000	460/1/60	10300	3	1240	2.7	3.4	27-3/4	20-3/4	118-1/4	1-5/8	1-3/8	346	Call
KMP350V(*)S5	50000	575/1/60	10300	3	1240	2.2	2.7	27-3/4	20-3/4	118-1/4	1-5/8	1-3/8	346	Call
KMP459V(*)S2	59000	208-230/1/60	13700	4	1430	6.2	7.8	27-3/4	20-3/4	136-1/4	1-5/8	1-5/8	406	Call
KMP459V(*)S4	59000	460/1/60	13700	4	1430	3.1	3.9	27-3/4	20-3/4	136-1/4	1-5/8	1-5/8	406	Call
KMP459V(*)S5	59000	575/1/60	13700	4	1430	2.5	3.1	27-3/4	20-3/4	136-1/4	1-5/8	1-5/8	406	Call

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KMP LINE, MED TEMP, HOT GAS DEFROST, 6 FPI

- Reverse cycle & 3 pipe hot gas available
- Lower heater wattage
- Prices reflect reverse cycle defrost with electric pan heater; three pipe slightly lower

Replace (*) with letter code to completely specify required configuration

T = 3 Pipe
G = Reverse Cycle
Optional Features
- Hot gas drain pan loop

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

KeepRite REFRIGERATION

					Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH -20°F	Voltage	CFM	Motor Qty.	Watts	Amps	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KMP118M(*)S2	18000	208-230/1/60	3430	1	534	2.3	2.9	27-3/4	20-3/4	50-1/4	7/8	5/8	156	Call
KMP118M(*)S4	18000	460/1/60	3430	1	534	1.2	1.5	27-3/4	20-3/4	50-1/4	7/8	5/8	156	Call
KMP122M(*)S2	22000	208-230/1/60	3240	1	534	2.3	2.9	27-3/4	20-3/4	50-1/4	1-1/8	7/8	164	Call
KMP122M(*)S4	22000	460/1/60	3240	1	534	1.2	1.5	27-3/4	20-3/4	50-1/4	1-1/8	7/8	164	Call
KMP228M(*)S2	28000	208-230/1/60	7260	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-1/8	7/8	228	Call
KMP228M(*)S4	28000	460/1/60	7260	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-1/8	7/8	228	Call
KMP236M(*)S2	36000	208-230/1/60	6870	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-3/8	7/8	244	Call
KMP236M(*)S4	36000	460/1/60	6870	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-3/8	7/8	244	Call
KMP245M(*)S2	45000	208-230/1/60	6480	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	258	Call
KMP245M(*)S4	45000	460/1/60	6480	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	258	Call
KMP355M(*)S2	55000	208-230/1/60	10300	3	1240	5.4	6.7	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	332	Call
KMP355M(*)S4	55000	460/1/60	10300	3	1240	2.7	3.4	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	332	Call
KMP368M(*)S2	68000	208-230/1/60	9720	3	1240	5.4	6.7	27-3/4	20-3/4	118-1/4	1-5/8	1-3/8	355	Call
KMP368M(*)S4	68000	460/1/60	9720	3	1240	2.7	3.4	27-3/4	20-3/4	118-1/4	1-5/8	1-3/8	355	Call
KMP480M(*)S2	80000	208-230/1/60	13000	4	1430	6	7.8	27-3/4	20-3/4	136-1/4	1-5/8	1-3/8	421	Call
KMP480M(*)S4	80000	460/1/60	13000	4	1430	3.1	3.9	27-3/4	20-3/4	136-1/4	1-5/8	1-3/8	421	Call
KMP488M(*)S2	88000	208-230/1/60	13000	4	1430	6	7.8	27-3/4	20-3/4	136-1/4	1-5/8	1-3/8	440	Call
KMP488M(*)S4	88000	460/1/60	13000	4	1430	3.1	3.9	27-3/4	20-3/4	136-1/4	1-5/8	1-3/8	440	Call

WALK-IN UNIT COOLER

KMP LINE, LOW TEMP, HOT GAS DEFROST, 6 FPI

- Reverse cycle & 3 pipe hot gas available
- Lower heater wattage
- Prices reflect reverse cycle defrost with electric pan heater; three pipe slightly lower

Replace (*) with letter code to completely specify required configuration

T = 3 Pipe
G = Reverse Cycle
Optional Features
- Hot gas drain pan loop

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

					Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH -20°F	Voltage	CFM	Motor Qty.	Watts	Amps	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KMP116L(*)S2	16000	208-230/1/60	3430	1	534	2.3	2.9	27-3/4	20-3/4	50-1/4	1-1/8	7/8	157	Call
KMP116L(*)S4	16000	460/1/60	3430	1	534	1.2	1.5	27-3/4	20-3/4	50-1/4	1-1/8	7/8	157	Call
KMP116L(*)S5	16000	575/1/60	3430	1	534	0.9	1.2	27-3/4	20-3/4	50-1/4	1-1/8	7/8	157	Call
KMP119L(*)S2	19000	208-230/1/60	3240	1	534	2.3	2.9	27-3/4	20-3/4	50-1/4	1-1/8	7/8	164	Call
KMP119L(*)S4	19000	460/1/60	3240	1	534	1.2	1.5	27-3/4	20-3/4	50-1/4	1-1/8	7/8	164	Call
KMP119L(*)S5	19000	575/1/60	3240	1	534	0.9	1.2	27-3/4	20-3/4	50-1/4	1-1/8	7/8	164	Call
KMP225L(*)S2	25000	208-230/1/60	7260	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-3/8	7/8	230	Call
KMP225L(*)S4	25000	460/1/60	7260	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-3/8	7/8	230	Call
KMP225L(*)S5	25000	575/1/60	7260	2	887	1.5	1.9	27-3/4	20-3/4	84-1/4	1-3/8	7/8	230	Call
KMP232L(*)S2	32000	208-230/1/60	6870	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	245	Call
KMP232L(*)S4	32000	460/1/60	6870	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	245	Call
KMP232L(*)S5	32000	575/1/60	6870	2	887	1.5	1.9	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	245	Call
KMP240L(*)S2	40000	208-230/1/60	6480	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-5/8	1-3/8	261	Call
KMP240L(*)S4	40000	460/1/60	6480	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-5/8	1-3/8	261	Call
KMP240L(*)S5	40000	575/1/60	6480	2	887	1.5	1.9	27-3/4	20-3/4	84-1/4	1-5/8	1-3/8	261	Call
KMP348L(*)S2	48000	208-230/1/60	10300	3	1240	5.4	6.7	27-3/4	20-3/4	118-1/4	1-5/8	1-5/8	335	Call
KMP348L(*)S4	48000	460/1/60	10300	3	1240	2.7	3.4	27-3/4	20-3/4	118-1/4	1-5/8	1-5/8	335	Call
KMP348L(*)S5	48000	575/1/60	10300	3	1240	2.2	2.7	27-3/4	20-3/4	118-1/4	1-5/8	1-5/8	335	Call
KMP356L(*)S2	56000	208-230/1/60	9720	3	1240	5.4	6.7	27-3/4	20-3/4	118-1/4	1-5/8	1-5/8	360	Call
KMP356L(*)S4	56000	460/1/60	9720	3	1240	2.7	3.4	27-3/4	20-3/4	118-1/4	1-5/8	1-5/8	360	Call
KMP356L(*)S5	56000	575/1/60	9720	3	1240	2.2	2.7	27-3/4	20-3/4	118-1/4	1-5/8	1-5/8	360	Call
KMP471L(*)S2	71000	208-230/1/60	13000	4	1430	6.2	7.8	27-3/4	20-3/4	136-1/4	2-1/8	1-5/8	423	Call
KMP471L(*)S4	71000	460/1/60	13000	4	1430	3.1	3.9	27-3/4	20-3/4	136-1/4	2-1/8	1-5/8	423	Call
KMP471L(*)S5	71000	575/1/60	13000	4	1430	2.5	3.1	27-3/4	20-3/4	136-1/4	2-1/8	1-5/8	423	Call

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KMP LINE, LOW TEMP, HOT GAS DEFROST, 4 FPI

- Reverse cycle & 3 pipe hot gas available
- Lower heater wattage

Replace (*) with letter code to completely specify required configuration
T = 3 Pipe
G = Reverse Cycle

Optional Features
- Hot gas drain pan loop

Capacities rated using R404A with 10°F T.D. and 100°F liquid temperature.

					Heater Data			Dimensions (In.)			Connections (In.)			
Part No.	BTUH -20°F	Voltage	CFM	Motor Qty.	Watts	FLA	MCA	H	W	L	Suction	Inlet	Ship Wgt (Lbs.)	Price
KMP113V(*)S2	13000	208-230/1/60	3640	1	534	2.3	2.9	27-3/4	20-3/4	50-1/4	1-1/8	7/8	153	Call
KMP113V(*)S4	13000	460/1/60	3640	1	534	1.2	1.5	27-3/4	20-3/4	50-1/4	1-1/8	7/8	153	Call
KMP113V(*)S5	13000	575/1/60	3640	1	534	0.9	1.2	27-3/4	20-3/4	50-1/4	1-1/8	7/8	153	Call
KMP117V(*)S2	17000	208-230/1/60	3430	1	534	2.3	2.9	27-3/4	20-3/4	50-1/4	1-1/8	7/8	160	Call
KMP117V(*)S4	17000	460/1/60	3430	1	534	1.2	1.5	27-3/4	20-3/4	50-1/4	1-1/8	7/8	160	Call
KMP117V(*)S5	17000	575/1/60	3430	1	534	0.9	1.2	27-3/4	20-3/4	50-1/4	1-1/8	7/8	160	Call
KMP222V(*)S2	22000	208-230/1/60	7690	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-3/8	7/8	226	Call
KMP222V(*)S4	22000	460/1/60	7690	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-3/8	7/8	226	Call
KMP222V(*)S5	22000	575/1/60	7690	2	887	1.5	1.9	27-3/4	20-3/4	84-1/4	1-3/8	7/8	226	Call
KMP228V(*)S2	28000	208-230/1/60	7280	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	238	Call
KMP228V(*)S4	28000	460/1/60	7280	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	238	Call
KMP228V(*)S5	28000	575/1/60	7280	2	887	1.5	1.9	27-3/4	20-3/4	84-1/4	1-3/8	1-1/8	238	Call
KMP234V(*)S2	34000	208-230/1/60	6870	2	887	3.9	4.8	27-3/4	20-3/4	84-1/4	1-5/8	1-3/8	252	Call
KMP234V(*)S4	34000	460/1/60	6870	2	887	1.9	2.4	27-3/4	20-3/4	84-1/4	1-5/8	1-3/8	252	Call
KMP234V(*)S5	34000	575/1/60	6870	2	887	1.5	1.9	27-3/4	20-3/4	84-1/4	1-5/8	1-3/8	252	Call
KMP339V(*)S2	39000	208-230/1/60	10900	3	1240	5.4	6.7	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	329	Call
KMP339V(*)S4	39000	460/1/60	10900	3	1240	2.7	3.4	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	329	Call
KMP339V(*)S5	39000	575/1/60	10900	3	1240	2.2	2.7	27-3/4	20-3/4	118-1/4	1-5/8	1-1/8	329	Call
KMP350V(*)S2	50000	208-230/1/60	10300	3	1240	5.4	6.7	27-3/4	20-3/4	118-1/4	1-5/8	1-3/8	346	Call
KMP350V(*)S4	50000	460/1/60	10300	3	1240	2.7	3.4	27-3/4	20-3/4	118-1/4	1-5/8	1-3/8	346	Call
KMP350V(*)S5	50000	575/1/60	10300	3	1240	2.2	2.7	27-3/4	20-3/4	118-1/4	1-5/8	1-3/8	346	Call
KMP459V(*)S2	59000	208-230/1/60	13700	4	1430	6.2	7.8	27-3/4	20-3/4	136-1/4	1-5/8	1-5/8	406	Call
KMP459V(*)S4	59000	460/1/60	13700	4	1430	3.1	3.9	27-3/4	20-3/4	136-1/4	1-5/8	1-5/8	406	Call
KMP459V(*)S5	59000	575/1/60	13700	4	1430	2.5	3.1	27-3/4	20-3/4	136-1/4	1-5/8	1-5/8	406	Call

WALK-IN UNIT COOLER

KHP LINE, MED TEMP, ELECTRIC DEFROST, 6 FPI



Available in sizes from 68,000 to 271,000 BTUH

- Adjustable defrost termination thermostat
- Heater safety thermostat
- Adjustable fan delay thermostat
- Improved heater clamping eliminates potential heater creepage

Part No.	BTUH +25°F ET	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt (Lbs.)	Price
					Watts	Amps	MCA	H	W	L	Suction	Inlet		
KHP068MET3A	67900	208-230/3/60	16800	2	17150	46.1	57.7	53-1/32	40-1/2	99	1-5/8	1-1/8	689	Call
KHP068MET4A	67900	460/3/60	16800	2	17150	23.2	29.0	53-1/32	40-1/2	99	1-5/8	1-1/8	689	Call
KHP068MET5A	67900	575/3/60	16800	2	17150	18.6	23.2	53-1/32	40-1/2	99	2-1/8	1-3/8	689	Call
KHP081MET3A	81300	208-230/3/60	15600	2	19600	55.4	70.2	53-1/32	40-1/2	99	2-1/8	1-3/8	731	Call
KHP081MET4A	81300	460/3/60	15600	2	19600	27.7	34.6	53-1/32	40-1/2	99	2-1/8	1-3/8	731	Call
KHP081MET5A	81300	575/3/60	15600	2	19600	22.1	27.6	53-1/32	40-1/2	99	2-1/8	1-3/8	731	Call
KHP092MET3A	91500	208-230/3/60	14700	2	24500	64.8	81.0	53-1/32	40-1/2	99	2-1/8	1-3/8	774	Call
KHP092MET4A	91500	460/3/60	14700	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	774	Call
KHP092MET5A	91500	575/3/60	14700	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	774	Call
KHP108MET3A	108000	208-230/3/60	15900	2	24500	64.8	81.0	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP108MET4A	108000	460/3/60	15900	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP108MET5A	108000	575/3/60	15900	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP123MET3A	123000	208-230/3/60	23400	3	28000	79.0	98.8	53-21/32	40-1/2	139	2-5/8	1-3/8	1049	Call
KHP123MET4A	123000	460/3/60	23400	3	28000	39.5	49.4	53-21/32	40-1/2	139	2-5/8	1-3/8	1049	Call
KHP123MET5A	123000	575/3/60	23400	3	28000	31.6	39.5	53-21/32	40-1/2	139	2-5/8	1-3/8	1049	Call
KHP135MET3A	135000	208-230/3/60	22000	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-5/8	1-5/8	1113	Call
KHP135MET4A	135000	460/3/60	22000	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-5/8	1-5/8	1113	Call
KHP135MET5A	135000	575/3/60	22000	3	35000	37.0	46.3	53-21/32	40-1/2	139	2-5/8	1-5/8	1113	Call
KHP162MET3A	162000	208-230/3/60	23900	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-5/8	1-5/8	1177	Call
KHP162MET4A	162000	460/3/60	23900	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-5/8	1-5/8	1177	Call
KHP162MET5A	162000	575/3/60	23900	3	35000	37.0	46.3	53-21/32	40-1/2	139	2-5/8	1-5/8	1177	Call
KHP181MET3A	181000	208-230/3/60	26100	4	36000	95.2	119.0	56-21/32	40-1/2	145	2-5/8	1-5/8	1452	Call
KHP181MET4A	181000	460/3/60	26100	4	36000	47.6	59.5	56-21/32	40-1/2	145	2-5/8	1-5/8	1452	Call
KHP181MET5A	181000	575/3/60	26100	4	36000	38.1	47.6	56-21/32	40-1/2	145	2-5/8	1-5/8	1452	Call
KHP221MET3A	221000	208-230/3/60	36300	4	47000	124.4	155.5	57-9/32	40-1/2	187	3-1/8	1-5/8	1558	Call
KHP221MET4A	221000	460/3/60	36300	4	47000	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1558	Call
KHP221MET5A	221000	575/3/60	36300	4	47000	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1558	Call
KHP243MET3A	243000	208-230/3/60	34800	4	47000	124.4	155.5	57-9/32	40-1/2	187	3-1/8	1-5/8	1664	Call
KHP243MET4A	243000	460/3/60	34800	4	47000	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1664	Call
KHP243MET5A	243000	575/3/60	34800	4	47000	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1664	Call
KHP271MET4A	271000	460/3/60	32000	4	56400	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1876	Call
KHP271MET5A	271000	575/3/60	32000	4	56400	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1876	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KHP LINE, MED TEMP, HIGH VELOCITY, ELECTRIC DEFROST, 6 FPI

Available in sizes from 79,000 to 307,000 BTUH

- Adjustable defrost termination thermostat
- Heater safety thermostat
- Adjustable fan delay thermostat
- Improved heater clamping eliminates potential heater creepage
- Maximum fuse is for heater circuits only; "/" indicates multiple circuits; motor fusing listed separately

Part No.	BTUH +10°F ET	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt (Lbs.)	Price
					Watts	Amps	MCA	H	W	L	Suction	Inlet		
KHP068MET3AV	79000	208-230/3/60	23800	2	17150	46.1	57.7	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP068MET4AV	79000	460/3/60	23800	2	17150	23.2	29	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP068MET5AV	79000	575/3/60	23800	2	17150	18.6	23.2	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP081MET3AV	97000	208-230/3/60	22800	2	19600	55.4	70.2	53-1/32	40-1/2	99	1-5/8	1-3/8	731	Call
KHP081MET4AV	97000	460/3/60	22800	2	19600	27.7	34.6	53-1/32	40-1/2	99	1-5/8	1-3/8	731	Call
KHP081MET5AV	97000	575/3/60	22800	2	19600	22.1	27.6	53-1/32	40-1/2	99	1-5/8	1-3/8	731	Call
KHP092MET3AV	112000	208-230/3/60	21700	2	24500	64.8	81	53-1/32	40-1/2	99	1-5/8	1-3/8	774	Call
KHP092MET4AV	112000	460/3/60	21700	2	24500	32.4	40.5	53-1/32	40-1/2	99	1-5/8	1-3/8	774	Call
KHP092MET5AV	112000	575/3/60	21700	2	24500	25.9	32.4	53-1/32	40-1/2	99	1-5/8	1-3/8	774	Call
KHP108MET3AV	122000	208-230/3/60	20800	2	24500	64.8	81	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP108MET4AV	122000	460/3/60	20800	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP108MET5AV	122000	575/3/60	20800	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP123MET3AV	146000	208-230/3/60	34200	3	28000	79.0	98.8	53-1/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP123MET4AV	146000	460/3/60	34200	3	28000	39.5	49.4	53-1/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP123MET5AV	146000	575/3/60	34200	3	28000	31.6	39.5	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP135MET3AV	164000	208-230/3/60	32600	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP135MET4AV	164000	460/3/60	32600	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP135MET5AV	164000	575/3/60	32600	3	35000	37.0	46.3	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP162MET3AV	182000	208-230/3/60	31200	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP162MET4AV	182000	460/3/60	31200	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP162MET5AV	182000	575/3/60	31200	3	35000	37.0	46.3	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP181MET3AV	205000	208-230/3/60	32900	3	36000	95.2	119	57-9/32	40-1/2	145	2-1/8	1-3/8	1452	Call
KHP181MET4AV	205000	460/3/60	32900	3	36000	47.6	59.5	57-9/32	40-1/2	145	2-1/8	1-3/8	1452	Call
KHP181MET5AV	205000	575/3/60	32900	3	36000	38.1	47.6	57-9/32	40-1/2	145	2-1/8	1-3/8	1452	Call
KHP221MET3AV	251000	208-230/3/60	45500	4	47000	124.4	155.5	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP221MET4AV	251000	460/3/60	45500	4	47000	70.8	88.6	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP221MET5AV	251000	575/3/60	45500	4	47000	56.6	70.8	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP243MET3AV	277000	208-230/3/60	43800	4	47000	124.4	155.5	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP243MET4AV	277000	460/3/60	43800	4	47000	70.8	88.6	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP243MET5AV	277000	575/3/60	43800	4	47000	56.6	70.8	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP271MET4AV	307000	460/3/60	40900	4	56400	70.8	88.6	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call
KHP271MET5AV	307000	575/3/60	40900	4	56400	56.6	70.8	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call

(Call) Please contact your local Aireco branch for pricing.

WALK-IN UNIT COOLER

KHP LINE, MED TEMP, ELECTRIC DEFROST, 4 FPI

Available in sizes from 59,000 to 256,000 BTUH

- Adjustable defrost termination thermostat
- Heater safety thermostat
- Adjustable fan delay thermostat
- Improved heater clamping eliminates potential heater creepage

Part No.	BTUH +20°F ET	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt (Lbs.)	Price
					Watts	Amps	MCA	H	W	L	Suction	Inlet		
KHP059PET3A	59000	208-230/3/60	17500	2	17150	46.1	57.7	53-1/32	40-1/2	99	1-5/8	1-1/8	689	Call
KHP059PET4A	59000	460/3/60	17500	2	17150	23.2	29.0	53-1/32	40-1/2	99	1-5/8	1-1/8	689	Call
KHP059PET5A	59000	575/3/60	17500	2	17150	18.6	23.2	53-1/32	40-1/2	99	2-1/8	1-3/8	689	Call
KHP072PET3A	72000	208-230/3/60	16500	2	19600	55.4	70.2	53-1/32	40-1/2	99	2-1/8	1-3/8	731	Call
KHP072PET4A	72000	460/3/60	16500	2	19600	27.7	34.6	53-1/32	40-1/2	99	2-1/8	1-3/8	731	Call
KHP072PET5A	72000	575/3/60	16500	2	19600	22.1	27.6	53-1/32	40-1/2	99	2-1/8	1-3/8	731	Call
KHP083PET3A	82600	208-230/3/60	15600	2	24500	64.8	81.0	53-1/32	40-1/2	99	2-1/8	1-3/8	774	Call
KHP083PET4A	82600	460/3/60	15600	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	774	Call
KHP083PET5A	82600	575/3/60	15600	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	774	Call
KHP091PET3A	91000	208-230/3/60	14800	2	24500	64.8	81.0	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP091PET4A	91000	460/3/60	14800	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP091PET5A	91000	575/3/60	14800	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP109PET3A	109000	208-230/3/60	24800	3	28000	79.0	98.8	53-21/32	40-1/2	139	2-5/8	1-3/8	1049	Call
KHP109PET4A	109000	460/3/60	24800	3	28000	39.5	49.4	53-21/32	40-1/2	139	2-5/8	1-3/8	1049	Call
KHP109PET5A	109000	575/3/60	24800	3	28000	31.6	39.5	53-21/32	40-1/2	139	2-5/8	1-3/8	1049	Call
KHP122PET3A	122000	208-230/3/60	23400	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-5/8	1-5/8	1113	Call
KHP122PET4A	122000	460/3/60	23400	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-5/8	1-5/8	1113	Call
KHP122PET5A	122000	575/3/60	23400	3	35000	37.0	46.3	53-21/32	40-1/2	139	2-5/8	1-5/8	1113	Call
KHP137PET3A	137000	208-230/3/60	22300	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-5/8	1-5/8	1177	Call
KHP137PET4A	137000	460/3/60	22300	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-5/8	1-5/8	1177	Call
KHP137PET5A	137000	575/3/60	22300	3	35000	37.0	46.3	53-21/32	40-1/2	139	2-5/8	1-5/8	1177	Call
KHP150PET3A	150000	208-230/3/60	28600	4	36000	95.2	119.0	57-9/32	40-1/2	145	2-5/8	1-5/8	1452	Call
KHP150PET4A	150000	460/3/60	28600	4	36000	47.6	59.5	57-9/32	40-1/2	145	2-5/8	1-5/8	1452	Call
KHP150PET5A	150000	575/3/60	28600	4	36000	38.1	47.6	57-9/32	40-1/2	145	2-5/8	1-5/8	1452	Call
KHP164PET3A	164000	208-230/3/60	27500	4	36000	95.2	119.0	57-9/32	40-1/2	145	2-5/8	1-5/8	1452	Call
KHP164PET4A	164000	460/3/60	27500	4	36000	47.6	59.5	57-9/32	40-1/2	145	2-5/8	1-5/8	1452	Call
KHP164PET5A	164000	575/3/60	27500	4	36000	38.1	47.6	57-9/32	40-1/2	145	2-5/8	1-5/8	1452	Call
KHP200PET3A	200000	208-230/3/60	38100	4	47000	124.4	155.5	57-9/32	40-1/2	187	3-1/8	1-5/8	1558	Call
KHP200PET4A	200000	460/3/60	38100	4	47000	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1558	Call
KHP200PET5A	200000	575/3/60	38100	4	47000	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1558	Call
KHP222PET3A	222000	208-230/3/60	36600	4	47000	124.4	155.5	57-9/32	40-1/2	187	3-1/8	1-5/8	1664	Call
KHP222PET4A	222000	460/3/60	36600	4	47000	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1664	Call
KHP222PET5A	222000	575/3/60	36600	4	47000	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1664	Call
KHP256PET4A	256000	460/3/60	34400	4	56400	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1876	Call
KHP256PET5A	256000	575/3/60	34400	4	56400	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1876	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KHP LINE, MED TEMP, HIGH VELOCITY, ELECTRIC DEFROST, 4 FPI

Available in sizes from 67,000 to 288,000 BTUH

- Adjustable defrost termination thermostat
- Heater safety thermostat
- Adjustable fan delay thermostat
- Improved heater clamping eliminates potential heater creepage
- Maximum fuse is for heater circuits only; "/" indicates multiple circuits; motor fusing listed separately

Part No.	BTUH +20°F ET	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt (Lbs.)	Price
					Watts	Amps	MCA	H	W	L	Suction	Inlet		
KHP059PET3AV	67000	208-230/3/60	24400	2	17150	46.1	57.7	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP059PET4AV	67000	460/3/60	24400	2	17150	23.2	29	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP059PET5AV	67000	575/3/60	24400	2	17150	18.6	23.2	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP072PET3AV	83000	208-230/3/60	23600	2	19600	55.4	70.2	53-1/32	40-1/2	99	1-5/8	1-1/8	731	Call
KHP072PET4AV	83000	460/3/60	23600	2	19600	27.7	34.6	53-1/32	40-1/2	99	1-5/8	1-1/8	731	Call
KHP072PET5AV	83000	575/3/60	23600	2	19600	22.1	27.6	53-1/32	40-1/2	99	1-5/8	1-1/8	731	Call
KHP083PET3AV	94000	208-230/3/60	22800	2	24500	64.8	81	53-1/32	40-1/2	99	1-5/8	1-1/8	774	Call
KHP083PET4AV	94000	460/3/60	22800	2	24500	32.4	40.5	53-1/32	40-1/2	99	1-5/8	1-1/8	774	Call
KHP083PET5AV	94000	575/3/60	22800	2	24500	25.9	32.4	53-1/32	40-1/2	99	1-5/8	1-1/8	774	Call
KHP091PET3AV	107000	208-230/3/60	21900	2	24500	64.8	81	53-1/32	40-1/2	99	1-5/8	1-3/8	816	Call
KHP091PET4AV	107000	460/3/60	21900	2	24500	32.4	40.5	53-1/32	40-1/2	99	1-5/8	1-3/8	816	Call
KHP091PET5AV	107000	575/3/60	21900	2	24500	25.9	32.4	53-1/32	40-1/2	99	1-5/8	1-3/8	816	Call
KHP109PET3AV	125000	208-230/3/60	35400	3	28000	79.0	98.8	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP109PET4AV	125000	460/3/60	35400	3	28000	39.5	49.4	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP109PET5AV	125000	575/3/60	35400	3	28000	31.6	39.5	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP122PET3AV	147000	208-230/3/60	34100	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP122PET4AV	147000	460/3/60	34100	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP122PET5AV	147000	575/3/60	34100	3	35000	37.0	46.3	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP137PET3AV	161000	208-230/3/60	32900	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP137PET4AV	161000	460/3/60	32900	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP137PET5AV	161000	575/3/60	32900	3	35000	37.0	46.3	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP150PET3AV	165000	208-230/3/60	35400	3	36000	95.2	119	53-21/32	40-1/2	145	2-1/8	1-3/8	1452	Call
KHP150PET4AV	165000	460/3/60	35400	3	36000	47.6	59.5	53-21/32	40-1/2	145	2-1/8	1-3/8	1452	Call
KHP150PET5AV	165000	575/3/60	35400	3	36000	38.1	47.6	53-21/32	40-1/2	145	2-1/8	1-3/8	1452	Call
KHP164PET3AV	187000	208-230/3/60	34300	3	36000	95.2	119	53-21/32	40-1/2	145	2-1/8	1-3/8	1452	Call
KHP164PET4AV	187000	460/3/60	34300	3	36000	47.6	59.5	53-21/32	40-1/2	145	2-1/8	1-3/8	1452	Call
KHP164PET5AV	187000	575/3/60	34300	3	36000	38.1	47.6	53-21/32	40-1/2	145	2-1/8	1-3/8	1452	Call
KHP200PET3AV	218000	208-230/3/60	47200	4	47000	124.4	155.5	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP200PET4AV	218000	460/3/60	47200	4	47000	70.8	88.6	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP200PET5AV	218000	575/3/60	47200	4	47000	56.6	70.8	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP222PET3AV	246000	208-230/3/60	45800	4	47000	124.4	155.5	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP222PET4AV	246000	460/3/60	45800	4	47000	70.8	88.6	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP222PET5AV	246000	575/3/60	45800	4	47000	56.6	70.8	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP256PET4AV	288000	460/3/60	43200	4	56400	70.8	88.6	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call
KHP256PET5AV	288000	575/3/60	43200	4	56400	56.6	70.8	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call

(Call) Please contact your local Aireco branch for pricing.

WALK-IN UNIT COOLER

KHP LINE, LOW TEMP, ELECTRIC DEFROST, 6 FPI

- Adjustable defrost termination thermostat
- Heater safety thermostat
- Fixed fan delay thermostat
- Improved heater clamping eliminates potential heater creepage



Part No.	BTUH -20°F ET	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt (Lbs.)	Price
					Watts	Amps	MCA	H	W	L	Suction	Inlet		
KHP065LET3A	64300	208-230/3/60	18900	2	17150	46.1	57.7	53-1/32	40-1/2	99	2-1/8	1-3/8	689	Call
KHP065LET4A	64300	460/3/60	18900	2	17150	23.2	29	53-1/32	40-1/2	99	2-1/8	1-3/8	689	Call
KHP065LET5A	64300	575/3/60	18900	2	17150	18.6	23.2	53-1/32	40-1/2	99	2-1/8	1-3/8	689	Call
KHP078LET3A	78200	208-230/3/60	17800	2	19600	55.4	70.2	53-1/32	40-1/2	99	2-1/8	1-3/8	731	Call
KHP078LET4A	78200	460/3/60	17800	2	19600	27.7	34.6	53-1/32	40-1/2	99	2-1/8	1-3/8	731	Call
KHP078LET5A	78200	575/3/60	17800	2	19600	22.1	27.6	53-1/32	40-1/2	99	2-1/8	1-3/8	731	Call
KHP089LET3A	89000	208-230/3/60	16900	2	24500	64.8	81.0	53-1/32	40-1/2	99	2-1/8	1-3/8	774	Call
KHP089LET4A	89000	460/3/60	16900	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	774	Call
KHP089LET5A	89000	575/3/60	16900	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	774	Call
KHP094LET3A	94100	208-230/3/60	15930	2	24500	64.8	81.0	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP094LET4A	94100	460/3/60	15930	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP094LET5A	94100	575/3/60	15930	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP118LET3A	118000	208-230/3/60	26730	3	28000	79.0	98.8	53-21/32	40-1/2	139	2-5/8	1-3/8	1049	Call
KHP118LET4A	118000	460/3/60	26730	3	28000	39.5	49.4	53-21/32	40-1/2	139	2-5/8	1-3/8	1049	Call
KHP118LET5A	118000	575/3/60	26730	3	28000	31.6	39.5	53-21/32	40-1/2	139	2-5/8	1-3/8	1049	Call
KHP134LET3A	134000	208-230/3/60	25310	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-5/8	1-5/8	1113	Call
KHP134LET4A	134000	460/3/60	25310	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-5/8	1-5/8	1113	Call
KHP134LET5A	134000	575/3/60	25310	3	35000	37.0	46.3	53-21/32	40-1/2	139	2-5/8	1-5/8	1113	Call
KHP143LET3A	143000	208-230/3/60	23890	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-5/8	1-5/8	1177	Call
KHP143LET4A	143000	460/3/60	23890	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-5/8	1-5/8	1177	Call
KHP143LET5A	143000	575/3/60	23890	3	35000	37.0	46.3	53-21/32	40-1/2	139	2-5/8	1-5/8	1177	Call
KHP161LET3A	161000	208-230/3/60	26080	3	36000	95.2	119	56-21/32	40-1/2	145	2-5/8	1-5/8	1272	Call
KHP161LET4A	161000	460/3/60	26080	3	36000	47.6	59.5	56-21/32	40-1/2	145	2-5/8	1-5/8	1272	Call
KHP161LET5A	161000	575/3/60	26080	3	36000	38.1	47.6	56-21/32	40-1/2	145	2-5/8	1-5/8	1272	Call
KHP175LET3A	175000	208-230/3/60	38100	4	37600	106.2	132.9	57-9/32	40-1/2	187	2-5/8	1-5/8	1452	Call
KHP175LET4A	175000	460/3/60	38100	4	37600	54.0	67.6	57-9/32	40-1/2	187	2-5/8	1-5/8	1452	Call
KHP175LET5A	175000	575/3/60	38100	4	37600	42.5	53.1	57-9/32	40-1/2	187	2-5/8	1-5/8	1452	Call
KHP198LET3A	198000	208-230/3/60	36290	4	47000	124.4	155.5	57-9/32	40-1/2	187	3-1/8	1-5/8	1558	Call
KHP198LET4A	198000	460/3/60	36290	4	47000	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1558	Call
KHP198LET5A	198000	575/3/60	36290	4	47000	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1558	Call
KHP216LET3A	216000	208-230/3/60	34770	4	47000	124.4	155.5	57-9/32	40-1/2	187	3-1/8	1-5/8	1664	Call
KHP216LET4A	216000	460/3/60	34770	4	47000	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1664	Call
KHP216LET5A	216000	575/3/60	34770	4	47000	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1664	Call
KHP228LET4A	228000	460/3/60	32000	4	56400	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1876	Call
KHP228LET5A	228000	575/3/60	32000	4	56400	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1876	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KHP LINE, LOW TEMP, HIGH VELOCITY, ELECTRIC DEFROST, 6 FPI

Available in sizes from 68,000 to 253,000 BTUH

- Adjustable defrost termination thermostat
- Heater safety thermostat
- Fixed fan delay thermostat
- Improved heater clamping eliminates potential heater creepage
- Maximum fuse is for heater circuits only; "/" indicates multiple circuits; motor fusing listed separately

Part No.	BTUH -20°F ET	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					Watts	Amps	MCA	H	W	L	Suction	Inlet		
KHP065LET3AV	68000	208-230/3/60	23800	2	17150	46.1	57.7	53-1/32	40-1/2	99	2-1/8	1-3/8	689	Call
KHP065LET4AV	68000	460/3/60	23800	2	17150	23.2	29	53-1/32	40-1/2	99	2-1/8	1-3/8	689	Call
KHP065LET5AV	68000	575/3/60	23800	2	17150	18.6	23.2	53-1/32	40-1/2	99	2-1/8	1-3/8	689	Call
KHP078LET3AV	86000	208-230/3/60	22800	2	19600	55.4	70.2	53-1/32	40-1/2	99	2-1/8	1-3/8	731	Call
KHP078LET4AV	86000	460/3/60	22800	2	19600	27.7	34.6	53-1/32	40-1/2	99	2-1/8	1-3/8	731	Call
KHP078LET5AV	86000	575/3/60	22800	2	19600	22.1	27.6	53-1/32	40-1/2	99	2-1/8	1-3/8	731	Call
KHP089LET3AV	94000	208-230/3/60	21700	2	24500	64.8	81	53-1/32	40-1/2	99	2-1/8	1-3/8	744	Call
KHP089LET4AV	94000	460/3/60	21700	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	744	Call
KHP089LET5AV	94000	575/3/60	21700	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	744	Call
KHP094LET3AV	105000	208-230/3/60	20800	2	24500	64.8	81	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP094LET4AV	105000	460/3/60	20800	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP094LET5AV	105000	575/3/60	20800	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP118LET3AV	125000	208-230/3/60	34200	3	28000	79.0	98.8	53-21/32	40-1/2	139	2-5/8	1-3/8	1049	Call
KHP118LET4AV	125000	460/3/60	34200	3	28000	39.5	49.4	53-21/32	40-1/2	139	2-5/8	1-3/8	1049	Call
KHP118LET5AV	125000	575/3/60	34200	3	28000	31.6	39.5	53-21/32	40-1/2	139	2-5/8	1-3/8	1049	Call
KHP134LET3AV	147000	208-230/3/60	32600	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-5/8	1-5/8	1113	Call
KHP134LET4AV	147000	460/3/60	32600	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-5/8	1-5/8	1113	Call
KHP134LET5AV	147000	575/3/60	32600	3	35000	37.0	46.3	53-21/32	40-1/2	139	2-5/8	1-5/8	1113	Call
KHP143LET3AV	164000	208-230/3/60	31200	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-5/8	1-5/8	1177	Call
KHP143LET4AV	164000	460/3/60	31200	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-5/8	1-5/8	1177	Call
KHP143LET5AV	164000	575/3/60	31200	3	35000	37.0	46.3	53-21/32	40-1/2	139	2-5/8	1-5/8	1177	Call
KHP161LET3AV	180000	208-230/3/60	32900	3	36000	95.2	119	56-21/32	40-1/2	145	2-5/8	1-5/8	1272	Call
KHP161LET4AV	180000	460/3/60	32900	3	36000	47.6	59.5	56-21/32	40-1/2	145	2-5/8	1-5/8	1272	Call
KHP161LET5AV	180000	575/3/60	32900	3	36000	38.1	47.6	56-21/32	40-1/2	145	2-5/8	1-5/8	1272	Call
KHP175LET3AV	183000	208-230/3/60	47200	4	37600	106.2	132.9	57-9/32	40-1/2	187	2-5/8	1-5/8	1452	Call
KHP175LET4AV	183000	460/3/60	47200	4	37600	54.0	67.6	57-9/32	40-1/2	187	2-5/8	1-5/8	1452	Call
KHP175LET5AV	183000	575/3/60	47200	4	37600	42.5	53.1	57-9/32	40-1/2	187	2-5/8	1-5/8	1452	Call
KHP198LET3AV	214000	208-230/3/60	45500	4	47000	124.4	155.5	57-9/32	40-1/2	187	3-1/8	1-5/8	1558	Call
KHP198LET4AV	214000	460/3/60	45500	4	47000	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1558	Call
KHP198LET5AV	214000	575/3/60	45500	4	47000	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1558	Call
KHP216LET3AV	240000	208-230/3/60	43800	4	47000	124.4	155.5	57-9/32	40-1/2	187	3-1/8	1-5/8	1664	Call
KHP216LET4AV	240000	460/3/60	43800	4	47000	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1664	Call
KHP216LET5AV	240000	575/3/60	43800	4	47000	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1664	Call
KHP228LET4AV	253000	460/3/60	40900	4	56400	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1876	Call
KHP228LET5AV	253000	575/3/60	40900	4	56400	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1876	Call

(Call) Please contact your local Aireco branch for pricing.

WALK-IN UNIT COOLER

KHP LINE, LOW TEMP, ELECTRIC DEFROST, 4 FPI

- Adjustable defrost termination thermostat
- Heater safety thermostat
- Fixed fan delay thermostat
- Improved heater clamping eliminates potential heater creepage

Part No.	BTUH -20°F ET	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					Watts	Amps	MCA	H	W	L	Suction	Inlet		
KHP055VET3A	55000	208-230/3/60	19500	2	17150	46.1	57.7	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP055VET4A	55000	460/3/60	19500	2	17150	23.2	29	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP055VET5A	55000	575/3/60	19500	2	17150	18.6	23.2	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP066VET3A	66000	208-230/3/60	18600	2	19600	55.4	70.2	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP066VET4A	66000	460/3/60	18600	2	19600	27.7	34.6	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP066VET5A	66000	575/3/60	18600	2	19600	22.1	27.6	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP076VET3A	76000	208-230/3/60	17800	2	24500	64.8	81.0	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP076VET4A	76000	460/3/60	17800	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP076VET5A	76000	575/3/60	17800	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP087VET3A	87000	208-230/3/60	17000	2	24500	64.8	81.0	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP087VET4A	87000	460/3/60	17000	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP087VET5A	87000	575/3/60	17000	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP100VET3A	100000	208-230/3/60	27900	3	28000	79	98.8	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP100VET4A	100000	460/3/60	27900	3	28000	39.5	49.4	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP100VET5A	100000	575/3/60	27900	3	28000	31.6	39.5	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP114VET3A	114000	208-230/3/60	26700	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP114VET4A	114000	460/3/60	26700	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP114VET5A	114000	575/3/60	26700	3	35000	37	46.3	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP127VET3A	127000	208-230/3/60	25500	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP127VET4A	127000	460/3/60	25500	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP127VET5A	127000	575/3/60	25500	3	35000	37	46.3	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP145VET3A	145000	208-230/3/60	27400	3	36000	95.2	119	56-21/32	40-1/2	145	2-5/8	1-3/8	1219	Call
KHP145VET4A	145000	460/3/60	27400	3	36000	47.6	59.5	56-21/32	40-1/2	145	2-5/8	1-3/8	1219	Call
KHP145VET5A	145000	575/3/60	27400	3	36000	38.1	47.6	56-21/32	40-1/2	145	2-5/8	1-3/8	1219	Call
KHP172VET3A	172000	208-230/3/60	38100	4	47000	124.4	155.5	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP172VET4A	172000	460/3/60	38100	4	47000	70.8	88.6	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP172VET5A	172000	575/3/60	38100	4	47000	56.6	70.8	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP187VET3A	187000	208-230/3/60	36600	4	47000	124.4	155.5	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP187VET4A	187000	460/3/60	36600	4	47000	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP187VET5A	187000	575/3/60	36600	4	47000	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP217VET4A	217000	460/3/60	34400	4	56400	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call
KHP217VET5A	217000	575/3/60	34400	4	56400	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KHP LINE, LOW TEMP, HIGH VELOCITY, ELECTRIC DEFROST, 4 FPI

Available in sizes from 59,000 to 242,000 BTUH

- Adjustable defrost termination thermostat
- Heater safety thermostat
- Fixed fan delay thermostat
- Improved heater clamping eliminates potential heater creepage
- Maximum fuse is for heater circuits only; "/" indicates multiple circuits; motor fusing listed separately

Part No.	BTUH -20°F ET	Voltage	CFM	Motor Qty.	Heater Data			Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					Watts	Amps	MCA	H	W	L	Suction	Inlet		
KHP055VET3AV	59000	208-230/3/60	24400	2	17150	46.1	57.7	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP055VET4AV	59000	460/3/60	24400	2	17150	23.2	29	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP055VET5AV	59000	575/3/60	24400	2	17150	18.6	23.2	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP066VET3AV	71000	208-230/3/60	23600	2	19600	55.4	70.2	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP066VET4AV	71000	460/3/60	23600	2	19600	27.7	34.6	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP066VET5AV	71000	575/3/60	23600	2	19600	22.1	27.6	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP076VET3AV	85000	208-230/3/60	22800	2	24500	64.8	81	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP076VET4AV	85000	460/3/60	22800	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP076VET5AV	85000	575/3/60	22800	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP087VET3AV	96000	208-230/3/60	21900	2	24500	64.8	81	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP087VET4AV	96000	460/3/60	21900	2	24500	32.4	40.5	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP087VET5AV	96000	575/3/60	21900	2	24500	25.9	32.4	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP100VET3AV	111000	208-230/3/60	35400	3	28000	79	98.8	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP100VET4AV	111000	460/3/60	35400	3	28000	39.5	49.4	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP100VET5AV	111000	575/3/60	35400	3	28000	31.6	39.5	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP114VET3AV	131000	208-230/3/60	34100	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP114VET4AV	131000	460/3/60	34100	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP114VET5AV	131000	575/3/60	34100	3	35000	37	46.3	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP127VET3AV	137000	208-230/3/60	32900	3	35000	92.6	115.8	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP127VET4AV	137000	460/3/60	32900	3	35000	46.3	57.9	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP127VET5AV	137000	575/3/60	32900	3	35000	37	46.3	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP145VET3AV	162000	208-230/3/60	34300	3	36000	95.2	119	56-21/32	40-1/2	145	2-5/8	1-3/8	1219	Call
KHP145VET4AV	162000	460/3/60	34300	3	36000	47.6	59.5	56-21/32	40-1/2	145	2-5/8	1-3/8	1219	Call
KHP145VET5AV	162000	575/3/60	34300	3	36000	38.1	47.6	56-21/32	40-1/2	145	2-5/8	1-3/8	1219	Call
KHP172VET3AV	193000	208-230/3/60	47200	4	47000	124.4	155.5	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP172VET4AV	193000	460/3/60	47200	4	47000	70.8	88.6	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP172VET5AV	193000	575/3/60	47200	4	47000	56.6	70.8	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP187VET3AV	216000	208-230/3/60	45800	4	47000	124.4	155.5	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP187VET4AV	216000	460/3/60	45800	4	47000	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP187VET5AV	216000	575/3/60	45800	4	47000	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP217VET4AV	242000	460/3/60	43200	4	56400	70.8	88.6	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call
KHP217VET5AV	242000	575/3/60	43200	4	56400	56.6	70.8	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KHP LINE, MED TEMP, HOT GAS DEFROST, 6 FPI

Available in sizes from 67,900 to 271,000 BTUH.

- Adjustable defrost termination thermostat
- Heater safety thermostat (on models with heaters)
- Fixed fan delay thermostat
- Maximum fuse is for heater circuits only; motor fusing listed separately

Standard units are equiped with an electric heater (hot gas drain pan loop optional) and are suitable for three pipe or reverse cycle applications

Replace (*) with letter code to completely specify required configuration

T = 3 Pipe with Electric Heater

G = Reverse Cycle with Electric Heater

Part No.	BTUH +25°F ET	Voltage	CFM	Motor Qty.	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					H	W	L	Suction	Inlet		
KHP068M(*)T3A	67900	208-230/3/60	16800	2	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP068M(*)T4A	67900	460/3/60	16800	2	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP068M(*)T5A	67900	575/3/60	16800	2	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP081M(*)T3A	81300	208-230/3/60	15600	2	53-1/32	40-1/2	99	1-5/8	1-3/8	731	Call
KHP081M(*)T4A	81300	460/3/60	15600	2	53-1/32	40-1/2	99	1-5/8	1-3/8	731	Call
KHP081M(*)T5A	81300	575/3/60	15600	2	53-1/32	40-1/2	99	1-5/8	1-3/8	731	Call
KHP092M(*)T3A	91500	208-230/3/60	14700	2	53-1/32	40-1/2	99	1-5/8	1-3/8	774	Call
KHP092M(*)T4A	91500	460/3/60	14700	2	53-1/32	40-1/2	99	1-5/8	1-3/8	774	Call
KHP092M(*)T5A	91500	575/3/60	14700	2	53-1/32	40-1/2	99	1-5/8	1-3/8	774	Call
KHP108M(*)T3A	108000	208-230/3/60	15900	2	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP108M(*)T4A	108000	460/3/60	15900	2	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP108M(*)T5A	108000	575/3/60	15900	2	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP123M(*)T3A	123000	208-230/3/60	23400	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP123M(*)T4A	123000	460/3/60	23400	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP123M(*)T5A	123000	575/3/60	23400	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP135M(*)T3A	135000	208-230/3/60	22000	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP135M(*)T4A	135000	460/3/60	22000	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP135M(*)T5A	135000	575/3/60	22000	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP162M(*)T3A	162000	208-230/3/60	23900	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP162M(*)T4A	162000	460/3/60	23900	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP162M(*)T5A	162000	575/3/60	23900	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP181M(*)T3A	181000	208-230/3/60	26100	3	56-21/32	40-1/2	145	2-1/8	1-3/8	1272	Call
KHP181M(*)T4A	181000	460/3/60	26100	3	56-21/32	40-1/2	145	2-1/8	1-3/8	1272	Call
KHP181M(*)T5A	181000	575/3/60	26100	3	56-21/32	40-1/2	145	2-1/8	1-3/8	1272	Call
KHP221M(*)T3A	221000	208-230/3/60	36300	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP221M(*)T4A	221000	460/3/60	36300	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP221M(*)T5A	221000	575/3/60	36300	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP243M(*)T3A	243000	208-230/3/60	34800	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP243M(*)T4A	243000	460/3/60	34800	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP243M(*)T5A	243000	575/3/60	34800	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP271M(*)T3A	271000	208-230/3/60	32000	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call
KHP271M(*)T4A	271000	460/3/60	32000	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call
KHP271M(*)T5A	271000	575/3/60	32000	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KHP LINE, MED TEMP, HIGH VELOCITY, HOT GAS DEFROST, 6 FPI

Available in sizes from 79,000 to 307,000 BTUH.

- Adjustable defrost termination thermostat
- Heater safety thermostat (on models with heaters)
- Fixed fan delay thermostat
- Maximum fuse is for heater circuits only; motor fusing listed separately

Standard units are equiped with an electric heater (or hot gas drain pan loop optional) and are suitable for three pipe or reverse cycle applications

Replace (*) with letter code to completely specify required configuration

T = 3 Pipe with Electric Heater

G = Reverse Cycle with Electric Heater

Part No.	BTUH +10°F ET	Voltage	CFM	Motor Qty.	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					H	W	L	Suction	Inlet		
KHP068M(*)T3AV	79000	208-230/3/60	23800	2	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP068M(*)T4AV	79000	460/3/60	23800	2	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP068M(*)T5AV	79000	575/3/60	23800	2	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP081M(*)T3AV	97000	208-230/3/60	22800	2	53-1/32	40-1/2	99	1-5/8	1-3/8	731	Call
KHP081M(*)T4AV	97000	460/3/60	22800	2	53-1/32	40-1/2	99	1-5/8	1-3/8	731	Call
KHP081M(*)T5AV	97000	575/3/60	22800	2	53-1/32	40-1/2	99	1-5/8	1-3/8	731	Call
KHP092M(*)T3AV	112000	208-230/3/60	21700	2	53-1/32	40-1/2	99	1-5/8	1-3/8	774	Call
KHP092M(*)T4AV	112000	460/3/60	21700	2	53-1/32	40-1/2	99	1-5/8	1-3/8	774	Call
KHP092M(*)T5AV	112000	575/3/60	21700	2	53-1/32	40-1/2	99	1-5/8	1-3/8	774	Call
KHP108M(*)T3AV	122000	208-230/3/60	20800	2	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP108M(*)T4AV	122000	460/3/60	20800	2	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP108M(*)T5AV	122000	575/3/60	20800	2	53-1/32	40-1/2	99	2-1/8	1-3/8	816	Call
KHP123M(*)T3AV	146000	208-230/3/60	34200	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP123M(*)T4AV	146000	460/3/60	34200	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP123M(*)T5AV	146000	575/3/60	34200	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP135M(*)T3AV	164000	208-230/3/60	32600	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP135M(*)T4AV	164000	460/3/60	32600	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP135M(*)T5AV	164000	575/3/60	32600	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP162M(*)T3AV	182000	208-230/3/60	31200	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP162M(*)T4AV	182000	460/3/60	31200	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP162M(*)T5AV	182000	575/3/60	31200	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP181M(*)T3AV	205000	208-230/3/60	32900	3	56-21/32	40-1/2	145	2-1/8	1-3/8	1272	Call
KHP181M(*)T4AV	205000	460/3/60	32900	3	56-21/32	40-1/2	145	2-1/8	1-3/8	1272	Call
KHP181M(*)T5AV	205000	575/3/60	32900	3	56-21/32	40-1/2	145	2-1/8	1-3/8	1272	Call
KHP221M(*)T3AV	251000	208-230/3/60	45500	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP221M(*)T4AV	251000	460/3/60	45500	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP221M(*)T5AV	251000	575/3/60	45500	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP243M(*)T3AV	277000	208-230/3/60	43800	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP243M(*)T4AV	277000	460/3/60	43800	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP243M(*)T5AV	277000	575/3/60	43800	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP271M(*)T3AV	307000	208-230/3/60	40900	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call
KHP271M(*)T4AV	307000	460/3/60	40900	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call
KHP271M(*)T5AV	307000	575/3/60	40900	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call

(Call) Please contact your local Aireco branch for pricing.

WALK-IN UNIT COOLER

KHP LINE, MED TEMP, HOT GAS DEFROST, 4 FPI

Available in sizes from 59,000 to 256,000 BTUH.

- Adjustable defrost termination thermostat
- Heater safety thermostat
- Fixed fan delay thermostat
- Maximum fuse is for heater circuits only; motor fusing listed separately

Standard units are equiped with an electric heater (hot gas drain pan loop optional) and are suitable for three pipe or reverse cycle applications.

Replace (*) with letter code to completely specify required configuration
T = 3 Pipe with Electric Heater
G = Reverse Cycle with Electric Heater

Part No.	BTUH -20°F ET	Voltage	CFM	Motor Qty.	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					H	W	L	Suction	Inlet		
KHP059P(*)T3A	59000	208-230/3/60	17500	2	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP059P(*)T4A	59000	460/3/60	17500	2	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP059P(*)T5A	59000	575/3/60	17500	2	53-1/32	40-1/2	99	1-3/8	1-1/8	689	Call
KHP072P(*)T3A	72000	208-230/3/60	16500	2	53-1/32	40-1/2	99	1-5/8	1-1/8	731	Call
KHP072P(*)T4A	72000	460/3/60	16500	2	53-1/32	40-1/2	99	1-5/8	1-1/8	731	Call
KHP072P(*)T5A	72000	575/3/60	16500	2	53-1/32	40-1/2	99	1-5/8	1-1/8	731	Call
KHP083P(*)T3A	82600	208-230/3/60	15600	2	53-1/32	40-1/2	99	1-5/8	1-1/8	744	Call
KHP083P(*)T4A	82600	460/3/60	15600	2	53-1/32	40-1/2	99	1-5/8	1-1/8	744	Call
KHP083P(*)T5A	82600	575/3/60	15600	2	53-1/32	40-1/2	99	1-5/8	1-1/8	744	Call
KHP091P(*)T3A	91000	208-230/3/60	14800	2	53-1/32	40-1/2	99	1-5/8	1-3/8	816	Call
KHP091P(*)T4A	91000	460/3/60	14800	2	53-1/32	40-1/2	99	1-5/8	1-3/8	816	Call
KHP091P(*)T5A	91000	575/3/60	14800	2	53-1/32	40-1/2	99	1-5/8	1-3/8	816	Call
KHP109P(*)T3A	109000	208-230/3/60	24800	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP109P(*)T4A	109000	460/3/60	24800	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP109P(*)T5A	109000	575/3/60	24800	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1049	Call
KHP122P(*)T3A	122000	208-230/3/60	23400	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP122P(*)T4A	122000	460/3/60	23400	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP122P(*)T5A	122000	575/3/60	23400	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1113	Call
KHP137P(*)T3A	137000	208-230/3/60	22300	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP137P(*)T4A	137000	460/3/60	22300	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP137P(*)T5A	137000	575/3/60	22300	3	53-21/32	40-1/2	139	2-1/8	1-3/8	1177	Call
KHP150P(*)T3A	150000	208-230/3/60	28600	3	56-21/32	40-1/2	145	2-1/8	1-3/8	1272	Call
KHP150P(*)T4A	150000	460/3/60	28600	3	56-21/32	40-1/2	145	2-1/8	1-3/8	1272	Call
KHP150P(*)T5A	150000	575/3/60	28600	3	56-21/32	40-1/2	145	2-1/8	1-3/8	1272	Call
KHP164P(*)T3A	164000	208-230/3/60	27500	4	56-21/32	40-1/2	187	2-1/8	1-3/8	1452	Call
KHP164P(*)T4A	164000	460/3/60	27500	4	56-21/32	40-1/2	187	2-1/8	1-3/8	1452	Call
KHP164P(*)T5A	164000	575/3/60	27500	4	56-21/32	40-1/2	187	2-1/8	1-3/8	1452	Call
KHP200P(*)T3A	200000	208-230/3/60	38100	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP200P(*)T4A	200000	460/3/60	38100	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP200P(*)T5A	200000	575/3/60	38100	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1558	Call
KHP222P(*)T3A	222000	208-230/3/60	36600	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP222P(*)T4A	222000	460/3/60	36600	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP222P(*)T5A	222000	575/3/60	36600	4	57-9/32	40-1/2	187	2-5/8	1-3/8	1664	Call
KHP256P(*)T3A	256000	208-230/3/60	34400	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call
KHP256P(*)T4A	256000	460/3/60	34400	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call
KHP256P(*)T5A	256000	575/3/60	34400	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1876	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KHP LINE, LOW TEMP, HOT GAS DEFROST, 4 FPI

Available in sizes from 55,000 to 217,000 BTUH.

- Adjustable defrost termination thermostat
- Heater safety thermostat (on models with heaters)
- Fixed fan delay thermostat

Standard units are equipped with either an electric heater or hot gas drain pan loop and are suitable for three pipe or reverse cycle applications.

Replace (*) with letter code to completely specify required configuration

T = 3 Pipe with Electric Heater

G = Reverse Cycle with Electric Heater

H = 3 Pipe with Loop

Part No.	BTUH -20°F ET	Voltage	CFM	Motor Qty.	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					H	W	L	Suction	Inlet		
KHP055V(*)T3A	55000	208-230/3/60	19500	2	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP055V(*)T4A	55000	460/3/60	19500	2	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP055V(*)T5A	55000	575/3/60	19500	2	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP066V(*)T3A	66000	208-230/3/60	18600	2	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP066V(*)T4A	66000	460/3/60	18600	2	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP066V(*)T5A	66000	575/3/60	18600	2	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP076V(*)T3A	76000	208-230/3/60	17800	2	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP076V(*)T4A	76000	460/3/60	17800	2	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP076V(*)T5A	76000	575/3/60	17800	2	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP087V(*)T3A	87000	208-230/3/60	17000	2	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP087V(*)T4A	87000	460/3/60	17000	2	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP087V(*)T5A	87000	575/3/60	17000	2	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP100V(*)T3A	100000	208-230/3/60	27900	3	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP100V(*)T4A	100000	460/3/60	27900	3	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP100V(*)T5A	100000	575/3/60	27900	3	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP114V(*)T3A	114000	208-230/3/60	26700	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP114V(*)T4A	114000	460/3/60	26700	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP114V(*)T5A	114000	575/3/60	26700	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP127V(*)T3A	127000	208-230/3/60	25500	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP127V(*)T4A	127000	460/3/60	25500	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP127V(*)T5A	127000	575/3/60	25500	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP145V(*)T3A	145000	208-230/3/60	27400	3	53-21/32	40-1/2	145	2-5/8	1-5/8	1219	Call
KHP145V(*)T4A	145000	460/3/60	27400	3	53-21/32	40-1/2	145	2-5/8	1-5/8	1219	Call
KHP145V(*)T5A	145000	575/3/60	27400	3	53-21/32	40-1/2	145	2-5/8	1-5/8	1219	Call
KHP172V(*)T3A	172000	208-230/3/60	38100	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP172V(*)T4A	172000	460/3/60	38100	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP172V(*)T5A	172000	575/3/60	38100	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP187V(*)T3A	187000	208-230/3/60	36600	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP187V(*)T4A	187000	460/3/60	36600	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP187V(*)T5A	187000	575/3/60	36600	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP217V(*)T3A	217000	208-230/3/60	34400	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call
KHP217V(*)T4A	217000	460/3/60	34400	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call
KHP217V(*)T5A	217000	575/3/60	34400	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call

(Call) Please contact your local Aireco branch for pricing.

WALK-IN UNIT COOLER

KHP LINE, LOW TEMP, HOT GAS DEFROST, 4 FPI

Available in sizes from 55,000 to 217,000 BTUH.

- Adjustable defrost termination thermostat
- Heater safety thermostat (on models with heaters)
- Fixed fan delay thermostat

Standard units are equipped with either an electric heater or hot gas drain pan loop and are suitable for three pipe or reverse cycle applications.

Replace (*) with letter code to completely specify required configuration

T = 3 Pipe with Electric Heater
G = Reverse Cycle with Electric Heater
H = 3 Pipe with Loop
R = Reverse Cycle with Loop

Part No.	BTUH -20°F ET	Voltage	CFM	Motor Qty.	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					H	W	L	Suction	Inlet		
KHP055V(*)T3A	55000	208-230/3/60	19500	2	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP055V(*)T4A	55000	460/3/60	19500	2	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP055V(*)T5A	55000	575/3/60	19500	2	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP066V(*)T3A	66000	208-230/3/60	18600	2	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP066V(*)T4A	66000	460/3/60	18600	2	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP066V(*)T5A	66000	575/3/60	18600	2	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP076V(*)T3A	76000	208-230/3/60	17800	2	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP076V(*)T4A	76000	460/3/60	17800	2	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP076V(*)T5A	76000	575/3/60	17800	2	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP087V(*)T3A	87000	208-230/3/60	17000	2	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP087V(*)T4A	87000	460/3/60	17000	2	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP087V(*)T5A	87000	575/3/60	17000	2	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP100V(*)T3A	100000	208-230/3/60	27900	3	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP100V(*)T4A	100000	460/3/60	27900	3	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP100V(*)T5A	100000	575/3/60	27900	3	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP114V(*)T3A	114000	208-230/3/60	26700	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP114V(*)T4A	114000	460/3/60	26700	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP114V(*)T5A	114000	575/3/60	26700	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP127V(*)T3A	127000	208-230/3/60	25500	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP127V(*)T4A	127000	460/3/60	25500	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP127V(*)T5A	127000	575/3/60	25500	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP145V(*)T3A	145000	208-230/3/60	27400	3	53-21/32	40-1/2	145	2-5/8	1-5/8	1219	Call
KHP145V(*)T4A	145000	460/3/60	27400	3	53-21/32	40-1/2	145	2-5/8	1-5/8	1219	Call
KHP145V(*)T5A	145000	575/3/60	27400	3	53-21/32	40-1/2	145	2-5/8	1-5/8	1219	Call
KHP172V(*)T3A	172000	208-230/3/60	38100	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP172V(*)T4A	172000	460/3/60	38100	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP172V(*)T5A	172000	575/3/60	38100	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP187V(*)T3A	187000	208-230/3/60	36600	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP187V(*)T4A	187000	460/3/60	36600	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP187V(*)T5A	187000	575/3/60	36600	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP217V(*)T3A	217000	208-230/3/60	34400	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call
KHP217V(*)T4A	217000	460/3/60	34400	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call
KHP217V(*)T5A	217000	575/3/60	34400	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

WALK-IN UNIT COOLER

KHP LINE, LOW TEMP, HIGH VELOCITY, HOT GAS DEFROST, 4 FPI

Available in sizes from 59,000 to 242,000 BTUH.

- Adjustable defrost termination thermostat
- Heater safety thermostat (on models with heaters)
- Fixed fan delay thermostat
- Maximum fuse is for heater circuits only; motor fusing listed separately

Standard units are equiped with an electric heater (hot gas drain pan loop optional) and are suitable for three pipe or reverse cycle applications.

Replace (*) with letter code to completely specify required configuration
T = 3 Pipe with Electric Heater
G = Reverse Cycle with Electric Heater

Part No.	BTUH -20°F ET	Voltage	CFM	Motor Qty.	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					H	W	L	Suction	Inlet		
KHP055V(*)T3AV	59000	208-230/3/60	24400	2	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP055V(*)T4AV	59000	460/3/60	24400	2	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP055V(*)T5AV	59000	575/3/60	24400	2	53-1/32	40-1/2	99	2-1/8	1-3/8	678	Call
KHP066V(*)T3AV	71000	208-230/3/60	23600	2	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP066V(*)T4AV	71000	460/3/60	23600	2	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP066V(*)T5AV	71000	575/3/60	23600	2	53-1/32	40-1/2	99	2-1/8	1-3/8	710	Call
KHP076V(*)T3AV	85000	208-230/3/60	22800	2	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP076V(*)T4AV	85000	460/3/60	22800	2	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP076V(*)T5AV	85000	575/3/60	22800	2	53-1/32	40-1/2	99	2-1/8	1-3/8	742	Call
KHP087V(*)T3AV	96000	208-230/3/60	21900	2	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP087V(*)T4AV	96000	460/3/60	21900	2	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP087V(*)T5AV	96000	575/3/60	21900	2	53-1/32	40-1/2	99	2-1/8	1-3/8	784	Call
KHP100V(*)T3AV	111000	208-230/3/60	35400	3	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP100V(*)T4AV	111000	460/3/60	35400	3	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP100V(*)T5AV	111000	575/3/60	35400	3	53-21/32	40-1/2	139	2-5/8	1-3/8	1018	Call
KHP114V(*)T3AV	131000	208-230/3/60	34100	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP114V(*)T4AV	131000	460/3/60	34100	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP114V(*)T5AV	131000	575/3/60	34100	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1071	Call
KHP127V(*)T3AV	137000	208-230/3/60	32900	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP127V(*)T4AV	137000	460/3/60	32900	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP127V(*)T5AV	137000	575/3/60	32900	3	53-21/32	40-1/2	139	2-5/8	1-5/8	1124	Call
KHP145V(*)T3AV	162000	208-230/3/60	34300	3	53-21/32	40-1/2	145	2-5/8	1-5/8	1219	Call
KHP145V(*)T4AV	162000	460/3/60	34300	3	53-21/32	40-1/2	145	2-5/8	1-5/8	1219	Call
KHP145V(*)T5AV	162000	575/3/60	34300	3	53-21/32	40-1/2	145	2-5/8	1-5/8	1219	Call
KHP172V(*)T3AV	193000	208-230/3/60	47200	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP172V(*)T4AV	193000	460/3/60	47200	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP172V(*)T5AV	193000	575/3/60	47200	4	57-9/32	40-1/2	187	2-5/8	1-5/8	1505	Call
KHP187V(*)T3AV	216000	208-230/3/60	45800	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP187V(*)T4AV	216000	460/3/60	45800	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP187V(*)T5AV	216000	575/3/60	45800	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1601	Call
KHP217V(*)T3AV	242000	208-230/3/60	43200	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call
KHP217V(*)T4AV	242000	460/3/60	43200	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call
KHP217V(*)T5AV	242000	575/3/60	43200	4	57-9/32	40-1/2	187	3-1/8	1-5/8	1780	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

AIR COOLED HERMETIC CONDENSING UNIT

KEHA LINE



Models range in capacity from 1/2 HP to 7 1/2 HP. Models are available with Copeland compressors and many standard features all built into a spacious serviceable design.

Standard Features

- Weatherproof electrical control box with compressor contactor and fused control circuit
- Welded-hermetic compressor
- High efficiency enhanced tube and fin condenser design
- Pre-formed piping
- Quiet fan motor operation
- Energy efficient PSC condenser fan motor
- Electrical control panel away from air flow stream
- Each unit is subjected to a thorough leak test with helium leakdetectors and is run tested
- Units are shipped with helium holding charge
- Receiver with fusible plug and liquid shut off valve
- Fixed high and low pressure control
- Suction service valve
- Copper tubing secured with cushion clamps

KEHA LINE, HIGH TEMPERATURE, OUTDOOR, R22 R407C

- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non-adjustable)
- Crankcase heater
- Models include sealed liquid line filter drier and sight glass
- H7H units are dual use R22/R407C

For capacity specifications, see page 44

Part No.	Refrig.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	L/Hood	Receiver Cap. (Lbs)	Connections (In.) Suction	Liquid	Ship Wgt. (Lbs.)	Price
KEHA005H2HS1BB	R22	1/2	115/1/60	14.5	16-7/8	24-7/8	30-3/8	34-3/8	6.0	1/2	3/8	141	Call
KEHA005H2HS2BB	R22	1/2	208-230/1/60	7.1	16-7/8	24-7/8	30-3/8	34-3/8	6.0	1/2	3/8	141	Call
KEHA008H2HS1BB	R22	3/4	115/1/60	16.1	16-7/8	24-7/8	30-3/8	34-3/8	6.0	5/8	3/8	152	Call
KEHA008H2HS2BB	R22	3/4	208-230/1/60	9.1	16-7/8	24-7/8	30-3/8	34-3/8	6.0	5/8	3/8	152	Call
KEHA010H2HS1BB	R22	3/4	115/1/60	20.0	16-7/8	24-7/8	30-3/8	34-3/8	6.0	5/8	3/8	167	Call
KEHA010H2HS2BB	R22	1	208-230/1/60	8.4	16-7/8	24-7/8	30-3/8	34-3/8	6.0	5/8	3/8	167	Call
KEHA010H2HT3BB	R22	1	208-230/3/60	5.8	16-7/8	24-7/8	30-3/8	34-3/8	6.0	5/8	3/8	167	Call
KEHA015H7HS2BB	R407C,R22	1-1/2	208-230/1/60	11.2	19-7/8	36-3/8	30-3/8	34-3/8	12.5	5/8	3/8	277	Call
KEHA015H7HT3BB	R407C,R22	1-1/2	208-230/3/60	7.9	19-7/8	36-3/8	30-3/8	34-3/8	12.5	5/8	3/8	277	Call
KEHA020H7HS2BB	R407C,R22	2	208-230/1/60	16.3	19-7/8	36-3/8	30-3/8	34-3/8	12.5	5/8	3/8	282	Call
KEHA020H7HT3BB	R407C,R22	2	208-230/3/60	9.5	19-7/8	36-3/8	30-3/8	34-3/8	12.5	5/8	3/8	282	Call
KEHA020H7HT4BB	R407C,R22	2	460/3/60	4.8	19-7/8	36-3/8	30-3/8	34-3/8	12.5	5/8	3/8	282	Call
KEHA025H7HS2BB	R407C,R22	2-1/2	208-230/1/60	20.2	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	3/8	292	Call
KEHA025H7HT3BB	R407C,R22	2-1/2	208-230/3/60	12.2	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	3/8	292	5867.00
KEHA025H7HT4BB	R407C,R22	2-1/2	460/3/60	6.3	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	3/8	292	Call
KEHA029H7HS2BB	R407C,R22	3	208-230/1/60	21.9	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	1/2	298	Call
KEHA029H7HT3BB	R407C,R22	3	208-230/3/60	13.5	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	1/2	298	Call
KEHA029H7HT4BB	R407C,R22	3	460/3/60	6.9	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	1/2	298	Call
KEHA030H7HS2BB	R407C,R22	3	208-230/1/60	22.9	30-3/8	47-3/8	32-7/8	43	24.0	7/8	1/2	394	Call
KEHA030H7HT3BB	R407C,R22	3	208-230/3/60	14.5	30-3/8	47-3/8	32-7/8	43	24.0	7/8	1/2	394	Call
KEHA030H7HT4BB	R407C,R22	3	460/3/60	7.4	30-3/8	47-3/8	32-7/8	43	24.0	7/8	1/2	394	Call
KEHA035H7HS2BB	R407C,R22	3-1/2	208-230/1/60	23.9	30-3/8	47-3/8	32-7/8	43	24.0	7/8	1/2	349	Call
KEHA035H7HT3BB	R407C,R22	3-1/2	208-230/3/60	16.9	30-3/8	47-3/8	32-7/8	43	24.0	7/8	1/2	394	Call
KEHA035H7HT4BB	R407C,R22	3-1/2	460/3/60	7.7	30-3/8	47-3/8	32-7/8	43	24.0	7/8	1/2	394	Call
KEHA040H7HS2BB	R407C,R22	4	208-230/1/60	34.6	30-3/8	47-3/8	32-7/8	43	24.0	1-1/8	1/2	405	Call
KEHA040H7HT3BB	R407C,R22	4	208-230/3/60	22.5	30-3/8	47-3/8	32-7/8	43	24.0	1-1/8	1/2	405	Call
KEHA040H7HT4BB	R407C,R22	4	460/3/60	11.3	30-3/8	47-3/8	32-7/8	43	24.0	1-1/8	1/2	405	Call
KEHA050H7HS2BB	R407C,R22	5	208-230/1/60	40.6	30-3/8	47-3/8	32-7/8	43	24.0	1-1/8	1/2	415	Call
KEHA050H7HT3BB	R407C,R22	5	208-230/3/60	26.1	30-3/8	47-3/8	32-7/8	43	24.0	1-1/8	1/2	415	Call
KEHA050H7HT4BB	R407C,R22	5	460/3/60	12.0	30-3/8	47-3/8	32-7/8	43	24.0	1-1/8	1/2	415	Call

REFRIGERATION EQUIPMENT

AIR COOLED HERMETIC CONDENSING UNIT

KEHA LINE, HIGH TEMPERATURE, INDOOR, R22 R407C

- Models include sealed liquid line filter drier and sight glass
- H7I units are dual use R22/R407C

Part No.	Refrig.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs)	Connections (In.) Suction	Liquid	Ship Wgt. (Lbs.)	Price
KEHA005H2IS1BB	R22	1/2	115/1/60	14.5	16-7/8	24-7/8	30-3/8	6.0	1/2	3/8	119	Call
KEHA005H2IS2BB	R22	1/2	208-230/1/60	7.1	16-7/8	24-7/8	30-3/8	6.0	1/2	3/8	119	Call
KEHA008H2IS1BB	R22	3/4	115/1/60	16.1	16-7/8	24-7/8	30-3/8	6.0	5/8	3/8	130	Call
KEHA008H2IS2BB	R22	3/4	208-230/1/60	9.1	16-7/8	24-7/8	30-3/8	6.0	5/8	3/8	130	Call
KEHA010H2IS1BB	R22	1	115/1/60	20.0	16-7/8	24-7/8	30-3/8	6.0	5/8	3/8	145	Call
KEHA010H2IS2BB	R22	1	208-230/1/60	8.4	16-7/8	24-7/8	30-3/8	6.0	5/8	3/8	145	Call
KEHA010H2IT3BB	R22	1	208-230/3/60	5.8	16-7/8	24-7/8	30-3/8	6.0	5/8	3/8	145	Call
KEHA015H7IS2BB	R407C,R22	1-1/2	208-230/1/60	11.2	19-7/8	36-3/8	30-3/8	12.5	5/8	3/8	252	Call
KEHA015H7IT3BB	R407C,R22	1-1/2	208-230/3/60	7.9	19-7/8	36-3/8	30-3/8	12.5	5/8	3/8	252	Call
KEHA020H7IS2BB	R407C,R22	2	208-230/1/60	16.3	19-7/8	36-3/8	30-3/8	12.5	5/8	3/8	257	Call
KEHA020H7IT3BB	R407C,R22	2	208-230/3/60	9.5	19-7/8	36-3/8	30-3/8	12.5	5/8	3/8	257	Call
KEHA020H7IT4BB	R407C,R22	2	460/3/60	4.8	19-7/8	36-3/8	30-3/8	12.5	5/8	3/8	257	Call
KEHA025H7IS2BB	R407C,R22	2-1/2	208-230/1/60	20.2	19-7/8	36-3/8	30-3/8	16.0	7/8	3/8	267	Call
KEHA025H7IT3BB	R407C,R22	2-1/2	208-230/3/60	12.2	19-7/8	36-3/8	30-3/8	16.0	7/8	3/8	267	Call
KEHA025H7IT4BB	R407C,R22	2-1/2	460/3/60	6.3	19-7/8	36-3/8	30-3/8	16.0	7/8	3/8	267	Call
KEHA029H7IS2BB	R407C,R22	3	208-230/1/60	21.9	19-7/8	36-3/8	30-3/8	16.0	7/8	1/2	273	Call
KEHA029H7IT3BB	R407C,R22	3	208-230/3/60	13.5	19-7/8	36-3/8	30-3/8	16.0	7/8	1/2	273	Call
KEHA029H7IT4BB	R407C,R22	3	460/3/60	6.9	19-7/8	36-3/8	30-3/8	16.0	7/8	1/2	273	Call
KEHA030H7IS2BB	R407C,R22	3	208-230/1/60	22.9	30-3/8	47-3/8	32-7/8	24.0	7/8	1/2	349	Call
KEHA030H7IT3BB	R407C,R22	3	208-230/3/60	14.5	30-3/8	47-3/8	32-7/8	24.0	7/8	1/2	349	Call
KEHA030H7IT4BB	R407C,R22	3	460/3/60	7.4	30-3/8	47-3/8	32-7/8	24.0	7/8	1/2	349	Call
KEHA035H7IS2BB	R407C,R22	3-1/2	208-230/1/60	23.9	30-3/8	47-3/8	32-7/8	24.0	7/8	1/2	349	Call
KEHA035H7IT3BB	R407C,R22	3-1/2	208-230/3/60	16.9	30-3/8	47-3/8	32-7/8	24.0	7/8	1/2	349	Call
KEHA035H7IT4BB	R407C,R22	3-1/2	460/3/60	7.7	30-3/8	47-3/8	32-7/8	24.0	7/8	1/2	349	Call
KEHA040H7IS2BB	R407C,R22	4	208-230/1/60	34.6	30-3/8	47-3/8	32-7/8	24.0	1-1/8	1/2	360	Call
KEHA040H7IT3BB	R407C,R22	4	208-230/3/60	22.5	30-3/8	47-3/8	32-7/8	24.0	1-1/8	1/2	360	Call
KEHA040H7IT4BB	R407C,R22	4	460/3/60	11.3	30-3/8	47-3/8	32-7/8	24.0	1-1/8	1/2	360	Call
KEHA050H7IS2BB	R407C,R22	5	208-230/1/60	40.6	30-3/8	47-3/8	32-7/8	24.0	1-1/8	1/2	370	Call
KEHA050H7IT3BB	R407C,R22	5	208-230/3/60	26.1	30-3/8	47-3/8	32-7/8	24.0	1-1/8	1/2	370	Call
KEHA050H7IT4BB	R407C,R22	5	460/3/60	12.0	30-3/8	47-3/8	32-7/8	24.0	1-1/8	1/2	370	Call

(Call) Please contact your local Aireco branch for pricing.

AIR COOLED HERMETIC CONDENSING UNIT

KEHA LINE, EXTENDED MEDIUM TEMPERATURE, OUTDOOR, R404A

- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non-adjustable)
- Crankcase heater
- Models include sealed liquid line filter drier and sight glass

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)				Receiver Cap. (Lbs)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				H	W	L	L/Hood		Suction	Liquid		
KEHA006E6HS1BB	1/2	115/1/60	13.0	16-7/8	24-7/8	30-3/8	34-3/8	5.4	5/8	3/8	149	Call
KEHA006E6HS2BB	1/2	208-230/1/60	6.3	16-7/8	24-7/8	30-3/8	34-3/8	5.4	5/8	3/8	149	Call
KEHA008E6HS1BB	3/4	115/1/60	18.1	16-7/8	24-7/8	30-3/8	34-3/8	5.4	5/8	3/8	149	Call
KEHA008E6HS2BB	3/4	208-230/1/60	8.1	16-7/8	24-7/8	30-3/8	34-3/8	5.4	5/8	3/8	149	4303.00
KEHA009E6HS1BB	3/4	115/1/60	17.6	16-7/8	24-7/8	30-3/8	34-3/8	5.4	5/8	3/8	152	4869.00
KEHA009E6HS2BB	3/4	208-230/1/60	10.5	16-7/8	24-7/8	30-3/8	34-3/8	5.4	5/8	3/8	152	5013.00
KEHA010E6HS2BB	1	208-230/1/60	8.4	16-7/8	24-7/8	30-3/8	34-3/8	5.4	5/8	3/8	167	5270.00
KEHA010E6HT3BB	1	208-230/3/60	5.8	16-7/8	24-7/8	30-3/8	34-3/8	5.4	5/8	3/8	167	5207.00
KEHA015E6HS2BB	1-1/2	208-230/1/60	13.4	19-7/8	36-3/8	30-3/8	34-3/8	11.3	5/8	3/8	279	5657.00
KEHA015E6HT3BB	1-1/2	208-230/3/60	9.5	19-7/8	36-3/8	30-3/8	34-3/8	11.3	5/8	3/8	279	5574.00
KEHA015E6HT4BB	1-1/2	460/3/60	4.6	19-7/8	36-3/8	30-3/8	34-3/8	11.3	5/8	3/8	279	Call
KEHA020E6HS2BB	2	208-230/1/60	13.4	19-7/8	36-3/8	30-3/8	34-3/8	11.3	5/8	3/8	282	5918.00
KEHA020E6HT3BB	2	208-230/3/60	9.5	19-7/8	36-3/8	30-3/8	34-3/8	11.3	5/8	3/8	282	6038.00
KEHA025E6HS2BB	2-1/2	208-230/1/60	15.1	19-7/8	36-3/8	30-3/8	34-3/8	14.4	7/8	1/2	286	6196.00
KEHA025E6HT3BB	2-1/2	208-230/3/60	11.4	19-7/8	36-3/8	30-3/8	34-3/8	14.4	7/8	1/2	286	6157.00
KEHA025E6HT4BB	2-1/2	460/3/60	5.9	19-7/8	36-3/8	30-3/8	34-3/8	14.4	7/8	1/2	286	Call
KEHA029E6HS2BB	3	208-230/1/60	19.0	19-7/8	36-3/8	30-3/8	34-3/8	14.4	7/8	1/2	292	6317.00
KEHA029E6HT3BB	3	208-230/3/60	11.0	19-7/8	36-3/8	30-3/8	34-3/8	14.4	7/8	1/2	292	Call
KEHA029E6HT4BB	3	460/3/60	5.9	19-7/8	36-3/8	30-3/8	34-3/8	14.4	7/8	1/2	292	Call
KEHA030E6HS2BB	3	208-230/1/60	20.1	30-3/8	47-3/8	32-7/8	43	21.5	7/8	1/2	388	75358.00
KEHA030E6HT3BB	3	208-230/3/60	12.0	30-3/8	47-3/8	32-7/8	43	21.5	7/8	1/2	388	6332.00
KEHA030E6HT4BB	3	460/3/60	6.4	30-3/8	47-3/8	32-7/8	43	21.5	7/8	1/2	388	Call
KEHA035E6HS2BB	3-1/2	208-230/1/60	23.0	30-3/8	47-3/8	32-7/8	43	21.5	7/8	1/2	389	6782.00
KEHA035E6HT3BB	3-1/2	208-230/3/60	14.9	30-3/8	47-3/8	32-7/8	43	21.5	7/8	1/2	389	6709.00
KEHA035E6HT4BB	3-1/2	460/3/60	6.9	30-3/8	47-3/8	32-7/8	43	21.5	7/8	1/2	389	Call
KEHA040E6HS2BB	4	208-230/1/60	28.9	30-3/8	47-3/8	32-7/8	43	21.5	7/8	1/2	389	8146.00
KEHA040E6HT3BB	4	208-230/3/60	19.6	30-3/8	47-3/8	32-7/8	43	21.5	7/8	1/2	389	7978.00
KEHA040E6HT4BB	4	460/3/60	10.6	30-3/8	47-3/8	32-7/8	43	21.5	7/8	1/2	389	Call
KEHA050E6HS2BB	5	208-230/1/60	36.6	30-3/8	47-3/8	32-7/8	43	21.5	1-1/8	1/2	398	Call
KEHA050E6HT3BB	5	208-230/3/60	23.1	30-3/8	47-3/8	32-7/8	43	21.5	1-1/8	1/2	398	8759.00
KEHA050E6HT4BB	5	460/3/60	12.2	30-3/8	47-3/8	32-7/8	43	21.5	1-1/8	1/2	398	Call

REFRIGERATION EQUIPMENT

AIR COOLED HERMETIC CONDENSING UNIT

KEHA LINE, EXTENDED MEDIUM TEMPERATURE, INDOOR, R404A

- Models include sealed liquid line filter drier and sight glass

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap. (Lbs)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				H	W	L		Suction	Liquid		
KEHA006E6IS2BB	1/2	208-230/1/60	6.3	16-7/8	24-7/8	30-3/8	5.4	5/8	3/8	127	Call
KEHA008E6IS1BB	3/4	115/1/60	18.1	16-7/8	24-7/8	30-3/8	5.4	5/8	3/8	127	Call
KEHA008E6IS2BB	3/4	208-230/1/60	8.1	16-7/8	24-7/8	30-3/8	5.4	5/8	3/8	127	Call
KEHA009E6IS1BB	3/4	115/1/60	17.6	16-7/8	24-7/8	30-3/8	5.4	5/8	3/8	130	Call
KEHA009E6IS2BB	3/4	208-230/1/60	10.5	16-7/8	24-7/8	30-3/8	5.4	5/8	3/8	130	Call
KEHA010E6IS2BB	1	208-230/1/60	8.4	16-7/8	24-7/8	30-3/8	5.4	5/8	3/8	145	Call
KEHA010E6IT3BB	1	208-230/3/60	5.8	16-7/8	24-7/8	30-3/8	5.4	5/8	3/8	145	Call
KEHA015E6IS2BB	1-1/2	208-230/1/60	13.4	19-7/8	36-3/8	30-3/8	11.3	5/8	3/8	257	Call
KEHA015E6IT3BB	1-1/2	208-230/3/60	9.5	19-7/8	36-3/8	30-3/8	11.3	5/8	3/8	257	Call
KEHA015E6IT4BB	1-1/2	460/3/60	4.6	19-7/8	36-3/8	30-3/8	11.3	5/8	3/8	257	Call
KEHA020E6IS2BB	2	208-230/1/60	13.4	19-7/8	36-3/8	30-3/8	11.3	5/8	3/8	255	Call
KEHA020E6IT3BB	2	208-230/3/60	9.5	19-7/8	36-3/8	30-3/8	11.3	5/8	3/8	255	Call
KEHA025E6IS2BB	2-1/2	208-230/1/60	15.1	19-7/8	36-3/8	30-3/8	14.4	7/8	1/2	259	Call
KEHA025E6IT3BB	2-1/2	208-230/3/60	11.4	19-7/8	36-3/8	30-3/8	14.4	7/8	1/2	259	Call
KEHA025E6IT4BB	2-1/2	460/3/60	5.9	19-7/8	36-3/8	30-3/8	14.4	7/8	1/2	259	Call
KEHA029E6IS2BB	3	208-230/1/60	19.0	30-3/8	47-3/8	32-7/8	14.4	7/8	1/2	265	Call
KEHA029E6IT3BB	3	208-230/3/60	11.0	30-3/8	47-3/8	32-7/8	14.4	7/8	1/2	265	Call
KEHA029E6IT4BB	3	460/3/60	5.9	30-3/8	47-3/8	32-7/8	14.4	7/8	1/2	265	Call
KEHA030E6IS2BB	3	208-230/1/60	20.1	30-3/8	47-3/8	32-7/8	21.5	7/8	1/2	343	Call
KEHA030E6IT3BB	3	208-230/3/60	12.0	30-3/8	47-3/8	32-7/8	21.5	7/8	1/2	343	Call
KEHA030E6IT4BB	3	460/3/60	6.4	30-3/8	47-3/8	32-7/8	21.5	7/8	1/2	343	Call
KEHA035E6IS2BB	3-1/2	208-230/1/60	23.0	30-3/8	47-3/8	32-7/8	21.5	7/8	1/2	344	Call
KEHA035E6IT3BB	3-1/2	208-230/3/60	14.9	30-3/8	47-3/8	32-7/8	21.5	7/8	1/2	344	Call
KEHA035E6IT4BB	3-1/2	460/3/60	6.9	30-3/8	47-3/8	32-7/8	21.5	7/8	1/2	344	Call
KEHA040E6IS2BB	4	208-230/1/60	28.9	30-3/8	47-3/8	32-7/8	21.5	7/8	1/2	344	Call
KEHA040E6IT3BB	4	208-230/3/60	19.6	30-3/8	47-3/8	32-7/8	21.5	7/8	1/2	344	Call
KEHA040E6IT4BB	4	460/3/60	10.6	30-3/8	47-3/8	32-7/8	21.5	7/8	1/2	344	Call
KEHA050E6IS2BB	5	208-230/1/60	36.6	30-3/8	47-3/8	32-7/8	21.5	1-1/8	1/2	353	Call
KEHA050E6IT3BB	5	208-230/3/60	23.1	30-3/8	47-3/8	32-7/8	21.5	1-1/8	1/2	353	Call
KEHA050E6IT4BB	5	460/3/60	12.2	30-3/8	47-3/8	32-7/8	21.5	1-1/8	1/2	353	Call

(Call) Please contact your local Aireco branch for pricing.

AIR COOLED HERMETIC CONDENSING UNIT

KEHA LINE, LOW TEMPERATURE, OUTDOOR, R404A

- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non-adjustable)
- Crankcase heater
- Models include liquid line filter drier, sight glass and defrost control kit

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)				Receiver Cap. (Lbs)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				H	W	L	L/Hood		Suction	Liquid		
KEHA006L6HS1BF	1/2	115/1/60	11.6	16-7/8	24-7/8	30-3/8	34-3/8	5.4	1/2	3/8	141	Call
KEHA006L6HS2BF	1/2	208-230/1/60	4.7	16-7/8	24-7/8	30-3/8	34-3/8	5.4	1/2	3/8	141	Call
KEHA008L6HS1BF	3/4	115/1/60	11.1	16-7/8	24-7/8	30-3/8	34-3/8	5.4	1/2	3/8	141	Call
KEHA008L6HS2BF	3/4	208-230/1/60	5.7	16-7/8	24-7/8	30-3/8	34-3/8	5.4	1/2	3/8	141	Call
KEHA010L6HS2BF	1	208-230/1/60	12.9	16-7/8	24-7/8	30-3/8	34-3/8	5.4	5/8	3/8	165	Call
KEHA010L6HT3BF	1	208-230/3/60	8.1	16-7/8	24-7/8	30-3/8	34-3/8	5.4	5/8	3/8	165	Call
KEHA015L6HS2BF	1-1/2	208-230/1/60	13.3	16-7/8	24-7/8	30-3/8	34-3/8	5.4	7/8	3/8	168	Call
KEHA015L6HT3BF	1-1/2	208-230/3/60	8.4	16-7/8	24-7/8	30-3/8	34-3/8	5.4	7/8	3/8	168	Call
KEHA020L6HS2BF	2	208-230/1/60	13.3	16-7/8	24-7/8	30-3/8	34-3/8	5.4	7/8	3/8	194	Call
KEHA020L6HT3BF	2	208-230/3/60	8.4	16-7/8	24-7/8	30-3/8	34-3/8	5.4	7/8	3/8	194	Call
KEHA025L6HS2BF	2-1/2	208-230/1/60	19.9	19-7/8	36-3/8	30-3/8	34-3/8	11.3	7/8	3/8	281	Call
KEHA025L6HT3BF	2-1/2	208-230/3/60	12.6	19-7/8	36-3/8	30-3/8	34-3/8	11.3	7/8	3/8	281	Call
KEHA025L6HT4BF	2-1/2	460/3/60	6.8	19-7/8	36-3/8	30-3/8	34-3/8	11.3	7/8	3/8	281	Call
KEHA030L6HS2BF	3	208-230/1/60	24.1	19-7/8	36-3/8	30-3/8	34-3/8	14.4	7/8	1/2	292	Call
KEHA030L6HT3BF	3	208-230/3/60	14.9	19-7/8	36-3/8	30-3/8	34-3/8	14.4	7/8	1/2	292	Call
KEHA030L6HT4BF	3	460/3/60	8.0	19-7/8	36-3/8	30-3/8	34-3/8	14.4	7/8	1/2	292	Call

KEHA LINE, LOW TEMPERATURE, INDOOR, R404A

- Models include liquid line filter drier, sight glass and defrost control kit

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap. (Lbs)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				H	W	L		Suction	Liquid		
KEHA006L6IS1BF	1/2	115/1/60	11.6	16-7/8	24-7/8	30-3/8	5.4	1/2	3/8	119	Call
KEHA006L6IS2BF	1/2	208-230/1/60	4.7	16-7/8	24-7/8	30-3/8	5.4	1/2	3/8	119	Call
KEHA008L6IS1BF	3/4	115/1/60	11.1	16-7/8	24-7/8	30-3/8	5.4	1/2	3/8	119	Call
KEHA008L6IS2BF	3/4	208-230/1/60	5.7	16-7/8	24-7/8	30-3/8	5.4	1/2	3/8	119	Call
KEHA010L6IS2BF	1	208-230/1/60	12.9	16-7/8	24-7/8	30-3/8	5.4	5/8	3/8	144	Call
KEHA010L6IT3BF	1	208-230/3/60	8.1	16-7/8	24-7/8	30-3/8	5.4	5/8	3/8	144	Call
KEHA015L6IS2BF	1-1/2	208-230/1/60	13.3	16-7/8	24-7/8	30-3/8	5.4	7/8	3/8	147	Call
KEHA015L6IT3BF	1-1/2	208-230/3/60	8.4	16-7/8	24-7/8	30-3/8	5.4	7/8	3/8	147	Call
KEHA020L6IS2BF	2	208-230/1/60	13.3	16-7/8	24-7/8	30-3/8	5.4	7/8	3/8	172	Call
KEHA020L6IT3BF	2	208-230/3/60	8.4	16-7/8	24-7/8	30-3/8	5.4	7/8	3/8	172	Call
KEHA025L6IS2BF	2-1/2	208-230/1/60	19.9	19-7/8	36-3/8	30-3/8	11.3	7/8	3/8	254	Call
KEHA025L6IT3BF	2-1/2	208-230/3/60	12.6	19-7/8	36-3/8	30-3/8	11.3	7/8	3/8	254	Call
KEHA025L6IT4BF	3-1/2	460/3/60	6.8	19-7/8	36-3/8	30-3/8	11.3	7/8	3/8	254	Call
KEHA030L6IS2BF	3	208-230/1/60	24.1	19-7/8	36-3/8	30-3/8	14.4	7/8	1/2	265	Call
KEHA030L6IT3BF	3	208-230/3/60	14.9	19-7/8	36-3/8	30-3/8	14.4	7/8	1/2	265	Call
KEHA030L6IT4BF	4	460/3/60	8.0	19-7/8	36-3/8	30-3/8	14.4	7/8	1/2	265	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

AIR COOLED HERMETIC CONDENSING UNIT

KE-LINE OPTIONS

"KE-LINE, FACTORY INSTALLED OPTIONS"	HP KE	Price KE	HP KQ	Price KQ
"PACKAGE" "B" "includes:"	0.5 - 2.9	293.00	0.5 - 3.0	293.00
High/Low Pressure, (HP Control, CC Heater Outdoor Units)	3.0 - 12.0	340.00	3.5 +	340.00
+Sealed liquid line filter drier and sight glass	15.0 +	469.00		
"PACKAGE" "C" "includes:"	0.5 - 2.9	922.00	0.5 - 3.0	881.00
High/Low Pressure, (HP Control, CC Heater Outdoor Units)	3.0 - 7.5	1141.00	3.5 +	1061.00
+Sealed liquid line filter drier and sight glass	7.6 - 12.0	1548.00		
+Suction accumulator+Electric Defrost Kit (40A max on Htrs)	15.0 +	2155.00		
"PACKAGE" "D" "includes:"	0.5 - 2.9	496.00		577.00
High/Low Pressure, (HP Control, CC Heater Outdoor Units) + "Sealed liquid line filter drier and sight	3.0 - 7.5	786.00		786.00
+ Heated and insulated receiver	7.6 - 12.0	944.00		
	15.0 +	1151.00		
"PACKAGE" "E" "includes:"	0.5 - 2.9	1124.00	0.5 - 3.0	
High/Low Pressure, (HP Control, CC Heater Outdoor Units) + Sealed liquid line filter drier and sight	3.0 - 7.5	1587.00	3.5 +	1506.00
+ Electric Defrost Kit (40A max on Htrs)+ Suction accumulator	7.6 - 12.0	2281.00		
+ Heated and insulated receiver.	15.0 +	2720.00		
"PACKAGE" "F" "includes:"	0.5 - 2.9	687.00	0.5 - 3.0	606.00
High/Low Pressure, (HP Control, CC Heater Outdoor Units) + Sealed liquid line filter drier and sight	3.0 - 12.0	734.00	3.5 +	653.00
+ Electric Defrost Kit (40A max on Htrs)	15.0 +	862.00		
"PACKAGE" "G" " includes:"	0.5 - 2.9	889.00	0.5 - 3.0	890.00
High/Low Pressure, (HP Control, CC Heater Outdoor Units) + Sealed liquid line filter drier and sight glass"	3.0 - 7.5	1179.00	3.5 +	1099.00
+ Electric Defrost Kit (40A max on Htrs) + Heated and insulated receiver.	7.6 - 12.0	1338.00		
	15.0 +	1543.00		
"PACKAGE" "H" "includes:"	0.5 - 2.9	605	0.5 - 3.0	853
High/Low Pressure, (HP Control, CC Heater Outdoor Units) + Sealed liquid line filter drier and sight glass	3.0 - 7.5	653	3.5 +	1193
+ Timeclock	15.0 +	782		
"PACKAGE" "J" "includes:"	0.5 - 2.9	731.00	0.5 - 3.0	520.00
High/Low Pressure, (HP Control, CC Heater Outdoor Units)+ Sealed liquid line filter drier and sight	3.0 - 7.5	1193.00	3.5 +	794.00
+ Suction accumulator + Heated and insulated receiver.	7.6 - 12.0	1759.00		
Individual Options	TE HP	TE Price	TQ HP	TQ Price
Weatherhood housing (standard on outdoor models	0.5 - 2.9	301.00		—
	3.0 - 7.5	569.00		—
	7.6 - 12.0	771.00		—
Sealed liquid line filter drier and sight glass	0.5 - 2.9	293.00	0.5 - 3.0	293.00
	3.0 - 12.0	340.00	3.5 +	340.00
	15.0 +	469.00		—
Replaceable core liquid line filter drier / sightglass	2.9 - 12.0	479.00		—
Suction accumulator without heat exchanger	0.5 - 2.9	235.00	0.5 - 3.0	275.00
	3.0 - 7.5	407.00	3.5 +	407.00
	7.6 - 12.0	814.00		—
Suction accumulator with heat exchanger	0.5 - 2.9	329.00		—
	3.0 - 7.5	564.00		—
	7.6 - 12.0	1129.00		—
Sealed suction filter	0.5 - 2.9	188.00	0.5 - 3.0	—
	3.0 - 7.5	264.00	3.5 +	—
	7.6 - 12.0	479.00		—
Replaceable core suction filter	2.9 - 7.5	509.00		—
	7.6 - 12.0	622.00		—
Discharge line check valve	0.5 - 6.1	230.00		—
	7.5 - 12.0	316.00		—
Two valve adjustable flooded head pressure control	All Models	354.00		—
Oil separator	2.9 - 7.5	562.00		—
	7.6 - 22.0	789.00		—
Oil separator with filter and solenoid	2.9 - 4.0	710.00		—
	5.0 - 7.5	744.00		—
	7.6 - 15.0	972.00		—
Oversized receiver	0.5 - 2.9			
	3.0 - 12.0	540.00		—
	15.0 +	603.00		—
Heated and insulated receiver	0.5 - 2.9	203.00	203.00	283.00
	3.0 - 7.5	446.00	3.5 +	446.00
	7.6 - 15.0	604.00		—
Receiver inlet ball valve		259		—

AIR COOLED HERMETIC CONDENSING UNIT

KE-LINE OPTIONS

Individual Options	KE HP	KE Price	KQ HP	KQ Price
Liquid line solenoid valve with 230 volt coil (Shipped loose)	0.5 - 5.0	290.00		—
	6.0 - 7.6	325.00		—
Ball valve (Shipped loose)	All Models	133.00		—
Adjustable Dual Pressure Control (Danfoss)	All Models	171.00		—
Adjustable Dual Pressure Control (JCI)	All Models	378.00		—
Individual High/Low Pressure (JCI)	All Models	521.00		—
Current sensing relay (for oil safety control)	All Models	341.00		—
Compressor circuit breaker	0.5 - 4.0	709.00		—
	5.0 - 7.5	1327.00		—
	7.6 +	2060.00		—
Compressor time delay relay	All Models	174.00		—
Pump down toggle switch	All Models	133.00	All	372.00
Lock-out control circuit (relay and separate LP/HP controls)	All Models	486.00		—
30A or 40A Contactor	All Models	198.00		—
60A Contactor		272.00		—
Electric Defrost Kit: Electronic timeclock (standard) or mechanical 8145 (upon request)	Heaters up to 40 Amps	394.00		—
	Heaters up to 60 Amps	468.00		—
	Heaters up to 80 Amps	1019.00		—
2 Evaporators per compressor	Heaters up to 40 Amps	591.00		—
	Heaters up to 60 Amps	734.00		—
	Heaters up to 80 Amps	1439.00		—
3 Evaporators per compressor	Heaters up to 60 Amps	1482.00		—
	Heaters up to 80 Amps	1999.00		—
Discharge Air Hood (Angled front)	0.5 - 2.9	129.00		—
	3.0 - 7.5	368.00		—
	7.6 - 12.0	491.00		—

Electric Defrost Kit includes: Timeclock, defrost heater contactor (40A max.) and fan motor contactor (30A if required depending on matched evaporator)

REFRIGERATION EQUIPMENT

AIR COOLED HERMETIC CONDENSING UNIT

KQ QUIET OUTDOOR UNIT



Standard Features

- Copeland hermetic compressors
- Heavy duty weatherproof construction
- Painted cabinet
- High efficiency enhanced tube, fin condenser design
- Gold Coat™ fins
- High efficiency EC variable speed motor
- Receiver with fusible plug and liquid shut-off valve
- Fixed high and low pressure control
- Crankcase heater

Optional Accessories

- Suction accumulator
- Sealed suction filter
- Heated and insulated receiver - required in ambients below 10°F
- Insulated suction line
- Non-fused disconnect switch
- Time delay relay
- Sound insulated compressor compartment
- Wall mount kit

- Data is typical of "free field" conditions. Factors such as reflecting wall, background noise and installation may have significant influence on data
- Testing performed according to AHRI Standard 270
- For more accurate ratings refer to AHRI Standard 275 for correction factors due to reflecting planes
- Data is for 100% fan speed. Further sound reductions of approx. 4-6 dBA can be expected at ambients below 70°F

KQHA LINE, EXTENDED MEDIUM, R404A

- AB models include sealed liquid line filter drier and sight glass
- Sound ratings at 100% fan speed and without sound insulated cabinet

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Sound (db)	Connections (In.) Suction	Liquid	Ship Wgt. (Lbs)	Price
KQHA010E6HS2AB	1	208-230/1/60	9.6	29-1/4	18-3/4	48-1/8	11	61	5/8	3/8	305	Call
KQHA010E6HT3AB	1	208-230/3/60	7	29-1/4	18-3/4	48-1/8	11	61	5/8	3/8	305	Call
KQHA015E6HS2AB	1-1/2	208-230/1/60	14	29-1/4	18-3/4	48-1/8	11	61	5/8	3/8	315	Call
KQHA015E6HT3AB	1-1/2	208-230/3/60	10.1	29-1/4	18-3/4	48-1/8	11	61	5/8	3/8	315	Call
KQHA015E6HT4AB	1-1/2	460/3/60	4.9	29-1/4	18-3/4	48-1/8	11	61	5/8	3/8	315	Call
KQHA020E6HS2AB	2	208-230/1/60	14	29-1/4	18-3/4	48-1/8	11	63	5/8	3/8	315	Call
KQHA020E6HT3AB	2	208-230/3/60	10.1	29-1/4	18-3/4	48-1/8	11	63	5/8	3/8	315	Call
KQHA025E6HS2AB	2-1/2	208-230/1/60	15.7	29-1/4	18-3/4	48-1/8	14	62	7/8	1/2	315	Call
KQHA025E6HT3AB	2-1/2	208-230/3/60	12	29-1/4	18-3/4	48-1/8	14	62	7/8	1/2	315	Call
KQHA025E6HT4AB	2-1/2	460/3/60	6.2	29-1/4	18-3/4	48-1/8	14	62	7/8	1/2	315	Call
KQHA030E6HS2AB	3	208-230/1/60	19.6	29-1/4	18-3/4	48-1/8	14	63	7/8	1/2	315	Call
KQHA030E6HT3AB	3	208-230/3/60	11.6	29-1/4	18-3/4	48-1/8	14	63	7/8	1/2	315	Call
KQHA030E6HT4AB	3	460/3/60	6.2	29-1/4	18-3/4	48-1/8	14	63	7/8	1/2	315	Call

KQHA LINE, EXTENDED MEDIUM, R404A

- AF models include sealed liquid line filter drier, sight glass and mechanical time clock
- Sound ratings at 100% fan speed and without sound insulated cabinet

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Sound (db)	Connections (In.) Suction	Liquid	Ship Wgt. (Lbs)	Price
KQHA010L6HS2AF	1	208-230/1/60	14.1	29-1/4	18-3/4	48-1/8	11	58	5/8	3/8	320	Call
KQHA010L6HT3AF	1	208-230/3/60	9.3	29-1/4	18-3/4	48-1/8	11	58	5/8	3/8	320	Call
KQHA020L6HS2AF	2	208-230/1/60	14.5	29-1/4	18-3/4	48-1/8	11	59	7/8	3/8	320	Call
KQHA020L6HT3AF	2	208-230/3/60	9.6	29-1/4	18-3/4	48-1/8	11	59	7/8	3/8	320	Call
KQHA025L6HS2AF	2-1/2	208-230/1/60	20.5	29-1/4	18-3/4	48-1/8	14	60	7/8	1/2	330	Call
KQHA025L6HT3AF	2-1/2	208-230/3/60	13.2	29-1/4	18-3/4	48-1/8	14	60	7/8	1/2	330	Call
KQHA025L6HT4AF	2-1/2	460/3/60	7.1	29-1/4	18-3/4	48-1/8	14	60	7/8	1/2	330	Call
KQHA030L6HS2AF	3	208-230/1/60	24.7	29-1/4	18-3/4	48-1/8	14	61	7/8	1/2	330	Call
KQHA030L6HT3AF	3	208-230/3/60	15.5	29-1/4	18-3/4	48-1/8	14	61	7/8	1/2	330	Call
KQHA030L6HT4AF	3	460/3/60	8.3	29-1/4	18-3/4	48-1/8	14	61	7/8	1/2	330	Call

REFRIGERATION EQUIPMENT

AIR COOLED SCROLL CONDENSING UNIT

KEZA LINE



The KEZ units are available with Copeland scroll compressors and come complete with many standard features.

Standard Features

- Weatherproof electrical control box with compressor contactor and fused control circuit
- Welded hermetic scroll compressor
- High efficiency enhanced tube and fin condenser
- Energy efficient PSC condenser fan motor
- Receiver with fusible plug & liquid shut off valve
- Adjustable dual high / low pressure control
- Suction service valve
- Pre-formed copper tubing
- Unit leak tested and shipped with Helium charge
- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non adjustable)
- Crankcase heater

KEZA LINE, LOW TEMPERATURE, OUTDOOR, R407C, R407A,R404A, R507

			Dimensions			Connections			
Part No.	HP	Voltage	H	W	L	Liquid	Suction	Ship Wgt. (Lbs)	Price
KEZA008L8-HS2C	3/4	208-230/1/60	-	-	-	-	-	205	Call
KEZA008L8-HS7C	3/4	200/1/50	-	-	-	-	-	205	Call
KEZA008L8-HT3C	3/4	208-230/3/60	-	-	-	-	-	205	Call
KEZA008L8-HT7C	3/4	200-220/3/50	-	-	-	-	-	205	Call
KEZA010L8-HS2C	1	208-230/1/60	-	-	-	-	-	205	Call
KEZA010L8-HS7C	1	200/1/50	-	-	-	-	-	205	Call
KEZA010L8-HT3C	1	208-230/3/60	-	-	-	-	-	205	Call
KEZA010L8-HT7C	1	200-220/3/50	-	-	-	-	-	205	Call
KEZA015L8-HS2C	1-1/2	208-230/1/60	-	-	-	-	-	210	Call
KEZA015L8-HS7C	1-1/2	200/1/50	-	-	-	-	-	210	Call
KEZA015L8-HT3C	1-1/2	208-230/30/60	-	-	-	-	-	210	Call
KEZA015L8-HT7C	1-1/2	200-220/3/50	-	-	-	-	-	210	Call
KEZA020L8-HS2C	2	208-230/1/60	19-7/8	36-3/8	30-3/8	3/8	7/8	315	Call
KEZA020L8-HS7C	2	200/1/50	19-7/8	36-3/8	30-3/8	3/8	7/8	315	Call
KEZA020L8-HT3C	2	208-230/3/60	19-7/8	36-3/8	30-3/8	3/8	7/8	315	Call
KEZA020L8-HT7C	2	200-220/3/50	19-7/8	36-3/8	30-3/8	3/8	7/8	315	Call
KEZA025L8-HS2C	2-1/2	208-230/1/60	19-7/8	36-3/8	30-3/8	3/8	7/8	335	Call
KEZA025L8-HS7C	2-1/2	200/1/50	19-7/8	36-3/8	30-3/8	3/8	7/8	335	Call
KEZA025L8-HT3C	2-1/2	208-230/3/60	19-7/8	36-3/8	30-3/8	3/8	7/8	335	Call
KEZA025L8-HT4C	2-1/2	460/3/60	19-7/8	36-3/8	30-3/8	3/8	7/8	335	Call
KEZA025L8-HT7C	2-1/2	200-220/3/50	19-7/8	36-3/8	30-3/8	3/8	7/8	335	Call
KEZA025L8-HT9C	2-1/2	380-400/3/50	19-7/8	36-3/8	30-3/8	3/8	7/8	335	Call
KEZA030L8-HS2C	3	208-230/1/60	19-7/8	36-3/8	30-3/8	3/8	7/8	425	Call
KEZA030L8-HS7C	3	200/1/50	19-7/8	36-3/8	30-3/8	3/8	7/8	425	Call
KEZA030L8-HT3C	3	208-230/3/60	19-7/8	36-3/8	30-3/8	3/8	7/8	425	Call
KEZA030L8-HT4C	3	460/3/60	19-7/8	36-3/8	30-3/8	3/8	7/8	425	Call
KEZA030L8-HT5C	3	575/3/60	19-7/8	36-3/8	30-3/8	3/8	7/8	425	Call
KEZA030L8-HT7C	3	200-220/3/50	19-7/8	36-3/8	30-3/8	3/8	7/8	425	Call
KEZA030L8-HT9C	3	380-400/3/50	19-7/8	36-3/8	30-3/8	3/8	7/8	425	Call
KEZA035L8-HS2C	3-1/2	208-230/1/60	19-7/8	36-3/8	30-3/8	1/2	7/8	430	Call
KEZA035L8-HS7C	3-1/2	200/1/50	19-7/8	36-3/8	30-3/8	1/2	7/8	430	Call
KEZA035L8-HT3C	3-1/2	208-230/3/60	19-7/8	36-3/8	30-3/8	1/2	7/8	430	Call
KEZA035L8-HT4C	3-1/2	460/3/60	19-7/8	36-3/8	30-3/8	1/2	7/8	430	Call
KEZA035L8-HT5C	3-1/2	575/3/60	19-7/8	36-3/8	30-3/8	1/2	7/8	430	Call
KEZA035L8-HT7C	3-1/2	200-220/3/50	19-7/8	36-3/8	30-3/8	1/2	7/8	430	Call
KEZA035L8-HT9C	3-1/2	380-400/3/50	19-7/8	36-3/8	30-3/8	1/2	1-1/8	430	Call
KEZA045L8-HS2C	4-1/2	208-230/1/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	435	Call
KEZA045L8-HT3C	4-1/2	208-230/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	435	Call
KEZA045L8-HT4C	4-1/2	460/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	435	Call
KEZA045L8-HT5C	4-1/2	575/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	435	Call

REFRIGERATION EQUIPMENT

AIR COOLED SCROLL CONDENSING UNIT

KEZA LINE, LOW TEMPERATURE, OUTDOOR, R407C, R407A,R404A, R507 (Cont)

			Dimensions			Connections			
Part No.	HP	Voltage	H	W	L	Liquid	Suction	Ship Wgt. (Lbs)	Price
KEZA045L8-HT7C	4-1/2	200-220/3/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	435	Call
KEZA045L8-HT9C	4-1/2	380-400/3/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	435	Call
KEZA055L8-HS2C	5-1/2	208-230/1/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	440	Call
KEZA055L8-HS7C	5-1/2	200/1/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	440	Call
KEZA055L8-HT3C	5-1/2	208-230/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	440	Call
KEZA055L8-HT4C	5-1/2	460/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	440	Call
KEZA055L8-HT5C	5-1/2	575/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	440	Call
KEZA055L8-HT7C	5-1/2	200-220/3/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	440	Call
KEZA055L8-HT9C	5-1/2	380-400/3/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	440	Call
KEZA060L8-HT3C	6	208-230/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	485	Call
KEZA060L8-HT4C	6	460/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	485	Call
KEZA060L8-HT5C	6	575/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	485	Call
KEZA060L8-HT7C	6	200-220/3/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	485	Call
KEZA060L8-HT9C	6	380-400/3/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	485	Call
KEZA075L8-HT3C	7-1/2	208-230/3/60	41-7/8	52-1/8	35-7/8	5/8	1-3/8	495	Call
KEZA075L8-HT4C	7-1/2	460/3/60	41-7/8	52-1/8	35-7/8	5/8	1-3/8	495	Call
KEZA075L8-HT5C	7-1/2	575/3/60	41-7/8	52-1/8	35-7/8	5/8	1-3/8	495	Call
KEZA075L8-HT7C	7-1/2	200-220/3/50	41-7/8	52-1/8	35-7/8	5/8	1-3/8	495	Call
KEZA075L8-HT9C	7-1/2	380-400/3/50	41-7/8	52-1/8	35-7/8	5/8	1-3/8	495	Call
KEZA085L8-HT3C	8-1/2	208-230/3/60	41-7/8	52-1/8	35-7/8	5/8	1-3/8	525	Call
KEZA085L8-HT4C	8-1/2	460/3/60	41-7/8	52-1/8	35-7/8	5/8	1-3/8	525	Call
KEZA085L8-HT5C	8-1/2	575/3/60	41-7/8	52-1/8	35-7/8	5/8	1-3/8	525	Call
KEZA085L8-HT7C	8-1/2	200-220/3/50	41-7/8	52-1/8	35-7/8	5/8	1-3/8	525	Call
KEZA085L8-HT9C	8-1/2	380-400/3/50	41-7/8	52-1/8	35-7/8	5/8	1-3/8	525	Call
KEZA100L8-HT3C	10	208-230/3/60	41-7/8	52-1/8	35-7/8	5/8	1-3/8	545	Call
KEZA100L8-HT4C	10	460/3/60	41-7/8	52-1/8	35-7/8	5/8	1-3/8	545	Call
KEZA100L8-HT5C	10	575/3/60	41-7/8	52-1/8	35-7/8	5/8	1-3/8	545	Call
KEZA100L8-HT7C	10	200-220/3/50	41-7/8	52-1/8	35-7/8	5/8	1-3/8	545	Call
KEZA100L8-HT9C	10	380-400/3/50	41-7/8	52-1/8	35-7/8	5/8	1-3/8	545	Call
KEZA130L8-HT3C	13	208-230/3/60	41-7/8	65-1/8	35-7/8	5/8	1-3/8	725	Call
KEZA130L8-HT4C	13	460/3/60	41-7/8	65-1/8	35-7/8	5/8	1-3/8	725	Call
KEZA130L8-HT5C	13	575/3/60	41-7/8	65-1/8	35-7/8	5/8	1-3/8	725	Call
KEZA130L8-HT7C	13	200-220/3/50	41-7/8	65-1/8	35-7/8	5/8	1-3/8	725	Call
KEZA130L8-HT9C	13	380-400/3/50	41-7/8	65-1/8	35-7/8	5/8	1-3/8	725	Call
KEZA150L8-HT3C	15	208-230/3/60	41-7/8	65-1/8	35-7/8	5/8	1-3/8	745	Call
KEZA150L8-HT4C	15	460/3/60	41-7/8	65-1/8	35-7/8	5/8	1-3/8	745	Call
KEZA150L8-HT5C	15	575/3/60	41-7/8	65-1/8	35-7/8	5/8	1-3/8	745	Call
KEZA150L8-HT7C	15	200-220/3/50	41-7/8	65-1/8	35-7/8	5/8	1-3/8	745	Call
KEZA150L8-HT9C	15	380-400/3/50	41-7/8	65-1/8	35-7/8	5/8	1-3/8	745	Call

KEZA LINE, HIGH/MEDIUM TEMPERATURE, OUTDOOR, R407A,R448A, R507, R407C

			Dimensions			Connections			
Part No.	HP	Voltage	H	W	L	Liquid	Suction	Ship Wgt. (Lbs)	Price
KEZA010H8-HT3C	1	208-230/3/60	19-7/8	36-3/8	30-3/8	3/8	5/8	200	5479.00
KEZA010H8-HT4C	1	460/3/60	19-7/8	36-3/8	30-3/8	3/8	5/8	200	6116.00
KEZA010H8-HT7C	1	200-220/3/50	19-7/8	36-3/8	30-3/8	3/8	5/8	200	5479.00
KEZA010H8-HT9C KEZA011H8-HS2C KEZA010H8-HT9C	1	380-400/3/50	19-7/8	36-3/8	30-3/8	3/8	5/8	200	6116.00
KEZA011H8-HS2C	1	208-230/1/60	19-7/8	36-3/8	30-3/8	3/8	5/8	285	5847.00
KEZA011H8-HT3C	1	208-230/3/60	19-7/8	36-3/8	30-3/8	3/8	5/8	285	5790.00
KEZA011H8-HT4C	1	460/3/60	19-7/8	36-3/8	30-3/8	3/8	5/8	285	Call
KEZA011H8-HT7C	1	200-220/3/50	19-7/8	36-3/8	30-3/8	3/8	5/8	285	Call
KEZA011H8-HT9C	1	380-400/3/50	19-7/8	36-3/8	30-3/8	3/8	5/8	285	Call
KEZA015H8-HS2C	1-1/2	208-230/1/60	19-7/8	36-3/8	30-3/8	3/8	7/8	285	Call
KEZA015H8-HT3C	1-1/2	208-230/3/60	19-7/8	36-3/8	30-3/8	3/8	7/8	285	Call
KEZA015H8-HT4C	1-1/2	460/3/60	19-7/8	36-3/8	30-3/8	3/8	7/8	285	Call
KEZA015H8-HT7C	1-1/2	200-220/3/50	19-7/8	36-3/8	30-3/8	3/8	7/8	285	Call
KEZA015H8-HT9C	1-1/2	380-400/3/50	19-7/8	36-3/8	30-3/8	3/8	7/8	285	Call
KEZA020H8-HS2C	2	208-230/1/60	19-7/8	36-3/8	30-3/8	3/8	7/8	300	Call
KEZA020H8-HT3C	2	208-230/3/60	19-7/8	36-3/8	30-3/8	3/8	7/8	300	Call
KEZA020H8-HT4C	2	460/3/60	19-7/8	36-3/8	30-3/8	3/8	7/8	300	Call
KEZA020H8-HT7C	2	200-220/3/50	19-7/8	36-3/8	30-3/8	3/8	7/8	300	Call
KEZA020H8-HT9C	2	380-400/3/50	19-7/8	36-3/8	30-3/8	3/8	7/8	300	Call
KEZA025H8-HS2C	2-1/2	208-230/1/60	19-7/8	36-3/8	30-3/8	1/2	7/8	320	Call
KEZA025H8-HT3C	2-1/2	208-230/3/60	19-7/8	36-3/8	30-3/8	1/2	7/8	320	Call
KEZA025H8-HT4C	2-1/2	460/3/60	19-7/8	36-3/8	30-3/8	1/2	7/8	320	Call
KEZA025H8-HT7C	2-1/2	200-220/3/50	19-7/8	36-3/8	30-3/8	1/2	7/8	320	Call
KEZA025H8-HT9C	2-1/2	380-400/3/50	19-7/8	36-3/8	30-3/8	1/2	7/8	320	Call
KEZA030H8-HS2C	3	208-230/1/60	30-3/8	43-7/8	32-7/8	1/2	7/8	410	Call
KEZA030H8-HT3C	3	208-230/3/60	30-3/8	43-7/8	32-7/8	1/2	7/8	410	Call
KEZA030H8-HT4C	3	460/3/60	30-3/8	43-7/8	32-7/8	1/2	7/8	410	Call
KEZA030H8-HT7C	3	200-220/3/50	30-3/8	43-7/8	32-7/8	1/2	7/8	410	Call
KEZA030H8-HT9C	3	380-400/3/50	30-3/8	43-7/8	32-7/8	1/2	7/8	410	Call
KEZA035H8-HS2C	3-1/2	208-230/1/60	30-3/8	43-7/8	32-7/8	1/2	7/8	415	Call
KEZA035H8-HT3C	3-1/2	208-230/3/60	30-3/8	43-7/8	32-7/8	1/2	7/8	415	Call
KEZA035H8-HT4C	3-1/2	460/3/60	30-3/8	43-7/8	32-7/8	1/2	7/8	415	Call
KEZA035H8-HT7C	3-1/2	200-220/3/50	30-3/8	43-7/8	32-7/8	1/2	7/8	415	Call
KEZA035H8-HT9C	3-1/2	380-400/3/50	30-3/8	43-7/8	32-7/8	1/2	7/8	415	Call
KEZA040H8-HS2C	4	208-230/1/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	420	Call
KEZA040H8-HT3C	4	208-230/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	420	Call
KEZA040H8-HT4C	4	460/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	420	Call
KEZA040H8-HT5C	4	575/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	420	Call
KEZA040H8-HT7C	4	200-220/3/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	420	Call
KEZA040H8-HT9C	4	380-400/3/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	420	Call
KEZA045H8-HS2C	4-1/2	208-230/1/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	420	Call
KEZA045H8-HT3C	4-1/2	208-230/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	420	Call
KEZA045H8-HT4C	4-1/2	460/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	420	Call
KEZA045H8-HT5C	4-1/2	575/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	420	Call
KEZA045H8-HT7C	4-1/2	200-220/3/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	420	Call
KEZA045H8-HT9C	4-1/2	380-400/3/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	420	Call
KEZA050H8-HS2C	5	208-230/1/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	425	Call
KEZA050H8-HT3C	5	208-230/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	425	Call
KEZA050H8-HT4C	5	460/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	425	Call
KEZA050H8-HT5C	5	575/3/60	30-3/8	43-7/8	32-7/8	1/2	1-1/8	425	Call
KEZA050H8-HT7C	5	200-220/3/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	425	Call
KEZA050H8-HT9C	5	380-400/3/50	30-3/8	43-7/8	32-7/8	1/2	1-1/8	425	Call
KEZA060H8-HT3C	6	208-230/3/60	41-7/8	52-1/8	35-7/8	5/8	1-1/8	470	Call
KEZA060H8-HT4C	6	460/3/60	41-7/8	52-1/8	35-7/8	5/8	1-1/8	470	Call
KEZA060H8-HT5C	6	575/3/60	41-7/8	52-1/8	35-7/8	5/8	1-1/8	470	Call
KEZA060H8-HT7C	6	200-220/3/50	41-7/8	52-1/8	35-7/8	5/8	1-1/8	470	Call

REFRIGERATION EQUIPMENT

AIR COOLED SCROLL CONDENSING UNIT

KEZA LINE, HIGH/MEDIUM TEMPERATURE, OUTDOOR, R407A,R448A, R507, R407C

			Dimensions			Connections			
Part No.	HP	Voltage	H	W	L	Liquid	Suction	Ship Wgt. (Lbs)	Price
KEZA060H8-HT9C	6	380-400/3/50	41-7/8	52-1/8	35-7/8	5/8	1-1/8	470	Call
KEZA061H8-HT3C	6	208-230/3/60	41-7/8	52-1/8	35-7/8	5/8	1-1/8	510	Call
KEZA061H8-HT4C	6	460/3/60	41-7/8	52-1/8	35-7/8	5/8	1-1/8	510	Call
KEZA061H8-HT5C	6	575/3/60	41-7/8	52-1/8	35-7/8	5/8	1-1/8	510	Call
KEZA061H8-HT7C	6	200-220/3/50	41-7/8	52-1/8	35-7/8	5/8	1-1/8	510	Call
KEZA061H8-HT9C	6	380-400/3/50	41-7/8	52-1/8	35-7/8	5/8	1-1/8	510	Call
KEZA070H8-HT3C	7	208-230/3/60	41-7/8	52-1/8	35-7/8	5/8	1-3/8	515	Call
KEZA070H8-HT4C	7	460/3/60	41-7/8	52-1/8	35-7/8	5/8	1-3/8	515	Call
KEZA070H8-HT5C	7	575/3/60	41-7/8	52-1/8	35-7/8	5/8	1-3/8	515	Call
KEZA070H8-HT7C	7	200-220/3/50	41-7/8	52-1/8	35-7/8	5/8	1-3/8	515	Call
KEZA070H8-HT9C	7	380-400/3/50	41-7/8	52-1/8	35-7/8	5/8	1-3/8	515	Call
KEZA076H8-HT3C	7-1/2	208-230/3/60	41-7/8	65-1/8	35-7/8	5/8	1-3/8	635	Call
KEZA076H8-HT4C	7-1/2	460/3/60	41-7/8	65-1/8	35-7/8	5/8	1-3/8	635	Call
KEZA076H8-HT5C	7-1/2	575/3/60	41-7/8	65-1/8	35-7/8	5/8	1-3/8	635	Call
KEZA076H8-HT7C	7-1/2	200-220/3/50	41-7/8	65-1/8	35-7/8	5/8	1-3/8	635	Call
KEZA076H8-HT9C	7-1/2	380-400/3/50	41-7/8	65-1/8	35-7/8	5/8	1-3/8	635	Call
KEZA085H8-HT3C	8-1/2	208-230/3/60	41-7/8	65-1/8	35-7/8	5/8	1-3/8	645	Call
KEZA085H8-HT4C	8-1/2	460/3/60	41-7/8	65-1/8	35-7/8	5/8	1-3/8	645	Call
KEZA085H8-HT5C	8-1/2	575/3/60	41-7/8	65-1/8	35-7/8	5/8	1-3/8	645	Call
KEZA085H8-HT7C	8-1/2	200-220/3/50	41-7/8	65-1/8	35-7/8	5/8	1-3/8	645	Call
KEZA085H8-HT9C	8-1/2	380-400/3/50	41-7/8	65-1/8	35-7/8	5/8	1-3/8	645	Call
KEZA110H8-HT3C	11	208-230/3/60	45-1/2	75-7/8	45-3/4	7/8	1-3/8	745	Call
KEZA110H8-HT4C	11	460/3/60	45-1/2	75-7/8	45-3/4	7/8	1-3/8	745	Call
KEZA110H8-HT5C	11	575/3/60	45-1/2	75-7/8	45-3/4	7/8	1-3/8	745	Call
KEZA110H8-HT7C	11	200-220/3/50	45-1/2	75-7/8	45-3/4	7/8	1-3/8	745	Call
KEZA110H8-HT9C	11	380-400/3/50	45-1/2	75-7/8	45-3/4	7/8	1-3/8	745	Call
KEZA150H8-HT3C	15	208-230/3/60	45-1/2	75-7/8	45-3/4	7/8	1-3/8	845	Call
KEZA150H8-HT4C	15	460/3/60	45-1/2	75-7/8	45-3/4	7/8	1-5/8	845	Call
KEZA150H8-HT5C	15	575/3/60	45-1/2	75-7/8	45-3/4	7/8	1-5/8	845	Call
KEZA150H8-HT7C	15	200-220/3/50	45-1/2	75-7/8	45-3/4	7/8	1-5/8	845	Call
KEZA150H8-HT9C	15	380-400/3/50	45-1/2	75-7/8	45-3/4	7/8	1-5/8	845	Call

REFRIGERATION EQUIPMENT

AIR COOLED SCROLL CONDENSING UNIT

KQZA QUIET SCROLL OUTDOOR



Standard Features

- Copeland Scroll compressors
- Heavy duty weatherproof construction
- Painted cabinet
- Gold Coat™ fins
- Crankcase heater
- High efficiency enhanced tube and fin condenser design
- High efficiency EC variable speed motor as head pressure control
- Receiver with fusible plug and liquid shut-off valve
- Liquid injection (low temperature models)
- Fixed high and adjustable low pressure control
- Discharge thermostat on applicable models only

Optional Accessories

- Suction accumulator
- Sealed suction filter
- Heated and insulated receiver - required in ambients below 10°F
- Non-fused disconnect switch
- Pump down toggle switch
- Sound insulated compressor compartment* (lowers listed dBA by 3 at 10')
- Wall mount kit

*Sound(db) conditions

- Data is typical of "free field" conditions. Factors such as reflecting wall, background noise and installation may have significant influence on data
- Testing performed according to AHRI Standard 270
- For more accurate ratings refer to AHRI Standard 275 for correction factors due to reflecting planes
- Data is for 100% fan speed. Further sound reductions of approx. 4-6 dBA can be expected at ambients below 70°F

KQZA LINE, MEDIUM TEMPERATURE, OUTDOOR, R404A, R507

- AB models include sealed liquid line filter drier and sight glass
- Sound ratings at 100% fan speed and without sound insulated cabinet

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs)	Price
				H	W	L		Suction	Liquid		
KQZA010M6HS2AB	1	208-230/1/60	14.2	29-1/4	18-3/4	48-1/8	11	5/8	3/8	300	Call
KQZA011M6HS2AB	1.1	208-230/1/60	14.2	29-1/4	18-3/4	48-1/8	11	5/8	3/8	305	Call
KQZA015M6HS2AB	1-1/2	208-230/1/60	17.8	29-1/4	18-3/4	48-1/8	14	7/8	3/8	305	Call
KQZA020H8HS2AB	2	208-230/1/60	21.3	29-1/4	18-3/4	48-1/8	14	7/8	3/8	325	9169.00
KQZA020H8HT3AB	2	208-230/3/60	12.8	29-1/4	18-3/4	48-1/8	14	7/8	3/8	325	9068.00
KQZA020H8HT4AB	2	460/3/60	7.2	29-1/4	18-3/4	48-1/8	14	7/8	3/8	325	Call
KQZA025H8HS2AB	2-1/2	208-230/1/60	24.1	29-1/4	18-3/4	48-1/8	19.5	7/8	1/2	325	Call
KQZA025H8HT3AB	2-1/2	208-230/3/60	14.2	29-1/4	18-3/4	48-1/8	19.5	7/8	1/2	325	Call
KQZA025H8HT4AB	2-1/2	460/3/60	7.2	29-1/4	18-3/4	48-1/8	19.5	7/8	1/2	325	Call
KQZA030H8HS2AB	3	208-230/1/60	27.6	29-1/4	18-3/4	48-1/8	19.5	7/8	1/2	325	9629.00
KQZA030H8HT3AB	3	208-230/3/60	16.8	29-1/4	18-3/4	48-1/8	19.5	7/8	1/2	325	9729.00
KQZA030H8HT4AB	3	460/3/60	10.2	29-1/4	18-3/4	48-1/8	19.5	7/8	1/2	325	Call
KQZA035H8HS2AB	3-1/2	208-230/1/60	32.9	29-1/4	18-3/4	48-1/8	21.5	7/8	1/2	400	Call
KQZA035H8HT3AB	3-1/2	208-230/3/60	20.8	29-1/4	18-3/4	48-1/8	21.5	7/8	1/2	400	Call
KQZA035H8HT4AB	3-1/2	460/3/60	10.7	29-1/4	18-3/4	48-1/8	21.5	7/8	1/2	400	Call
KQZA040H8HS2AB	4	208-230/1/60	39.6	29-1/4	18-3/4	48-1/8	21.5	1-1/8	3/8	400	Call
KQZA040H8HT3AB	4	208-230/3/60	23.0	29-1/4	18-3/4	48-1/8	21.5	1-1/8	3/8	400	11191.00
KQZA040H8HT4AB	4	460/3/60	11.2	29-1/4	18-3/4	48-1/8	21.5	1-1/8	3/8	400	Call
KQZA050H8HS2AB	5	208-230/1/60	42.3	29-1/4	18-3/4	48-1/8	21.5	1-1/8	3/8	450	Call
KQZA050H8HT3AB	5	208-230/3/60	31.0	29-1/4	18-3/4	48-1/8	21.5	1-1/8	3/8	450	11684.00
KQZA050H8HT4AB	5	460/3/60	13.8	29-1/4	18-3/4	48-1/8	21.5	1-1/8	3/8	450	Call
KQZA060H8HT3AB	6	208-230/3/60	31.5	29-1/4	18-3/4	48-1/8	30.0	1-1/8	1/2	500	Call
KQZA060H8HT4AB	6	460/3/60	16.2	29-1/4	18-3/4	48-1/8	30.0	1-1/8	1/2	500	Call

REFRIGERATION EQUIPMENT

AIR COOLED SCROLL CONDENSING UNIT

KQZA LINE, LOW TEMPERATURE, OUTDOOR, R404A

- AF models include sealed liquid line filter drier, sight glass and mechanical time clock
- Sound ratings at 100% fan speed and without sound insulated cabinet

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs)	Price
				H	W	L		Suction	Liquid		
KQZA020L6HS2AF	2	208-230/1/60	18.7	29-1/4	18-3/4	48-1/8	11	7/8	3/8	320	9735.00
KQZA020L6HT3AF	2	208-230/3/60	13.3	29-1/4	18-3/4	48-1/8	11	7/8	3/8	320	9914.00
KQZA020L6HT4AF	2	460/3/60	6.3	29-1/4	18-3/4	48-1/8	11	7/8	3/8	320	Call
KQZA025L6HS2AF	2-1/2	208-230/1/60	22.2	29-1/4	18-3/4	48-1/8	14	7/8	3/8	325	Call
KQZA025L6HT3AF	2-1/2	208-230/3/60	13.8	29-1/4	18-3/4	48-1/8	14	7/8	3/8	325	Call
KQZA025L6HT4AF	2-1/2	460/3/60	7.2	29-1/4	18-3/4	48-1/8	14	7/8	3/8	325	Call
KQZA030L6HS2AF	3	208-230/1/60	22.2	29-1/4	18-3/4	48-1/8	14	7/8	3/8	325	Call
KQZA030L6HT3AF	3	208-230/3/60	13.7	29-1/4	18-3/4	48-1/8	14	7/8	3/8	325	10449.00
KQZA030L6HT4AF	3	460/3/60	8	29-1/4	18-3/4	48-1/8	14	7/8	3/8	325	Call
KQZA035L6HS2AF	3-1/2	208-230/1/60	27.6	29-1/4	18-3/4	48-1/8	19.5	7/8	1/2	325	Call
KQZA035L6HT3AF	3-1/2	208-230/3/60	16.8	29-1/4	18-3/4	48-1/8	19.5	7/8	1/2	325	11773.00
KQZA035L6HT4AF	3-1/2	460/3/60	9.8	29-1/4	18-3/4	48-1/8	19.5	7/8	1/2	325	Call
KQZA045L6HS2AF	4-1/2	208-230/1/60	39.6	29-1/4	18-3/4	48-1/8	21.5	1-1/8	1/2	400	Call
KQZA045L6HT3AF	4-1/2	208-230/3/60	22.2	29-1/4	18-3/4	48-1/8	21.5	1-1/8	1/2	400	Call
KQZA045L6HT4AF	4-1/2	460/3/60	12.1	29-1/4	18-3/4	48-1/8	21.5	1-1/8	1/2	400	Call
KQZA055L6HT3AF	5-1/2	208-230/3/60	30.2	29-1/4	18-3/4	48-1/8	21.5	1-1/8	1/2	450	Call
KQZA055L6HT4AF	5-1/2	460/3/60	13.8	29-1/4	18-3/4	48-1/8	21.5	1-1/8	1/2	450	Call
KQZA060L6HT3AF	6	208-230/3/60	33.3	29-1/4	18-3/4	48-1/8	21.5	1-1/8	1/2	500	Call
KQZA060L6HT4AF	6	460/3/60	13.4	29-1/4	18-3/4	48-1/8	21.5	1-1/8	1/2	500	Call

REFRIGERATION EQUIPMENT

AIR COOLED SEMI-HERMETIC CONDENSING UNIT

KESA LINE



- Weatherproof electrical control box with compressor contactor and fused control circuit
- Solid mount semi hermetic compressor up to 2 HP
- Spring mounted semi hermetic compressor 3 HP and larger
- High efficiency enhanced tube & fin condenser design
- Energy efficient PSC condenser fan motor
- Receiver with fusible plug and liquid shut off valve
- Adjustable dual high / low pressure control
- Suction service valve
- Pre-formed copper tubing
- Unit leak tested and shipped with helium charge

KESA LINE, HIGH TEMPERATURE, OUTDOOR, R22

- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non adjustable)
- Crankcase heater
- Models include sealed liquid line filter drier and sight glass
- H2 models for R22 only, charged with alkylbenzene oil; H8 models for R22, R407C, R404A, R507charged with polyol ester oil

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)				Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs)	Price
				H	W	L	L/Hood		Suction	Liquid		
KESA005H2HS2BB	1/2	208-230/1/60	5.5	16-7/8	24-7/8	30-3/8	34-3/8	6.0	1/2	3/8	215	Call
KESA005H2HT3BB	1/2	208-230/3/60	3.5	16-7/8	24-7/8	30-3/8	34-3/8	6.0	1/2	3/8	215	Call
KESA008H2HS2BB	3/4	208-230/1/60	8.1	16-7/8	24-7/8	30-3/8	34-3/8	6.0	1/2	3/8	240	Call
KESA008H2HT3BB	3/4	208-230/3/60	4.9	16-7/8	24-7/8	30-3/8	34-3/8	6.0	1/2	3/8	240	Call
KESA010H2HS2BB	1	208-230/1/60	9.8	16-7/8	24-7/8	30-3/8	34-3/8	6.0	5/8	3/8	270	Call
KESA010H2HT3BB	1	208-230/3/60	5.9	16-7/8	24-7/8	30-3/8	34-3/8	6.0	5/8	3/8	270	Call
KESA015H2HS2BB	1-1/2	208-230/1/60	13.1	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	3/8	310	Call
KESA015H2HT3BB	1-1/2	208-230/3/60	8.0	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	3/8	310	Call
KESA015H2HT4BB	1-1/2	460/3/60	3.7	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	3/8	310	Call
KESA020H2HS2BB	2	208-230/1/60	14.4	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	1/2	320	Call
KESA020H2HT3BB	2	208-230/3/60	9.6	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	1/2	320	Call
KESA020H2HT4BB	2	460/3/60	4.4	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	1/2	320	Call
KESA030H2HS3BB	3	230/1/60	23.4	30-3/8	47-3/8	32-7/8	43	25.0	1-1/8	1/2	477	Call
KESA030H2HT3BB	3	208-230/3/60	15.7	30-3/8	47-3/8	32-7/8	43	25.0	1-1/8	1/2	477	Call
KESA030H2HT4BB	3	460/3/60	8.9	30-3/8	47-3/8	32-7/8	43	25.0	1-1/8	1/2	477	Call
KESA040H2HT3BB	4	208-230/3/60	28.4	30-3/8	47-3/8	32-7/8	43	25.0	1-1/8	1/2	542	Call
KESA040H2HT4BB	4	460/3/60	15.0	30-3/8	47-3/8	32-7/8	43	25.0	1-1/8	1/2	542	Call
KESA050H2HS3BB	5	230/1/60	39.5	41-7/8	55-5/8	35-7/8	43	35.0	1-3/8	5/8	766	Call
KESA050H8HT3BB	5	208-230/3/60	30.0	41-7/8	55-5/8	35-7/8	43	35.0	1-3/8	5/8	766	Call
KESA050H8HT4BB	5	460/3/60	14.1	41-7/8	55-5/8	35-7/8	43	35.0	1-3/8	5/8	766	Call
KESA051H8HT3BB	5 +	208-230/3/60	30.0	41-7/8	55-5/8	35-7/8	43	35.0	1-3/8	5/8	769	Call
KESA051H8HT4BB	5 +	460/3/60	14.2	41-7/8	55-5/8	35-7/8	43	35.0	1-3/8	5/8	769	Call
KESA075H8HT3BB	7-1/2	208-230/3/60	41.6	41-7/8	55-5/8	35-7/8	50	35.0	1-3/8	5/8	780	Call
KESA075H8HT4BB	7-1/2	460/3/60	18.4	41-7/8	55-5/8	35-7/8	50	35.0	1-3/8	5/8	780	Call
KESA076H8HT3BB	7-1/2 +	208-230/3/60	42.1	41-7/8	55-5/8	35-7/8	50	35.0	1-3/8	5/8	780	Call
KESA076H8HT4BB	7-1/2 +	460/3/60	18.7	41-7/8	55-5/8	35-7/8	50	35.0	1-3/8	5/8	780	Call
KESA080H8HT3BB	8	208-230/3/60	55.5	41-7/8	68-5/8	35-7/8	50	62.0	1-3/8	5/8	885	Call
KESA080H8HT4BB	8	460/3/60	27.2	41-7/8	68-5/8	35-7/8	50	62.0	1-3/8	5/8	885	Call
KESA100H8HT3BB	10	208-230/3/60	58.7	41-7/8	68-5/8	35-7/8	50	62.0	1-3/8	5/8	885	Call
KESA100H8HT4BB	10	460/3/60	27.2	41-7/8	68-5/8	35-7/8	50	62.0	1-3/8	5/8	885	Call
KESA120H8HT3BB	12	208-230/3/60	67.3	45-1/2	75-7/8	45-3/4	59	87.0	1-3/8	7/8	1085	Call
KESA120H8HT4BB	12	460/3/60	32.9	45-1/2	75-7/8	45-3/4	59	87.0	1-3/8	7/8	1085	Call
KESA150H8HT3BB	15	208-230/3/60	81.7	45-1/2	75-7/8	45-3/4	59	87.0	1-5/8	7/8	1085	Call
KESA150H8HT4BB	15	460/3/60	39.7	45-1/2	75-7/8	45-3/4	59	87.0	1-5/8	7/8	1085	Call
KESA200H8HT3BB	20	208-230/3/60	80.6	45-1/2	75-7/8	45-3/4	59	87.0	1-5/8	7/8	1085	Call
KESA200H8HT4BB	20	460/3/60	40.2	45-1/2	75-7/8	45-3/4	59	87.0	1-5/8	7/8	1085	Call

REFRIGERATION EQUIPMENT

AIR COOLED SEMI-HERMETIC CONDENSING UNIT

KESA LINE, HIGH/MEDIUM TEMPERATURE, INDOOR, R22

- Models include sealed liquid line filter drier and sight glass
- H2 models for R22 only, charged with alkylbenzene oil; H8 models for R22, R407C, R404A, R507 charged with polyol ester oil

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs)	Price
				H	W	L		Suction	Liquid		
KESA005H2IS2BB	1/2	208-230/1/60	5.5	16-7/8	24-7/8	30-3/8	6.0	1/2	3/8	204	Call
KESA005H2IT3BB	1/2	208-230/3/60	3.5	16-7/8	24-7/8	30-3/8	6.0	1/2	3/8	204	Call
KESA008H2IS2BB	3/4	208-230/1/60	8.1	16-7/8	24-7/8	30-3/8	6.0	1/2	3/8	230	Call
KESA008H2IT3BB	3/4	208-230/3/60	4.9	16-7/8	24-7/8	30-3/8	6.0	1/2	3/8	230	Call
KESA010H2IS2BB	1	208-230/1/60	9.8	16-7/8	24-7/8	30-3/8	6.0	5/8	3/8	260	Call
KESA010H2IT3BB	1	208-230/3/60	5.9	16-7/8	24-7/8	30-3/8	6.0	5/8	3/8	260	Call
KESA015H2IS2BB	1-1/2	208-230/1/60	13.1	19-7/8	36-3/8	30-3/8	16.0	7/8	3/8	295	Call
KESA015H2IT3BB	1-1/2	208-230/3/60	8.0	19-7/8	36-3/8	30-3/8	16.0	7/8	3/8	295	Call
KESA015H2IT4BB	1-1/2	460/3/60	3.7	19-7/8	36-3/8	30-3/8	16.0	7/8	3/8	295	Call
KESA020H2IS2BB	2	208-230/1/60	14.4	19-7/8	36-3/8	30-3/8	16.0	7/8	1/2	305	Call
KESA020H2IT3BB	2	208-230/3/60	9.6	19-7/8	36-3/8	30-3/8	16.0	7/8	1/2	305	Call
KESA020H2IT4BB	2	460/3/60	4.4	19-7/8	36-3/8	30-3/8	16.0	7/8	1/2	305	Call
KESA030H2IS3BB	3	230/1/60	23.4	30-3/8	47-3/8	32-7/8	25.0	1-1/8	1/2	432	Call
KESA030H2IT3BB	3	208-230/3/60	15.7	30-3/8	47-3/8	32-7/8	25.0	1-1/8	1/2	432	Call
KESA030H2IT4BB	3	460/3/60	8.9	30-3/8	47-3/8	32-7/8	25.0	1-1/8	1/2	432	Call
KESA040H2IT3BB	4	208-230/3/60	28.4	30-3/8	47-3/8	32-7/8	25.0	1-1/8	1/2	497	Call
KESA040H2IT4BB	4	460/3/60	15.0	30-3/8	47-3/8	32-7/8	25.0	1-1/8	1/2	497	Call
KESA050H8IT3BB	5	208-230/3/60	30.0	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	766	Call
KESA050H8IT4BB	5	460/3/60	14.1	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	766	Call
KESA051H8IT3BB	5 +	208-230/3/60	30.0	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	769	Call
KESA051H8IT4BB	5 +	460/3/60	14.2	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	769	Call
KESA075H8IT3BB	7-1/2	208-230/3/60	41.6	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	780	Call
KESA075H8IT4BB	7-1/2	460/3/60	18.4	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	780	Call
KESA076H8IT3BB	7-1/2 +	208-230/3/60	42.1	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	780	Call
KESA076H8IT4BB	7-1/2 +	460/3/60	18.7	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	780	Call

(Call) Please contact your local Aireco branch for pricing.

KESA LINE, MEDIUM TEMPERATURE, OUTDOOR, R22

- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non adjustable)
- Crankcase heater
- Models include sealed liquid line filter drier and sight glass

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)				Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs)	Price
				H	W	L	L/Hood		Suction	Liquid		
KESA005M2HS2BB	1/2	208-230/1/60	5.1	16-7/8	24-7/8	30-3/8	34-3/8	6.0	1/2	3/8	215	Call
KESA005M2HT3BB	1/2	208-230/3/60	3.3	16-7/8	24-7/8	30-3/8	34-3/8	6.0	1/2	3/8	215	Call
KESA008M2HS2BB	3/4	208-230/1/60	7.3	16-7/8	24-7/8	30-3/8	34-3/8	6.0	5/8	3/8	240	Call
KESA008M2HT3BB	3/4	208-230/3/60	4.8	16-7/8	24-7/8	30-3/8	34-3/8	6.0	5/8	3/8	240	Call
KESA010M2HS2BB	1	208-230/1/60	9.9	16-7/8	24-7/8	30-3/8	34-3/8	6.0	5/8	3/8	270	Call
KESA010M2HT3BB	1	208-230/3/60	6.1	16-7/8	24-7/8	30-3/8	34-3/8	6.0	5/8	3/8	270	Call
KESA021M2HS3BB	2 +	230/1/60	14.7	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	1/2	390	Call
KESA021M2HT3BB	2 +	208-230/3/60	9.6	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	1/2	390	Call
KESA021M2HT4BB	2 +	460/3/60	5.1	19-7/8	36-3/8	30-3/8	34-3/8	16.0	7/8	1/2	390	Call
KESA030M2HS3BB	3	230/1/60	24.4	30-3/8	47-3/8	32-7/8	43	25.0	1-1/8	1/2	486	Call
KESA030M2HT3BB	3	208-230/3/60	18.5	30-3/8	47-3/8	32-7/8	43	25.0	1-1/8	1/2	486	Call
KESA030M2HT4BB	3	460/3/60	9.4	30-3/8	47-3/8	32-7/8	43	25.0	1-1/8	1/2	486	Call
KESA050M2HT3BB	5	208-230/3/60	32.5	41-7/8	55-5/8	35-7/8	43	35.0	1-1/8	1/2	738	Call
KESA050M2HT4BB	5	460/3/60	16.2	41-7/8	55-5/8	35-7/8	43	35.0	1-1/8	1/2	738	Call

REFRIGERATION EQUIPMENT

AIR COOLED SEMI-HERMETIC CONDENSING UNIT

KESA LINE, MEDIUM TEMPERATURE, INDOOR, R22

- Models include sealed liquid line filter drier and sight glass

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connections (In.) Suction	Liquid	Ship Wgt. (Lbs)	Price
KESA005M2IS2BB	1/2	208-230/1/60	5.1	16-7/8	24-7/8	30-3/8	6.0	1/2	3/8	205	Call
KESA005M2IT3BB	1/2	208-230/3/60	3.3	16-7/8	24-7/8	30-3/8	6.0	1/2	3/8	205	Call
KESA008M2IS2BB	3/4	208-230/1/60	7.3	16-7/8	24-7/8	30-3/8	6.0	5/8	3/8	230	Call
KESA008M2IT3BB	3/4	208-230/3/60	4.8	16-7/8	24-7/8	30-3/8	6.0	5/8	3/8	230	Call
KESA010M2IS2BB	1	208-230/1/60	9.9	16-7/8	24-7/8	30-3/8	6.0	5/8	3/8	260	Call
KESA010M2IT3BB	1	208-230/3/60	6.1	16-7/8	24-7/8	30-3/8	6.0	5/8	3/8	260	Call
KESA021M2IS3BB	2 +	230/1/60	14.7	19-7/8	36-3/8	30-3/8	16.0	7/8	1/2	370	Call
KESA021M2IT3BB	2 +	208-230/3/60	9.6	19-7/8	36-3/8	30-3/8	16.0	7/8	1/2	370	Call
KESA021M2IT4BB	2 +	460/3/60	5.1	19-7/8	36-3/8	30-3/8	16.0	7/8	1/2	370	Call
KESA030M2IS3BB	3	230/1/60	24.4	30-3/8	47-3/8	32-7/8	25.0	1-1/8	1/2	441	Call
KESA030M2IT3BB	3	208-230/3/60	18.5	30-3/8	47-3/8	32-7/8	25.0	1-1/8	1/2	441	Call
KESA030M2IT4BB	3	460/3/60	9.4	30-3/8	47-3/8	32-7/8	25.0	1-1/8	1/2	441	Call
KESA050M2IT3BB	5	208-230/3/60	32.5	41-7/8	55-5/8	35-7/8	35.0	1-1/8	1/2	693	Call
KESA050M2IT4BB	5	460/3/60	16.2	41-7/8	55-5/8	35-7/8	35.0	1-1/8	1/2	693	Call
KESA050M2IT5BB	5	575/3/60	12.4	41-7/8	55-5/8	35-7/8	35.0	1-1/8	1/2	693	Call

(Call) Please contact your local Aireco branch for pricing.

KESA LINE, HIGH TEMPERATURE, OUTDOOR, R404A, R507, R407C R22

- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non adjustable)
- Crankcase heater
- Models include sealed liquid line filter drier and sight glass

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L/Hood	L	Receiver Cap. (Lbs.)	Connections (In.) Suction	Liquid	Ship Wgt. (Lbs)	Price
KESA050H8HT3BB	5	208-230/3/60	30.0	41-7/8	55-5/8	43	35-7/8	35.0	1-3/8	5/8	766	Call
KESA050H8HT4BB	5	460/3/60	14.1	41-7/8	55-5/8	43	35-7/8	35.0	1-3/8	5/8	766	Call
KESA051H8HT3BB	5 +	208-230/3/60	30.0	41-7/8	55-5/8	43	35-7/8	35.0	1-3/8	5/8	769	Call
KESA051H8HT4BB	5 +	460/3/60	14.2	41-7/8	55-5/8	43	35-7/8	35.0	1-3/8	5/8	769	Call
KESA075H8HT3BB	7-1/2	208-230/3/60	41.6	41-7/8	55-5/8	50	35-7/8	35.0	1-3/8	5/8	780	Call
KESA075H8HT4BB	7-1/2	460/3/60	18.4	41-7/8	55-5/8	50	35-7/8	35.0	1-3/8	5/8	780	Call
KESA076H8HT3BB	7-1/2 +	208-230/3/60	42.1	41-7/8	55-5/8	50	35-7/8	35.0	1-3/8	5/8	780	Call
KESA076H8HT4BB	7-1/2 +	460/3/60	18.7	41-7/8	55-5/8	50	35-7/8	35.0	1-3/8	5/8	780	Call
KESA080H8HT3BB	8	208-230/3/60	55.5	41-7/8	68-5/8	50	35-7/8	62.0	1-3/8	5/8	885	Call
KESA080H8HT4BB	8	460/3/60	27.2	41-7/8	68-5/8	50	35-7/8	62.0	1-3/8	5/8	885	Call
KESA100H8HT3BB	10	208-230/3/60	58.7	41-7/8	68-5/8	50	35-7/8	62.0	1-3/8	5/8	885	Call
KESA100H8HT4BB	10	460/3/60	27.2	41-7/8	68-5/8	50	35-7/8	62.0	1-3/8	5/8	885	Call
KESA120H8HT3BB	12	208-230/3/60	67.3	45-1/2	75-7/8	59	45-3/4	87.0	1-3/8	7/8	1085	Call
KESA120H8HT4BB	12	460/3/60	32.9	45-1/2	75-7/8	59	45-3/4	87.0	1-3/8	7/8	1085	Call
KESA150H8HT3BB	15	208-230/3/60	81.7	45-1/2	75-7/8	59	45-3/4	87.0	1-5/8	7/8	1085	Call
KESA150H8HT4BB	15	460/3/60	39.7	45-1/2	75-7/8	59	45-3/4	87.0	1-5/8	7/8	1085	Call
KESA200H8HT3BB	20	208-230/3/60	80.6	45-1/2	75-7/8	59	45-3/4	87.0	1-5/8	7/8	1085	Call
KESA200H8HT4BB	20	460/3/60	40.2	45-1/2	75-7/8	59	45-3/4	87.0	1-5/8	7/8	1085	Call

REFRIGERATION EQUIPMENT

AIR COOLED SEMI-HERMETIC CONDENSING UNIT

KESA LINE, HIGH/MEDIUM TEMPERATURE, INDOOR, R404A, R507, R407C

- Models include sealed liquid line filter drier and sight glass

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs)	Price
				H	W	L		Suction	Liquid		
KESA050H8IT3BB	5	208-230/3/60	30.0	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	766	Call
KESA050H8IT4BB	5	460/3/60	14.1	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	766	Call
KESA051H8IT3BB	5 +	208-230/3/60	30.0	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	769	Call
KESA051H8IT4BB	5 +	460/3/60	14.2	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	769	Call
KESA075H8IT3BB	7-1/2	208-230/3/60	41.6	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	780	Call
KESA075H8IT4BB	7-1/2	460/3/60	18.4	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	780	Call
KESA076H8IT3BB	7-1/2 +	208-230/3/60	42.1	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	780	Call
KESA076H8IT4BB	7-1/2 +	460/3/60	18.7	41-7/8	55-5/8	35-7/8	35.0	1-3/8	5/8	780	Call
KESA080H8IT3BB	8	208-230/3/60	55.5	41-7/8	68-5/8	35-7/8	62.0	1-3/8	5/8	885	Call
KESA080H8IT4BB	8	460/3/60	27.2	41-7/8	68-5/8	35-7/8	62.0	1-3/8	5/8	885	Call
KESA100H8IT3BB	10	208-230/3/60	58.7	41-7/8	68-5/8	35-7/8	62.0	1-3/8	5/8	885	Call
KESA100H8IT4BB	10	460/3/60	27.2	41-7/8	68-5/8	35-7/8	62.0	1-3/8	5/8	885	Call
KESA120H8IT3BB	12	208-230/3/60	67.3	45-1/2	75-7/8	45-3/4	87.0	1-3/8	7/8	1085	Call
KESA120H8IT4BB	12	460/3/60	32.9	45-1/2	75-7/8	45-3/4	87.0	1-3/8	7/8	1085	Call
KESA150H8IT3BB	15	208-230/3/60	81.7	45-1/2	75-7/8	45-3/4	87.0	1-5/8	7/8	1085	Call
KESA150H8IT4BB	15	460/3/60	39.7	45-1/2	75-7/8	45-3/4	87.0	1-5/8	7/8	1085	Call
KESA200H8IT3BB	20	208-230/3/60	80.6	45-1/2	75-7/8	45-3/4	87.0	1-5/8	7/8	1085	Call
KESA200H8IT4BB	20	460/3/60	40.2	45-1/2	75-7/8	45-3/4	87.0	1-5/8	7/8	1085	Call

(Call) Please contact your local Aireco branch for pricing.

KESA LINE, MEDIUM TEMPERATURE, OUTDOOR, R404A, R507

- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non adjustable)
- Crankcase heater
- Models include sealed liquid line filter drier and sight glass

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)				Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs)	Price
				H	W	L	L/Hood		Suction	Liquid		
KESA005M6HS2BB	1/2	208-230/1/60	5.1	16-7/8	24-7/8	30-3/8	34-3/8	5.2	1/2	3/8	215	Call
KESA010M6HS2BB	1	208-230/1/60	9.8	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	270	Call
KESA010M6HT3BB	1	208-230/3/60	5.9	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	270	Call
KESA020M6HS2BB	2	208-230/1/60	14.4	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	320	Call
KESA020M6HT3BB	2	208-230/3/60	9.6	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	320	Call
KESA021M6HT3BB	2 +	208-230/3/60	12.1	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	390	Call
KESA021M6HT4BB	2 +	460/3/60	5.5	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	390	Call
KESA030M6HS3BB	3	230/1/60	23.4	30-3/8	47-3/8	32-7/8	43	22.0	7/8	1/2	477	Call
KESA030M6HT3BB	3	208-230/3/60	17.6	30-3/8	47-3/8	32-7/8	43	22.0	7/8	1/2	477	Call
KESA030M6HT4BB	3	460/3/60	8.4	30-3/8	47-3/8	32-7/8	43	22.0	7/8	1/2	477	Call
KESA035M6HT3BB	3-1/2	208-230/3/60	19.9	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	5/8	487	Call
KESA035M6HT4BB	3-1/2	460/3/60	9.0	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	5/8	487	Call
KESA040M6HT3BB	4	208-230/3/60	29.4	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	5/8	542	Call
KESA040M6HT4BB	4	460/3/60	12.4	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	5/8	542	Call

AIR COOLED SEMI-HERMETIC CONDENSING UNIT

KESA LINE, MEDIUM TEMPERATURE, INDOOR, R404A, R507

- Models include sealed liquid line filter drier and sight glass

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs)	Price
				H	W	L		Suction	Liquid		
KESA005M6IS2BB	1/2	208-230/1/60	5.1	16-7/8	24-7/8	30-3/8	5.2	1/2	3/8	205	Call
KESA010M6IS2BB	1	208-230/1/60	9.8	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	260	Call
KESA010M6IT3BB	1	208-230/3/60	5.9	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	260	Call
KESA020M6IS2BB	2	208-230/1/60	14.4	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	305	Call
KESA020M6IT3BB	2	208-230/3/60	9.6	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	305	Call
KESA021M6IT3BB	2 +	208-230/3/60	12.1	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	370	Call
KESA021M6IT4BB	2 +	460/3/60	5.5	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	370	Call
KESA030M6IT3BB	3	208-230/3/60	17.6	30-3/8	47-3/8	32-7/8	22.0	7/8	1/2	432	Call
KESA030M6IT4BB	3	460/3/60	8.4	30-3/8	47-3/8	32-7/8	22.0	7/8	1/2	432	Call
KESA035M6IT3BB	3-1/2	208-230/3/60	19.9	30-3/8	47-3/8	32-7/8	22.0	1-1/8	5/8	442	Call
KESA035M6IT4BB	3-1/2	460/3/60	9.0	30-3/8	47-3/8	32-7/8	22.0	1-1/8	5/8	442	Call
KESA040M6IT3BB	4	208-230/3/60	29.4	30-3/8	47-3/8	32-7/8	22.0	1-1/8	5/8	497	Call
KESA040M6IT4BB	4	460/3/60	12.4	30-3/8	47-3/8	32-7/8	22.0	1-1/8	5/8	497	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

AIR COOLED SEMI-HERMETIC CONDENSING UNIT

KESA LINE, LOW TEMPERATURE, OUTDOOR, R404A, R507

- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non adjustable)
- Crankcase heater
- Models include liquid line filter drier, sight glass and defrost control

KeepRite

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)				Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				H	W	L	L/Hood		Suction	Liquid		
KESA005L6HS2BF	1/2	208-230/1/60	5.5	16-7/8	24-7/8	30-3/8	34-3/8	5.2	1/2	3/8	240	Call
KESA005L6HT3BF	1/2	208-230/3/60	3.3	16-7/8	24-7/8	30-3/8	34-3/8	5.2	1/2	3/8	240	Call
KESA008L6HS2BF	3/4	208-230/1/60	7.5	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	270	Call
KESA008L6HT3BF	3/4	208-230/3/60	4.5	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	270	Call
KESA010L6HS2BF	1	208-230/1/60	9.1	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	290	Call
KESA010L6HT3BF	1	208-230/3/60	6.3	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	290	Call
KESA015L6HS2BF	1-1/2	208-230/1/60	13.5	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	315	Call
KESA015L6HT3BF	1-1/2	208-230/3/60	9.4	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	315	Call
KESA015L6HT4BF	1-1/2	460/3/60	4.9	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	315	Call
KESA020L6HS3BF	2	230/1/60	13.6	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	385	Call
KESA020L6HT3BF	2	208-230/3/60	9.6	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	385	Call
KESA021L6HS2BF	2 +	208-230/1/60	19.5	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	390	Call
KESA021L6HT3BF	2 +	208-230/3/60	10.4	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	390	Call
KESA021L6HT4BF	2 +	460/3/60	5.5	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	390	Call
KESA030L6HS3BF	3	230/1/60	23.0	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	493	Call
KESA030L6HT3BF	3	208-230/3/60	18.1	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	493	Call
KESA030L6HT4BF	3	460/3/60	8.6	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	493	Call
KESA030L6HT5BF	3	575/3/60	6.0	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	493	Call
KESA031L6HS3BF	3 +	230/1/60	36.7	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	562	Call
KESA031L6HT3BF	3 +	208-230/3/60	22.5	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	562	Call
KESA031L6HT4BF	3 +	460/3/60	11.6	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	562	Call
KESA032L6HS3BF	3 +	230/1/60	21.5	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	491	Call
KESA032L6HT3BF	3 +	208-230/3/60	18.1	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	491	Call
KESA032L6HT4BF	3 +	460/3/60	8.6	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	491	Call
KESA035L6HT3BF	3-1/2	208-230/3/60	23.1	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	588	Call
KESA035L6HT4BF	3-1/2	460/3/60	11.2	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	588	Call
KESA035L6HT5BF	3-1/2	575/3/60	9.3	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	588	Call
KESA040L6HT3BF	4	208-230/3/60	35.0	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	618	Call
KESA040L6HT4BF	4	460/3/60	13.9	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	618	Call
KESA040L6HT5BF	4	575/3/60	10.5	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	618	Call
KESA060L6HT3BF	6	208-230/3/60	37.4	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	781	Call
KESA060L6HT4BF	6	460/3/60	17.7	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	781	Call
KESA060L6HT5BF	6	575/3/60	12.9	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	781	Call
KESA061L6HT3BF	6 +	208-230/3/60	40.0	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	819	Call
KESA061L6HT4BF	6 +	460/3/60	18.2	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	819	Call
KESA075L6HT3BF	7-1/2	208-230/3/60	41.5	41-7/8	55-5/8	35-7/8	50	31.0	1-3/8	5/8	827	Call
KESA075L6HT4BF	7-1/2	460/3/60	21.2	41-7/8	55-5/8	35-7/8	50	31.0	1-3/8	5/8	827	Call
KESA090L6HT3BF	9	208-230/3/60	50.5	41-7/8	68-5/8	35-7/8	50	54.0	1-3/8	5/8	885	Call
KESA090L6HT4BF	9	460/3/60	23.1	41-7/8	68-5/8	35-7/8	50	54.0	1-3/8	5/8	885	Call
KESA100L6HT3BF	10	208-230/3/60	56.7	41-7/8	68-5/8	35-7/8	50	54.0	1-3/8	5/8	885	Call
KESA100L6HT4BF	10	460/3/60	25.5	41-7/8	68-5/8	35-7/8	50	54.0	1-3/8	5/8	885	Call
KESA120L6HT3BF	12	208-230/3/60	64.2	45-1/2	75-7/8	45-3/4	59	76.0	1-5/8	7/8	1185	Call
KESA120L6HT4BF	12	460/3/60	31.9	45-1/2	75-7/8	45-3/4	59	76.0	1-5/8	7/8	1185	Call
KESA150L6HT3BF	15	208-230/3/60	73.0	45-1/2	75-7/8	45-3/4	59	76.0	1-5/8	7/8	1185	Call
KESA150L6HT4BF	15	460/3/60	36.3	45-1/2	75-7/8	45-3/4	59	76.0	1-5/8	7/8	1185	Call
KESA220L6HT3BF	22	208-230/3/60	87.6	45-1/2	75-7/8	45-3/4	59	76.0	2-1/8	7/8	1185	Call
KESA220L6HT4BF	22	460/3/60	43.5	45-1/2	75-7/8	45-3/4	59	76.0	2-1/8	7/8	1185	Call

REFRIGERATION EQUIPMENT

AIR COOLED SEMI-HERMETIC CONDENSING UNIT

KESA LINE, LOW TEMPERATURE, INDOOR, R404A, R507

- Models include liquid line filter drier, sight glass and defrost control kit

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				H	W	L		Suction	Liquid		
KESA005L6IS2BF	1/2	208-230/1/60	5.5	16-7/8	24-7/8	30-3/8	5.2	1/2	3/8	230	Call
KESA005L6IT3BF	1/2	208-230/3/60	3.3	16-7/8	24-7/8	30-3/8	5.2	1/2	3/8	230	Call
KESA008L6IS2BF	3/4	208-230/1/60	7.5	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	260	Call
KESA008L6IT3BF	3/4	208-230/3/60	4.5	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	260	Call
KESA010L6IS2BF	1	208-230/1/60	9.1	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	275	Call
KESA010L6IT3BF	1	208-230/3/60	6.3	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	275	Call
KESA015L6IS2BF	1-1/2	208-230/1/60	13.5	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	300	Call
KESA015L6IT3BF	1-1/2	208-230/3/60	9.4	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	300	Call
KESA015L6IT4BF	1-1/2	460/3/60	4.9	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	300	Call
KESA020L6IS3BF	2	230/1/60	13.6	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	370	Call
KESA020L6IT3BF	2	208-230/3/60	9.6	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	370	Call
KESA021L6IS2BF	2 +	208-230/1/60	19.5	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	375	Call
KESA021L6IT3BF	2 +	208-230/3/60	10.4	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	375	Call
KESA021L6IT4BF	2 +	460/3/60	5.5	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	375	Call
KESA030L6IS3BF	3	230/1/60	23.0	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	448	Call
KESA030L6IT3BF	3	208-230/3/60	18.1	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	448	Call
KESA030L6IT4BF	3	460/3/60	8.6	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	448	Call
KESA030L6IT5BF	3	575/3/60	6.0	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	448	Call
KESA031L6IS3BF	3 +	230/1/60	36.7	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	517	Call
KESA031L6IT3BF	3 +	208-230/3/60	22.5	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	517	Call
KESA031L6IT4BF	3 +	460/3/60	11.6	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	517	Call
KESA032L6IS3BF	3 +	230/1/60	21.5	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	446	Call
KESA032L6IT3BF	3 +	208-230/3/60	18.1	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	446	Call
KESA032L6IT4BF	3 +	460/3/60	8.6	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	446	Call
KESA035L6IT3BF	3-1/2	208-230/3/60	23.1	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	543	Call
KESA035L6IT4BF	3-1/2	460/3/60	11.2	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	543	Call
KESA035L6IT5BF	3-1/2	575/3/60	9.3	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	543	Call
KESA040L6IT3BF	4	208-230/3/60	35.0	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	573	Call
KESA040L6IT4BF	4	460/3/60	13.9	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	573	Call
KESA040L6IT5BF	4	575/3/60	10.5	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	573	Call
KESA060L6IT3BF	6	208-230/3/60	37.4	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	736	Call
KESA060L6IT4BF	6	460/3/60	17.7	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	736	Call
KESA060L6IT5BF	6	575/3/60	12.9	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	736	Call
KESA061L6IT3BF	6 +	208-230/3/60	40.0	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	774	Call
KESA061L6IT4BF	6 +	460/3/60	18.2	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	774	Call
KESA061L6IT5BF	6 +	575/3/60	14.0	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	774	Call
KESA075L6IT3BF	7-1/2	208-230/3/60	41.5	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	782	Call
KESA075L6IT4BF	7-1/2	460/3/60	21.2	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	782	Call
KESA075L6IT5BF	7-1/2	575/3/60	14.7	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	782	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

AIR COOLED SEMI-HERMETIC CONDENSING UNIT

KESA LINE, LOW TEMPERATURE, OUTDOOR, R404A, R507

- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non adjustable)
- Crankcase heater
- Models include liquid line filter drier, sight glass and defrost control

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	L/Hood	Receiver Cap. (Lbs.)	Connections (In.) Suction	Liquid	Ship Wgt. (Lbs.)	Price
KESA005L6HS2BF	1/2	208-230/1/60	5.5	16-7/8	24-7/8	30-3/8	34-3/8	5.2	1/2	3/8	240	Call
KESA005L6HT3BF	1/2	208-230/3/60	3.3	16-7/8	24-7/8	30-3/8	34-3/8	5.2	1/2	3/8	240	Call
KESA008L6HS2BF	3/4	208-230/1/60	7.5	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	270	Call
KESA008L6HT3BF	3/4	208-230/3/60	4.5	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	270	Call
KESA010L6HS2BF	1	208-230/1/60	9.1	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	290	Call
KESA010L6HT3BF	1	208-230/3/60	6.3	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	290	Call
KESA015L6HS2BF	1-1/2	208-230/1/60	13.5	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	315	Call
KESA015L6HT3BF	1-1/2	208-230/3/60	9.4	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	315	Call
KESA015L6HT4BF	1-1/2	460/3/60	4.9	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	315	Call
KESA020L6HS3BF	2	230/1/60	13.6	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	385	Call
KESA020L6HT3BF	2	208-230/3/60	9.6	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	385	Call
KESA021L6HS2BF	2 +	208-230/1/60	19.5	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	390	Call
KESA021L6HT3BF	2 +	208-230/3/60	10.4	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	390	Call
KESA021L6HT4BF	2 +	460/3/60	5.5	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	390	Call
KESA030L6HS3BF	3	230/1/60	23.0	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	493	Call
KESA030L6HT3BF	3	208-230/3/60	18.1	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	493	Call
KESA030L6HT4BF	3	460/3/60	8.6	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	493	Call
KESA030L6HT5BF	3	575/3/60	6.0	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	493	Call
KESA031L6HS3BF	3 +	230/1/60	36.7	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	562	Call
KESA031L6HT3BF	3 +	208-230/3/60	22.5	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	562	Call
KESA031L6HT4BF	3 +	460/3/60	11.6	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	562	Call
KESA032L6HS3BF	3 +	230/1/60	21.5	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	491	Call
KESA032L6HT3BF	3 +	208-230/3/60	18.1	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	491	Call
KESA032L6HT4BF	3 +	460/3/60	8.6	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	491	Call
KESA035L6HT3BF	3 1/2	208-230/3/60	23.1	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	588	Call
KESA035L6HT4BF	3 1/2	460/3/60	11.2	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	588	Call
KESA035L6HT5BF	3 1/2	575/3/60	9.3	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	588	Call
KESA040L6HT3BF	4	208-230/3/60	35.0	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	618	Call
KESA040L6HT4BF	4	460/3/60	13.9	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	618	Call
KESA040L6HT5BF	4	575/3/60	10.5	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	618	Call
KESA060L6HT3BF	6	208-230/3/60	37.4	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	781	Call
KESA060L6HT4BF	6	460/3/60	17.7	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	781	Call
KESA060L6HT5BF	6	575/3/60	12.9	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	781	Call
KESA061L6HT3BF	6 +	208-230/3/60	40.0	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	819	Call
KESA061L6HT4BF	6 +	460/3/60	18.2	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	819	Call
KESA075L6HT3BF	7 1/2	208-230/3/60	41.5	41-7/8	55-5/8	35-7/8	50	31.0	1-3/8	5/8	827	Call
KESA075L6HT4BF	7 1/2	460/3/60	21.2	41-7/8	55-5/8	35-7/8	50	31.0	1-3/8	5/8	827	Call
KESA090L6HT3BF	9	208-230/3/60	50.5	41-7/8	68-5/8	35-7/8	50	54.0	1-3/8	5/8	885	Call
KESA090L6HT4BF	9	460/3/60	23.1	41-7/8	68-5/8	35-7/8	50	54.0	1-3/8	5/8	885	Call
KESA100L6HT3BF	10	208-230/3/60	56.7	41-7/8	68-5/8	35-7/8	50	54.0	1-3/8	5/8	885	Call
KESA100L6HT4BF	10	460/3/60	25.5	41-7/8	68-5/8	35-7/8	50	54.0	1-3/8	5/8	885	Call
KESA120L6HT3BF	12	208-230/3/60	64.2	45-1/2	75-7/8	45-3/4	59	76.0	1-5/8	7/8	1185	Call
KESA120L6HT4BF	12	460/3/60	31.9	45-1/2	75-7/8	45-3/4	59	76.0	1-5/8	7/8	1185	Call
KESA150L6HT3BF	15	208-230/3/60	73.0	45-1/2	75-7/8	45-3/4	59	76.0	1-5/8	7/8	1185	Call
KESA150L6HT4BF	15	460/3/60	36.3	45-1/2	75-7/8	45-3/4	59	76.0	1-5/8	7/8	1185	Call
KESA220L6HT3BF	22	208-230/3/60	87.6	45-1/2	75-7/8	45-3/4	59	76.0	2-1/8	7/8	1185	Call
KESA220L6HT4BF	22	460/3/60	43.5	45-1/2	75-7/8	45-3/4	59	76.0	2-1/8	7/8	1185	Call

AIR COOLED SEMI-HERMETIC CONDENSING UNIT

KESA LINE, LOW TEMPERATURE, INDOOR, R404A, R507

- Models include liquid line filter drier, sight glass and defrost control kit

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				H	W	L		Suction	Liquid		
KESA005L6IS2BF	1/2	208-230/1/60	5.5	16-7/8	24-7/8	30-3/8	5.2	1/2	3/8	230	Call
KESA005L6IT3BF	1/2	208-230/3/60	3.3	16-7/8	24-7/8	30-3/8	5.2	1/2	3/8	230	Call
KESA008L6IS2BF	3/4	208-230/1/60	7.5	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	260	Call
KESA008L6IT3BF	3/4	208-230/3/60	4.5	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	260	Call
KESA010L6IS2BF	1	208-230/1/60	9.1	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	275	Call
KESA010L6IT3BF	1	208-230/3/60	6.3	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	275	Call
KESA015L6IS2BF	1-1/2	208-230/1/60	13.5	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	300	Call
KESA015L6IT3BF	1-1/2	208-230/3/60	9.4	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	300	Call
KESA015L6IT4BF	1-1/2	460/3/60	4.9	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	300	Call
KESA020L6IS3BF	2	230/1/60	13.6	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	370	Call
KESA020L6IT3BF	2	208-230/3/60	9.6	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	370	Call
KESA021L6IS2BF	2 +	208-230/1/60	19.5	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	375	Call
KESA021L6IT3BF	2 +	208-230/3/60	10.4	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	375	Call
KESA021L6IT4BF	2 +	460/3/60	5.5	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	375	Call
KESA030L6IS3BF	3	230/1/60	23.0	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	448	Call
KESA030L6IT3BF	3	208-230/3/60	18.1	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	448	Call
KESA030L6IT4BF	3	460/3/60	8.6	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	448	Call
KESA030L6IT5BF	3	575/3/60	6.0	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	448	Call
KESA031L6IS3BF	3 +	230/1/60	36.7	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	517	Call
KESA031L6IT3BF	3 +	208-230/3/60	22.5	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	517	Call
KESA031L6IT4BF	3 +	460/3/60	11.6	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	517	Call
KESA032L6IS3BF	3 +	230/1/60	21.5	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	446	Call
KESA032L6IT3BF	3 +	208-230/3/60	18.1	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	446	Call
KESA032L6IT4BF	3 +	460/3/60	8.6	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	446	Call
KESA035L6IT3BF	3-1/2	208-230/3/60	23.1	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	543	Call
KESA035L6IT4BF	3-1/2	460/3/60	11.2	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	543	Call
KESA035L6IT5BF	3-1/2	575/3/60	9.3	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	543	Call
KESA040L6IT3BF	4	208-230/3/60	35.0	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	573	Call
KESA040L6IT4BF	4	460/3/60	13.9	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	573	Call
KESA040L6IT5BF	4	575/3/60	10.5	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	573	Call
KESA060L6IT3BF	6	208-230/3/60	37.4	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	736	Call
KESA060L6IT4BF	6	460/3/60	17.7	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	736	Call
KESA060L6IT5BF	6	575/3/60	12.9	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	736	Call
KESA061L6IT3BF	6 +	208-230/3/60	40.0	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	774	Call
KESA061L6IT4BF	6 +	460/3/60	18.2	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	774	Call
KESA061L6IT5BF	6 +	575/3/60	14.0	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	774	Call
KESA075L6IT3BF	7-1/2	208-230/3/60	41.5	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	782	Call
KESA075L6IT4BF	7-1/2	460/3/60	21.2	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	782	Call
KESA075L6IT5BF	7-1/2	575/3/60	14.7	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	782	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

AIR COOLED SEMI-HERMETIC CONDENSING UNIT

KESA LINE, LOW TEMPERATURE, OUTDOOR, R404A, R507

- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non adjustable)
- Crankcase heater
- Models include liquid line filter drier, sight glass and defrost control

KeepRite

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)				Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				H	W	L	L/Hood		Suction	Liquid		
KESA005L6HS2BF	1/2	208-230/1/60	5.5	16-7/8	24-7/8	30-3/8	34-3/8	5.2	1/2	3/8	240	Call
KESA005L6HT3BF	1/2	208-230/3/60	3.3	16-7/8	24-7/8	30-3/8	34-3/8	5.2	1/2	3/8	240	Call
KESA008L6HS2BF	3/4	208-230/1/60	7.5	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	270	Call
KESA008L6HT3BF	3/4	208-230/3/60	4.5	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	270	Call
KESA010L6HS2BF	1	208-230/1/60	9.1	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	290	Call
KESA010L6HT3BF	1	208-230/3/60	6.3	16-7/8	24-7/8	30-3/8	34-3/8	5.2	5/8	3/8	290	Call
KESA015L6HS2BF	1-1/2	208-230/1/60	13.5	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	315	Call
KESA015L6HT3BF	1-1/2	208-230/3/60	9.4	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	315	Call
KESA015L6HT4BF	1-1/2	460/3/60	4.9	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	315	Call
KESA020L6HS3BF	2	230/1/60	13.6	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	385	Call
KESA020L6HT3BF	2	208-230/3/60	9.6	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	3/8	385	Call
KESA021L6HS2BF	2 +	208-230/1/60	19.5	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	390	Call
KESA021L6HT3BF	2 +	208-230/3/60	10.4	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	390	Call
KESA021L6HT4BF	2 +	460/3/60	5.5	19-7/8	36-3/8	30-3/8	34-3/8	14.0	7/8	1/2	390	Call
KESA030L6HS3BF	3	230/1/60	23.0	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	493	Call
KESA030L6HT3BF	3	208-230/3/60	18.1	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	493	Call
KESA030L6HT4BF	3	460/3/60	8.6	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	493	Call
KESA030L6HT5BF	3	575/3/60	6.0	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	493	Call
KESA031L6HS3BF	3 +	230/1/60	36.7	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	562	Call
KESA031L6HT3BF	3 +	208-230/3/60	22.5	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	562	Call
KESA031L6HT4BF	3 +	460/3/60	11.6	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	562	Call
KESA032L6HS3BF	3 +	230/1/60	21.5	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	491	Call
KESA032L6HT3BF	3 +	208-230/3/60	18.1	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	491	Call
KESA032L6HT4BF	3 +	460/3/60	8.6	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	491	Call
KESA035L6HT3BF	3-1/2	208-230/3/60	23.1	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	588	Call
KESA035L6HT4BF	3-1/2	460/3/60	11.2	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	588	Call
KESA035L6HT5BF	3-1/2	575/3/60	9.3	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	588	Call
KESA040L6HT3BF	4	208-230/3/60	35.0	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	618	Call
KESA040L6HT4BF	4	460/3/60	13.9	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	618	Call
KESA040L6HT5BF	4	575/3/60	10.5	30-3/8	47-3/8	32-7/8	43	22.0	1-1/8	1/2	618	Call
KESA060L6HT3BF	6	208-230/3/60	37.4	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	781	Call
KESA060L6HT4BF	6	460/3/60	17.7	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	781	Call
KESA060L6HT5BF	6	575/3/60	12.9	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	781	Call
KESA061L6HT3BF	6 +	208-230/3/60	40.0	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	819	Call
KESA061L6HT4BF	6 +	460/3/60	18.2	41-7/8	55-5/8	35-7/8	43	31.0	1-3/8	5/8	819	Call
KESA075L6HT3BF	7-1/2	208-230/3/60	41.5	41-7/8	55-5/8	35-7/8	50	31.0	1-3/8	5/8	827	Call
KESA075L6HT4BF	7-1/2	460/3/60	21.2	41-7/8	55-5/8	35-7/8	50	31.0	1-3/8	5/8	827	Call
KESA090L6HT3BF	9	208-230/3/60	50.5	41-7/8	68-5/8	35-7/8	50	54.0	1-3/8	5/8	885	Call
KESA090L6HT4BF	9	460/3/60	23.1	41-7/8	68-5/8	35-7/8	50	54.0	1-3/8	5/8	885	Call
KESA100L6HT3BF	10	208-230/3/60	56.7	41-7/8	68-5/8	35-7/8	50	54.0	1-3/8	5/8	885	Call
KESA100L6HT4BF	10	460/3/60	25.5	41-7/8	68-5/8	35-7/8	50	54.0	1-3/8	5/8	885	Call
KESA120L6HT3BF	12	208-230/3/60	64.2	45-1/2	75-7/8	45-3/4	59	76.0	1-5/8	7/8	1185	Call
KESA120L6HT4BF	12	460/3/60	31.9	45-1/2	75-7/8	45-3/4	59	76.0	1-5/8	7/8	1185	Call
KESA150L6HT3BF	15	208-230/3/60	73.0	45-1/2	75-7/8	45-3/4	59	76.0	1-5/8	7/8	1185	Call
KESA150L6HT4BF	15	460/3/60	36.3	45-1/2	75-7/8	45-3/4	59	76.0	1-5/8	7/8	1185	Call
KESA220L6HT3BF	22	208-230/3/60	87.6	45-1/2	75-7/8	45-3/4	59	76.0	2-1/8	7/8	1185	Call
KESA220L6HT4BF	22	460/3/60	43.5	45-1/2	75-7/8	45-3/4	59	76.0	2-1/8	7/8	1185	Call

AIR COOLED SEMI-HERMETIC CONDENSING UNIT

KESA LINE, LOW TEMPERATURE, INDOOR, R404A, R507

- Models include liquid line filter drier, sight glass and defrost control kit

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				H	W	L		Suction	Liquid		
KESA005L6IS2BF	1/2	208-230/1/60	5.5	16-7/8	24-7/8	30-3/8	5.2	1/2	3/8	230	Call
KESA005L6IT3BF	1/2	208-230/3/60	3.3	16-7/8	24-7/8	30-3/8	5.2	1/2	3/8	230	Call
KESA008L6IS2BF	3/4	208-230/1/60	7.5	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	260	Call
KESA008L6IT3BF	3/4	208-230/3/60	4.5	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	260	Call
KESA010L6IS2BF	1	208-230/1/60	9.1	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	275	Call
KESA010L6IT3BF	1	208-230/3/60	6.3	16-7/8	24-7/8	30-3/8	5.2	5/8	3/8	275	Call
KESA015L6IS2BF	1-1/2	208-230/1/60	13.5	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	300	Call
KESA015L6IT3BF	1-1/2	208-230/3/60	9.4	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	300	Call
KESA015L6IT4BF	1-1/2	460/3/60	4.9	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	300	Call
KESA020L6IS3BF	2	230/1/60	13.6	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	370	Call
KESA020L6IT3BF	2	208-230/3/60	9.6	19-7/8	36-3/8	30-3/8	14.0	7/8	3/8	370	Call
KESA021L6IS2BF	2 +	208-230/1/60	19.5	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	375	Call
KESA021L6IT3BF	2 +	208-230/3/60	10.4	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	375	Call
KESA021L6IT4BF	2 +	460/3/60	5.5	19-7/8	36-3/8	30-3/8	14.0	7/8	1/2	375	Call
KESA030L6IS3BF	3	230/1/60	23.0	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	448	Call
KESA030L6IT3BF	3	208-230/3/60	18.1	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	448	Call
KESA030L6IT4BF	3	460/3/60	8.6	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	448	Call
KESA030L6IT5BF	3	575/3/60	6.0	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	448	Call
KESA031L6IS3BF	3 +	230/1/60	36.7	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	517	Call
KESA031L6IT3BF	3 +	208-230/3/60	22.5	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	517	Call
KESA031L6IT4BF	3 +	460/3/60	11.6	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	517	Call
KESA032L6IS3BF	3 +	230/1/60	21.5	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	446	Call
KESA032L6IT3BF	3 +	208-230/3/60	18.1	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	446	Call
KESA032L6IT4BF	3 +	460/3/60	8.6	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	446	Call
KESA035L6IT3BF	3 1/2	208-230/3/60	23.1	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	543	Call
KESA035L6IT4BF	3 1/2	460/3/60	11.2	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	543	Call
KESA035L6IT5BF	3 1/2	575/3/60	9.3	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	543	Call
KESA040L6IT3BF	4	208-230/3/60	35.0	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	573	Call
KESA040L6IT4BF	4	460/3/60	13.9	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	573	Call
KESA040L6IT5BF	4	575/3/60	10.5	30-3/8	47-3/8	32-7/8	22.0	1-1/8	1/2	573	Call
KESA060L6IT3BF	6	208-230/3/60	37.4	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	736	Call
KESA060L6IT4BF	6	460/3/60	17.7	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	736	Call
KESA060L6IT5BF	6	575/3/60	12.9	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	736	Call
KESA061L6IT3BF	6 +	208-230/3/60	40.0	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	774	Call
KESA061L6IT4BF	6 +	460/3/60	18.2	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	774	Call
KESA061L6IT5BF	6 +	575/3/60	14.0	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	774	Call
KESA075L6IT3BF	7-1/2	208-230/3/60	41.5	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	782	Call
KESA075L6IT4BF	7-1/2	460/3/60	21.2	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	782	Call
KESA075L6IT5BF	7-1/2	575/3/60	14.7	41-7/8	55-5/8	35-7/8	31.0	1-3/8	5/8	782	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

AIR COOLED SEMI-HERMETIC LARGE CHASSIS CONDENSING UNIT

KV LINE, FACTORY INSTALLED OPTIONS

Oil Separator with Oil Return Solenoid

Part No.	Temprature	Price
KVS008	Low	Call
KVS015-030	Low	Call
KVS040	Low	Call
KVS015-020	Med	Call
KVS025-030	Med	Call
KVS035-040	Med	Call
KVS050	Med	Call
KVD016	Low	Call
KVD030-060	Low	Call
KVD080	Low	Call
KVD030-040	Med	Call
KVD050-060	Med	Call
KVD070-080	Med	Call
KVD100	Med	Call

Heated and Insulated Receiver

Part No.	Price
KVS008-022	Call
KVS025-030	Call
KVS035-040	Call
KVS050	Call
KVD016-044	Call
KVD050-060	Call
KVD070-080	Call
KVD100	Call

Liquid Line Solenoid (Shipped Loose)

Part No.	Price
KVS008	Call
KVS015-020	Call
KVS022-050	Call
KVD016	Call
KVD030-040	Call
KVD044-100	Call

Pumpdown Toggle Switch

Part No.	Price
KVS-all	Call
KVD-all	Call

Defrost Time Clock (8145)

Part No.	Price
KVS-all	Call
KVD-all	Call

AIR COOLED SEMI-HERMETIC LARGE CHASSIS CONDENSING UNIT

KV LINE, FACTORY INSTALLED OPTIONS

Electric Defrost Kit (Electronic Defrost Time Clock, Contactors and Fuse Blocks)

Part No.	Pressure	Price
KVS up to 40A Htr	1 Evaporator per compressor	Call
KVS up to 60A Htr	1 Evaporator per compressor	Call
KVS up to 80A Htr	1 Evaporator per compressor	Call
KVS up to 40A Htr	2 Evaporators per compressor	Call
KVS up to 60A Htr	2 Evaporators per compressor	Call
KVS up to 80A Htr	2 Evaporators per compressor	Call
KVD up to 40A Htr	1 Evaporator per compressor	Call
KVD up to 60A Htr	1 Evaporator per compressor	Call
KVD up to 80A Htr	1 Evaporator per compressor	Call
KVD up to 40A Htr	2 Evaporators per compressor	Call
KVD up to 60A Htr	2 Evaporators per compressor	Call
KVD up to 80A Htr	2 Evaporators per compressor	Call

Phase/Voltage Monitor (6 Lead)

Part No.	Price
KVS-all	Call
KVD-all	Call

Non-fused Disconnect

Part No.	Voltage	Price
KVS008-022	208-230/3/60	Call
KVS025-050	208-230/3/60	Call
KVD016-044		Call
KVD050-100		Call
KVS008-015	460/3/60 & 575/3/60	Call
KVS020-035	460/3/60 & 575/3/60	Call
KVS040	460/3/60 & 575/3/60	Call
KVS050	460/3/60 & 575/3/60	Call
KVD016		Call
KVD030-044		Call
KVD050-100		Call

Fused Disconnect

Part No.	Voltage	Price
KVS008-022	208-230/3/60	Call
KVS025-050	208-230/3/60	Call
KVD016-044		Call
KVD050-100		Call
KVS008-015	460/3/60 & 575/3/60	Call
KVS020-035	460/3/60 & 575/3/60	Call
KVS040	460/3/60 & 575/3/60	Call
KVS050	460/3/60 & 575/3/60	Call
KVD016		Call
KVD030-044		Call
KVD050-100		Call

REFRIGERATION EQUIPMENT

AIR COOLED SEMI-HERMETIC LARGE CHASSIS CONDENSING UNIT

KV LINE, FACTORY INSTALLED OPTIONS

Compressor Circuit Breaker

Part No.	Voltage	Price
KVS010-030	208-230/3/60	Call
KVS035-050	208-230/3/60	Call
KVD020-060	208-230/3/60	Call
KVD070-100	208-230/3/60	Call
KVS010-030	460/3/60 & 575/3/60	Call
KVS035-050	460/3/60 & 575/3/60	Call
KVD020-060	460/3/60 & 575/3/60	Call
KVD070-100	460/3/60 & 575/3/60	Call

AIR COOLED CONDENSING UNIT ACCESSORIES

OPTIONAL FIN MATERIAL/COATING-HORIZONTAL UNITS

Heresite Coating NOTE: CONSULT FACTORY FOR LEAD TIMES

Heresite price covers coating of coil and manifold only. Coil coating material is Heresite baked phenolic compound. Allow 2 to 3 weeks. Baked phenolic coating is offered as a service to the customer. While we beleive that the coating will offer protection as stated, National Refrigeration and Air Conditioning Canada Corp. cannot assume any responsibility for the quality or the ultimate protection afforded.

"Gold Coat" Fins

J. W. Aluminum "GOLD COAT" fin material is available as a low cost alternative to copper fins or Heresite coated fins offering comparable corrosion protection.

Call for copper fin unit pricing

Unit HP	"Gold Coat Fin" Price	Copper Fin Price	Heresite Coating Price
1 HP & Under	312.00	Call	476.00
2 HP	343.00	Call	591.00
3 HP	517.00	Call	965.00
4 HP	690.00	Call	1082.00
5 and 6 HP	701.00	Call	1189.00
7.5 HP	734.00	Call	1526.00
9 and 10 HP	824.00	Call	1895.00
15 HP	965.00	Call	2099.00
20/25/30 HP	1170.00	Call	2927.00

REFRIGERATION EQUIPMENT

WATER COOLED INDOOR CONDENSING UNIT

KR LINE



Standard Features Include:

- Sturdy electrical control box with compressor contactor and fused control circuit
- Spring mounted, accessible semi-hermetic compressor
- Compressor cooling fan (low temp. models and air cooled compressors only)
- Discharge vibration eliminator
- Receiver with fusible plug and liquid shut off valve
- Adjustable dual high/low pressure control
- Suction and discharge service valves

Optional Features (Factory Mounted):

- Suction accumulator with or without heat exchanger
- Sealed or replaceable core suction filter with vibration eliminator
- Oil separator c/w oil return solenoid valve
- Over-sized receiver
- Receiver inlet valve
- Discharge vibration eliminator
- Sealed liquid line filter drier and sight glass (to 5 HP)
- Liquid line solenoid valve w/230 volt coil (shipped loose)
- Ball valve (shipped loose)
- Two valve adjustable flooded head pressure control
- Replaceable core liquid line filter drier
- Flex hose on all controls
- Compressor circuit breaker
- Compressor time delay relay
- Pump down toggle switch
- Time clock—factory mounted and wired or shipped loose
- Defrost contactor with fuse block
- Fused disconnect
- Phase/voltage monitor

KR LINE, MEDIUM/HIGH TEMPERATURE, R134a

Standard Features

- Oil failure control on all applicable models (5 HP and up)
- Sealed liquid line filter drier and sight glass (5 HP and up)

Optional Features (Factory Mounted)

- Sentronic oil failure control on 5 HP units and up
- Compressor unloading on applicable models

KeepRite

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Connections (In.) Compressor Suction	Discharge	Connections (In.) Receiver Liquid In	Out	Receiver Cap. (Lbs.)	Ship Wgt. (Lbs.)	Price
KR200M1IS2	2	208-230/1/60	18.4	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	27	365	Call
KR200M1IT3	2	208-230/3/60	9.3	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	27	365	Call
KR200M1IT4	2	460/3/60	4.9	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	27	365	Call
KR200M1IT5	2	575/3/60	3.9	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	27	365	Call
KR300M1IS2	3	230/1/60	32.3	33-1/2	19-1/2	30-1/2	1-3/8	7/8	1/2	3/8	46	493	Call
KR300M1IT3	3	208-230/3/60	21.0	33-1/2	19-1/2	30-1/2	1-3/8	7/8	1/2	3/8	46	493	Call
KR300M1IT4	3	460/3/60	10.1	33-1/2	19-1/2	30-1/2	1-3/8	7/8	1/2	3/8	46	493	Call
KR600M1IT3	6	208-230/3/60	36.0	37	19-1/2	30-1/2	1-3/8	7/8	5/8	5/8	94	580	Call
KR600M1IT4	6	460/3/60	12.8	37	19-1/2	30-1/2	1-3/8	7/8	5/8	5/8	94	580	Call
KR600M1IT5	6	575/3/60	11.4	37	19-1/2	30-1/2	1-3/8	7/8	5/8	5/8	94	580	Call
KR610M1IT3	6 +	208-230/3/60	37.9	42-1/2	19-1/2	31-1/2	1-3/8	1-1/8	5/8	5/8	94	613	Call
KR610M1IT4	6 +	460/3/60	17.1	42-1/2	19-1/2	31-1/2	1-3/8	1-1/8	5/8	5/8	94	613	Call
KR610M1IT5	6 +	575/3/60	13.1	42-1/2	19-1/2	31-1/2	1-3/8	1-1/8	5/8	5/8	94	613	Call
KR750M1IT3	7-1/2	208-230/3/60	39.4	42-1/2	19-1/2	31-1/2	1-3/8	1-1/8	5/8	5/8	94	623	Call
KR750M1IT4	7-1/2	460/3/60	20.1	42-1/2	19-1/2	31-1/2	1-3/8	1-1/8	5/8	5/8	94	623	Call
KR750M1IT5	7-1/2	575/3/60	13.8	42-1/2	19-1/2	31-1/2	1-3/8	1-1/8	5/8	5/8	94	623	Call
KR900M1IT3	9	208-230/3/60	48.8	46	19-1/2	31-1/2	1-3/8	1-1/8	7/8	5/8	128	638	Call
KR900M1IT4	9	460/3/60	21.1	46	19-1/2	31-1/2	1-3/8	1-1/8	7/8	5/8	128	638	Call
KR900M1IT5	9	575/3/60	20.6	46	19-1/2	31-1/2	1-3/8	1-1/8	7/8	5/8	128	638	Call
KR1000M1IT3	10	208-230/3/60	52.5	46	19-1/2	31-1/2	1-3/8	1-1/8	7/8	7/8	128	653	Call
KR1000M1IT4	10	460/3/60	23.3	46	19-1/2	31-1/2	1-3/8	1-1/8	7/8	7/8	128	653	Call
KR1000M1IT5	10	575/3/60	21.0	46	19-1/2	31-1/2	1-3/8	1-1/8	7/8	7/8	128	653	Call
KR1500M1IT3	15	208-230/3/60	72.5	46	22-1/2	31	1-3/8	1-1/8	7/8	7/8	128	718	Call
KR1500M1IT4	15	460/3/60	36.3	46	22-1/2	31	1-3/8	1-1/8	7/8	7/8	128	718	Call
KR1500M1IT5	15	575/3/60	30.4	46	22-1/2	31	1-3/8	1-1/8	7/8	7/8	128	718	Call

REFRIGERATION EQUIPMENT

WATER COOLED INDOOR CONDENSING UNIT

KR LINE, MEDIUM/HIGH TEMPERATURE, R22

Standard Features
- Oil failure control on all applicable models (5 HP and up)
- Sealed liquid line filter drier and sight glass (5 HP and up)

Optional Features (Factory Mounted)
- Sentronic oil failure control on 5 HP units and up
- Compressor unloading on applicable models

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Connections (In.) Compressor Suction	Discharge	Connections (In.) Receiver Liquid In	Out	Receiver Cap. (Lbs.)	Ship Wgt. (Lbs.)	Price
KR075M2IS2	3/4	208-230/1/60	7.6	27-1/2	17-1/2	30-1/2	1/2	3/8	1/2	3/8	27	286	Call
KR075M2IT3	3/4	208-230/3/60	3.8	27-1/2	17-1/2	30-1/2	1/2	3/8	1/2	3/8	27	286	Call
KR100M2IS2	1	208-230/1/60	9.3	27-1/2	17-1/2	30-1/2	5/8	1/2	1/2	3/8	27	288	Call
KR100M2IT3	1	208-230/3/60	5.4	27-1/2	17-1/2	30-1/2	5/8	1/2	1/2	3/8	27	288	Call
KR100M2IT4	1	460/3/60	2.8	27-1/2	17-1/2	30-1/2	5/8	1/2	1/2	3/8	27	288	Call
KR150M2IS2	1-1/2	208-230/1/60	12.0	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	27	291	Call
KR150M2IT3	1-1/2	208-230/3/60	6.9	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	27	291	Call
KR150M2IT4	1-1/2	460/3/60	3.1	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	27	291	Call
KR200M2IS2	2	230/1/60	13.0	27-1/2	17-1/2	30-1/2	7/8	5/8	1/2	3/8	27	361	Call
KR200M2IT3	2	208-230/3/60	8.3	27-1/2	17-1/2	30-1/2	7/8	5/8	1/2	3/8	27	361	Call
KR200M2IT4	2	460/3/60	4.4	27-1/2	17-1/2	30-1/2	7/8	5/8	1/2	3/8	27	361	Call
KR200M2IT5	2	575/3/60	4.4	27-1/2	17-1/2	30-1/2	7/8	5/8	1/2	3/8	27	361	Call

KR LINE, MEDIUM/HIGH TEMPERATURE, R404, R507, R502, R407C

Standard Features
- Oil failure control on all applicable models (5 HP and up)
- Sealed liquid line filter drier and sight glass (5 HP and up)

Optional Features (Factory Mounted)
- Sentronic oil failure control on 5 HP units and up
- Compressor unloading on applicable models

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Connections (In.) Compressor Suction	Discharge	Connections (In.) Receiver Liquid In	Out	Receiver Cap. (Lbs.)	Ship Wgt. (Lbs.)	Price
KR050M6IS2	1/2	208-230/1/60	4.6	27-1/2	17-1/2	30-1/2	1/2	3/8	1/2	3/8	25	275	Call
KR100M6IS2	1	208-230/1/60	9.3	27-1/2	17-1/2	30-1/2	5/8	1/2	1/2	3/8	25	290	Call
KR100M6IT3	1	208-230/3/60	5.4	27-1/2	17-1/2	30-1/2	5/8	1/2	1/2	3/8	25	290	Call
KR200M6IS2	2	208-230/1/60	13.3	27-1/2	17-1/2	30-1/2	7/8	5/8	1/2	3/8	25	298	Call
KR200M6IT3	2	208-230/3/60	8.5	27-1/2	17-1/2	30-1/2	7/8	5/8	1/2	3/8	25	298	Call
KR210M6IT3	2+	208-230/3/60	11.0	27-1/2	17-1/2	30-1/2	7/8	5/8	1/2	3/8	25	371	Call
KR210M6IT4	2+	460/3/60	4.4	27-1/2	17-1/2	30-1/2	7/8	5/8	1/2	3/8	25	371	Call
KR210M6IT5	2+	575/3/60	3.9	27-1/2	17-1/2	30-1/2	7/8	5/8	1/2	3/8	25	371	Call

KR LINE, MEDIUM/HIGH TEMPERATURE, R22, R404A, R507, R407C

Standard Features
- Oil failure control on all applicable models (5 HP and up)
- Sealed liquid line filter drier and sight glass (5 HP and up)

Optional Features (Factory Mounted)
- Sentronic oil failure control on 5 HP units and up
- Compressor unloading on applicable models
- Receiver capacity for R22. For R404A multiply by .86

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Connections (In.) Compressor Suction	Discharge	Connections (In.) Receiver Liquid In	Out	Receiver Cap. (Lbs.)	Ship Wgt. (Lbs.)	Price
KR300M8IT3	3	208-230/3/60	15.5	33-1/2	17-1/2	30-1/2	1-1/8	5/8	1/2	3/8	45	386	Call
KR300M8IT4	3	460/3/60	7.3	33-1/2	17-1/2	30-1/2	1-1/8	5/8	1/2	3/8	45	386	Call
KR300M8IT5	3	575/3/60	6.5	33-1/2	17-1/2	30-1/2	1-1/8	5/8	1/2	3/8	45	386	Call
KR310M8IT3	3+	208-230/3/60	17.8	33-1/2	17-1/2	30-1/2	1-1/8	5/8	1/2	3/8	45	406	Call
KR500M8IT3	5	208-230/3/60	27.9	35-1/2	19-1/2	30-1/2	1-3/8	7/8	5/8	5/8	58	516	Call
KR500M8IT4	5	460/3/60	13.0	35-1/2	19-1/2	30-1/2	1-3/8	7/8	5/8	5/8	58	516	Call
KR500M8IT5	5	575/3/60	9.6	35-1/2	19-1/2	30-1/2	1-3/8	7/8	5/8	5/8	58	516	Call

REFRIGERATION EQUIPMENT

WATER COOLED INDOOR CONDENSING UNIT

KR LINE, MEDIUM/HIGH TEMPERATURE, R22, R404A, R507, R407C CONTINUED

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Connections (In.) Compressor Suction	Discharge	Connections (In.) Receiver Liquid In	Out	Receiver Cap. (Lbs.)	Ship Wgt. (Lbs.)	Price
KR510M8IT3	5+	208-230/3/60	27.9	35-1/2	19-1/2	30-1/2	1-3/8	7/8	5/8	5/8	58	516	Call
KR510M8IT4	5+	460/3/60	13.1	35-1/2	19-1/2	30-1/2	1-3/8	7/8	5/8	5/8	58	516	Call
KR510M8IT5	5+	575/3/60	9.9	35-1/2	19-1/2	30-1/2	1-3/8	7/8	5/8	5/8	58	516	Call
KR750M8IT3	7-1/2	208-230/3/60	39.5	42-1/2	19-1/2	32-1/2	1-3/8	7/8	5/8	5/8	94	599	Call
KR750M8IT4	7-1/2	460/3/60	17.3	42-1/2	19-1/2	32-1/2	1-3/8	7/8	5/8	5/8	94	599	Call
KR750M8IT5	7-1/2	575/3/60	16.5	42-1/2	19-1/2	32-1/2	1-3/8	7/8	5/8	5/8	94	599	Call
KR760M8IT3	7-1/2+	208-230/3/60	51.3	42-1/2	19-1/2	31-1/2	1-3/8	1-1/8	5/8	5/8	94	632	Call
KR760M8IT4	7-1/2+	460/3/60	25.0	42-1/2	19-1/2	31-1/2	1-3/8	1-1/8	5/8	5/8	94	632	Call
KR760M8IT5	7-1/2+	575/3/60	20.6	42-1/2	19-1/2	31-1/2	1-3/8	1-1/8	5/8	5/8	128	632	Call
KR1000M8IT3	10	208-230/3/60	54.5	46	19-1/2	31-1/2	1-3/8	1-1/8	7/8	7/8	128	672	Call
KR1000M8IT4	10	460/3/60	25.0	46	19-1/2	31-1/2	1-3/8	1-1/8	7/8	7/8	128	672	Call
KR1000M8IT5	10	575/3/60	20.6	46	19-1/2	31-1/2	1-3/8	1-1/8	7/8	7/8	171	672	Call
KR1500M8IT3	15	208-230/3/60	74.5	46	19-1/2	31-1/2	1-5/8	1-1/8	7/8	7/8	171	680	Call
KR1500M8IT4	15	460/3/60	36.3	46	19-1/2	31-1/2	1-5/8	1-1/8	7/8	7/8	171	680	Call
KR1500M8IT5	15	575/3/60	29.5	46	19-1/2	31-1/2	1-5/8	1-1/8	7/8	7/8	171	680	Call
KR2000M8IT3	20	208-230/3/60	82.5	44	22-1/5	33-1/2	1-5/8	1-3/8	1-1/8	1-1/8	171	791	Call
KR2000M8IT4	20	460/3/60	41.3	44	22-1/5	33-1/2	1-5/8	1-3/8	1-1/8	1-1/8	171	791	Call
KR2000M8IT5	20	575/3/60	30.9	44	22-1/5	33-1/2	1-5/8	1-3/8	1-1/8	1-1/8	171	791	Call
KR2500M8IT3	25	208-230/3/60	102.8	44	22-1/5	33-1/2	2-1/8	1-3/8	1-1/8	1-1/8	171	811	Call
KR2500M8IT4	25	460/3/60	51.4	44	22-1/5	33-1/2	2-1/8	1-3/8	1-1/8	1-1/8	171	811	Call
KR2500M8IT5	25	575/3/60	43.0	44	22-1/5	33-1/2	2-1/8	1-3/8	1-1/8	1-1/8	215	811	Call
KR3000M8IT3	30	208-230/3/60	117.5	54	22-1/5	33-1/2	2-1/8	1-3/8	1-1/8	1-1/8	215	835	Call
KR3000M8IT4	30	460/3/60	58.8	54	22-1/5	33-1/2	2-1/8	1-3/8	1-1/8	1-1/8	215	835	Call
KR3000M8IT5	30	575/3/60	49.1	54	22-1/5	33-1/2	2-1/8	1-3/8	1-1/8	1-1/8	215	835	Call
KR3500M8IT3	35	208-230/3/60	133.8	54	24-1/2	34	2-1/8	1-5/8	1-1/8	1-1/8	215	905	Call
KR3500M8IT4	35	460/3/60	66.9	54	24-1/2	34	2-1/8	1-5/8	1-1/8	1-1/8	215	905	Call
KR3500M8IT5	35	575/3/60	53.1	54	24-1/2	34	2-1/8	1-5/8	1-1/8	1-1/8	215	905	Call
KR4000M8IT3	40	208-230/3/60	177.5	54	24-1/2	36-1/2	2-1/8	1-5/8	1-1/8	1-1/8	215	957	Call
KR4000M8IT4	40	460/3/60	88.8	54	24-1/2	36-1/2	2-1/8	1-5/8	1-1/8	1-1/8	215	957	Call
KR4000M8IT5	40	575/3/60	66.9	54	24-1/2	36-1/2	2-1/8	1-5/8	1-1/8	1-1/8	215	957	Call

KR LINE, LOW TEMPERATURE, R404A, R507

Standard Features

- Oil failure control on all applicable models (5 HP and up)
- Sealed liquid line filter drier and sight glass (5 HP and up)

Optional Features (Factory Mounted)

- Sentronic oil failure control on 5 HP units and up
- Compressor unloading on applicable models
- Receiver capacity for R22. For R404A multiply by .86

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Connections (In.) Compressor Suction	Discharge	Connections (In.) Receiver Liquid In	Out	Receiver Cap. (Lbs.)	Ship Wgt. (Lbs.)	Price
KR050L6IS2	1/2	208-230/1/60	5.4	27-1/2	17-1/2	30-1/2	1/2	3/8	1/2	3/8	23	286	Call
KR075L6IS2	3/4	208-230/1/60	7.9	27-1/2	17-1/2	30-1/2	5/8	3/8	1/2	3/8	23	285	Call
KR075L6IT3	3/4	208-230/3/60	4.9	27-1/2	17-1/2	30-1/2	5/8	3/8	1/2	3/8	23	285	Call
KR100L6IS2	1	208-230/1/60	9.5	27-1/2	17-1/2	30-1/2	5/8	1/2	1/2	3/8	23	293	Call
KR100L6IT3	1	208-230/3/60	6.6	27-1/2	17-1/2	30-1/2	5/8	1/2	1/2	3/8	23	293	Call
KR100L6IT4	1	460/3/60	3.5	27-1/2	17-1/2	30-1/2	5/8	1/2	1/2	3/8	23	293	Call
KR150L6IS2	1-1/2	208-230/1/60	13.2	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	23	295	Call
KR150L6IT3	1-1/2	208-230/3/60	9.1	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	23	295	Call
KR150L6IT4	1-1/2	460/3/60	5.1	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	23	295	Call
KR200L6IS2	2	230/1/60	13.4	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	23	367	Call
KR200L6IT3	2	208-230/3/60	9.4	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	23	367	Call

REFRIGERATION EQUIPMENT

WATER COOLED INDOOR CONDENSING UNIT

KR LINE, LOW TEMPERATURE, R404A, R507 (Cont'd.)

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Connections (In.) Compressor Suction	Discharge	Connections (In.) Receiver Liquid In	Out	Receiver Cap. (Lbs.)	Ship Wgt. (Lbs.)	Price
KR200L6IT4	2	460/3/60	5.8	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	23	367	Call
KR200L6IT5	2	575/3/60	4.8	27-1/2	17-1/2	30-1/2	7/8	1/2	1/2	3/8	23	367	Call
KR300L6IS2	3	230/1/60	21.7	33-1/2	17-1/2	39-1/2	1-1/8	5/8	1/2	3/8	40	449	Call
KR300L6IT3	3	208-230/3/60	16.9	33-1/2	17-1/2	39-1/2	1-1/8	5/8	1/2	3/8	40	449	Call
KR300L6IT4	3	460/3/60	8.4	33-1/2	17-1/2	39-1/2	1-1/8	5/8	1/2	3/8	40	449	Call
KR300L6IT5	3	575/3/60	6.0	33-1/2	17-1/2	39-1/2	1-1/8	5/8	1/2	3/8	40	449	Call
KR350L6IS2	3 1/2	230/1/60	33.1	35-1/2	19-1/2	39-1/2	1-3/8	7/8	1/2	1/2	40	533	Call
KR350L6IT3	3 1/2	208-230/3/60	21.9	35-1/2	19-1/2	39-1/2	1-3/8	7/8	1/2	1/2	40	533	Call
KR350L6IT4	3 1/2	460/3/60	11.0	35-1/2	19-1/2	39-1/2	1-3/8	7/8	1/2	1/2	40	533	Call
KR350L6IT5	3 1/2	575/3/60	9.2	35-1/2	19-1/2	39-1/2	1-3/8	7/8	1/2	1/2	40	533	Call
KR400L6IT3	4	208-230/3/60	33.7	35-1/2	19-1/2	39-1/2	1-3/8	7/8	1/2	1/2	50	538	Call
KR400L6IT4	4	460/3/60	13.6	35-1/2	19-1/2	39-1/2	1-3/8	7/8	1/2	1/2	50	538	Call
KR400L6IT5	4	575/3/60	10.5	35-1/2	19-1/2	39-1/2	1-3/8	7/8	1/2	1/2	50	538	Call
KR600L6IT3	6	208-230/3/60	36.9	37	19-1/2	39-1/2	1-3/8	7/8	5/8	5/8	81	616	Call
KR600L6IT4	6	460/3/60	13.6	37	19-1/2	39-1/2	1-3/8	7/8	5/8	5/8	81	616	Call
KR600L6IT5	6	575/3/60	12.2	37	19-1/2	39-1/2	1-3/8	7/8	5/8	5/8	81	616	Call
KR610L6IT3	6+	208-230/3/60	38.7	42-1/2	19-1/2	39-1/2	1-3/8	1-1/8	5/8	5/8	81	648	Call
KR610L6IT4	6+	460/3/60	18.0	42-1/2	19-1/2	39-1/2	1-3/8	1-1/8	5/8	5/8	81	648	Call
KR610L6IT5	6+	575/3/60	14.0	42-1/2	19-1/2	39-1/2	1-3/8	1-1/8	5/8	5/8	81	648	Call
KR750L6IT3	7-1/2	208-230/3/60	40.2	42-1/2	19-1/2	39-1/2	1-3/8	1-1/8	5/8	5/8	81	658	Call
KR750L6IT4	7-1/2	460/3/60	21.0	42-1/2	19-1/2	39-1/2	1-3/8	1-1/8	5/8	5/8	81	658	Call
KR750L6IT5	7-1/2	575/3/60	14.6	42-1/2	19-1/2	39-1/2	1-3/8	1-1/8	5/8	5/8	81	658	Call
KR900L6IT3	9	208-230/3/60	49.6	46	19-1/2	39-1/2	1-3/8	1-1/8	7/8	7/8	112	673	Call
KR900L6IT4	9	460/3/60	22.0	46	19-1/2	39-1/2	1-3/8	1-1/8	7/8	7/8	112	673	Call
KR900L6IT5	9	575/3/60	21.5	46	19-1/2	39-1/2	1-3/8	1-1/8	7/8	7/8	112	673	Call
KR1000L6IT3	10	208-230/3/60	53.4	46	19-1/2	39-1/2	1-3/8	1-1/8	7/8	7/8	112	693	Call
KR10O0L6IT4	10	460/3/60	24.1	46	19-1/2	39-1/2	1-3/8	1-1/8	7/8	7/8	112	693	Call
KR1000L6IT5	10	575/3/60	21.9	46	19-1/2	39-1/2	1-3/8	1-1/8	7/8	7/8	112	693	Call
KR1500L6IT3	15	208-230/3/60	66.6	46	22-1/2	36-1/2	1-5/8	1-3/8	7/8	7/8	112	760	Call
KR1500L6IT4	15	460/3/60	33.7	46	22-1/2	36-1/2	1-5/8	1-3/8	7/8	7/8	112	760	Call
KR1500L6IT5	15	575/3/60	27.0	46	22-1/2	36-1/2	1-5/8	1-3/8	7/8	7/8	112	760	Call
KR2000L6IT3	20	208-230/3/60	83.4	44	22-1/2	39	2-1/8	1-3/8	1-1/8	1-1/8	149	818	Call
KR2000L6IT4	20	460/3/60	42.1	44	22-1/2	39	2-1/8	1-3/8	1-1/8	1-1/8	149	818	Call
KR2000L6IT5	20	575/3/60	31.1	44	22-1/2	39	2-1/8	1-3/8	1-1/8	1-1/8	149	818	Call
KR2500L6IT3	25	208-230/3/60	101.9	44	24-1/2	42	2-1/8	1-3/8	1-1/8	1-1/8	149	881	Call
KR2500L6IT4	25	460/3/60	51.4	44	24-1/2	42	2-1/8	1-3/8	1-1/8	1-1/8	149	881	Call
KR2500L6IT5	25	575/3/60	41.5	44	24-1/2	42	2-1/8	1-3/8	1-1/8	1-1/8	149	881	Call
KR3000L6IT3	30	208-230/3/60	120.4	44	24-1/2	44-1/2	2-1/8	1-3/8	1-1/8	1-1/8	187	930	Call
KR3000L6IT4	30	460/3/60	60.6	44	24-1/2	44-1/2	2-1/8	1-3/8	1-1/8	1-1/8	187	930	Call
KR3000L6IT5	30	575/3/60	50.4	44	24-1/2	44-1/2	2-1/8	1-3/8	1-1/8	1-1/8	187	930	Call

REFRIGERATION EQUIPMENT

WATER COOLED INDOOR CONDENSING UNIT

FACTORY INSTALLED OPTIONS

Option	HP (Size)	Price
Sealed liquid line filter drier and sight glass	0.5 - 4.0	293.00
	5.0 - 10.0	Standard
	15.0	Standard
	20.0 - 40.0	Standard
Replaceable core liquid line filter drier	15.0 - Under	479.00
	20.0 - 40.0	911.00
Suction accumulator without heat exchanger	0.5 - 2.1	203.00
	3.0 - 4.0	345.00
	5.0 - 10.0	808.00
	15.0 - 40.0	948.00
Suction accumulator with heat exchanger	0.5 - 2.1	284.00
	3.0 - 4.0	483.00
	5.0 - 10.0	1132.00
	15.0 - 40.0	1328.00
Sealed suction filter with vibration eliminator	0.5 - 2.1	196.00
	3.0 - 4.0	450.00
	5.0 - 15	694.00
	20.0 - 40.0	743.00
Replaceable core suction filter with vibration eliminator	15.0 - Under	720.00
	20.0 - 40.0	1062.00
Oil separator c/w oil return solenoid valve	0.5 - 5.0	736.00
	5.0 - 15.0	919.00
	20.0 - 40.0	1542.00
Over-sized receiver	All models	
Liquid line solenoid valve with 230 volt coil (Shipped loose)	0.5 - 4.0	279.00
	5.0 - 9.0	312.00
	10.0 - 15.0	532.00
	20.0 - 40.0	563.00
Ball valve (Shipped loose)	10.0 - Under	172.00
	15.0	230.00
	20.0 40.0	283.00
Two valve adjustable flooded head pressure control	10.0 - Under	356.00
	15.0	542.00
	20.0 - 40.0	728.00
Compressor circuit breaker	5.0 - Under	710.00
	Over - 5.0	1330.00
Compressor time delay relay	All models	231.00
Pump down toggle switch	All models	128.00
Crankcase heater	All models	177.00
8145 Time clock — Factory mounted and wired	All models	312.00
Contactor 30 or 40 A	All models	198.00
Contactor 60 A	All models	272.00
Electric Defrost Kit (Electronic Defrost Time Clock, Contactors and Fuse Blocks)		
1 Evaporator per compressor	40 Amp	502.00
—Heater amps shown are maximums	60 Amp	624.00
—30 Amps maximum on fans	80 Amp	1019.0
2 Evaporator per compressor	40 Amp	508.00
—Heater amps shown are maximums	60 Amp	1029.00
—30 Amps maximum on fans	80 Amp	1482.00
Sentronic oil failure control	0.5 - 40.0	405.00
Non Fused disconnect	5.1 - Under	487.00
	6.0 - 10.0	618.00
	15.0 - 20.0	1004.00
	25.0 - 40.0	1344.00
Disconnect Fusing	5.1 - Under	286.00
	6.0 - 10.0	487.00
	15.0 - 30.0	803.00
Phase/voltage monitor	0.5 - 40.0	643.00

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

WATER COOLED INDOOR CONDENSING UNIT

KW LINE



The KW water-cooled condensing unit can be applied where air cooled units are not desirable or space is unavailable. This unit can operate with tower or city water and its size will allow operation in a minimum space; Shell and tube condensers are standard. Available in sizes from 3/4 Hp to 40 Hp, the unit is complete with high efficiency accessible hermetic compressors.

Standard Features Include:

- Sturdy electrical control box with compressor contactor and fused control circuit
- Spring mounted, accessible semi-hermetic compressor
- Sealed liquid line filter drier and sight glass (5.0 HP and up)
- Discharge vibration eliminator
- Copper tubing secured with Hydra-Zorb/Cush-A-Clamp
- Shell and tube water cooled condenser with fusible plug or pressure relief valve and liquid shut off valve
- Adjustable dual high/low pressure control
- Oil failure control on all applicable models
- Demand Cooling™ on R22 low temp. models
- Suction and discharge service valve

Optional Features (Factory Mounted):

- Suction accumulator with or without heat exchanger
- Sealed or replaceable core suction filter with vibration eliminator
- Oil separator c/w oil return solenoid valve
- Sealed liquid line filter drier and sight glass (to 5 HP)
- Replaceable core liquid line filter drier
- Liquid line solenoid valve w/230 volt coil (shipped loose)
- Ball valve (shipped loose)
- Sentronic™ oil failure control
- Flex hose on all controls
- Compressor circuit breaker
- Compressor time delay relay
- Pump down toggle switch
- Time clock
- Defrost contactor with fuse block
- Evaporator fan contactor with fuse block
- Fused disconnect
- Phase/voltage monitor
- Water valve (shipped loose)
- Marine duty (cupro-nickel) condenser

KW LINE, MEDIUM/HIGH TEMPERATURE, R134a

KeepRite

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connection (In.) Suction	Discharge	Water (FPT)	Ship Wgt. (Lbs.)	Price
KW200M1IS2	2	208-230/1/60	19.2	26-1/4	15-1/2	37-1/2	35	7/8	3/8	3/4	394	Call
KW300M1IS2	3 +	230/1/60	32.3	28-7/8	17	38	61	1-1/8	1/2	1-1/4	555	Call
KW300M1IT3	3 +	208-230/3/60	21.0	28-7/8	17	38	61	1-1/8	1/2	1-1/4	555	Call
KW300M1IT4	3 +	460/3/60	10.1	28-7/8	17	38	61	1-1/8	1/2	1-1/4	555	Call
KW300M1IT5	3 +	575/3/60	8.4	28-7/8	17	38	61	1-1/8	1/2	1-1/4	555	Call
KW600M1IT3	6	208-230/3/60	36.0	28-7/8	17	42-1/2	70	1-1/8	1/2	1-1/4	622	Call
KW600M1IT4	6	460/3/60	12.8	28-7/8	17	42-1/2	70	1-1/8	1/2	1-1/4	622	Call
KW600M1IT5	6	575/3/60	11.4	28-7/8	17	42-1/2	70	1-1/8	1/2	1-1/4	622	Call
KW750M1IT4	7-1/2	460/3/60	20.1	32	17	45-1/4	129	1-3/8	5/8	1-1/4	707	Call
KW750M1IT5	7-1/2	575/3/60	13.8	32	17	45-1/4	129	1-3/8	5/8	1-1/4	707	Call
KW900M1IT3	9	208-230/3/60	48.8	32	17	45-1/4	129	1-3/8	5/8	1-1/4	723	Call
KW900M1IT4	9	460/3/60	21.1	32	17	45-1/4	129	1-3/8	5/8	1-1/4	723	Call
KW900M1IT5	9	575/3/60	20.6	32	17	45-1/4	129	1-3/8	5/8	1-1/4	723	Call
KW1000M1IT4	10	460/3/60	23.3	32	27-1/2	51-1/2	145	1-3/8	7/8	1-1/4	846	Call
KW1000M1IT5	10	575/3/60	21.0	32	27-1/2	51-1/2	145	1-3/8	7/8	1-1/4	846	Call
KW1500M1IT4	15	460/3/60	36.3	33-3/4	27-5/8	51-5/8	205	1-5/8	1-1/8	1-1/2	981	Call
KW1500M1IT5	15	575/3/60	30.4	33-3/4	27-5/8	51-5/8	205	1-5/8	1-1/8	1-1/2	981	Call

(Call) Please contact your local Aireco branch for pricing.

WATER COOLED INDOOR CONDENSING UNIT

KW LINE, MEDIUM/HIGH TEMPERATURE, R22

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connection (In.) Suction	Discharge	Water (FPT)	Ship Wgt. (Lbs.)	Price
KW075M2IS2	3/4	208-230/1/60	8.3	25-5/8	15-1/2	35-1/4	26	5/8	3/8	3/4	289	Call
KW075M2IT3	3/4	208-230/3/60	5.1	25-5/8	15-1/2	35-1/4	26	5/8	3/8	3/4	289	Call
KW100M2IS2	1	208-230/1/60	10.0	25-5/8	15-1/2	35-1/4	26	5/8	3/8	3/4	291	Call
KW100M2IT3	1	208-230/3/60	6.1	25-5/8	15-1/2	35-1/4	26	5/8	3/8	3/4	291	Call
KW100M2IT4	1	460/3/60	3.1	25-5/8	15-1/2	35-1/4	26	5/8	3/8	3/4	291	Call
KW150M2IS2	1-1/2	208-230/1/60	12.7	26-1/4	15-1/2	36-1/2	35	7/8	3/8	3/4	320	Call
KW150M2IT3	1-1/2	208-230/3/60	7.6	26-1/4	15-1/2	36-1/2	35	7/8	3/8	3/4	320	Call
KW150M2IT4	1-1/2	460/3/60	3.5	26-1/4	15-1/2	36-1/2	35	7/8	3/8	3/4	320	Call
KW200M2IS2	2	230/1/60	13.0	26-1/4	15-1/2	36-3/4	35	7/8	3/8	3/4	390	Call
KW200M2IT3	2	208-230/3/60	8.3	26-1/4	15-1/2	36-3/4	35	7/8	3/8	3/4	390	Call
KW200M2IT4	2	460/3/60	4.5	26-1/4	15-1/2	36-3/4	35	7/8	3/8	3/4	390	Call
KW200M2IT5	2	575/3/60	4.5	26-1/4	15-1/2	36-3/4	35	7/8	3/8	3/4	390	Call

KW LINE, MEDIUM/HIGH TEMPERATURE, R404A, R507, R502, R407C

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connection (In.) Suction	Discharge	Water (FPT)	Ship Wgt. (Lbs.)	Price
KW050M6IS2	1/2	208-230/1/60	5.5	25-5/8	15-1/2	35-1/4	22	1/2	3/8	3/4	278	Call
KW100M6IS2	1	208-230/1/60	10.1	25-5/8	15-1/2	35-1/4	22	5/8	3/8	3/4	293	Call
KW100M6IT3	1	208-230/3/60	6.2	25-5/8	15-1/2	35-1/4	22	5/8	3/8	3/4	293	Call
KW200M6IS2	2	208-230/1/60	14.1	26-1/4	15-1/2	37-1/2	30	7/8	3/8	3/4	327	Call
KW200M6IT3	2	208-230/3/60	9.4	26-1/4	15-1/2	37-1/2	30	7/8	3/8	3/4	327	Call
KW210M6IT3	2+	208-230/3/60	11.9	26-1/4	15-1/2	37-1/2	30	7/8	3/8	3/4	400	Call
KW210M6IT4	2+	460/3/60	2.9	26-1/4	15-1/2	37-1/2	30	7/8	3/8	3/4	400	Call

KW LINE, MEDIUM/HIGH TEMPERATURE, R22, R404A, R507, R407C

- Receiver capacity for R22

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connection (In.) Suction	Discharge	Water (FPT)	Ship Wgt. (Lbs.)	Price
KW300M8IT3	3	208-230/3/60	16.4	28-3/4	17	36-1/2	51	1-1/8	1/2	1-1/4	448	Call
KW300M8IT4	3	460/3/60	8.0	28-3/4	17	36-1/2	51	1-1/8	1/2	1-1/4	448	Call
KW310M8IT3	3+	208-230/3/60	16.4	28-3/4	17	36-1/2	51	1-1/8	1/2	1-1/4	468	Call
KW500M8IT3	5	208-230/3/60	27.9	28-7/8	17	42-1/2	59	1-1/8	1/2	1-1/4	623	Call
KW500M8IT4	5	460/3/60	13.0	28-7/8	17	42-1/2	59	1-1/8	1/2	1-1/4	623	Call
KW500M8IT5	5	575/3/60	9.6	28-7/8	17	42-1/2	59	1-1/8	1/2	1-1/4	623	Call
KW510M8IT3	5+	208-230/3/60	27.9	28-7/8	17	42-1/2	59	1-1/8	1/2	1-1/4	623	Call
KW510M8IT4	5+	460/3/60	13.1	28-7/8	17	42-1/2	59	1-1/8	1/2	1-1/4	623	Call
KW510M8IT5	5+	575/3/60	9.9	28-7/8	17	42-1/2	59	1-1/8	1/2	1-1/4	623	Call
KW750M8IT4	7-1/2	460/3/60	17.3	33	17	45-1/4	109	1-3/8	5/8	1-1/4	659	Call
KW750M8IT5	7-1/2	575/3/60	16.5	33	17	45-1/4	109	1-3/8	5/8	1-1/4	659	Call
KW760M8IT3	7-1/2+	208-230/3/60	51.3	32	17	45-1/4	109	1-3/8	5/8	1-1/4	692	Call
KW760M8IT4	7-1/2+	460/3/60	25.0	32	17	45-1/4	109	1-3/8	5/8	1-1/4	692	Call
KW760M8IT5	7-1/2+	575/3/60	20.6	32	17	45-1/4	109	1-3/8	5/8	1-1/4	692	Call
KW1000M8IT3	10	208-230/3/60	54.5	32	27-1/2	51-1/2	123	1-3/8	7/8	1-1/4	860	Call
KW1000M8IT4	10	460/3/60	25.0	32	27-1/2	51-1/2	123	1-3/8	7/8	1-1/4	860	Call
KW1000M8IT5	10	575/3/60	20.6	32	27-1/2	51-1/2	123	1-3/8	7/8	1-1/4	860	Call

REFRIGERATION EQUIPMENT

WATER COOLED INDOOR CONDENSING UNIT

KW LINE, MEDIUM/HIGH TEMPERATURE, R22, R404A, R507, R407C CONTINUED

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connection (In.) Suction	Discharge	Water (FPT)	Ship Wgt. (Lbs.)	Price
KW1500M8IT3	15	208-230/3/60	74.5	34	27-1/2	51-5/8	173	1-5/8	1-1/8	1-1/2	943	Call
KW1500M8IT4	15	460/3/60	36.3	34	27-1/2	51-5/8	173	1-5/8	1-1/8	1-1/2	943	Call
KW1500M8IT5	15	575/3/60	29.5	34	27-1/2	51-5/8	173	1-5/8	1-1/8	1-1/2	943	Call
KW2000M8IT3	20	208-230/3/60	82.5	33-1/2	27-1/2	51-5/8	173	1-5/8	1-1/8	1-1/2	1000	Call
KW2000M8IT4	20	460/3/60	41.3	33-1/2	27-1/2	51-5/8	173	1-5/8	1-1/8	1-1/2	1000	Call
KW2000M8IT5	20	575/3/60	30.9	33-1/2	27-1/2	51-5/8	173	1-5/8	1-1/8	1-1/2	1000	Call
KW2500M8IT3	25	208-230/3/60	102.8	33-5/8	27-1/2	51-5/8	173	2-1/8	1-1/8	1-1/2	1020	Call
KW2500M8IT4	25	460/3/60	51.4	33-5/8	27-1/2	51-5/8	173	2-1/8	1-1/8	1-1/2	1020	Call
KW2500M8IT5	25	575/3/60	43.0	33-5/8	27-1/2	51-5/8	173	2-1/8	1-1/8	1-1/2	1020	Call
KW3000M8IT3	30	208-230/3/60	117.5	33-5/8	27-1/2	64	196	2-1/8	1-1/8	2	1116	Call
KW3000M8IT4	30	460/3/60	58.8	33-5/8	27-1/2	64	196	2-1/8	1-1/8	2	1116	Call
KW3000M8IT5	30	575/3/60	49.1	33-5/8	27-1/2	64	196	2-1/8	1-1/8	2	1116	Call
KW3500M8IT3	35	208-230/3/60	133.8	33-7/8	27-1/2	77-1/2	231	2-1/8	1-3/8	2-1/2	1268	Call
KW3500M8IT4	35	460/3/60	66.9	33-7/8	27-1/2	77-1/2	231	2-1/8	1-3/8	2-1/2	1268	Call
KW3500M8IT5	35	575/3/60	53.1	33-7/8	27-1/2	77-1/2	231	2-1/8	1-3/8	2-1/2	1268	Call
KW4000M8IT3	40	230/3/60	177.5	36-5/8	27-1/2	77-1/2	225	2-1/8	1-5/8	2-1/2	1371	Call
KW4000M8IT4	40	460/3/60	88.8	36-5/8	27-1/2	77-1/2	225	2-1/8	1-5/8	2-1/2	1371	Call
KW4000M8IT5	40	575/3/60	66.9	36-5/8	27-1/2	77-1/2	225	2-1/8	1-5/8	2-1/2	1371	Call

KW LINE, LOW TEMPERATURE, R404A, R507

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connection (In.) Suction	Discharge	Water (FPT)	Ship Wgt. (Lbs.)	Price
KW050L6IS2	1/2	208-230/1/60	4.5	25-5/8	15-1/2	35-1/4	22	5/8	3/8	3/4	289	Call
KW050L6IT3	1/2	208-230/3/60	2.7	25-5/8	15-1/2	35-1/4	22	5/8	3/8	3/4	289	Call
KW075L6IS2	3/4	208-230/1/60	7.7	25-5/8	15-1/2	35-1/4	22	5/8	3/8	3/4	288	Call
KW075L6IT3	3/4	208-230/3/60	4.7	25-5/8	15-1/2	35-1/4	22	5/8	3/8	3/4	288	Call
KW100L6IS2	1	208-230/1/60	9.3	25-5/8	15-1/2	35-1/4	22	5/8	3/8	3/4	296	Call
KW100L6IT3	1	208-230/3/60	6.5	25-5/8	15-1/2	35-1/4	22	5/8	3/8	3/4	296	Call
KW100L6IT4	1	460/3/60	2.6	25-5/8	15-1/2	35-1/4	22	5/8	3/8	3/4	296	Call
KW150L6IS2	1-1/2	208-230/1/60	13.1	25-5/8	15-1/2	35-1/4	22	7/8	3/8	3/4	298	Call
KW150L6IT3	1-1/2	208-230/3/60	9.0	25-5/8	15-1/2	35-1/4	22	7/8	3/8	3/4	298	Call
KW150L6IT4	1-1/2	460/3/60	4.3	25-5/8	15-1/2	35-1/4	22	7/8	3/8	3/4	298	Call
KW200L6IS2	2	230/1/60	13.4	25-5/8	15-1/2	36-1/4	22	7/8	3/8	3/4	370	Call
KW200L6IT3	2	208-230/3/60	8.9	25-5/8	15-1/2	36-1/4	22	7/8	3/8	3/4	370	Call
KW300L6IS2	3	230/1/60	21.7	35-1/4	17	38-1/4	51	1-3/8	1/2	1-1/4	590	Call
KW300L6IT3	3	208-230/3/60	16.9	35-1/4	17	38-1/4	51	1-3/8	1/2	1-1/4	590	Call
KW300L6IT4	3	460/3/60	7.5	35-1/4	17	38-1/4	51	1-3/8	1/2	1-1/4	590	Call
KW350L6IS2	3-1/2	230/1/60	33.1	37-7/8	17	38	51	1-3/8	1/2	1-1/4	590	Call
KW350L6IT3	3-1/2	208-230/3/60	21.9	37-7/8	17	38	51	1-3/8	1/2	1-1/4	590	Call
KW350L6IT4	3-1/2	460/3/60	10.6	37-7/8	17	38	51	1-3/8	1/2	1-1/4	590	Call
KW350L6IT5	3-1/2	575/3/60	8.8	37-7/8	17	38	51	1-3/8	1/2	1-1/4	590	Call
KW400L6IT3	4	208-230/3/60	33.7	37-7/8	17	38	51	1-3/8	1/2	1-1/4	595	Call
KW400L6IT4	4	460/3/60	13.2	37-7/8	17	38	51	1-3/8	1/2	1-1/4	595	Call
KW400L6IT5	4	575/3/60	10.0	37-7/8	17	38	51	1-3/8	1/2	1-1/4	595	Call
KW600L6IT3	6	208-230/3/60	36.9	37-7/8	17	42-1/2	59	1-3/8	1/2	1-1/4	658	Call
KW600L6IT4	6	460/3/60	13.2	37-7/8	17	42-1/2	59	1-3/8	1/2	1-1/4	658	Call

WATER COOLED INDOOR CONDENSING UNIT

KW LINE, LOW TEMPERATURE, R404A, R507 CONTINUED

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connection (In.) Suction	Discharge	Water (FPT)	Ship Wgt. (Lbs.)	Price
KW600L6IT5	6	575/3/60	11.8	37-7/8	17	42-1/2	59	1-3/8	1/2	1-1/4	658	Call
KW610L6IT3	6+	208-230/3/60	38.7	37-3/4	17	42	59	1-3/8	5/8	1-1/4	685	Call
KW610L6IT4	6+	460/3/60	17.6	37-3/4	17	42	59	1-3/8	5/8	1-1/4	685	Call
KW610L6IT5	6+	575/3/60	13.5	37-3/4	17	42	59	1-3/8	5/8	1-1/4	685	Call
KW750L6IT3	7-1/2	208-230/3/60	40.2	37-3/4	17	42	59	1-3/8	5/8	1-1/4	709	Call
KW750L6IT4	7-1/2	460/3/60	20.6	37-3/4	17	42	59	1-3/8	5/8	1-1/4	709	Call
KW750L6IT5	7-1/2	575/3/60	14.2	37-3/4	17	42	59	1-3/8	5/8	1-1/4	709	Call
KW900L6IT3	9	208-230/3/60	49.6	40	17	45-1/4	109	1-3/8	7/8	1-1/4	733	Call
KW900L6IT4	9	460/3/60	21.6	40	17	45-1/4	109	1-3/8	7/8	1-1/4	733	Call
KW900L6IT5	9	575/3/60	21.0	40	17	45-1/4	109	1-3/8	7/8	1-1/4	733	Call
KW1000L6IT3	10	208-230/3/60	53.4	40	27-1/2	45-1/4	109	1-3/8	1-1/8	1-1/4	753	Call
KW1000L6IT4	10	460/3/60	23.7	40	27-1/2	45-1/4	109	1-3/8	1-1/8	1-1/4	753	Call
KW1000L6IT5	10	575/3/60	21.4	40	27-1/2	45-1/4	109	1-3/8	1-1/8	1-1/4	753	Call
KW1500L6IT3	15	208-230/3/60	66.6	36-7/8	27-1/2	51-1/2	123	1-5/8	1-1/8	1-1/4	944	Call
KW1500L6IT4	15	460/3/60	33.3	36-7/8	27-1/2	51-1/2	123	1-5/8	1-1/8	1-1/4	944	Call
KW1500L6IT5	15	575/3/60	26.5	36-7/8	27-1/2	51-1/2	123	1-5/8	1-1/8	1-1/4	944	Call
KW2000L6IT3	20	208-230/3/60	83.4	36-7/8	27-1/2	51-1/2	123	2-1/8	1-1/8	1-1/4	949	Call
KW2000L6IT4	20	460/3/60	41.7	36-7/8	27-1/2	51-1/2	123	2-1/8	1-1/8	1-1/4	949	Call
KW2000L6IT5	20	575/3/60	30.7	36-7/8	27-1/2	51-1/2	123	2-1/8	1-1/8	1-1/4	949	Call
KW2500L6IT3	25	208-230/3/60	101.9	41-7/8	27-1/2	51-2/3	173	2-1/8	1-1/8	1-1/2	1091	Call
KW2500L6IT4	25	460/3/60	50.9	41-7/8	27-1/2	51-2/3	173	2-1/8	1-1/8	1-1/2	1091	Call
KW2500L6IT5	25	575/3/60	41.0	41-7/8	27-1/2	51-2/3	173	2-1/8	1-1/8	1-1/2	1091	Call
KW3000L6IT3	30	208-230/3/60	120.4	44-3/4	27-1/2	51-2/3	173	2-1/8	1-1/8	1-1/2	1140	Call
KW3000L6IT4	30	460/3/60	60.2	44-3/4	27-1/2	51-2/3	173	2-1/8	1-1/8	1-1/2	1140	Call
KW3000L6IT5	30	575/3/60	49.9	44-3/4	27-1/2	51-2/3	173	2-1/8	1-1/8	1-1/2	1140	Call

REFRIGERATION EQUIPMENT

WATER COOLED INDOOR CONDENSING UNIT

FACTORY INSTALLED OPTIONS, "KW" LINE

Option	HP (Size)	Indoor Price
Sealed liquid line filter drier and sight glass	0.5 - 4.0	293.00
	5.0 - 10.0	Standard
	15.0	Standard
	20.0 - 40.0	Standard
Replaceable core liquid line filter drier	15.0 - Under	479.00
	20.0 - 40.0	911.00
	0.5 - 2.1	203.00
	3.0 - 4.0	345.00
	5.0 - 10.0	808.00
	15.0 - 40.0	949.00
Suction accumulator with heat exchanger	0.5 - 2.1	284.00
	3.0 - 4.0	483.00
	5.0 - 10.0	1132.00
	15.0 - 40.0	1328.00
Sealed suction filter with vibration eliminator	0.5 - 2.1	196.00
	3.0 - 4.0	450.00
	5.0 - 15.0	694.00
	20.0 - 40.0	743.00
Replaceable core suction filter with vibration eliminator	15.0 - Under	720.00
	20.0 - 40.0	1062.00
	0.5 - 10.0	736.00
Oil separator c/w oil return solenoid valve	15.0 - 30.0	919.00
	40.0	1542.00
Liquid line solenoid valve with 230 volt coil (Shipped loose)	0.5 - 4.0	348.00
	5.0 - 9.0	388.00
	10.0 - 15.0	532.00
	20.0 - 40.0	563.00
Ball valve (Shipped loose)	10.0 - Under	172.00
	15	230.00
	20.0 - 40.0	283.00
Compressor circuit breaker	5.0 - Under	710.00
Compressor time delay relay	Over - 5.0	1330.00
Crankcase heater	All models	231.00
Pump down toggle switch	All models	177.00
8145 Time clock — Factory mounted and wired	All models	128.00
Electronic Time clock — Factory mounted and wired	All models	312.00
Contactor 30 or 40 A	All models	267.00
Contactor 60 A	All models	198.00
Compressor time delay relay	All models	272.00
Electric Defrost Kit (Electronic Defrost Time Clock, Contactors and Fuse Blocks)		
1 Evaporator per compressor	40 amp	502.00
Heater amps shown are maximums	60 amp	624.00
30 Amps maximum on fans	80 amp	1019.00
2 Evaporator per compressor	40 Amp	508.00
—Heater amps shown are maximums	60 Amp	1029.00
—30 Amps maximum on fans	80 Amp	1482.00
Sentronic oil failure control	0.5 - 40.0	405.00
Non Fused disconnect	5.1 - Under	487.00
	6.0 - 10.0	618.00
	15.0 - 20.0	1004.00
	25.0 - 40.0	1344.00
Disconnect Fusing	5.1 - Under	286.00
	6.0 - 10.0	487.00
	15.0 - 30.0	803.00
Phase / voltage monitor	0.5 - 40.0	709.00
Water regulating valve (Shipped loose)	0.5 - 5.1	196.00
	6.0 - 9.0	635.00
	10.0 - 15.0	838.00
	20.0 - 40.0	1725.00

REFRIGERATION EQUIPMENT

WATER COOLED INDOOR CONDENSING UNIT

KXH LINE


KXH

Standard Features

- Weatherproof electrical control box with compressor contactor and fused control circuit
- Pre-formed piping
- Welded hermetic compressor
- Base valve on suction line (KXH)
- Copper tubing secured with cushion clamps
- Coaxial condenser
- Receiver with fusible plug and liquid shut off valve
- Adjustable dual high/low pressure control
- Each unit subjected to a thorough leak test with helium leak detectors
- Units are shipped with helium holding charge

Optional Features

- Sealed suction filter
- Suction accumulator
- Suction accumulator with boil-out coil
- Sealed liquid line filter drier and sight glass
- Liquid line solenoid valve with 230 volt coil (shipped loose)
- Compressor circuit breaker
- Compressor time delay relay
- Pump down toggle switch
- Electric defrost kit with electronic or mechanical time clock and contactors, as required
- Lockout control circuit (for liquid solenoid valve)
- Disconnect switch (fused or non-fused)
- 3 Lead electronic phase/voltage monitor
- Water regulating valve (shipped loose)

KXH LINE, HIGH TEMPERATURE, R22

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connections ODS (In.) Suction	Discharge	Water (FPT)	Ship Wgt. (Lbs.)	Price
KXHA005H2S1A	1/2	115/1/60	13.3	16-1/2	24-7/8	30-3/8	6.0	1/2	3/8	1/2	110	Call
KXHA005H2S2A	1/2	208-230/1/60	6.6	16-1/2	24-7/8	30-3/8	6.0	1/2	3/8	1/2	110	Call
KXHA008H2S1A	3/4	115/1/60	14.9	16-1/2	24-7/8	30-3/8	6.0	5/8	3/8	1/2	120	Call
KXHA008H2S2A	3/4	208-230/1/60	8.6	16-1/2	24-7/8	30-3/8	6.0	5/8	3/8	1/2	120	Call
KXHA010H2S1A	1	115/1/60	18.8	16-1/2	24-7/8	30-3/8	6.0	5/8	3/8	1/2	140	Call
KXHA010H2S2A	1	208-230/1/60	7.9	16-1/2	24-7/8	30-3/8	6.0	5/8	3/8	1/2	140	Call
KXHA010H2T3A	1	208-230/3/60	5.3	16-1/2	24-7/8	30-3/8	6.0	5/8	3/8	1/2	140	Call
KXHA015H2S2A	1-1/2	208-230/1/60	10.1	16-1/2	24-7/8	30-3/8	12.5	5/8	3/8	5/8	240	Call
KXHA015H2T3A	1-1/2	200-230/3/60	6.8	16-1/2	24-7/8	30-3/8	12.5	5/8	3/8	5/8	240	Call
KXHA020H2S2A	2	208-230/1/60	15.2	19-1/2	36-3/8	30-3/8	12.5	5/8	3/8	3/4	240	Call
KXHA020H2T3A	2	200-230/3/60	8.2	19-1/2	36-3/8	30-3/8	12.5	5/8	3/8	3/4	240	Call
KXHA020H2T4A	2	460/3/60	4.2	19-1/2	36-3/8	30-3/8	12.5	5/8	3/8	3/4	240	Call
KXHA025H2S2A	2-1/2	208-230/1/60	19.1	19-1/2	36-3/8	30-3/8	16.0	7/8	3/8	7/8	250	Call
KXHA025H2T3A	2-1/2	200-230/3/60	11.1	19-1/2	36-3/8	30-3/8	16.0	7/8	3/8	7/8	250	Call
KXHA025H2T4A	2-1/2	460/3/60	5.7	19-1/2	36-3/8	30-3/8	16.0	7/8	3/8	7/8	250	Call
KXHA030H2S2A	3	208-230/1/60	20.8	30	47-3/8	32-7/8	24.0	7/8	1/2	7/8	330	Call
KXHA030H2T3A	3	200-230/3/60	12.4	30	47-3/8	32-7/8	24.0	7/8	1/2	7/8	330	Call
KXHA030H2T4A	3	460/3/60	6.3	30	47-3/8	32-7/8	24.0	7/8	1/2	7/8	330	Call
KXHA035H2S2A	3-1/2	208-230/1/60	21.7	30	47-3/8	32-7/8	24.0	7/8	1/2	7/8	330	Call
KXHA035H2T3A	3-1/2	200-230/3/60	14.7	30	47-3/8	32-7/8	24.0	7/8	1/2	7/8	330	Call
KXHA035H2T4A	3-1/2	460/3/60	6.7	30	47-3/8	32-7/8	24.0	7/8	1/2	7/8	330	Call
KXHA040H2S2A	4	208-230/1/60	32.5	30	47-3/8	32-7/8	24.0	1-1/8	1/2	7/8	340	Call
KXHA040H2T3A	4	200-230/3/60	20.4	30	47-3/8	32-7/8	24.0	1-1/8	1/2	7/8	340	Call
KXHA040H2T4A	4	460/3/60	10.2	30	47-3/8	32-7/8	24.0	1-1/8	1/2	7/8	340	Call
KXHA050H2S2A	5	208-230/1/60	38.5	30	47-3/8	32-7/8	24.0	1-1/8	1/2	1-1/8	350	Call
KXHA050H2T3A	5	200-230/3/60	24	30	47-3/8	32-7/8	24.0	1-1/8	1/2	1-1/8	350	Call
KXHA050H2T4A	5	460/3/60	10.8	30	47-3/8	32-7/8	24.0	1-1/8	1/2	1-1/8	350	Call

REFRIGERATION EQUIPMENT

WATER COOLED INDOOR CONDENSING UNIT

KXH LINE, EXTENDED MEDIUM, R404A, R507

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connections ODS (In.) Suction	Discharge	Water (FPT)	Ship Wgt. (Lbs.)	Price
KXHA006E6S1A	1/2	115/1/60	11.4	16-1/2	24-7/8	30-3/8	5.4	5/8	3/8	1/2	120	Call
KXHA006E6S2A	1/2	208-230/1/60	6.0	16-1/2	24-7/8	30-3/8	5.4	5/8	3/8	1/2	120	Call
KXHA008E6S1A	3/4	115/1/60	14.8	16-1/2	24-7/8	30-3/8	5.4	5/8	3/8	1/2	120	Call
KXHA008E6S2A	3/4	208-230/1/60	6.8	16-1/2	24-7/8	30-3/8	5.4	5/8	3/8	1/2	120	Call
KXHA009E6S1A	1	115/1/60	13.6	16-1/2	24-7/8	30-3/8	5.4	5/8	3/8	1/2	120	Call
KXHA009E6S2A	1	208-230/1/60	8.7	16-1/2	24-7/8	30-3/8	5.4	5/8	3/8	1/2	120	Call
KXHA010E6S2A	1	208-230/1/60	7.9	16-1/2	24-7/8	30-3/8	5.4	5/8	3/8	1/2	140	Call
KXHA010E6T3A	1	200-230/3/60	5.3	16-1/2	24-7/8	30-3/8	5.4	5/8	3/8	1/2	140	Call
KXHA015E6S2A	1 1/2	208-230/1/60	12.3	16-1/2	24-7/8	30-3/8	11.3	5/8	3/8	5/8	240	Call
KXHA015E6T3A	1 1/2	200-230/3/60	8.4	16-1/2	24-7/8	30-3/8	11.3	5/8	3/8	5/8	240	Call
KXHA015E6T4A	1 1/2	460/3/60	4.0	16-1/2	24-7/8	30-3/8	11.3	5/8	3/8	5/8	240	Call
KXHA020E6S2A	2	208-230/1/60	12.3	19-1/2	36-3/8	30-3/8	11.3	5/8	3/8	5/8	240	Call
KXHA020E6T3A	2	200-230/3/60	8.4	19-1/2	36-3/8	30-3/8	11.3	5/8	3/8	5/8	240	Call
KXHA025E6S2A	2 1/2	208-230/1/60	14.0	19-1/2	36-3/8	30-3/8	14.4	7/8	1/2	3/4	240	Call
KXHA025E6T3A	2 1/2	200-230/3/60	10.3	19-1/2	36-3/8	30-3/8	14.4	7/8	1/2	3/4	240	Call
KXHA025E6T4A	2 1/2	460/3/60	5.3	19-1/2	36-3/8	30-3/8	14.4	7/8	1/2	3/4	240	Call
KXHA030E6S2A	3	208-230/1/60	17.9	30	47-3/8	32-7/8	21.5	7/8	1/2	7/8	320	Call
KXHA030E6T3A	3	200-230/3/60	9.9	30	47-3/8	32-7/8	21.5	7/8	1/2	7/8	320	Call
KXHA030E6T4A	3	460/3/60	5.3	30	47-3/8	32-7/8	21.5	7/8	1/2	7/8	320	Call
KXHA035E6S2A	3 1/2	208-230/1/60	20.8	30	47-3/8	32-7/8	21.5	7/8	1/2	7/8	320	Call
KXHA035E6T3A	3 1/2	200-230/3/60	12.8	30	47-3/8	32-7/8	21.5	7/8	1/2	7/8	320	Call
KXHA035E6T4A	3 1/2	460/3/60	5.7	30	47-3/8	32-7/8	21.5	7/8	1/2	7/8	320	Call
KXHA040E6S2A	4	208-230/1/60	26.8	30	47-3/8	32-7/8	21.5	7/8	1/2	7/8	320	Call
KXHA040E6T3A	4	200-230/3/60	17.5	30	47-3/8	32-7/8	21.5	7/8	1/2	7/8	320	Call
KXHA040E6T4A	4	460/3/60	9.5	30	47-3/8	32-7/8	21.5	7/8	1/2	7/8	320	Call
KXHA050E6S2A	5	208-230/1/60	34.5	30	47-3/8	32-7/8	21.5	7/8	1/2	1-1/8	330	Call
KXHA050E6T3A	5	200-230/3/60	21.0	30	47-3/8	32-7/8	21.5	7/8	1/2	1-1/8	330	Call
KXHA050E6T4A	5	460/3/60	11.1	30	47-3/8	32-7/8	21.5	7/8	1/2	1-1/8	330	Call

KXH LINE, LOW TEMPERATURE, R404A

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connections ODS (In.) Suction	Liquid	Water	Ship Wgt. (Lbs.)	Price
KXHA006L6S1A	1/2	115/1/60	10.3	16-1/2	24-7/8	30-3/8	5.4	1/2	3/8	1/2	110	Call
KXHA006L6S2A	1/2	208-230/1/60	4.2	16-1/2	24-7/8	30-3/8	5.4	1/2	3/8	1/2	110	Call
KXHA008L6S1A	3/4	115/1/60	9.9	16-1/2	24-7/8	30-3/8	5.4	5/8	3/8	1/2	160	Call
KXHA008L6S2A	3/4	208-230/1/60	5.2	16-1/2	24-7/8	30-3/8	5.4	5/8	3/8	1/2	160	Call
KXHA010L6S2A	1	208-230/1/60	12.4	16-1/2	24-7/8	30-3/8	5.4	7/8	3/8	1/2	160	Call
KXHA010L6T3A	1	200-230/3/60	7.6	16-1/2	24-7/8	30-3/8	5.4	7/8	3/8	1/2	160	Call
KXHA020L6S2A	2	208-230/1/60	12.8	16-1/2	24-7/8	30-3/8	5.4	7/8	3/8	1/2	160	Call
KXHA020L6T3A	2	200-230/3/60	7.9	16-1/2	24-7/8	30-3/8	5.4	7/8	3/8	1/2	160	Call
KXHA025L6S2A	2 1/2	208-230/1/60	18.8	19-1/2	36-3/8	30-3/8	11.3	7/8	3/8	5/8	240	Call
KXHA025L6T3A	2 1/2	200-230/3/60	11.5	19-1/2	36-3/8	30-3/8	11.3	7/8	3/8	5/8	240	Call
KXHA025L6T4A	2 1/2	460/3/60	6.2	19-1/2	36-3/8	30-3/8	11.3	7/8	3/8	5/8	240	Call
KXHA030L6S2A	3	208-230/1/60	23.0	19-1/2	36-3/8	30-3/8	14.4	7/8	1/2	3/4	250	Call
KXHA030L6T3A	3	200-230/3/60	13.8	19-1/2	36-3/8	30-3/8	14.4	7/8	1/2	3/4	250	Call
KXHA030L6T4A	3	460/3/60	7.4	19-1/2	36-3/8	30-3/8	14.4	7/8	1/2	3/4	250	Call

WATER COOLED INDOOR CONDENSING UNIT

KXS LINE

Standard Features

- Weatherproof electrical control box with compressor contactor and fused control circuit
- Pre-formed piping
- Solid mounted accessible semi-hermetic compressor (to 2 HP)
- Spring mounted accessible semi-hermetic compressor with suction and discharge vibration eliminator (3 HP and over)
- Suction service valve.
- Copper tubing secured with cushion clamps
- Coaxial condenser
- Receiver with fusible plug and liquid shut off valve
- Adjustable dual high/low pressure control
- Each unit subjected to a thorough leak test with helium leak detectors
- Units are shipped with helium holding charge

Optional Features

- Suction and discharge vibration eliminator (to 2 HP)
- Suction accumulator (with or without boil-out coil)
- Discharge line check valve
- Oil separator (with or without oil return filter & solenoid valve)
- Receiver inlet ball valve
- Over-sized receiver
- Sealed liquid line filter drier & sight glass
- Liquid line ball valve (shipped loose)
- Insulated suction lines
- Flex hoses for all pressure controls
- Liquid line solenoid valve (with standard 230 volt coil) shipped loose
- Compressor circuit breaker
- Current sensing relay for use with oil safety control (where applicable)
- Defrost heater contactor with fuse block
- Evaporator fan contactor with fuse block
- Disconnect switch
- Disconnect fusing
- Pump down toggle switch
- Lock out control circuit (liquid solenoid valve with separate HP and LP controls)
- Time delay relay for compressor
- Mechanical time clock
- Electronic time clock
- Electronic defrost kit
- Electronic voltage/phase monitor
- Water regulating valve (shipped loose)

KXS LINE, HIGH TEMPERATURE, R22

KeepRite REFRIGERATION

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap. (Lbs.)	Connections ODS (In.)			Ship Wgt. (Lbs.)	Price
				H	W	L		Suction	Liquid	Water		
KXSA005H2S2A	1/2	208-230/1/60	5.0	16-1/2	24-7/8	30-3/8	6.0	1/2	3/8	1/2	190	Call
KXSA005H2T3A	1/2	208-230/3/60	3.0	16-1/2	24-7/8	30-3/8	6.0	1/2	3/8	1/2	190	Call
KXSA008H2S2A	3/4	208-230/1/60	7.6	16-1/2	24-7/8	30-3/8	6.0	1/2	3/8	1/2	220	Call
KXSA008H2T3A	3/4	208-230/3/60	4.4	16-1/2	24-7/8	30-3/8	6.0	1/2	3/8	1/2	220	Call
KXSA010H2S2A	1	208-230/1/60	9.3	16-1/2	24-7/8	30-3/8	6.0	5/8	3/8	1/2	240	Call
KXSA010H2T3A	1	208-230/3/60	5.4	16-1/2	24-7/8	30-3/8	6.0	5/8	3/8	1/2	240	Call
KXSA015H2S2A	1-1/2	208-230/1/60	12.0	16-1/2	24-7/8	30-3/8	16.0	7/8	3/8	5/8	280	Call
KXSA015H2T3A	1-1/2	208-230/3/60	6.9	16-1/2	24-7/8	30-3/8	16.0	7/8	3/8	5/8	280	Call
KXSA015H2T4A	1-1/2	460/3/60	3.1	16-1/2	24-7/8	30-3/8	16.0	7/8	3/8	5/8	280	Call
KXSA020H2S2A	2	208-230/1/60	13.3	19-1/2	36-3/8	30-3/8	16.0	7/8	1/2	5/8	290	Call
KXSA020H2T3A	2	208-230/3/60	8.5	19-1/2	36-3/8	30-3/8	16.0	7/8	1/2	5/8	290	Call
KXSA020H2T4A	2	460/3/60	3.8	19-1/2	36-3/8	30-3/8	16.0	7/8	1/2	5/8	290	Call
KXSA030H2S2A	3	230/1/60	21.3	30	47-3/8	32-7/8	25.0	1-1/8	1/2	7/8	410	Call
KXSA030H2T3A	3	208-230/3/60	14.6	30	47-3/8	32-7/8	25.0	1-1/8	1/2	7/8	410	Call
KXSA030H2T4A	3	460/3/60	8.0	30	47-3/8	32-7/8	25.0	1-1/8	1/2	7/8	410	Call
KXSA040H2T3A	4	208-230/3/60	27.3	30	47-3/8	32-7/8	25.0	1-1/8	5/8	7/8	470	Call
KXSA040H2T4A	4	460/3/60	14.1	30	47-3/8	32-7/8	25.0	1-1/8	5/8	7/8	470	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

WATER COOLED INDOOR CONDENSING UNIT

KXS LINE, MEDIUM TEMPERATURE, R22

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connections ODS (In.) Suction	Liquid	Water	Ship Wgt. (Lbs.)	Price
KXSA005M2S2A	1/2	208-230/1/60	4.6	16-1/2	24-7/8	30-3/8	6.0	1/2	3/8	1/2	190	Call
KXSA005M2T3A	1/2	208-230/3/60	2.8	16-1/2	24-7/8	30-3/8	6.0	1/2	3/8	1/2	190	Call
KXSA008M2S2A	3/4	208-230/1/60	6.8	16-1/2	24-7/8	30-3/8	6.0	5/8	3/8	1/2	220	Call
KXSA008M2T3A	3/4	208-230/3/60	4.3	16-1/2	24-7/8	30-3/8	6.0	5/8	3/8	1/2	220	Call
KXSA010M2S2A	1	208-230/1/60	9.4	16-1/2	24-7/8	30-3/8	6.0	5/8	3/8	1/2	240	Call
KXSA010M2T3A	1	208-230/3/60	5.6	16-1/2	24-7/8	30-3/8	6.0	5/8	3/8	1/2	240	Call
KXSA021M2S2A	2	230/1/60	13.6	19-1/2	36-3/8	30-3/8	16.0	7/8	1/2	3/4	350	Call
KXSA021M2T3A	2	208-230/3/60	8.5	19-1/2	36-3/8	30-3/8	16.0	7/8	1/2	3/4	350	Call
KXSA021M2T4A	2	460/3/60	4.5	19-1/2	36-3/8	30-3/8	16.0	7/8	1/2	3/4	350	Call
KXSA021M2T5A	2	575/3/60	4.0	19-1/2	36-3/8	30-3/8	16.0	7/8	1/2	3/4	350	Call
KXSA030M2S2A	3	230/1/60	22.3	30	47-3/8	32-7/8	25.0	1-1/8	1/2	7/8	410	Call
KXSA030M2T3A	3	208-230/3/60	16.4	30	47-3/8	32-7/8	25.0	1-1/8	1/2	7/8	410	Call
KXSA030M2T4A	3	460/3/60	8.3	30	47-3/8	32-7/8	25.0	1-1/8	1/2	7/8	410	Call
KXSA050M2T3A	5	208-230/3/60	30.4	30	47-3/8	32-7/8	25.0	1-1/8	1/2	1-1/8	650	Call
KXSA050M2T4A	5	460/3/60	15.1	30	47-3/8	32-7/8	25.0	1-1/8	1/2	1-1/8	650	Call
KXSA050M2T5A	5	575/3/60	11.5	30	47-3/8	32-7/8	25.0	1-1/8	1/2	1-1/8	650	Call

(Call) Please contact your local Aireco branch for pricing.

KXS LINE, MEDIUM TEMPERATURE, R404A, R507

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connections ODS (In.) Suction	Liquid	Water	Ship Wgt. (Lbs.)	Price
KXSA005M6S2A	1/2	208-230/1/60	4.6	16-1/2	24-7/8	30-3/8	5.2	1/2	3/8	1/2	190	Call
KXSA005M6T3A	1/2	208-230/3/60	2.6	16-1/2	24-7/8	30-3/8	5.2	1/2	3/8	1/2	190	Call
KXSA010M6S2A	1	208-230/1/60	9.3	16-1/2	24-7/8	30-3/8	5.2	5/8	3/8	1/2	240	Call
KXSA010M6T3A	1	208-230/3/60	5.4	16-1/2	24-7/8	30-3/8	5.2	5/8	3/8	1/2	240	Call
KXSA020M6S2A	2	208-230/1/60	13.3	19-1/2	36-3/8	30-3/8	14	7/8	1/2	5/8	290	Call
KXSA020M6T3A	2	208-230/3/60	8.5	19-1/2	36-3/8	30-3/8	14	7/8	1/2	5/8	290	Call
KXSA020M6T4A	2	460/3/60	3.8	19-1/2	36-3/8	30-3/8	14	7/8	1/2	5/8	290	Call
KXSA021M6T3A	2 +	208-230/3/60	11.0	19-1/2	36-3/8	30-3/8	14	7/8	1/2	3/4	350	Call
KXSA021M6T4A	2 +	460/3/60	4.4	19-1/2	36-3/8	30-3/8	14	7/8	1/2	3/4	350	Call
KXSA021M6T5A	2 +	575/3/60	3.9	19-1/2	36-3/8	30-3/8	14	7/8	1/2	3/4	350	Call
KXSA030M6S2A	3	230/1/60	21.3	30	47-3/8	32-7/8	22	7/8	1/2	7/8	410	Call
KXSA030M6T3A	3	208-230/3/60	15.5	30	47-3/8	32-7/8	22	7/8	1/2	7/8	410	Call
KXSA030M6T4A	3	460/3/60	7.3	30	47-3/8	32-7/8	22	7/8	1/2	7/8	410	Call
KXSA035M6T3A	3-1/2	208-230/3/60	17.8	30	47-3/8	32-7/8	22	1-1/8	5/8	7/8	420	Call
KXSA035M6T4A	3-1/2	460/3/60	7.9	30	47-3/8	32-7/8	22	1-1/8	5/8	7/8	420	Call
KXSA040M6T3A	4	208-230/3/60	27.3	30	47-3/8	32-7/8	22	1-1/8	5/8	7/8	470	Call
KXSA040M6T4A	4	460/3/60	11.3	30	47-3/8	32-7/8	22	1-1/8	5/8	7/8	470	Call

(Call) Please contact your local Aireco branch for pricing.

WATER COOLED INDOOR CONDENSING UNIT

KXS LINE, LOW TEMPERATURE, R404A, R507

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.) H	W	L	Receiver Cap. (Lbs.)	Connections ODS (In.) Suction	Liquid	Water	Ship Wgt. (Lbs.)	Price
KXSA005L6S2A	1/2	208-230/1/60	4.5	16-1/2	24-7/8	30-3/8	5.2	1/2	3/8	1/2	220	Call
KXSA005L6T3A	1/2	208-230/3/60	2.8	16-1/2	24-7/8	30-3/8	5.2	1/2	3/8	1/2	220	Call
KXSA008L6S2A	3/4	208-230/1/60	7.0	16-1/2	24-7/8	30-3/8	5.2	5/8	3/8	1/2	240	Call
KXSA008L6T3A	3/4	208-230/3/60	4.0	16-1/2	24-7/8	30-3/8	5.2	5/8	3/8	1/2	240	Call
KXSA010L6S2A	1	208-230/1/60	8.6	16-1/2	24-7/8	30-3/8	5.2	7/8	3/8	1/2	260	Call
KXSA010L6T3A	1	208-230/3/60	5.8	16-1/2	24-7/8	30-3/8	5.2	7/8	3/8	1/2	260	Call
KXSA015L6S2A	1-1/2	208-230/1/60	12.4	16-1/2	24-7/8	30-3/8	14.0	7/8	3/8	5/8	280	Call
KXSA015L6T3A	1-1/2	208-230/3/60	8.3	16-1/2	24-7/8	30-3/8	14.0	7/8	3/8	5/8	280	Call
KXSA015L6T4A	1-1/2	460/3/60	4.3	16-1/2	24-7/8	30-3/8	14.0	7/8	3/8	5/8	280	Call
KXSA020L6S2A	2	230/1/60	12.5	16-1/2	24-7/8	30-3/8	14.0	7/8	3/8	5/8	350	Call
KXSA020L6T3A	2	208-230/3/60	8.5	16-1/2	24-7/8	30-3/8	14.0	7/8	3/8	5/8	350	Call
KXSA021L6S2A	2	208-230/1/60	18.4	19-1/2	36-3/8	30-3/8	14.0	7/8	1/2	5/8	350	Call
KXSA021L6T3A	2	208-230/3/60	9.3	19-1/2	36-3/8	30-3/8	14.0	7/8	1/2	5/8	350	Call
KXSA021L6T4A	2	460/3/60	4.9	19-1/2	36-3/8	30-3/8	14.0	7/8	1/2	5/8	350	Call
KXSA021L6T5A	2	575/3/60	3.9	19-1/2	36-3/8	30-3/8	14.0	7/8	1/2	5/8	350	Call
KXSA030L6S2A	3	230/1/60	20.9	19-1/2	36-3/8	30-3/8	22.0	1-1/8	1/2	3/4	420	Call
KXSA030L6T3A	3	208-230/3/60	16.0	19-1/2	36-3/8	30-3/8	22.0	1-1/8	1/2	3/4	420	Call
KXSA030L6T4A	3	460/3/60	7.5	19-1/2	36-3/8	30-3/8	22.0	1-1/8	1/2	3/4	420	Call
KXSA030L6T5A	3	575/3/60	5.1	19-1/2	36-3/8	30-3/8	22.0	1-1/8	1/2	3/4	420	Call
KXSA031L6S2A	3 +	230/1/60	34.6	30	47-3/8	32-7/8	22.0	1-1/8	1/2	7/8	490	Call
KXSA031L6T3A	3 +	208-230/3/60	20.4	30	47-3/8	32-7/8	22.0	1-1/8	1/2	7/8	490	Call
KXSA031L6T4A	3 +	460/3/60	10.5	30	47-3/8	32-7/8	22.0	1-1/8	1/2	7/8	490	Call
KXSA032L6S2A	3 +	230/1/60	19.4	30	47-3/8	32-7/8	22.0	1-1/8	1/2	3/4	420	Call
KXSA032L6T3A	3 +	208-230/3/60	16.0	30	47-3/8	32-7/8	22.0	1-1/8	1/2	3/4	420	Call
KXSA032L6T4A	3 +	460/3/60	7.5	30	47-3/8	32-7/8	22.0	1-1/8	1/2	3/4	420	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

AIR COOLED CONDENSER

KCS LINE, HORIZONTAL/VERTICAL AIR



The KCS air-cooled condenser is an economical and practical solution to small condensing unit applications. Available in nominal sizes from 2 to 24 tons THR. Also available in 460/1/60 and 575/1/60 power supply.

Features:

- Horizontal or vertical air discharge
- Heavy gauge galvanized steel cabinet
- ThermoSpan™ coil design eliminates tube failures on tube sheet
- Internally enhanced tubing with enhanced fin optimizes coil performance
- Energy efficient PSC motors with internal overload protection
- Unit shipped with nitrogen holding charge

Options:

- Optional leg kits for horizontal and vertical configurations
- Multiple refrigeration circuits
- Ambient or pressure fan cycling control with contactor
- Johnson P66 variable fan speed control
- Non-fused disconnect
- Individual fan motor fusing
- Receiver with or without heater and insulation
- Adjustable flooded head pressure control (Factory mounted if ordered with receiver option)
- Optional fin materials and coatings
- Voltages for 60 and 50 Hz

Dimensions reflect vertical air applications; 25° TD THR is for R22 2C Suffix indicates 2 circuit models

Part No.	THR Capacity @ 25° TD (BTUH)	Voltage	MCA (Amps)	Dimensions (In.)			Connection (In.)		Ship Wgt (Lbs.)	Price
				H	W	L	Inlet	Outlet		
KCS002S2A	31000	208-230/1/60	1.4	38-3/8	24-1/4	26 1/2	5/8	3/8	127	Call
KCS003S2A	38500	208-230/1/60	1.4	38-3/8	24-1/4	26 1/2	5/8	1/2	131	Call
KCS005S2A	64900	208-230/1/60	2.7	38-3/8	31-3/4	39	7/8	5/8	150	Call
KCS006S2A	77900	208-230/1/60	2.7	38-3/8	31-3/4	39	7/8	5/8	157	Call
KCS008S2A	96750	208-230/1/60	2.7	38-3/8	41-3/4	39	1-1/8	7/8	197	Call
KCS010S2A	127500	208-230/1/60	4.8	38-3/8	41-3/4	56 1/2	1-1/8	7/8	254	Call
KCS012S2A	154500	208-230/1/60	4.8	38-3/8	41-5/8	55 1/2	1-1/8	7/8	269	Call
KCS012S2A-2C	154500	208-230/1/60	4.8	38-3/8	41-5/8	55 1/2	NA	NA	269	Call
KCS014S2A	176000	208-230/1/60	4.8	38-3/8	41-5/8	75 1/2	1-3/8	7/8	305	Call
KCS014S2A-2C	176000	208-230/1/60	4.8	38-3/8	41-5/8	75 1/2	NA	NA	305	Call
KCS016S2A	193000	208-230/1/60	4.8	38-3/8	41-5/8	75 1/2	1-3/8	7/8	325	Call
KCS016S2A-2C	193000	208-230/1/60	4.8	38-3/8	41-5/8	75 1/2	NA	NA	325	Call
KCS019S2A-2C	230000	208-230/1/60	6.9	38-3/8	41-5/8	83	NA	NA	361	Call
KCS019T3A-2C	230000	208-230/3/60	4.6	38-3/8	41-5/8	83	NA	NA	361	Call
KCS024S2A	288500	208-230/1/60	6.9	38-3/8	41-5/8	113	1-5/8	1-1/8	447	Call
KCS024S2A-2C	288500	208-230/1/60	6.9	38-3/8	41-5/8	113	NA	NA	447	Call
KCS024T3A	288500	208-230/3/60	4.6	38-3/8	41-5/8	113	1-5/8	1-1/8	447	Call
KCS024T3A-2C	288500	208-230/3/60	4.6	38-3/8	41-5/8	113	NA	NA	447	Call

KeepRite® REFRIGERATION

COMMERCIAL REFRIGERATION PRODUCTS



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The Right Choice For The Refrigeration Professional

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KeepRite® REFRIGERATION

REFRIGERATION EQUIPMENT

REACH-IN EVAPORATOR

DUAL-AIRE, AIR DEFROST



- Used whenever a small, compact unit is required. It can be mounted on the ceiling or wall.
- Draws air through the front and discharges it out both sides to insure proper distribution of cool air and thus maintain uniform box temperature
- Textured aluminum cabinet
- Twin air flow cooling
- Cabinet assembled with stainless steel screws
- Full collar aluminum fins on expanded copper tubes
- All sizes UL component recognized, NSF approved
- UK models have coated coils
- Voltage: 115/1/60
- Height less drain spud: 1 7/16"
- Capacity @ 10°F TD

BOHN

Part No.	Capacity (BTUH) +25°F	CFM	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
			L	W	H	Suction IDS	Inlet Flare		
U0090AB	850	190	11-1/2	8-7/8	8-1/2	3/8	1/2	8	Call
UK0090AB	850	190	11-1/2	8-7/8	8-1/2	3/8	1/2	8	776.00
U0120AB	1150	250	17-1/2	8-7/8	8-1/2	3/8	1/2	10	Call
UK0120AB	1150	250	17-1/2	8-7/8	8-1/2	3/8	1/2	10	877.00
U0150AB	1500	310	17-1/2	10-7/8	9-1/2	3/8	1/2	12	Call
UK0150AB	1500	310	17-1/2	10-7/8	9-1/2	3/8	1/2	12	986.00

VEE-AIRE, AIR DEFROST



- Designed for use in small reach-ins, back bar and under counter refrigerators
- The unit can be mounted from the ceiling or off the back wall or end walls
- Attractive grained aluminum cabinet
- Molded Lexan® fan guard
- Plate-type aluminum fins with full collars on expanded copper tubes
- Expansion valve mounts inside cabinets
- All models UL listed and CSA certified
- Certified to NSF
- VAK models have coated coils
- Height less drain spud: (1 7/16")
- Width less mounting and suction connection
- Capacity @ 10°F TD

BOHN

Part No.	Capacity (BTUH) +25°F	CFM	Voltage	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
				L	W	H	Suction IDS	Inlet ODS		
VA06AG	600	135	115/1/60	12-1/2	8-1/8	6-7/8	3/8	3/8	7	Call
VA06BG	600	135	208-230/1/60	12-1/2	8-1/8	6-7/8	3/8	3/8	7	Call
VAK06AG	600	135	115/1/60	12-1/2	8-1/8	6-7/8	3/8	3/8	7	Call
VAK06BG	600	135	208-230/1/60	12-1/2	8-1/8	6-7/8	3/8	3/8	7	Call
VA08A	800	130	115/1/60	12-1/4	8-1/8	6-7/8	3/8	3/8	7	588.00
VA08BG	800	130	208-230/1/60	12-1/4	8-1/8	6-7/8	3/8	3/8	7	Call
VAK08AG	800	130	115/1/60	12-1/4	8-1/8	6-7/8	3/8	3/8	7	644.00
VAK08BG	800	130	208-230/1/60	12-1/4	8-1/8	6-7/8	3/8	3/8	7	Call
VA12A	1200	265	115/1/60	18	8-1/8	8	3/8	3/8	11	800.00
VA12BG	1200	265	208-230/1/60	18	8-1/8	8	3/8	3/8	11	Call
VAK12AG	1200	265	115/1/60	18	8-1/8	8	3/8	3/8	11	865.00
VAK12BG	1200	265	208-230/1/60	18	8-1/8	8	3/8	3/8	11	Call
VA17AG	1700	245	115/1/60	14	10-1/2	9-3/4	3/8	3/8	13	Call
VA17BG	1700	245	208-230/1/60	14	10-1/2	9-3/4	3/8	3/8	13	Call
VAK17AG	1700	245	115/1/60	14	10-1/2	9-3/4	3/8	3/8	13	968.00
VAK17BG	1700	245	208-230/1/60	14	10-1/2	9-3/4	3/8	3/8	13	Call

REFRIGERATION EQUIPMENT

REACH-IN EVAPORATOR

TOP-AIRE, AIR DEFROST



Thin unit which mounts in the top of a refrigerator and makes the entire top shelf area usable. The attractive low silhouette makes the Top-Aire particularly desirable for display type refrigerators.

- TAK models have coated coils
- All models UL listed, CSA certified, and certified to NSF standards
- Attractive grained aluminum cabinet
- Drain fitting mounted at 45° - drain can be run through back or bottom of refrigerator
- Room for expansion valve inside - out of sight
- Capacity @ 10°F TD
- Width includes mounting lugs (2")

BOHN

Part No.	Capacity (BTUH) +25°F	CFM	Motor Qty	Voltage	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					L	W	H	Suction IDS	Inlet ODS		
TA10AG	1000	110	1	115/1/60	16-1/2	15-1/2	4-1/2	3/8	3/8	12	652.00
TA10BG	1000	110	1	208-230/1/60	16-1/2	15-1/2	4-1/2	3/8	3/8	12	Call
TAK10AG	1000	110	1	115/1/60	16-1/2	15-1/2	4-1/2	3/8	3/8	12	761.00
TAK10BG	1000	110	1	208-230/1/60	16-1/2	15-1/2	4-1/2	3/8	3/8	12	Call
TA13AG	1300	205	2	115/1/60	20-1/2	15-1/2	4-1/2	3/8	3/8	16	986.00
TA13BG	1300	205	2	208-230/1/60	20-1/2	15-1/2	4-1/2	3/8	3/8	16	Call
TAK13AG	1300	205	2	115/1/60	20-1/2	15-1/2	4-1/2	3/8	3/8	16	968.00
TAK13BG	1300	205	2	208-230/1/60	20-1/2	15-1/2	4-1/2	3/8	3/8	16	Call
TA17AG	1700	205	2	115/1/60	24	16-1/2	4-1/2	3/8	3/8	28	986.00
TA17BG	1700	205	2	208-230/1/60	24	16-1/2	4-1/2	3/8	3/8	18	Call
TAK17AG	1700	205	2	115/1/60	24	16-1/2	4-1/2	3/8	3/8	18	1103.00
TAK17BG	1700	205	2	208-230/1/60	24	16-1/2	4-1/2	3/8	3/8	18	Call
TA23AG	2300	315	3	115/1/60	31-5/8	16-1/2	4-1/2	3/8	3/8	24	1254.00
TA23BG	2300	315	3	208-230/1/60	31-5/8	16-1/2	4-1/2	3/8	3/8	24	Call
TAK23AG	2300	315	3	115/1/60	31-5/8	16-1/2	4-1/2	3/8	3/8	24	1397.00
TAK23BG	2300	315	3	208-230/1/60	31-5/8	16-1/2	4-1/2	3/8	3/8	24	Call
TA30AG	3000	320	3	115/1/60	40	16-1/2	4-1/2	1/2	3/8	28	1558.00
TA30BG	3000	320	3	208-230/1/60	40	16-1/2	4-1/2	1/2	3/8	28	Call
TAK30AG	3000	320	3	115/1/60	40	16-1/2	4-1/2	1/2	3/8	28	1705.00
TAK30BG	3000	320	3	208-230/1/60	40	16-1/2	4-1/2	1/2	3/8	28	Call
TA43A	4300	425	4	115/1/60	53-3/8	16-1/2	6-1/2	5/8	1/2	32	2105.00
TA43BG	4300	425	4	208-230/1/60	53-3/8	16-1/2	6-1/2	5/8	1/2	32	Call
TAK43AG	4300	425	4	115/1/60	53-3/8	16-1/2	6-1/2	5/8	1/2	32	2313.00
TAK43BG	4300	425	4	208-230/1/60	53-3/8	16-1/2	6-1/2	5/8	1/2	32	Call
TA55AG	5500	545	5	115/1/60	53-3/8	16-1/2	6-1/2	5/8	1/2	43	1733.00
TA55BG	5500	545	5	208-230/1/60	53-3/8	16-1/2	6-1/2	5/8	1/2	43	Call
TAK55AG	5500	545	5	115/1/60	53-3/8	16-1/2	6-1/2	5/8	1/2	43	2967.00
TAK55BG	5500	545	5	208-230/1/60	53-3/8	16-1/2	6-1/2	5/8	1/2	43	Call

REFRIGERATION EQUIPMENT

REACH-IN EVAPORATOR

TOP-AIRE, ELECTRIC DEFROST



The TL low temperature cooler has a completely automatic defrost system. Having a normal operating range of +15°F to -20°F, this unit is ideally suited for such applications as commercial freezers, ice cream boxes, bakery freezers and dual-temp reach-in boxes.

- Plate type aluminum fins with full collars —copper tubes
- Capacity @ 10°F T.D.
- Width includes mounting lugs (2")

BOHN

Part No.	Capacity (BTUH) -10°F	Capacity (BTUH) +20°F	CFM	Motor Qty	Voltage	Dimensions (In.) L	Dimensions (In.) W	Dimensions (In.) H	Connections (In.) Suction IDS	Connections (In.) Inlet ODS	Ship Wgt. (Lbs.)	Price
TL09AG	900	1050	110	1	115/1/60	16-1/2	15-1/2	4-1/2	3/8	3/8	13	1088.00
TL09BG	900	1050	110	1	208-230/1/60	16-1/2	15-1/2	4-1/2	3/8	3/8	13	Call
TL12AG	1200	1380	210	2	115/1/60	20-1/2	15-1/2	4-1/2	1/2	3/8	17	1308.00
TL12BG	1200	1380	210	2	208-230/1/60	20-1/2	15-1/2	4-1/2	1/2	3/8	17	1308.00
TL16AG	1600	1780	210	2	115/1/60	24	16-1/2	4-1/2	1/2	3/8	20	Call
TL16BG	1600	1780	210	2	208-230/1/60	24	16-1/2	4-1/2	1/2	3/8	20	1067.00
TL21AG	2100	2400	240	1	115/1/60	24	18-1/2	6-3/4	1/2	3/8	24	1838.00
TL21BG	2100	2400	240	1	208-230/1/60	24	18-1/2	6-3/4	1/2	3/8	24	Call
TL28BG	2800	3200	335	3	208-230/1/60	31-5/8	18-1/2	6-3/4	1/2	3/8	31	2313.00
TL35BG	3500	4000	420	2	208-230/1/60	38-3/8	18-1/2	6-3/4	5/8	3/8	31	2609.00
TL53BG	5300	6100	595	3	208-230/1/60	49-1/8	18-1/2	6-3/4	7/8	3/8	47	2706.00

HIGH PROFILE, AIR DEFROST



A thin unit which mounts on top of a refrigerator andmakes the entire top shelf area usable. The attractive low silhouette makes the Top-Aire
particularly desirable for display type refrigerators.
It can also be used in back bars, under counter cabinets or wherever space is at a premium.

- **CK models have coated coils**
- All models UL listed, CSA certified and certified to NSF standards
- Attractive grained aluminum cabinet
- Drain fitting mounted at 45° - drain can be run through back or bottom of refrigerator
- Room for expansion valve inside
- Depth: 15 3/4" includes top mounting lugs (2")
- Height: 8 7/8"
- Capacity at 10°F T.D.

BOHN

Part No.	Capacity (BTUH) +25°F	CFM	Motor Qty.	Voltage	Length (In.)	Connections (In.) Suction IDS	Connections (In.) Inlet ODS	Ship Wgt. (Lbs.)	Price
C13AG	1300	235	1	115/1/60	14-1/4	3/8	3/8	15	Call
C13BG	1300	235	1	208-230/1/60	14-1/4	3/8	3/8	15	Call
CK13AG	1300	235	1	115/1/60	14-1/4	3/8	3/8	15	896.00
CK13BG	1300	235	1	208-230/1/60	14-1/4	3/8	3/8	15	Call
C17AG	1700	250	1	115/1/60	17-1/4	1/2	3/8	17	Call
C17BG	1700	250	1	208-230/1/60	17-1/4	1/2	3/8	17	Call
CK17AG	1700	250	1	115/1/60	17-1/4	1/2	3/8	17	957.00
CK17BG	1700	250	1	208-230/1/60	17-1/4	1/2	3/8	17	Call
C23AG	2300	265	1	115/1/60	22-3/4	1/2	3/8	22	Call
C23BG	2300	265	1	208-230/1/60	22-3/4	1/2	3/8	20	Call
CK23AG	2300	265	1	115/1/60	22-3/4	1/2	3/8	22	1103.00
CK23BG	2300	265	1	208-230/1/60	22-3/4	1/2	3/8	22	Call
C30AG	3000	480	2	115/1/60	27-3/4	1/2	3/8	26	Call
C30BG	3000	480	2	208-230/1/60	27-3/4	1/2	3/8	26	Call
CK30AG	3000	480	2	115/1/60	27-3/4	1/2	3/8	27	1526.00
CK30BG	3000	480	2	208-230/1/60	27-3/4	1/2	3/8	27	Call
C43AG	4300	520	2	115/1/60	38	1/2	1/2	40	1652.00
C43BG	4300	520	2	208-230/1/60	38	1/2	1/2	40	Call
CK43AG	4300	520	2	115/1/60	38	1/2	1/2	40	1968.00
CK43BG	4300	520	2	208-230/1/60	38	1/2	1/2	40	Call

REFRIGERATION EQUIPMENT

REACH-IN EVAPORATOR

MULLION, AIR DEFROST



Ideal for under-counter reach-in refrigerators. The thin line design allows the unit to be mounted behind the mullion with sufficient clearance for tray slides. A down flow fan arrangement is used with air drawn in at the top and discharged at the bottom.

- Ideal for bottled goods and beverage coolers
- **Coated coil**
- Capacity at 10°F T.D.
- Height less drain spud: (7/8")

BOHN

Part No.	Capacity (BTUH) +25°F	CFM	Motor Qty.	Voltage	Dimensions (In.) L	W	H	Connections (In.) Suction ODS	Inlet ODS	Ship Wgt. (Lbs.)	Price
KMK13AG	1300	180	2	115/1/60	16-7/8	5-5/8	17-3/4	3/8	3/8	16	1199.00
KMK13BG	1300	180	2	208-230/1/60	16-7/8	5-5/8	17-3/4	3/8	3/8	16	Call
KMK17AG	1700	170	2	115/1/60	16-7/8	5-5/8	19-3/4	3/8	3/8	18	1450.00
KMK17BG	1700	170	2	208-230/1/60	16-7/8	5-5/8	19-3/4	3/8	3/8	18	Call
KMK23AG	2300	255	3	115/1/60	23-1/4	5-5/8	19-3/4	1/2	3/8	23	1735.00
KMK23BG	2300	255	3	208-230/1/60	23-1/4	5-5/8	19-3/4	1/2	3/8	23	Call

REVERSE MULLION, AIR DEFROST

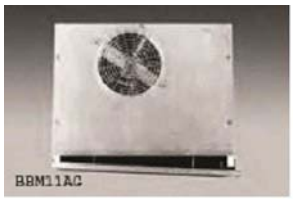
An upflow air pattern is used with air drawn in at the bottom and discharged out at the top. This provides optimum temperature for drop in trays on salad bars or prep tables. An adjustable and detachable air deflector - splash protector is included. The deflector can be adjusted to direct the air up and out at a 45° angle. This feature provides excellent air distribution over drop trays or containers. The deflector can be adjusted to distribute air out both sides when used as a mullion unit.

- **Coated coils**
- Capacity at 10°F T.D.
- Height less drain spud: (7/8")

BOHN

Part No.	Capacity (BTUH) +25°F	CFM	Voltage	Dimensions (In.) L	W	H	Connections (In.) Suction ODS	Inlet ODS	Wgt.(Lbs.)	Price
RAMK13AG	1300	180	115/1/60	16-7/8	5-5/8	17-3/4	3/8	3/8	16	1153.00
RAMK13BG	1300	180	208-230/1/60	16-7/8	5-5/8	17-3/4	3/8	3/8	16	Call
RAMK17AG	1700	170	115/1/60	23-1/4	5-5/8	19-3/4	3/8	3/8	18	1394.00
RAMK17BG	1700	170	208-230/1/60	23-1/4	5-5/8	19-3/4	3/8	3/8	18	Call
RAMK23AG	2300	255	115/1/60	23-1/4	5-5/8	19-3/4	1/2	3/8	22	1668.00
RAMK23BG	2300	255	208-230/1/60	23-1/4	5-5/8	19-3/4	1/2	3/8	23	Call

BACK BAR, AIR DEFROST



- Suitable for under counter reach-in fixtures
- Top discharge with adjustable air deflector
- BBMM master units include TXV, Solenoid, Thermostat
- BBMS slave units include TXV
- BBM are basic units
- Voltage: 115/1/60
- Depth: 5 1/2", height: 14"
- Capacity @ 10°F TD

BOHN

Part No.	Type	Capacity (BTUH) +25°F	CFM	Motor Qty.	Length (In.)	Connections (In.) Suction ODS	Inlet ODS	Ship Wgt. (Lbs.)	Price
BBM11A	Basic	1100	90	1	19-3/4	3/8	1/2	13	1095.00
BBMM11AG	Master	1100	90	1	19-3/4	3/8	1/2	14	Call
BBMS11AG	Slave	1100	90	1	19-3/4	3/8	1/2	16	Call
BBM16AG	Basic	1600	180	2	26-1/4	3/8	1/2	19	Call
BBMM16AG	Master	1600	180	2	26-1/4	3/8	1/2	20	Call
BBMS16AG	Slave	1600	180	2	26-1/4	3/8	1/2	22	Call

REFRIGERATION EQUIPMENT

REACH-IN EVAPORATOR

BACK BAR, ELECTRIC DEFROST



- Master units include TXV, Solenoid, Thermostat
- Slave units include TXV
- Voltage: 115/1/60
- Depth: 5-1/2", height: 14"
- Capacity @ 10°F TD, -10°F SST

BOHN

Part No.	Type	Capacity (BTUH) -10°F	CFM	Motor Qty.	Length (In.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
						Suction ODS	Inlet ODS		
BBL10AG	Basic	1000	90	1	19-3/4	3/8	1/2	16	Call
BBLM10AG	Master	1000	90	1	19-3/4	3/8	1/2	17	Call
BBLS10AG	Slave	1000	90	1	19-3/4	3/8	1/2	14	Call
BBL15AG	Basic	1500	180	2	26-1/4	3/8	1/2	20	Call
BBLM15AG	Master	1500	180	2	26-1/4	3/8	1/2	21	Call
BBLS15AG	Slave	1500	180	2	26-1/4	3/8	1/2	23	Call

TWIN COIL, AIR DEFROST



The twin coil unit cooler is a compact two-way design with medium velocity airflow. The unit is mounted flush to the ceiling and draws air in through the fan and discharges out both sides.

- BTOK units have coated coils
- Capacity @ 10°F T.D

BOHN

Part No.	Capacity (BTUH) +25°F	CFM	Motor Qty.	Voltage	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					L	W	H	Suction IDS	Inlet ODS		
BTO09AG	900	130	1	115/1/60	19-1/8	16-1/8	4-7/8	1/2	1/2	12	Call
BTO09BG	900	130	1	208-230/1/60	19-1/8	16-1/8	4-7/8	1/2	1/2	12	Call
BTOK09AG	900	130	1	115/1/60	19-1/8	16-1/8	4-7/8	1/2	1/2	12	781.57
BTOK09BG	900	130	1	208-230/1/60	19-1/8	16-1/8	4-7/8	1/2	1/2	12	Call
BTO13AG	1300	240	2	115/1/60	19-1/8	16-1/8	5-3/4	1/2	1/2	15	Call
BTO13BG	1300	240	2	208-230/1/60	19-1/8	16-1/8	5-3/4	1/2	1/2	15	902.00
BTOK13AG	1300	240	2	115/1/60	19-1/8	16-1/8	5-3/4	1/2	1/2	15	Call
BTOK13BG	1300	240	2	208-230/1/60	19-1/8	16-1/8	5-3/4	1/2	1/2	15	Call
BTO18AG	1800	255	1	115/1/60	19-1/8	16-1/8	5-3/4	1/2	1/2	16	Call
BTO18BG	1800	255	1	208-230/1/60	19-1/8	16-1/8	5-3/4	1/2	1/2	16	Call
BTOK18AG	1800	255	1	115/1/60	19-1/8	16-1/8	5-3/4	1/2	1/2	16	Call
BTOK18BG	1800	255	1	208-230/1/60	19-1/8	16-1/8	5-3/4	1/2	1/2	16	Call
BTO25AG	2500	460	2	115/1/60	26-1/8	18-1/8	6-3/4	1/2	1/2	23	Call
BTO25BG	2500	460	2	208-230/1/60	26-1/8	18-1/8	6-3/4	1/2	1/2	23	Call
BTOK25AG	2500	460	2	115/1/60	26-1/8	18-1/8	6-3/4	1/2	1/2	23	Call
BTOK25BG	2500	460	2	208-230/1/60	26-1/8	18-1/8	6-3/4	1/2	1/2	23	Call
BTO35AG	3500	425	2	115/1/60	26-1/8	18-1/8	6-3/4	1/2	1/2	25	1610.00
BTO35BG	3500	425	2	208-230/1/60	26-1/8	18-1/8	6-3/4	1/2	1/2	25	Call
BTOK35AG	3500	425	2	115/1/60	26-1/8	18-1/8	6-3/4	1/2	1/2	25	1897.00
BTOK35BG	3500	425	2	208-230/1/60	26-1/8	18-1/8	6-3/4	1/2	1/2	25	Call
BTO45AG	4500	550	2	115/1/60	29-1/8	21-1/8	9-1/4	1/2	1/2	35	2039.00
BTO45BG	4500	550	2	208-230/1/60	29-1/8	21-1/8	9-1/4	1/2	1/2	35	Call
BTOK45AG	4500	550	2	115/1/60	29-1/8	21-1/8	9-1/4	1/2	1/2	35	Call
BTOK45BG	4500	550	2	208-230/1/60	29-1/8	21-1/8	9-1/4	1/2	1/2	35	Call
BTO55AG	5500	730	1	115/1/60	29-1/8	21-1/8	8-1/2	1/2	1/2	35	2589.00
BTO55BG	5500	730	1	208-230/1/60	29-1/8	21-1/8	8-1/2	1/2	1/2	35	Call
BTOK55AG	5500	730	1	115/1/60	29-1/8	21-1/8	8-1/2	1/2	1/2	35	2950.00
BTOK55BG	5500	730	1	208-230/1/60	29-1/8	21-1/8	8-1/2	1/2	1/2	35	Call

REFRIGERATION EQUIPMENT

REACH-IN EVAPORATOR

EXTENDED THIN PROFILE, AIR DEFROST



The Extended Thin Profile unit cooler is the most compact designed unit for reach in display cases. The unit's low height design allows the unit to hide at the top of the cooler, which gives the case a cleaner look and also allows for more storage space. These units have front access end panels for easy access to the refrigerant and electrical compartments, along with modular front access panels that make it easy to access the motors. Internally enhanced tube design produces better unit performance.

BOHN

Part No.	Capacity (BTUH) +25°F	CFM	Number of Motors	Voltage	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					L	W	H	Suction IDS	Inlet ODS		
LTA053AA	5300	850	2	115/1/60	49-3/8	20	10	5/8	1/2	48	Call
LTA053BA	5300	850	2	208-230/1/60	49-3/8	20	10	5/8	1/2	48	Call
LTA079AA	7900	1350	3	115/1/60	69-1/8	20	10	5/8	1/2	69	Call
LTA079BA	7900	1350	3	208-230/1/60	69-1/8	20	10	5/8	1/2	69	Call
LTA102AA	10200	1800	4	115/1/60	88-7/8	20	10	7/8	1/2	85	Call
LTA102BA	10200	1800	4	208-230/1/60	88-7/8	20	10	7/8	1/2	85	Call
LTA134AA	13400	2250	5	115/1/60	108-5/8	20	10	7/8	1/2	108	Call
LTA134BA	13400	2250	5	208-230/1/60	108-5/8	20	10	7/8	1/2	108	Call
LTA172AA	17200	2550	6	115/1/60	128-3/8	20	10	1-1/8	1/2	124	Call
LTA172BA	17200	2550	6	208-230/1/60	128-3/8	20	10	1-1/8	1/2	124	Call

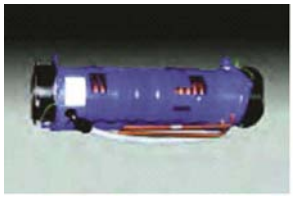
EXTENDED THIN PROFILE, ELECTRIC DEFROST

- Dimensions: Width, 20", Height, 10"

BOHN

Part No.	Capacity (BTUH)		CFM	Number of Motors	Voltage	Heater		Length (In.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
	-20°F	+20°F				Watts	Amps		Suction IDS	Inlet ODS		
LTL046BA	4416	5106	850	2	208-230/1/60	1100	4.8	49-3/8	5/8	1/2	48	Call
LTL068BA	6528	7548	1300	3	208-230/1/60	1650	7.2	69-1/8	5/8	1/2	69	Call
LTL093BA	8928	10323	1700	4	208-230/1/60	2200	9.6	88-7/8	7/8	1/2	85	Call
LTL115BA	11040	12765	2100	5	208-230/1/60	2750	12.0	108-5/8	7/8	1/2	108	Call
LTL133BA	12768	14763	2550	6	208-230/1/60	3300	14.4	128-3/8	1-1/8	1/2	124	Call

COOLTUBE



- Exclusive directional airflow slide rings allow for targeted cooling with a variety of temperatures.
- Meets all health department regulations as well as NSF7.
- Low maintenance design makes Cool Tube easy to install and easy to clean.
- 10 year warranty on materials.
- Capacity rated +25°F, 12°F T.D., 75°F ambient; for applications from +33°F to +40°F

COOLTUBE

Part No.	Capacity (BTUH) +25°F	CFM	Voltage	Length (In.)	Diameter (In.)	Shipping Wgt. (Lbs.)	Price
CT117	1089	170	115/1/60	17	8	17	Call
CT219	1332	340	115/1/60	19	8	19	Call
CT223	1791	235	115/1/60	23	8	21	Call
CT227	1863	340	115/1/60	27	8	23	Call
CT231	1963	340	115/1/60	31	8	25	Call
CT236	2106	340	115/1/60	36	8	27	Call
CT240	2310	470	115/1/60	40	8	29	Call
CT244	2507	470	115/1/60	44	8	31	Call
CT248	2703	470	115/1/60	48	8	33	Call

WALK-IN EVAPORATOR

LOW PROFILE, AIR DEFROST



Features a low 15" profile ideal for low ceilings with limited headroom. ADT's standard features include harness thermally protected motors, balanced fans in individually baffled sections, factory-wired moisture proof electrical harnesses, rustproof hardware, molded fan guards for low static and easy cleaning, and an attractive, light grain patterned aluminum housing. New design allows easy front access to electrical and refrigeration components.

- AK, BK models ship w/ shaded pole motors(SP); AEK, BEK models ship w/ electronically commutated motors(EC)
- Low silhouette, compact
- Removable end panels for installation and service
- Expansion valve mounts inside unit cabinet
- Width: 15" (16 5/8" at refrigerant connections)
- Height: 15" (16" at drain spud)

BOHN

			Motor				Connection (In.)			
Part No.	Capacity (BTUH) +25°F	CFM	Qty.	Type	Voltage	Length (In.)	Suction	Inlet	Ship Wgt. (Lbs.)	Price
ADT040AK	4000	890	1	SP	115/1/60	29.5	5/8	1/2	43	1305.00
ADT040BK	4000	890	1	SP	208-230/1/60	29.5	5/8	1/2	43	Call
ADT052AK	5200	855	1	SP	115/1/60	29.5	5/8	1/2	46	1402.00
ADT052AEK	5200	855	1	EC	115/1/60	29.5	5/8	1/2	46	Call
ADT052BK	5200	855	1	SP	208-230/1/60	29.5	5/8	1/2	46	Call
ADT065AK	6500	825	1	SP	115/1/60	29.5	7/8	1/2	49	1641.00
ADT065AEK	6500	825	1	EC	115/1/60	29.5	7/8	1/2	49	Call
ADT065BK	6500	825	1	SP	208-230/1/60	29.5	7/8	1/2	49	Call
ADT065BEK	6500	825	1	EC	208-230/1/60	29.5	7/8	1/2	49	Call
ADT070AK	7000	1690	2	SP	115/1/60	45.5	7/8	1/2	65	1837.00
ADT070AEK	7000	1690	2	EC	115/1/60	45.5	7/8	1/2	65	Call
ADT070BK	7000	1690	2	SP	208-230/1/60	45.5	7/8	1/2	65	Call
ADT070BEK	7000	1690	2	EC	208-230/1/60	45.5	7/8	1/2	65	Call
ADT090AK	9000	1640	2	SP	115/1/60	45.5	7/8	1/2	68	2168.00
ADT090AEK	9000	1640	2	EC	115/1/60	45.5	7/8	1/2	68	Call
ADT090BK	9000	1640	2	SP	208-230/1/60	45.5	7/8	1/2	68	2203.00
ADT090BEK	9000	1640	2	EC	208-230/1/60	45.5	7/8	1/2	68	Call
ADT104AK	10400	1710	2	SP	115/1/60	45.5	7/8	1/2	69	2338.00
ADT104AEK	10400	1710	2	EC	115/1/60	45.5	7/8	1/2	69	Call
ADT104BK	10400	1710	2	SP	208-230/1/60	45.5	7/8	1/2	69	Call
ADT104BEK	10400	1710	2	EC	208-230/1/60	45.5	7/8	1/2	69	Call
ADT120AK	12000	1300	2	SP	115/1/60	45.5	7/8	1/2	71	2527.00
ADT120AEK	12000	1300	2	EC	115/1/60	45.5	7/8	1/2	71	Call
ADT120BK	12000	1300	2	SP	208-230/1/60	45.5	7/8	1/2	71	Call
ADT120BEK	12000	1300	2	EC	208-230/1/60	45.5	7/8	1/2	71	Call
ADT130AK	13000	1650	2	SP	115/1/60	45.5	7/8	1/2	73	2728.00
ADT130AEK	13000	1650	2	EC	115/1/60	45.5	7/8	1/2	73	Call
ADT130BK	13000	1650	2	SP	208-230/1/60	45.5	7/8	1/2	73	276.00
ADT130BEK	13000	1650	2	EC	208-230/1/60	45.5	7/8	1/2	73	Call
ADT140AK	14000	2100	3	SP	115/1/60	61.5	7/8	1/2	88	2989.00
ADT140AEK	14000	2100	3	EC	115/1/60	61.5	7/8	1/2	88	Call
ADT140BK	14000	2100	3	SP	208-230/1/60	61.5	7/8	1/2	88	3031.00
ADT140BEK	14000	2100	3	EC	208-230/1/60	61.5	7/8	1/2	88	Call
ADT156AK	15600	2565	3	SP	115/1/60	61.5	7/8	1/2	92	3325.00
ADT156AEK	15600	2565	3	EC	115/1/60	61.5	7/8	1/2	92	Call
ADT156BK	15600	2565	3	SP	208-230/1/60	61.5	7/8	1/2	92	Call
ADT156BEK	15600	2565	3	EC	208-230/1/60	61.5	7/8	1/2	92	Call
ADT180AK	18000	1950	3	SP	115/1/60	61.5	7/8	1/2	94	3895.00
ADT180AEK	18000	1950	3	EC	115/1/60	61.5	7/8	1/2	94	Call
ADT180BK	18000	1950	3	SP	208-230/1/60	61.5	7/8	1/2	94	3895.00
ADT180BEK	18000	1950	3	EC	208-230/1/60	61.5	7/8	1/2	94	Call
ADT208AK	20800	3420	4	SP	115/1/60	77.5	1-1/8	1/2	112	4292.00
ADT208AEK	20800	3420	4	EC	115/1/60	77.5	1-1/8	1/2	112	Call
ADT208BK	20800	3420	4	SP	208-230/1/60	77.5	1-1/8	1/2	112	Call
ADT208BEK	20800	3420	4	EC	208-230/1/60	77.5	1-1/8	1/2	112	Call
ADT260AK	26000	4275	5	SP	115/1/60	93.5	1-1/8	1/2	263	5334.00

WALK-IN EVAPORATOR

LOW PROFILE, AIR DEFROST

Part No.	Capacity (BTUH) +25°F	CFM	Motor		Voltage	Length (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
			Qty.	Type			Suction	Inlet		
ADT260AEK	26000	4275	5	EC	115/1/60	93.5	1-1/8	1/2	263	Call
ADT260BK	26000	4275	5	SP	208-230/1/60	93.5	1-1/8	1/2	263	Call
ADT260BEK	26000	4275	5	EC	208-230/1/60	93.5	1-1/8	1/2	263	Call
ADT312AK	31200	5130	6	SP	115/1/60	109.5	1-1/8	1/2	304	6058.00
ADT312AEK	31200	5130	6	EC	115/1/60	109.5	1-1/8	1/2	304	Call
ADT312BK	31200	5130	6	SP	208-230/1/60	109.5	1-1/8	1/2	304	Call
ADT312BEK	31200	5130	6	EC	208-230/1/60	109.5	1-1/8	1/2	304	Call
ADT370AK	37000	4950	6	SP	115/1/60	109.5	1-3/8	5/8	307	7087.00
ADT370AEK	37000	4950	6	EC	115/1/60	109.5	1-3/8	5/8	307	Call
ADT370BK	37000	4950	6	SP	208-230/1/60	109.5	1-3/8	5/8	307	Call
ADT370BEK	37000	4950	6	EC	208-230/1/60	109.5	1-3/8	5/8	307	Call

LET/LLE LINE



Designed to maintain room temperatures from -20°F to +34°F. Their low silhouette and flush-to-ceiling mounting makes them ideal for use in low ceiling freezers or coolers with limited headroom. Use LET (6 FPI) in rooms where light or medium frost loads are expected. Use LLE (4 FPI) in rooms with heavy frost loads.
Height: 15" + drain pan slope and spud, Depth: 12" + fan guard (6"), Capacity @ 10°F T.D.

BOHN

LET LINE LOW PROFILE, ELECTRIC DEFROST, 6 FPI

Part No.	Capacity (BTUH)		CFM	Motor		Voltage	Heater		Length (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
	-20°F	+20°F		Qty.	Type		Watts	Amps		Suction	Inlet		
LET035BEK	3500	4000	700	1	EC	208-230/1/60	900	3.9	29.5	5/8	1/2	39	Call
LET035B	3500	4000	700	1	SP	208-230/1/60	900	3.9	29.5	5/8	1/2	39	2373.00
LET035BEK	3500	4000	700	1	EC	208-230/1/60	900	3.9	29.5	5/8	1/2	39	Call
LET047BK	4700	5400	650	1	SP	208-230/1/60	900	3.9	29.5	5/8	1/2	44	2764.00
LET047BEK	4700	5400	650	1	EC	208-230/1/60	900	3.9	29.5	5/8	1/2	44	Call
LET065BK	6500	7500	1400	2	SP	208-230/1/60	1800	7.8	45.5	5/8	1/2	63	2776.00
LET065BECM	6500	7500	1400	2	EC	208-230/1/60	1800	7.8	45.5	5/8	1/2	63	3845.00
LET065CK	6500	7500	1400	2	SP	208-230/3/60	1800	4.5	45.5	5/8	1/2	63	Call
LET065MK	6500	7500	1400	2	PSC	460/1/60	1800	3.9	45.5	5/8	1/2	63	Call
LET075BK	7500	8600	1300	2	SP	208-230/1/60	1800	7.8	45.5	7/8	1/2	65	3721.00
LET075BECM	7500	8600	1300	2	EC	208-230/1/60	1800	7.8	45.5	7/8	1/2	65	4744.00
LET075CK	7500	8600	1300	2	SP	208-230/3/60	1800	4.5	45.5	7/8	1/2	65	Call
LET090BK	9000	10400	1300	2	SP	208-230/1/60	1800	7.8	45.5	7/8	1/2	68	3948.00
LET090BECM	9000	10400	1300	2	EC	208-230/1/60	1800	7.8	45.5	7/8	1/2	68	4971.00
LET090CK	9000	10400	1300	2	SP	208-230/3/60	1800	4.5	45.5	7/8	1/2	68	Call
LET090MK	9000	10400	1300	2	PSC	460/1/60	1800	3.9	45.5	7/8	1/2	68	Call
LET120BK	12000	13800	2100	3	SP	208-230/1/60	2700	11.7	61.5	7/8	1/2	85	4074.00
LET120BECM	12000	13800	2100	3	EC	208-230/1/60	2700	11.7	61.5	7/8	1/2	85	6132.00
LET120CK	12000	13800	2100	3	SP	208-230/3/60	2700	6.8	61.5	7/8	1/2	85	Call
LET120MK	12000	13800	2100	3	PSC	460/1/60	2700	5.9	61.5	7/8	1/2	85	Call
LET140BK	14000	16100	1950	3	SP	208-230/1/60	2700	11.7	61.5	7/8	1/2	87	5795.00
LET140BEK	14000	16100	1950	3	EC	208-230/1/60	2700	11.7	61.5	7/8	1/2	87	Call
LET140CK	14000	16100	1950	3	SP	208-230/3/60	2700	6.8	61.5	7/8	1/2	87	Call
LET160BK	16000	18400	2600	4	SP	208-230/1/60	3600	15.7	77.5	1-1/8	1/2	111	6808.00
LET160BEK	16000	18400	2600	4	EC	208-230/1/60	3600	15.7	77.5	1-1/8	1/2	111	Call

REFRIGERATION EQUIPMENT

WALK-IN EVAPORATOR

LET LINE LOW PROFILE, ELECTRIC DEFROST, 6 FPI (Contd.)

	Capacity (BTUH)			Motor			Heater			Connection (In.)			
Part No.	-20°F	+20°F	CFM	Qty.	Type	Voltage	Watts	Amps	Length (In.)	Suction	Inlet	Ship Wgt. (Lbs.)	Price
LET160CK	16000	18400	2600	4	SP	208-230/3/60	3600	9	77.5	1-1/8	1/2	111	Call
LET160MK	16000	18400	2600	4	PSC	460/1/60	3600	7.8	77.5	1-1/8	1/2	111	Call
LET180BK	18000	20700	2600	4	SP	208-230/1/60	3600	15.7	77.5	1-1/8	1/2	114	6143.00
LET180BEK	18000	20700	2600	4	EC	208-230/1/60	3600	15.7	77.5	1-1/8	1/2	114	Call
LET180CK	18000	20700	2600	4	SP	208-230/3/60	3600	9	77.5	1-1/8	1/2	114	Call
LET200BK	20000	23000	3250	5	SP	208-230/1/60	4500	19.6	93.5	1-1/8	1/2	261	6917.00
LET200BEK	20000	23000	3250	5	EC	208-230/1/60	4500	19.6	93.5	1-1/8	1/2	261	Call
LET200CK	20000	23000	3250	5	SP	208-230/3/60	4500	11.3	93.5	1-1/8	1/2	261	Call
LET200MK	20000	23000	3250	5	PSC	460/1/60	4500	9.8	93.5	1-1/8	1/2	261	Call
LET240BK	24000	27600	3900	6	SP	208-230/1/60	5400	23.5	109.5	1-1/8	1/2	301	7801.00
LET240BEK	24000	27600	3900	6	EC	208-230/1/60	5400	23.5	109.5	1-1/8	1/2	301	Call
LET240CK	24000	27600	3900	6	SP	208-230/3/60	5400	13.6	109.5	1-1/8	1/2	301	Call
LET240MK	24000	27600	3900	6	PSC	460/1/60	5400	11.7	109.5	1-1/8	1/2	301	Call
LET280BK	28000	32200	3900	6	SP	208-230/1/60	5400	23.5	109.5	1-1/8	1/2	304	Call
LET280BEK	28000	32200	3900	6	EC	208-230/1/60	5400	23.5	109.5	1-1/8	1/2	304	Call
LET280CK	28000	32200	3900	6	SP	208-230/3/60	5400	13.6	109.5	1-1/8	1/2	304	Call
LET280MK	28000	32200	3900	6	PSC	460/1/60	5400	11.7	109.5	1-1/8	1/2	304	Call

LLE LINE LOW PROFILE, ELECTRIC DEFROST, 4 FPI

BOHN

	Capacity (BTUH)			Motor			Heater			Connections (In.)			
Part No.	-20°F	+20°F	CFM	Qty.	Type	Voltage	Watts	Amps	Length (In.)	Suction	Inlet	Ship Wgt. (Lbs.)	Price
LLE041BK	4100	4700	690	1	SP	208-230/1/60	900	3.9	29.5	5/8	1/2	43	Call
LLE041BEK	4100	4700	690	1	EC	208-230/1/60	900	3.9	29.5	5/8	1/2	43	Call
LLE068BK	6800	7800	1380	2	SP	208-230/1/60	1800	7.8	45.5	7/8	1/2	64	Call
LLE068BEK	6800	7800	1380	2	EC	208-230/1/60	1800	7.8	45.5	7/8	1/2	64	Call
LLE080BK	8000	9200	1380	2	SP	208-230/1/60	1800	7.8	45.5	7/8	1/2	67	Call
LLE080BEK	8000	9200	1380	2	EC	208-230/1/60	1800	7.8	45.5	7/8	1/2	67	Call
LLE080CK	8000	9200	1380	2	SP	208-230/3/60	1800	4.5	45.5	7/8	1/2	67	Call
LLE080MK	8000	9200	1380	2	PSC	460/1/60	1800	3.9	45.5	7/8	1/2	67	Call
LLE102BK	10200	11700	2170	3	SP	208-230/1/60	2700	11.7	61.5	7/8	1/2	84	Call
LLE102BEK	10200	11700	2170	3	EC	208-230/1/60	2700	11.7	61.5	7/8	1/2	84	Call
LLE102CK	10200	11700	2170	3	SP	208-230/3/60	2700	6.8	61.5	7/8	1/2	84	Call
LLE102MK	10200	11700	2170	3	PSC	460/1/60	2700	5.9	61.5	7/8	1/2	84	Call
LLE136BK	13600	15700	2760	4	SP	208-230/1/60	3600	15.7	77.5	1-1/8	1/2	110	Call
LLE136BEK	13600	15700	2760	4	EC	208-230/1/60	3600	15.7	77.5	1-1/8	1/2	110	Call
LLE136CK	13600	15700	2760	4	SP	208-230/3/60	3600	9	77.5	1-1/8	1/2	110	Call
LLE136MK	13600	15700	2760	4	PSC	460/1/60	3600	7.8	77.5	1-1/8	1/2	110	Call
LLE170BK	17000	19600	3450	5	SP	208-230/1/60	4500	19.6	93.5	1-1/8	1/2	260	Call
LLE170BEK	17000	19600	3450	5	EC	208-230/1/60	4500	19.6	93.5	1-1/8	1/2	260	Call
LLE170CK	17000	19600	3450	5	SP	208-230/3/60	4500	11.3	93.5	1-1/8	1/2	260	Call
LLE170MK	17000	19600	3450	5	PSC	460/1/60	4500	9.8	93.5	1-1/8	1/2	260	Call
LLE204BK	20400	23500	4140	6	SP	208-230/1/60	5400	23.5	109.5	1-1/8	1/2	300	Call
LLE204BEK	20400	23500	4140	6	EC	208-230/1/60	5400	23.5	109.5	1-1/8	1/2	300	Call
LLE204CK	20400	23500	4140	6	SP	208-230/3/60	5400	13.6	109.5	1-1/8	1/2	300	Call
LLE204MK	20400	23500	4140	6	PSC	460/1/60	5400	11.7	109.5	1-1/8	1/2	300	Call
LLE235BK	23500	27000	4140	6	SP	208-230/1/60	5400	23.5	109.5	1-1/8	1/2	303	Call
LLE235BEK	23500	27000	4140	6	EC	208-230/1/60	5400	23.5	109.5	1-1/8	1/2	303	Call
LLE235CK	23500	27000	4140	6	SP	208-230/3/60	5400	13.6	109.5	1-1/8	1/2	303	Call
LLE235MK	23500	27000	4140	6	PSC	460/1/60	5400	11.7	109.5	1-1/8	1/2	303	Call

REFRIGERATION EQUIPMENT

WALK-IN EVAPORATOR

HGT LINE



Designed to maintain from -20°F to +34°F room temperatures. Three-pipe defrost or reverse cycle designed systems may be used with this versatile low profile coil. Standard features of the Trim-Aire™ hot gas defrost coil include removable end panels for easy installation and service, full air baffles between fans for maximum air flow, and a heavy patterned aluminum casing for appearance and corrosion resistance. New design allows easy front access to electrical and refrigeration components. More volume in electrical cavity for component installation.

- Height: 15" + drain pan slope and spud
- Depth: 12" + fan guard (6")
- Capacity @ 10°F T.D.

HGT LINE LOW PROFILE, HOT GAS DEFROST, 6 FPI

BOHN

	Capacity (BTUH)					Pan Heater[1]			Connections (In.)			
Part No.	-20°F	+20°F	CFM	Motor Qty.	Voltage	Watts	Amps	Length (In.)	Suction	Inlet	Ship Wgt. (Lbs.)	Price
HGT035AK	3500	4000	700	1	115/1/60	300	2.6	29.5	5/8	5/8	41	Call
HGT035BK	3500	4000	700	1	208-230/1/60	300	1.3	29.5	5/8	5/8	41	Call
HGT040AK	4000	4600	700	1	115/1/60	300	2.6	29.5	5/8	5/8	43	Call
HGT040BK	4000	4600	700	1	208-230/1/60	300	1.3	29.5	5/8	5/8	43	Call
HGT047AK	4700	5400	650	1	115/1/60	300	2.6	29.5	5/8	5/8	46	Call
HGT047BK	4700	5400	650	1	208-230/1/60	300	1.3	29.5	5/8	5/8	46	Call
HGT065AK	6500	7500	1400	2	115/1/60	600	5.2	45.5	5/8	5/8	65	Call
HGT065BK	6500	7500	1400	2	208-230/1/60	600	2.6	45.5	5/8	5/8	65	Call
HGT075AK	7500	8600	1300	2	115/1/60	600	5.2	45.5	5/8	5/8	67	Call
HGT075BK	7500	8600	1300	2	208-230/1/60	600	2.6	45.5	5/8	5/8	67	Call
HGT090AK	9000	10400	1300	2	115/1/60	600	5.2	45.5	7/8	5/8	70	Call
HGT090BK	9000	10400	1300	2	208-230/1/60	600	2.6	45.5	7/8	5/8	70	Call
HGT120AK	12000	13800	2100	3	115/1/60	900	7.8	61.5	7/8	7/8	87	Call
HGT120BK	12000	13800	2100	3	208-230/1/60	900	3.9	61.5	7/8	7/8	87	Call
HGT140AK	14000	16100	1950	3	115/1/60	900	7.8	61.5	7/8	7/8	89	Call
HGT140BK	14000	16100	1950	3	208-230/1/60	900	3.9	61.5	7/8	7/8	89	Call
HGT160AK	16000	18400	2600	4	115/1/60	1200	10.4	77.5	1-1/8	7/8	113	Call
HGT160BK	16000	18400	2600	4	208-230/1/60	1200	5.2	77.5	1-1/8	7/8	113	Call
HGT180AK	18000	20700	2600	4	115/1/60	1200	10.4	77.5	1-1/8	1-1/8	116	Call
HGT180BK	18000	20700	2600	4	208-230/1/60	1200	5.2	77.5	1-1/8	1-1/8	116	Call
HGT200AK	20000	23000	3250	5	115/1/60	1500	13	93.5	1-1/8	1-1/8	263	Call
HGT200BK	20000	23000	3250	5	208-230/1/60	1500	6.5	93.5	1-1/8	1-1/8	263	Call
HGT240AK	24000	27600	3900	6	115/1/60	1800	15.7	109.5	1-1/8	1-1/8	303	Call
HGT240BK	24000	27600	3900	6	208-230/1/60	1800	7.8	109.5	1-1/8	1-1/8	303	Call
HGT280AK	28000	32200	3900	6	115/1/60	1800	15.7	109.5	1-1/8	1-1/8	306	Call
HGT280BK	28000	32200	3900	6	208-230/1/60	1800	7.8	109.5	1-1/8	1-1/8	306	Call

[1]electric pan heater optional.

REFRIGERATION EQUIPMENT

WALK-IN EVAPORATOR

HGT LINE LOW PROFILE, HOT GAS DEFROST, 4 FPI

Part No.	Capacity (BTUH) -20°F	Capacity (BTUH) +20°F	CFM	Motor Qty.	Voltage	Pan Heater[1] Watts	Pan Heater[1] Amps	Length (In.)	Connections (In.) Suction	Connections (In.) Inlet	Ship Wgt. (Lbs.)	Price
HGT041AK	4100	4700	690	1	115/1/60	300	2.6	29.5	5/8	5/8	45	Call
HGT041BK	4100	4700	690	1	208-230/1/60	300	1.3	29.5	5/8	5/8	45	Call
HGT068AK	6800	7800	1380	2	115/1/60	600	5.2	45.5	7/8	5/8	66	Call
HGT068BK	6800	7800	1380	2	208-230/1/60	600	2.6	45.5	7/8	5/8	66	Call
HGT080AK	8000	9200	1380	2	115/1/60	600	5.2	45.5	7/8	5/8	69	Call
HGT080BK	8000	9200	1380	2	208-230/1/60	600	2.6	45.5	7/8	5/8	69	Call
HGT102AK	10200	11700	2170	3	115/1/60	900	7.8	61.5	7/8	5/8	86	Call
HGT102BK	10200	11700	2170	3	208-230/1/60	900	3.9	61.5	7/8	5/8	86	Call
HGT136AK	13600	15700	2760	4	115/1/60	1200	10.4	77.5	1-1/8	7/8	112	Call
HGT136BK	13600	15700	2760	4	208-230/1/60	1200	5.2	77.5	1-1/8	7/8	112	Call
HGT170AK	17000	19600	3450	5	115/1/60	1500	13	93.5	1-1/8	7/8	262	Call
HGT170BK	17000	19600	3450	5	208-230/1/60	1500	6.5	93.5	1-1/8	7/8	262	Call
HGT204AK	20400	23500	4140	6	115/1/60	1800	15.7	109.5	1-1/8	7/8	302	Call
HGT204BK	20400	23500	4140	6	208-230/1/60	1800	7.8	109.5	1-1/8	7/8	302	Call
HGT235AK	23500	27000	4140	6	115/1/60	1800	15.7	109.5	1-1/8	1-1/8	305	Call
HGT235BK	23500	27000	4140	6	208-230/1/60	1800	7.8	109.5	1-1/8	1-1/8	305	Call

[1]electric pan heater optional.

LO LINE



The LO series has very low face velocity and air movement, and is perfectly suited for meat storage and cutting rooms, floral boxes, vegetable and fruit storage rooms, dough retarding storage, and other similar applications where freshness is of prime importance, and high humidity, low air flow and low noise are needed.

- Each unit has 2 motors
- Capacity @ 10°F T.D.

LO LINE LOW VELOCITY, AIR DEFROST

Part No.	Capacity (BTUH) +25°F	CFM	Voltage	Dimensions (In.) L	Dimensions (In.) W	Dimensions (In.) H	Connections (In.) Suction	Connections (In.) Inlet	Ship Wgt. (Lbs.)	Price
LO070AE	7000	1200	115/1/60	83	23-1/4	14	7/8	1/2	231	3335.00
LO070BE	7000	1200	208-230/1/60	83	23-1/4	14	7/8	1/2	231	Call
LO087AE	8700	1200	115/1/60	83	23-1/4	14	7/8	1/2	256	Call
LO087BE	8700	1200	208-230/1/60	83	23-1/4	14	7/8	1/2	256	Call
LO118AE	11800	1300	115/1/60	111	23-1/4	14-1/2	7/8	1/2	340	Call
LO118BE	11800	1300	208-230/1/60	111	23-1/4	14-1/2	7/8	1/2	340	Call
LO125AE	12500	1300	115/1/60	111	23-1/4	14-1/2	7/8	1/2	342	Call
LO125BE	12500	1300	208-230/1/60	111	23-1/4	14-1/2	7/8	1/2	342	Call
LO150AE	15000	1900	115/1/60	114	23-1/4	16	1 1/8	1/2	312	Call
LO150BE	15000	1900	208-230/1/60	114	23-1/4	16	1 1/8	1/2	312	Call
LO165AE	16500	1900	115/1/60	114	23-1/4	16	1 1/8	1/2	330	Call
LO165BE	16500	1900	208-230/1/60	114	23-1/4	16	1 1/8	1/2	330	Call
LO189AE	18900	2400	115/1/60	134	23-1/4	16-1/2	1 1/8	1/2	388	Call
LO189BE	18900	2400	208-230/1/60	134	23-1/4	16-1/2	1 1/8	1/2	388	Call
LO225AE	22500	2700	115/1/60	153	23-1/4	16-1/2	1 1/8	1/2	450	Call
LO225BE	22500	2700	208-230/1/60	153	23-1/4	16-1/2	1 1/8	1/2	450	Call
LO266AE	26600	3200	115/1/60	158	28-1/4	20	1 3/8	1/2	477	Call
LO266BE	26600	3200	208-230/1/60	158	28-1/4	20	1 3/8	1/2	477	Call

WALK-IN EVAPORATOR

LOD LINE LOW VELOCITY, ELECTRIC DEFROST

Part No.	Capacity (BTUH) +25°F	CFM	Heater Amps	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
				L	W	H	Suction	Inlet		
LOD070BE	7000	1200	11.50	83	23-1/4	14	7/8	1/2	250	Call
LOD087BE	8700	1020	11.50	83	23-1/4	14	7/8	1/2	260	Call
LOD118BE	11800	1400	16.70	111	23-1/4	14-1/2	7/8	1/2	290	Call
LOD125BE	12500	1350	16.70	111	23-1/4	14-1/2	7/8	1/2	310	Call
LOD150BE	15000	1750	16.70	114	23-1/4	16	1-1/8	1/2	320	Call
LOD165BE	16500	1650	16.70	114	23-1/4	16	1-1/8	1/2	330	Call
LOD189BE	18900	2200	20.70	134	23-1/4	16-1/2	1-1/8	1/2	400	Call
LOD225BE	22500	2700	24.80	153	23-1/4	16-1/2	1-1/8	1/2	450	Call

LOG LINE LOW VELOCITY, HOT GAS DEFROST

Part No.	Capacity (BTUH) +25°F	CFM	Voltage	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
				L	W	H	Suction	Inlet		
LOG070AE	7000	1200	115/1/60	83	23-1/4	14	7/8	1/2	250	Call
LOG070BE	7000	1200	208-230/1/60	83	23-1/4	14	7/8	1/2	250	Call
LOG087AE	8700	1200	115/1/60	83	23-1/4	14	7/8	1/2	260	Call
LOG087BE	8700	1200	208-230/1/60	83	23-1/4	14	7/8	1/2	260	Call
LOG118AE	11800	1300	115/1/60	111	23-1/4	14-1/2	7/8	1/2	290	Call
LOG118BE	11800	1300	208-230/1/60	111	23-1/4	14-1/2	7/8	1/2	290	Call
LOG125AE	12500	1300	115/1/60	111	23-1/4	14-1/2	7/8	1/2	318	Call
LOG125BE	12500	1300	208-230/1/60	111	23-1/4	14-1/2	7/8	1/2	318	Call
LOG150AE	15000	1900	115/1/60	114	23-1/4	16	1-1/8	1/2	320	Call
LOG150BE	15000	1900	208-230/1/60	114	23-1/4	16	1-1/8	1/2	320	Call
LOG165AE	16500	1900	115/1/60	114	23-1/4	16	1-1/8	1/2	330	Call
LOG165BE	16500	1900	208-230/1/60	114	23-1/4	16	1-1/8	1/2	330	Call
LOG189AE	18900	2400	115/1/60	134	23-1/4	16-1/2	1-1/8	1/2	400	Call
LOG189BE	18900	2400	208-230/1/60	134	23-1/4	16-1/2	1-1/8	1/2	400	Call
LOG225AE	22500	2700	115/1/60	153	23-1/4	16-1/2	1-1/8	1/2	450	Call
LOG225BE	22500	2700	208-230/1/60	153	23-1/4	16-1/2	1-1/8	1/2	450	Call
LOG266AE	26600	3200	115/1/60	158	23-1/4	20	1-3/8	1-1/8	480	Call
LOG266BE	26600	3200	208-230/1/60	158	23-1/4	20	1-3/8	1-1/8	480	Call

REFRIGERATION EQUIPMENT

WALK-IN EVAPORATOR

SM LINE



The low height gives more head room and allows product to be stacked higher. The center ceiling mount with dual air flow allows shelving and storage of product around walls. Equipped with dual drain pans to prevent sweating.

- Height: 8 5/8"
- Depth: 28 13/16"
- Capacity @ 10°F TD, +20°F SST

SPACEMIZER™, AIR DEFROST

BOHN

Part No.	Capacity (BTUH) +25°F	CFM	Voltage	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
				L	W	H	Suction	Inlet		
SM052AE	5200	610	115/1/60	31-1/2	28-13/16	8 5/8	7/8	1/2	120	2577.00
SM052BE	5200	610	208-230/1/60	31-1/2	28-13/16	8 5/8	7/8	1/2	120	Call
SM076AE	7600	1300	115/1/60	53-1/2	28-13/16	8 5/8	7/8	1/2	142	3582.00
SM076BE	7600	1300	208-230/1/60	53-1/2	28-13/16	8 5/8	7/8	1/2	142	Call
SM090AE	9000	1260	115/1/60	53-1/2	28-13/16	8 5/8	7/8	1/2	144	3897.00
SM090BE	9000	1260	208-230/1/60	53-1/2	28-13/16	8 5/8	7/8	1/2	144	Call
SM102AE	10200	1200	115/1/60	53-1/2	28-13/16	8 5/8	7/8	1/2	146	4194.00
SM102BE	10200	1200	208-230/1/60	53-1/2	28-13/16	8 5/8	7/8	1/2	146	Call
SM108AE	10800	1950	115/1/60	75-1/2	28-13/16	8 5/8	7/8	1/2	188	3194.00
SM108BE	10800	1950	208-230/1/60	75-1/2	28-13/16	8 5/8	7/8	1/2	188	Call
SM134AE	13400	1900	115/1/60	75-1/2	28-13/16	8 5/8	7/8	1/2	200	5381.00
SM134BE	13400	1900	208-230/1/60	75-1/2	28-13/16	8 5/8	7/8	1/2	200	Call
SM156AE	15600	1830	115/1/60	75-1/2	28-13/16	8 5/8	7/8	1/2	200	4155.00
SM156BE	15600	1830	208-230/1/60	75-1/2	28-13/16	8 5/8	7/8	1/2	200	Call
SM179AE	17900	2520	115/1/60	97-1/2	28-13/16	8 5/8	1-1/8	1/2	230	6838.00
SM179BE	17900	2520	208-230/1/60	97-1/2	28-13/16	8 5/8	1-1/8	1/2	230	Call
SM208AE	20800	2440	115/1/60	97-1/2	28-13/16	8 5/8	1-1/8	1/2	248	5148.00
SM208BE	20800	2440	208-230/1/60	97-1/2	28-13/16	8 5/8	1-1/8	1/2	248	Call
SM249AE	24900	3050	115/1/60	119-1/2	28-13/16	8 5/8	1-1/8	1/2	290	Call
SM249BE	24900	3050	208-230/1/60	119-1/2	28-13/16	8 5/8	1-1/8	1/2	290	Call

SME LINE SPACEMIZER™, ELECTRIC DEFROST

BOHN

Part No.	Capacity (BTUH) -20°F	CFM	Motor Qty.	Heater Amps	Voltage	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
						L	W	H	Suction	Inlet		
SME040BE	4000	610	1	5.30	208-230/1/60	31-1/2	28-13/16	8-5/8	7/8	1/2	116	Call
SME054BE	5400	1300	2	8.70	208-230/1/60	53-1/2	28-13/16	8-5/8	7/8	1/2	144	Call
SME065BE	6500	1260	2	8.70	208-230/1/60	53-1/2	28-13/16	8-5/8	7/8	1/2	156	Call
SME090BE	9000	1950	3	10.50	208-230/1/60	75-1/2	28-13/16	8-5/8	7/8	1/2	190	Call
SME130BE	13000	1830	3	15.70	208-230/1/60	75-1/2	28-13/16	8-5/8	7/8	1/2	198	6599.00
SME174BE	17400	2440	4	20.90	208-230/1/60	97-1/2	28-13/16	8-5/8	1-1/8	1/2	249	8578.00

REFRIGERATION EQUIPMENT

WALK-IN EVAPORATOR

WK LINE



Ideal for floral storage, fresh fruit and vegetables, dough retarding, fresh meat storage and preparations, and many other applications. The low air flow and quiet fans are classically suited for work room applications. The generous coil surface combined with close T.D. system balance provides high humidity characteristics to minimize product shrinkage and drying.

- WK Capacity @ 10°F T.D. Suitable for applications +35°F to +55°F
- WKE, WKG Capacity @10°F T.D. +25°F SST. Suitable for applications +24°F to +34°F
- Width: 26 5/8"

WK LINE LOW VELOCITY, LOW PROFILE, AIR DEFROST

Part No.	Capacity (BTUH) +25°F	CFM	Motor Qty.	Voltage	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					L	W	H	Suction	Inlet		
WK050AC	5000	725	1	115/1/60	53-1/2	26-5/8	8-7/8	7/8	1/2	144	3725.00
WK050BC	5000	725	1	208-230/1/60	53-1/2	26-5/8	8-7/8	7/8	1/2	144	Call
WK075AC	7500	730	1	115/1/60	75-1/2	26-5/8	8-7/8	7/8	1/2	182	4281.00
WK075BC	7500	730	1	208-230/1/60	75-1/2	26-5/8	8-7/8	7/8	1/2	182	Call
WK100AC	10000	1450	2	115/1/60	75-1/2	26-5/8	11-3/8	7/8	1/2	208	5411.00
WK100BC	10000	1450	2	208-230/1/60	75-1/2	26-5/8	11-3/8	7/8	1/2	208	5665.00
WK130AC	13000	1470	2	115/1/60	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	234	6237.00
WK130BC	13000	1470	2	208-230/1/60	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	234	Call
WK155AC	15500	1460	2	115/1/60	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	246	6919.00
WK155BC	15500	1460	2	208-230/1/60	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	246	Call
WK180AC	18000	2130	3	115/1/60	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	246	Call
WK180BC	18000	2130	3	208-230/1/60	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	246	Call
WK210A	21000	2840	4	115/1/60	97-1/2	26-5/8	15-1/8	1-1/8	1-1/8	306	9865.00
WK210BC	21000	2840	4	208-230/1/60	97-1/2	26-5/8	15-1/8	1-1/8	1-1/8	306	Call
WK270AC	27000	2800	4	115/1/60	97-1/2	26-5/8	15-1/8	1-3/8	1-1/8	321	10723.00
WK270BC	27000	2800	4	208-230/1/60	97-1/2	26-5/8	15-1/8	1-3/8	1-1/8	321	Call
WK340AC	34000	3500	5	115/1/60	119-1/2	26-5/8	15-1/8	1-3/8	1-1/8	377	Call
WK340BC	34000	3500	5	208-230/1/60	119-1/2	26-5/8	15-1/8	1-3/8	1-1/8	377	Call

WKE LINE LOW VELOCITY, LOW PROFILE, ELECTRIC DEFROST

Part No.	Capacity (BTUH) +25°F	CFM	Motor Qty.	Heater Amps	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					L	W	H	Suction	Inlet		
WKE050BC	5000	725	1	8.70	53-1/2	26-5/8	8-7/8	7/8	1/2	148	Call
WKE100BC	10000	1450	2	12.20	75-1/2	26-5/8	11-3/8	7/8	1/2	216	6225.00
WKE130BC	13000	1470	2	17.40	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	247	Call
WKE155BC	15500	1460	2	17.40	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	243	Call
WKE180BC	18000	2130	3	17.40	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	255	Call
WKE210BC	21000	2840	4	22.60	97-1/2	26-5/8	15-1/8	1-1/8	1-1/8	310	Call
WKE270BC	27000	2800	4	22.60	97-1/2	26-5/8	15-1/8	1-3/8	1-3/8	316	Call
WKE340BC	34000	3500	5	30.40	119-1/2	26-5/8	15-1/8	1-3/8	1-3/8	394	Call

REFRIGERATION EQUIPMENT

WALK-IN EVAPORATOR

WKG LINE LOW VELOCITY, LOW PROFILE, HOT GAS DEFROST

Part No.	Capacity (BTUH) +25°F	CFM	Motor Qty.	Voltage	Dimensions (In.)			Connections (In.)		Ship Wgt. (Lbs.)	Price
					L	W	H	Suction	Inlet		
WKG100AC	10000	1450	2	115/1/60	75-1/2	26-5/8	11-3/8	7/8	1/2	214	Call
WKG100BC	10000	1450	2	208-230/1/60	75-1/2	26-5/8	11-3/8	7/8	1/2	214	Call
WKG130AC	13000	1470	2	115/1/60	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	240	Call
WKG130BC	13000	1470	2	208-230/1/60	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	240	Call
WKG155AC	15500	1460	2	115/1/60	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	255	Call
WKG155BC	15500	1460	2	208-230/1/60	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	255	Call
WKG180AC	18000	2130	3	115/1/60	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	258	Call
WKG180BC	18000	2130	3	208-230/1/60	75-1/2	26-5/8	15-1/8	1-1/8	1-1/8	258	Call
WKG210AC	21000	2840	4	115/1/60	97-1/2	26-5/8	15-1/8	1-1/8	1-1/8	315	Call
WKG210BC	21000	2840	4	208-230/1/60	97-1/2	26-5/8	15-1/8	1-1/8	1-1/8	315	Call
WKG270AC	27000	2800	4	115/1/60	97-1/2	26-5/8	15-1/8	1-3/8	1-1/8	335	Call
WKG270BC	27000	2800	4	208-230/1/60	97-1/2	26-5/8	15-1/8	1-3/8	1-1/8	335	Call
WKG340AC	34000	3500	5	115/1/60	119-1/2	26-5/8	15-1/8	1-3/8	1-1/8	390	Call
WKG340BC	34000	3500	5	208-230/1/60	119-1/2	26-5/8	15-1/8	1-3/8	1-1/8	390	Call

REFRIGERATION EQUIPMENT

WALK-IN EVAPORATOR

BM LINE



Designed with superior quality and for dependable performance. Thermo-Flex™ coil design carries a five-year limited guarantee against refrigerant leaks. Internal grooved tubing provides greater heat transfer efficiency.
Width: 22 7/8", Height: 25", Capacity @ 10°F T.D

BMA LINE MEDIUM PROFILE, AIR DEFROST

Part No.	Capacity (BTUH) +25°F	CFM	Motor Qty.	Voltage	Length (In.)	Connections (In.) Suction	Connections (In.) Inlet	Ship Wgt (Lbs.)	Price
BMA130AA	13000	2300	1	115/1/60	39-3/10	7/8	1/2	137	Call
BMA130BA	13000	2300	1	208-230/1/60	39-3/10	7/8	1/2	137	Call
BMA130MA	13000	2300	1	460/1/60	39-3/10	7/8	1/2	137	Call
BMA155AA	15500	2200	1	115/1/60	39-3/10	1-1/8	1/2	147	Call
BMA155BA	15500	2200	1	208-230/1/60	39-3/10	1-1/8	1/2	147	Call
BMA155MA	15500	2200	1	460/1/60	39-3/10	1-1/8	1/2	147	Call
BMA245AA	24500	4600	2	115/1/60	67-3/10	1-1/8	7/8	236	5986.00
BMA245BA	24500	4600	2	208-230/1/60	67-3/10	1-1/8	7/8	236	Call
BMA245MA	24500	4600	2	460/1/60	67-3/10	1-1/8	7/8	236	Call
BMA300AA	30000	4400	2	115/1/60	67-3/10	1-1/8	7/8	256	Call
BMA300BA	30000	4400	2	208-230/1/60	67-3/10	1-1/8	7/8	256	Call
BMA300MA	30000	4400	2	460/1/60	67-3/10	1-1/8	7/8	256	Call
BMA365AA	36500	6900	3	115/1/60	95-3/10	1-3/8	7/8	321	Call
BMA365BA	36500	6900	3	208-230/1/60	95-3/10	1-3/8	7/8	321	Call
BMA365MA	36500	6900	3	460/1/60	95-3/10	1-3/8	7/8	321	Call
BMA450BA	45000	6900	3	208-230/1/60	95-3/10	1-3/8	1-1/8	330	Call
BMA450MA	45000	6900	3	460/1/60	95-3/10	1-3/8	1-1/8	330	Call
BMA510AA	51000	9200	4	115/1/60	123-3/10	1-5/8	1-1/8	400	Call
BMA510BA	51000	9200	4	208-230/1/60	123-3/10	1-5/8	1-1/8	400	Call
BMA510MA	51000	9200	4	460/1/60	123-3/10	1-5/8	1-1/8	400	Call
BMA600AA	60000	8800	4	115/1/60	123-3/10	1-5/8	1-1/8	418	Call
BMA600BA	60000	8800	4	208-230/1/60	123-3/10	1-5/8	1-1/8	418	Call
BMA600MA	60000	8800	4	460/1/60	123-3/10	1-5/8	1-1/8	418	Call
BMA710BA	71000	10500	5	208-230/1/60	138-4/5	1-5/8	1-1/8	478	Call

BME LINE MEDIUM PROFILE, ELECTRIC DEFROST, 6 FPI

Part No.	Capacity (BTUH) -20°F	CFM	Motor Qty.	Voltage	Heater Amps	Length (In.)	Connections (In.) Suction	Connections (In.) Inlet	Ship Wgt (Lbs.)	Price
BME101BA	10100	2350	1	208-230/1/60	11.90	39-3/10	7/8	1/2	153	Call
BME101CA	10100	2350	1	208-230/3/60	8.20	39-3/10	7/8	1/2	153	Call
BME101DA	10100	2350	1	460/3/60	4.10	39-3/10	7/8	1/2	153	Call
BME101MA	10100	2350	1	460/1/60	5.90	39-3/10	7/8	1/2	153	Call
BME140BA	14000	2350	1	208-230/1/60	11.90	39-3/10	7/8	1/2	163	Call
BME140CA	14000	2350	1	208-230/3/60	8.20	39-3/10	7/8	1/2	163	Call
BME140DA	14000	2350	1	460/3/60	4.10	39-3/10	7/8	1/2	163	Call
BME140MA	14000	2350	1	460/1/60	5.90	39-3/10	7/8	1/2	163	Call
BME190BA	19000	4700	2	208-230/1/60	23.30	67-3/10	1-1/8	7/8	232	8213.00
BME190CA	19000	4700	2	208-230/3/60	16.00	67-3/10	1-1/8	7/8	232	Call
BME190DA	19000	4700	2	460/3/60	8.30	67-3/10	1-1/8	7/8	232	Call
BME190MA	19000	4700	2	460/1/60	11.60	67-3/10	1-1/8	7/8	232	Call

WALK-IN EVAPORATOR

BME LINE MEDIUM PROFILE, ELECTRIC DEFROST, 6 FPI (Contd.)

Part No.	Capacity (BTUH) -20°F	CFM	Motor Qty.	Voltage	Heater Amps	Length (In.)	Connections (In.) Suction	Connections (In.) Inlet	Ship Wgt (Lbs.)	Price
BME260BA	26000	4500	2	208-230/1/60	23.30	67-3/10	1-3/8	1-1/8	284	Call
BME260CA	26000	4500	2	208-230/3/60	16.00	67-3/10	1-3/8	1-1/8	284	Call
BME260DA	26000	4500	2	460/3/60	8.30	67-3/10	1-3/8	1-1/8	284	Call
BME260MA	26000	4500	2	460/1/60	4.60	67-3/10	1-3/8	1-1/8	284	Call
BME310BA	31000	7050	3	208-230/1/60	33.70	95-3/10	1-3/8	1-1/8	332	12198.00
BME310CA	31000	7050	3	208-230/3/60	23.20	95-3/10	1-3/8	1-1/8	332	12198.00
BME310DA	31000	7050	3	460/3/60	12.00	95-3/10	1-3/8	1-1/8	332	Call
BME310MA	31000	7050	3	460/1/60	16.80	95-3/10	1-3/8	1-1/8	332	Call
BME390BA	39000	6750	3	208-230/1/60	33.70	95-3/10	1-3/8	1-1/8	346	9882.00
BME390CA	39000	6750	3	208-230/3/60	23.20	95-3/10	1-3/8	1-1/8	346	14529.00
BME390DA	39000	6750	3	460/3/60	12.00	95-3/10	1-3/8	1-1/8	346	Call
BME390MA	39000	6750	3	460/1/60	16.80	95-3/10	1-3/8	1-1/8	346	Call
BME430CA	43000	8800	4	208-230/3/60	30.50	123-3/10	1-5/8	1-1/8	424	Call
BME430DA	43000	8800	4	460/3/60	15.80	123-3/10	1-5/8	1-1/8	424	Call
BME430MA	43000	8800	4	460/1/60	22.20	123-3/10	1-5/8	1-1/8	424	Call
BME520CA	52000	8400	4	208-230/3/60	30.50	123-3/10	1-5/8	1-1/8	439	Call
BME520DA	52000	8400	4	460/3/60	15.80	123-3/10	1-5/8	1-1/8	439	Call
BME520MA	52000	8400	4	460/1/60	22.20	123-3/10	1-5/8	1-1/8	439	Call
BME620CA	62000	10000	5	208-230/3/60	34.70	138-4/5	1-5/8	1-1/8	518	Call
BME620DA	62000	10000	5	460/3/60	18.10	138-4/5	1-5/8	1-1/8	518	Call
BME620MA	62000	10000	5	460/1/60	25.20	138-4/5	1-5/8	1-1/8	518	Call

WALK-IN EVAPORATOR

BML LINE MEDIUM PROFILE, ELECTRIC DEFROST, 4 FPI

Part No.	Capacity (BTUH) -20°F	CFM	Motor Qty.	Voltage	Heater Amps	Length (In.)	Connections (In.)		Ship Wgt (Lbs.)	Price
							Suction	Inlet		
BML100BA	10000	2350	1	208-230/1/60	11.90	39-3/10	7/8	1/2	171	Call
BML100CA	10000	2350	1	208-230/3/60	8.20	39-3/10	7/8	1/2	171	Call
BML100DA	10000	2350	1	460/3/60	4.10	39-3/10	7/8	1/2	171	Call
BML100MA	10000	2350	1	460/1/60	5.90	39-3/10	7/8	1/2	171	Call
BML165BA	16500	4900	2	208-230/1/60	23.30	67-3/10	1-1/8	7/8	240	Call
BML165CA	16500	4900	2	208-230/3/60	16.00	67-3/10	1-1/8	7/8	240	Call
BML165DA	16500	4900	2	460/3/60	8.30	67-3/10	1-1/8	7/8	240	Call
BML165MA	16500	4900	2	460/1/60	11.60	67-3/10	1-1/8	7/8	240	Call
BML220BA	22000	4650	2	208-230/1/60	23.30	67-3/10	1-3/8	1-1/8	264	Call
BML220CA	22000	4650	2	208-230/3/60	16.00	67-3/10	1-3/8	1-1/8	264	Call
BML220DA	22000	4650	2	460/3/60	8.30	67-3/10	1-3/8	1-1/8	264	Call
BML220MA	22000	4650	2	460/1/60	11.60	67-3/10	1-3/8	1-1/8	264	Call
BML250BA	25000	7350	3	208-230/1/60	33.70	95-3/10	1-3/8	1-1/8	340	Call
BML250CA	25000	7350	3	208-230/3/60	23.20	95-3/10	1-3/8	1-1/8	340	Call
BML250DA	25000	7350	3	460/3/60	12.00	95-3/10	1-3/8	1-1/8	340	Call
BML250MA	25000	7350	3	460/1/60	16.80	95-3/10	1-3/8	1-1/8	340	Call
BML330BA	33000	6975	3	208-230/1/60	33.70	95-3/10	1-3/8	1-1/8	371	Call
BML330CA	33000	6975	3	208-230/3/60	23.20	95-3/10	1-3/8	1-1/8	371	Call
BML330DA	33000	6975	3	460/3/60	12.00	95-3/10	1-3/8	1-1/8	371	Call
BML330MA	33000	6975	3	460/1/60	16.80	95-3/10	1-3/8	1-1/8	371	Call
BML370CA	37000	9100	4	208-230/3/60	30.50	123-3/10	1-5/8	1-1/8	428	Call
BML370DA	37000	9100	4	460/3/60	15.80	123-3/10	1-5/8	1-1/8	428	Call
BML370MA	37000	9100	4	460/1/60	22.20	123-3/10	1-5/8	1-1/8	428	Call
BML440CA	44000	8700	4	208-230/3/60	30.50	123-3/10	1-5/8	1-1/8	475	Call
BML440DA	44000	8700	4	460/3/60	15.80	123-3/10	1-5/8	1-1/8	475	Call
BML440MA	44000	8700	4	460/1/60	22.20	123-3/10	1-5/8	1-1/8	475	Call
BML530CA	53000	10350	5	208-230/3/60	34.70	138-4/5	1-5/8	1-1/8	527	Call
BML530DA	53000	10350	5	460/3/60	18.10	138-4/5	1-5/8	1-1/8	527	Call
BML530MA	53000	10350	5	460/1/60	25.20	138-4/5	1-5/8	1-1/8	527	Call

REFRIGERATION EQUIPMENT

WALK-IN EVAPORATOR

BMG LINE MEDIUM PROFILE, HOT GAS DEFROST, 6 FPI

Part No.	Capacity (BTUH) -20°F	CFM	Motor Qty.	Voltage	Length (In.)	Connections (In.) Suction	Connections (In.) Inlet	Ship Wgt (Lbs.)	Price
BMG190AA	19000	4700	2	115/1/60	67-3/10	1-1/8	1-1/8	288	Call
BMG190BA	19000	4700	2	208-230/1/60	67-3/10	1-1/8	1-1/8	288	Call
BMG190MA	19000	4700	2	460/1/60	67-3/10	1-1/8	1-1/8	288	Call
BMG260AA	26000	4500	2	115/1/60	67-3/10	1-3/8	1-1/8	303	Call
BMG260BA	26000	4500	2	208-230/1/60	67-3/10	1-3/8	1-1/8	303	Call
BMG260MA	26000	4500	2	460/1/60	67-3/10	1-3/8	1-1/8	303	Call
BMG310AA	31000	7050	3	115/1/60	95-3/10	1-3/8	1-3/8	347	Call
BMG310BA	31000	7050	3	208-230/1/60	95-3/10	1-3/8	1-3/8	347	Call
BMG310MA	31000	7050	3	460/1/60	95-3/10	1-3/8	1-3/8	347	Call
BMG390AA	39000	6750	3	115/1/60	95-3/10	1-3/8	1-3/8	374	Call
BMG390BA	39000	6750	3	208-230/1/60	95-3/10	1-3/8	1-3/8	374	Call
BMG390MA	39000	6750	3	460/1/60	95-3/10	1-3/8	1-3/8	374	Call
BMG430AA	43000	8800	4	115/1/60	123-3/10	1-5/8	1-3/8	450	Call
BMG430BA	43000	8800	4	208-230/1/60	123-3/10	1-5/8	1-3/8	450	Call
BMG430MA	43000	8800	4	460/1/60	123-3/10	1-5/8	1-3/8	450	Call
BMG520AA	52000	8400	4	115/1/60	123-3/10	1-5/8	1-3/8	485	Call
BMG520BA	52000	8400	4	208-230/1/60	123-3/10	1-5/8	1-3/8	485	Call
BMG520MA	52000	8400	4	460/1/60	123-3/10	1-5/8	1-3/8	485	Call

BMF LINE MEDIUM PROFILE, HOT GAS DEFROST, 4 FPI

Part No.	Capacity (BTUH) -20°F	CFM	Motor Qty.	Voltage	Length (In.)	Connections (In.) Suction	Connections (In.) Inlet	Ship Wgt (Lbs.)	Price
BMF165AA	16500	4900	2	115/1/60	67-3/10	1-1/8	1-1/8	288	Call
BMF165BA	16500	4900	2	208-230/1/60	67-3/10	1-1/8	1-1/8	288	Call
BMF165MA	16500	4900	2	460/1/60	67-3/10	1-1/8	1-1/8	288	Call
BMF220AA	22000	4650	2	115/1/60	67-3/10	1-3/8	1-1/8	303	Call
BMF220BA	22000	4650	2	208-230/1/60	67-3/10	1-3/8	1-1/8	303	Call
BMF220MA	22000	4650	2	460/1/60	67-3/10	1-3/8	1-1/8	303	Call
BMF250AA	25000	7350	3	115/1/60	95-3/10	1-3/8	1-3/8	344	Call
BMF250BA	25000	7350	3	208-230/1/60	95-3/10	1-3/8	1-3/8	344	Call
BMF250MA	25000	7350	3	460/1/60	95-3/10	1-3/8	1-3/8	344	Call
BMF330AA	33000	6975	3	115/1/60	95-3/10	1-3/8	1-3/8	371	Call
BMF330BA	33000	6975	3	208-230/1/60	95-3/10	1-3/8	1-3/8	371	Call
BMF330MA	33000	6975	3	460/1/60	95-3/10	1-3/8	1-3/8	371	Call
BMF370AA	37000	9100	4	115/1/60	123-3/10	1-5/8	1-1/8	445	Call
BMF370BA	37000	9100	4	208-230/1/60	123-3/10	1-5/8	1-1/8	445	Call
BMF370MA	37000	9100	4	460/1/60	123-3/10	1-5/8	1-1/8	445	Call
BMF440AA	44000	8700	4	115/1/60	123-3/10	1-5/8	1-1/8	480	Call
BMF440BA	44000	8700	4	208-230/1/60	123-3/10	1-5/8	1-1/8	480	Call
BMF440MA	44000	8700	4	460/1/60	123-3/10	1-5/8	1-1/8	480	Call

REFRIGERATION EQUIPMENT

AIR COOLED OUTDOOR CONDENSING UNIT

HERMETIC / SCROLL / SEMI-HERMETIC

- Rigid, damage resistant structure; increases coil life
- Monometal (aluminum) construction
- Reduces required refrigerant charge
- Reduces braze operations (1) vs RTPF (50 to 100)

Standard Features:

- Motors rated for 50 and 60 cycle application
- Fans specifically matched with motor and coil to attain maximum air movement and cooling
- Prepainted G90 galvanized cabinets for superior strength and corrosion protection including hoods for outdoor units
- Heavy duty steel raised base with 1 1/2" legs
- Receiver with fusible plug, liquid shutoff valve and charging port.
- Discharge service valves on all compressors
- Large electrical panel for ease of access
- Prefabricated wiring harnesses
- Encapsulated, auto–reset, high pressure controls to eliminate leaks
- All units completely leak tested in a helium environment and run tested.
- Crankcase heater
- Flooded head pressure control valve
- Liquid line drier, sight glass

Many optional features available

AIR COOLED OUTDOOR HERMETIC CONDENSING UNIT

EXTENDED TEMPERATURE, R-404A/507

Part No.	HP	Cabinet	Voltage	MCA (Amps)	Dimensions			Connections		Ship Wgt. (Lbs)	Price
					L	W	H	Liquid	Suction		
BH*005X6B	1/2	A	208-230/1/60	15	28-1/4	23-3/4	17-1/2	3/8	1/2	135	Call
BH*008X6B	3/4	A	208-230/1/60	15	28-1/4	23-3/4	17-1/2	3/8	1/2	135	Call
BH*009X6B	3/4	A	208-230/1/60	15	28-1/4	23-3/4	17-1/2	3/8	1/2	144	Call
BH*010X6B	1	A	208-230/1/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	138	Call
BH*010X6C	1	A	208-230/3/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	138	Call
BH*015X6B	1 1/2	B	208-230/1/60	15	28-1/4	37-3/4	17-1/4	3/8	5/8	193	Call
BH*015X6C	1 1/2	B	208-230/3/60	15	28-1/4	37-3/4	17-1/4	3/8	5/8	193	Call
BH*020X6B	2	B	208-230/1/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	203	Call
BH*020X6C	2	B	208-230/3/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	203	Call
BH*025X6B	2	B	208-230/1/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	208	Call
BH*025X6C	2	B	208-230/3/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	208	Call
BH*025X6D	2	B	460/3/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	208	Call
BH*030X6B	3	D	208-230/1/60	21	30-1/4	42-1/2	29-3/4	1/2	7/8	290	Call
BH*030X6C	3	D	208-230/3/60	15	30-1/4	42-1/2	29-3/4	1/2	7/8	290	Call
BH*030X6D	3	D	460/3/60	15	30-1/4	42-1/2	29-3/4	1/2	7/8	290	Call
BH*032X6B	3	D	208-230/1/60	24	30-1/4	42-1/2	29-3/4	1/2	7/8	275	Call
BH*032X6C	3	D	208-230/3/60	20	30-1/4	42-1/2	29-3/4	1/2	7/8	275	Call
BH*032X6D	3	D	460/3/60	15	30-1/4	42-1/2	29-3/4	1/2	7/8	275	Call

EXTENDED TEMPERATURE, R-407C/R-448A/R-449A

Part No.	HP	Cabinet	Voltage	MCA (Amps)	Dimensions			Connections		Ship Wgt. (Lbs)	Price
					L	W	H	Liquid	Suction		
BH*005X6B	1/2	A	208-230/1/60	15	28-1/4	23-3/4	17-1/2	3/8	1/2	135	Call
BH*008X6B	3/4	A	208-230/1/60	15	28-1/4	23-3/4	17-1/2	3/8	1/2	135	Call
BH*009X6B	3/4	A	208-230/1/60	15	28-1/4	23-3/4	17-1/2	3/8	1/2	144	Call
BH*010X6B	1	A	208-230/1/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	138	Call
BH*010X6C	1	A	208-230/3/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	138	Call

REFRIGERATION EQUIPMENT

AIR COOLED OUTDOOR HERMETIC CONDENSING UNIT

HIGH TEMPERATURE, R-404A/507

Part No.	HP	Cabinet	Voltage	MCA (Amps)	Dimensions L	W	H	Price
BH*005H6B	1/2	A	208-230/1/60	15	28-1/4	23-3/4	17-1/4	Call
BH*009H6B	3/4	A	208-230/1/60	15	28-1/4	23-3/4	17-1/4	Call
BH*010H6B	1	A	208-230/1/60	15	28-1/4	23-3/4	17-1/4	Call
BH*010H6C	1	A	208-230/3/60	15	28-1/4	23-3/4	17-1/4	Call
BH*015H6B	1 1/2	B	208-230/1/60	15	28-1/4	37-3/4	17-1/4	Call
BH*015H6C	1 1/2	B	208-230/3/60	15	28-1/4	37-3/4	17-1/4	Call
BH*025H6B	2	B	208-230/1/60	20	28-1/4	37-3/4	17-1/4	Call
BH*025H6C	2	B	208-230/3/60	15	28-1/4	37-3/4	17-1/4	Call
BH*032H6B	3	D	208-230/1/60	25.9	30-1/4	42-1/2	29-3/4	Call
BH*032H6C	3	D	208-230/3/60	20.2	30-1/4	42-1/2	29-3/4	Call

LOW TEMPERATURE, R-404A/507

Part No.	HP	Cabinet	Voltage	MCA (Amps)	Dimensions L	W	H	Connections Liquid	Suction	Ship Wgt. (Lbs)	Price
BH*011L6B	1	A	208-230/1/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	139	Call
BH*011L6C	1	A	208-230/3/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	139	Call
BH*014L6B	1 1/2	A	208-230/1/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	170	Call
BH*014L6C	1 1/2	A	208-230/3/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	170	Call
BH*019L6B	1 1/2	B	208-230/1/60	15	28-1/4	37-3/4	17-1/4	3/8	5/8	200	Call
BH*019L6C	1 1/2	B	208-230/3/60	15	28-1/4	37-3/4	17-1/4	3/8	5/8	200	Call
BH*025L6B	2	B	208-230/1/60	20	28-1/4	37-3/4	17-1/4	3/8	7/8	222	Call
BH*025L6C	2	B	208-230/3/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	222	Call
BH*031L6B	3	C	208-230/1/60	22.3	28-1/4	37-3/4	19-3/4	1/2	7/8	223	Call
BH*031L6C	3	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	223	Call
BH*031L6D	3	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	223	Call

AIR COOLED OUTDOOR SCROLL CONDENSING UNIT

LOW TEMPERATURE, R-404A/507/R-407A/R-407F/R-407C/R-448A/R-449A

Part No.	HP	Cabinet	Voltage	MCA (Amps)	Dimensions L	W	H	Connections Liquid	Suction	Ship Wgt. (Lbs)	Price
BZ*006L6B	1/6	C	208-230/1/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	202	Call
BZ*006L6C	1/6	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	202	Call
BZ*008L6B	3/4	C	208-230/1/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	201	Call
BZ*008L6C	3/4	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	201	Call
BZ*008L6D	3/4	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	201	Call
BZ*010L6B	1	C	208-230/1/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	202	Call
BZ*010L6C	1	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	202	Call
BZ*010L6D	1	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	202	Call
BZ*020L6B	2	C	208-230/1/60	20	28-1/4	37-3/4	19-3/4	1/2	7/8	209	Call
BZ*020L6C	2	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	209	Call
BZ*020L6D	2	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	209	Call
BZ*022L6B	2	C	208-230/1/60	20	28-1/4	37-3/4	19-3/4	1/2	7/8	203	Call
BZ*022L6C	2	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	203	Call
BZ*022L6D	2	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	203	Call

AIR COOLED OUTDOOR SCROLL CONDENSING UNIT

LOW TEMPERATURE, R-404A/507/R-407A/R-407F/R-407C/R-448A/R-449A (Cont'd)

Part No.	HP	Cabinet	Voltage	MCA (Amps)	Dimensions			Connections		Ship Wgt. (Lbs)	Price
					L	W	H	Liquid	Suction		
BZ*025L6B	2	C	208-230/1/60	20	28-1/4	37-3/4	19-3/4	1/2	7/8	218	Call
BZ*025L6C	2	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	218	Call
BZ*025L6D	2	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	218	Call
BZ*030L6B	3	C	208-230/1/60	20	28-1/4	37-3/4	19-3/4	1/2	7/8	218	Call
BZ*030L6C	3	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	218	Call
BZ*030L6D	3	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	218	Call
BZ*035L6B	3	C	208-230/1/60	24	28-1/4	37-3/4	19-3/4	1/2	7/8	217	Call
BZ*035L6C	3	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	217	Call
BZ*035L6D	3	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	217	Call
BZ*045L6B	4	D	208-230/1/60	34	30-1/4	42-1/2	29-3/4	1/2	1-1/8	307	Call
BZ*045L6C	4	D	208-230/3/60	20	30-1/4	42-1/2	29-3/4	1/2	1-1/8	307	Call
BZ*045L6D	4	D	460/3/60	15	30-1/4	42-1/2	29-3/4	1/2	1-1/8	307	Call
BZ*055L6B	5	D	208-230/1/60	40	30-1/4	42-1/2	29-3/4	1/2	1-1/8	313	Call
BZ*055L6C	5	D	208-230/3/60	24.8	30-1/4	42-1/2	29-3/4	1/2	1-1/8	313	Call
BZ*055L6D	5	D	460/3/60	15	30-1/4	42-1/2	29-3/4	1/2	1-1/8	313	Call
BZ*060L6C	6	D	208-230/3/60	28	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call
BZ*060L6D	6	D	460/3/60	15	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call

MEDIUM TEMPERATURE, R-404A/507/R-407A/R-407F/R-407C/R-448A/R-449A

Part No.	HP	Cabinet	Voltage	MCA (Amps)	Dimensions			Connections		Ship Wgt. (Lbs)	Price
					L	W	H	Liquid	Suction		
BZ*005M6B	1/2	C	208-230/1/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	199	Call
BZ*005M6C	1/2	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	199	Call
BZ*008M6B	3/4	C	208-230/1/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	198	Call
BZ*008M6C	3/4	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	198	Call
BZ*009M6B	3/4	C	208-230/1/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	198	Call
BZ*009M6C	3/4	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	198	Call
BZ*010M6B	1	C	208-230/1/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	209	Call
BZ*010M6C	1	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	209	Call
BZ*010M6D	1	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	209	Call
BZ*015M6B	1 1/2	C	208-230/1/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	209	Call
BZ*015M6C	1 1/2	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	209	Call
BZ*015M6D	1 1/2	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	209	Call
BZ*020M6B	2	C	208-230/1/60	20	28-1/4	37-3/4	19-3/4	1/2	7/8	209	Call
BZ*020M6C	2	C	208-230/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	209	Call
BZ*020M6D	2	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	209	Call
BZ*025M6B	2	C	208-230/1/60	21	28-1/4	37-3/4	19-3/4	1/2	7/8	218	Call
BZ*025M6C	2	C	208-230/3/60	20	28-1/4	37-3/4	19-3/4	1/2	7/8	218	Call
BZ*025M6D	2	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	218	Call
BZ*030M6B	3	D	208-230/1/60	30	30-1/4	42-1/2	29-3/4	1/2	7/8	287	Call
BZ*030M6C	3	D	208-230/3/60	21	30-1/4	42-1/2	29-3/4	1/2	7/8	287	Call
BZ*030M6D	3	D	460/3/60	15	30-1/4	42-1/2	29-3/4	1/2	7/8	287	Call
BZ*035M6B	3	D	208-230/1/60	30	30-1/4	42-1/2	29-3/4	1/2	7/8	290	Call
BZ*035M6C	3	D	208-230/3/60	21	30-1/4	42-1/2	29-3/4	1/2	7/8	290	Call
BZ*035M6D	3	D	460/3/60	15	30-1/4	42-1/2	29-3/4	1/2	7/8	290	Call
BZ*045M6B	4	D	208-230/1/60	33	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call
BZ*045M6C	4	D	208-230/3/60	27	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call

REFRIGERATION EQUIPMENT

AIR COOLED OUTDOOR SCROLL CONDENSING UNIT

MEDIUM TEMPERATURE, R-404A/507/R-407A/R-407F/R-407C/R-448A/R-449A (Cont'd)

Part No.	HP	Cabinet	Voltage	MCA (Amps)	Dimensions			Connections		Ship Wgt. (Lbs)	Price
					L	W	H	Liquid	Suction		
BZ*045M6D	4	D	460/3/60	15	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call
BZ*050M6B	5	D	208-230/1/60	32	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call
BZ*050M6C	5	D	208-230/3/60	29	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call
BZ*050M6D	5	D	460/3/60	15	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call
BZ*055M6B	5	D	208-230/1/60	40	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call
BZ*055M6C	5	D	208-230/3/60	28	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call
BZ*055M6D	5	D	460/3/60	15	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call
BZ*060M6C	6	D	208-230/3/60	30	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call
BZ*060M6D	6	D	460/3/60	15	30-1/4	42-1/2	29-3/4	1/2	1-1/8	317	Call

AIR COOLED OUTDOOR SEMI-HERMETIC CONDENSING UNIT

LOW TEMPERATURE, R-404A/507

Part No.	HP	Cabinet	Voltage	MCA (Amps)	Dimensions			Connections		Ship Wgt. (Lbs)	Price
					L	W	H	Liquid	Suction		
BS*005L6B	1/2	A	208-230/1/60	15	28-1/4	23-3/4	17-1/4	3/8	1/2	172	Call
BS*005L6C	1/2	A	208-230/3/60	15	28-1/4	23-3/4	17-1/4	3/8	1/2	172	Call
BS*008L6B	3/4	A	208-230/1/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	172	Call
BS*008L6C	3/4	A	208-230/3/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	172	Call
BS*010L6B	1	A	208-230/1/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	178	Call
BS*010L6C	1	A	208-230/3/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	178	Call
BS*015L6B	1 1/2	B	208-230/1/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	225	Call
BS*015L6C	1 1/2	B	208-230/3/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	225	Call
BS*015L6D	1 1/2	B	460/3/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	225	Call
BS*020L6C	2	B	208-230/3/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	291	Call
BS*021L6B	2	B	208-230/1/60	20	28-1/4	37-3/4	17-1/4	3/8	7/8	301	Call
BS*021L6C	2	B	208-230/3/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	301	Call
BS*021L6D	2	B	460/3/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	301	Call
BS*030L6C	3	C	208-230/3/60	20	28-1/4	37-3/4	19-3/4	1/2	7/8	357	Call
BS*030L6D	3	C	460/3/60		28-1/4	37-3/4	19-3/4	1/2	7/8	357	Call
BS*030E6C	3	C	208-230/3/60	20	28-1/4	37-3/4	19-3/4	1/2	7/8	391	Call
BS*030E6D	3	C	460/3/60	15	28-1/4	37-3/4	19-3/4	1/2	7/8	391	Call

MEDIUM TEMPERATURE, R-404A/507

Part No.	HP	Cabinet	Voltage	MCA (Amps)	Dimensions			Connections		Ship Wgt. (Lbs)	Price
					L	W	H	Liquid	Suction		
BS*010M6B	1	A	208-230/1/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	178	Call
BS*010M6C	1	A	208-230/3/60	15	28-1/4	23-3/4	17-1/4	3/8	5/8	178	Call
BS*020M6B	2	B	208-230/1/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	189	Call
BS*020M6C	2	B	208-230/3/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	189	Call
BS*021M6C	2	B	208-230/3/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	301	Call
BS*021M6D	2	B	460/3/60	15	28-1/4	37-3/4	17-1/4	3/8	7/8	301	Call
BS*030M6C	3	D	208-230/3/60	20	30-1/4	42-1/2	29-3/4	1/2	7/8	397	Call
BS*030M6D	3	D	460/3/60	15	30-1/4	42-1/2	29-3/4	1/2	7/8	397	Call

REFRIGERATION EQUIPMENT

AIR COOLED SEMI-HERMETIC OUTDOOR CONDENSING UNIT

BDT LINE



- Suction and discharge vibration eliminators with spring mounted Discus compressors
- Sentronic oil failure switch
- Refrigeration duty, Type K, rifled condenser tubing
- Crankcase heater and floodback head pressure valve
- Sight glass and permanent liquid line filter
- Base valve and high/low pressure taps on outside
- Dual isolation valves on receiver
- Pre-bent tubing reduces mechanical joints
  Many optional features available

MEDIUM TEMPERATURE DISCUS, R404A, R507

BOHN

Part No.	HP	Voltage	MCA (Amps)	Dimension (In.)			Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				L	W	H		Suction	Liquid		
BDT0500M6C	5	208-230/3/60	27.7	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	904	Call
BDT0500M6D	5	460/3/60	13.6	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	904	Call
BDT0501M6C	5	208-230/3/60	27.7	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	904	Call
BDT0501M6D	5	460/3/60	13.7	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	904	Call
BDT0750M6C	7-1/2	208-230/3/60	38.1	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	914	Call
BDT0750M6D	7-1/2	460/3/60	17.4	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	914	Call
BHDT0751M6C	7-1/2	208-230/3/60	41.3	36-3/4	63-3/4	39-1/4	67	1-1/8	5/8	1148	Call
BDT0751M6D	7-1/2	460/3/60	19.6	36-3/4	63-3/4	39-1/4	67	1-1/8	5/8	1148	Call
BDT0800M6C	7-1/2	208-230/3/60	51.4	36-3/4	63-3/4	39-1/4	67	1-3/8	5/8	1183	Call
BDT0800M6D	7-1/2	460/3/60	26.2	36-3/4	63-3/4	39-1/4	67	1-3/8	5/8	1183	Call
BDT1000M6C	10	208-230/3/60	54.3	36-3/4	63-3/4	39-1/4	67	1-3/8	5/8	1208	Call
BDT1000M6D	10	460/3/60	26.2	36-3/4	63-3/4	39-1/4	67	1-3/8	5/8	1208	Call
BDT1200M6C	12	208-230/3/60	59.4	36-3/4	63-3/4	39-1/4	67	1-3/8	5/8	1228	Call
BDT1200M6D	12	460/3/60	30.2	36-3/4	63-3/4	39-1/4	67	1-3/8	5/8	1228	Call
BDT1500M6C	15	208-230/3/60	75.7	41-3/4	75-1/8	48-3/4	87	1-5/8	7/8	1182	Call
BDT1500M6D	15	460/3/60	36.9	41-3/4	75-1/8	48-3/4	87	1-5/8	7/8	1182	Call

LOW TEMPERATURE DISCUS, R404A, R507

BOHN

Part No.	HP	Voltage	MCA (Amps)	Dimension (In.)			Receiver Cap. (Lbs.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				L	W	H		Suction	Liquid		
BDT0300L6C	3	208-230/3/60	20.6	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	890	Call
BDT0300L6D	3	460/3/60	10.8	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	890	Call
BDT0400L6C	4	208-230/3/60	32.2	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	894	21917.00
BDT0400L6D	4	460/3/60	13.4	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	894	Call
BDT0600L6C	6	208-230/3/60	34.4	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	904	Call
BDT0600L6D	6	460/3/60	16.8	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	904	Call
BDT0601L6C	6	208-230/3/60	32.7	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	934	Call
BDT0601L6D	6	460/3/60	15.4	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	934	Call
BDT0750L6CF	7-1/2	208-230/3/60	37.2	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	958	29735.00
BDT0750L6D	7-1/2	460/3/60	19.5	36-3/4	51-3/4	39-1/4	28	1-1/8	1/2	958	Call
BDT0900L6C	9	208-230/3/60	46.9	36-3/4	63-3/4	39-1/4	67	1-3/8	5/8	1193	Call
BDT0900L6D	9	460/3/60	22.6	36-3/4	63-3/4	39-1/4	67	1-3/8	5/8	1193	Call
BDT1000L6C	10	208-230/3/60	51.9	36-3/4	63-3/4	39-1/4	67	1-3/8	5/8	1198	Call
BDT1000L6D	10	460/3/60	24.6	36-3/4	63-3/4	39-1/4	67	1-3/8	5/8	1198	Call
BDT1200L6C	12	208-230/3/60	59.9	41-3/4	75-1/8	48-3/4	67	1-5/8	5/8	1199	Call
BDT1200L6D	12	460/3/60	30.0	41-3/4	75-1/8	48-3/4	67	1-5/8	7/8	1199	Call
BDT1500L6C	15	208-230/3/60	67.8	41-3/4	75-1/8	48-3/4	67	1-5/8	7/8	1234	Call
BDT1500L6D	15	460/3/60	33.9	41-3/4	75-1/8	48-3/4	67	1-5/8	7/8	1234	Call
BDT2200L6C	22	208-230/3/60	80.9	41-3/4	75-1/8	48-3/4	87	1-5/8	7/8	1224	Call
BDT2200L6D	22	460/3/60	40.5	41-3/4	75-1/8	48-3/4	87	1-5/8	7/8	1224	Call

Start With an Advantage

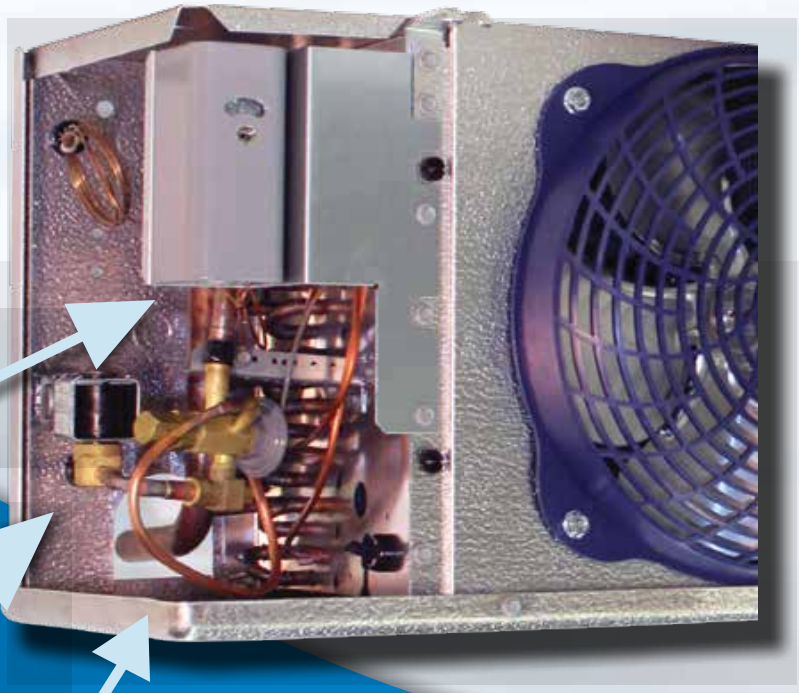
Factory Installed Mounted Components

Heatcraft Worldwide Refrigeration knows that contractors are looking for convenient, cost effective refrigeration equipment solutions to meet every day demands in the field. To meet those demands, Heatcraft now offers factory mounted components in Bohn Low Profile unit coolers to save installation time on the job site.

Low profile unit coolers with factory mounted components are stocked by Heatcraft Bohn certified refrigeration wholesalers who can recommend the exact unit to fit your needs.

Advantages

- Factory installed and leak checked
- Saves installation time
- In stock & ready to install





Factory installed components include:

- Sporlan R404A Expansion Valve
  - •Q body valve with inlet strainer
  - •Air Defrost (35˚ F room) will be C charged
  - •Electric Defrost (-10˚ F room) will be ZP charged
- Mechanical Room Thermostat
  Emerson Solenoid Valve with Dual Voltage Coil
- EC and PSC Motors Models
- Electric and Air Defrost Models

NOTE: *Heatcraft offers additional units with mounted TXVs only, as well as other manufacturer components upon request.*

HEATCRAFT Worldwide Refrigeration | BOHN

The company behind the brands you trust.

For product availability visit your local Aireco branch location.

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Aireco
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REFRIGERATION EQUIPMENT

COPELAND C-LINE CONDENSING UNITS



Horsepower: 1-10
Temperature Applications: Low/Medium/High

Features

- Copeland Semi-hermetic Compressor, Copeland Discus Compressor with Unique Discus Valve Design
- Modular Components
- Positive Displacement Oil Pump
- Low Profile
- Low Re-expansion Volumes
- Lower Operating Speeds

COPELAND

Receiver Base	C
Flat Metal Base	E, D
Water Condenser Base	W
Transport Unit	T

Temperature Application	
Description	Code
High Temperature	H
Medium Temperature	M
Low Temperature	L
Extended Medium Temp.	F
Extra Low Temp.	E
High Temperature	B
R22/404A LT & R134a HT	G
R22 HT & R404A MT	J
R404A LT & R134a HT	K
Two Stage	U
Two Stage	T

Compressor Motor Types		
Phase	Description	Code
1	Capacitor Run – Capacitor Start	C
1	Induction Run – Capacitor Start	I
1	Induction Run – Split Phase	S
1	Capacitor Run – Permanent Split Capacitor	P
3	Three Phase	T
3	Wye (star) Delta	E
3	6 Lead Part Winding or Across the Line – except 575V	F

Product Variations
Numbers will be assigned as follows:

1. Number –100 is standard compressor used in Copeland™ condensing units.
2. Number –200 indicates a STANDARD compressor parts B/M and model no.
3. Number –201 and larger will be assigned for all other variations of a given model.
4. Number –800 indicates a standard replacement compressor and Component Parts B/M and model no. –240 volt control.
5. Number –801 indicates a standard replacement compressor and component parts B/M and model no. –120 volt control.

Comp. Motor Rating	
Nominal (HP)	Code
1/2	0050
3/4	0075
1	0100
1-1/2	0150
2	0200
3	0300
4	0400
5	0500
6	0600
7-1/2	0750
9	0900
10	1000
15	1500
20	2000
22	2200
25	2500
27	2700
30	3000
40	4000
50	5000
60	6000
70	7000
80	8000

Note: Left position may be a letter indicating a revision change.

X X X X - X X X X - X X X - X X X

Refrigerant	
R404A/507	J/4
R134a	T/2
R12	B/7
R22	3/M/J/C
Multiple	F
R22/407C	G
R22	9
R134a/404A/22	N
R134a/404A	P
R404A/22	8

Air Cooled Steel Base	A
Air Cooled Copevap Base	E
Water Cooled Steel Base	W
Custom Base	C
Discus	D

Compressor Motor Protection	
Type Protection	Code
External Inherent Protection- One Protector, (Line Break) Use with Contactor	A
Internal Inherent Protection- One Protector (Line Break) Use with Contactor	F
Internal Thermal Protectors- Electronic Sensors; and Control Module External Use with Contactor	S

Electrical Codes		
60 Hz.	50 Hz.	Code
115-1	100-1	A
230-1	-	B
208/230-3	200/220-3	C
460-3	-	D
575-3	-	E
-	230-1	G
-	380/420-3	M
208/230-1	200-1	V
-	220-3	W
-	220/240-1	Z

Note: When applicable, specific 50 Hz ratings (not necessarily identical to typical shown above) will be shown as alternate on 60 Hz rated models.

COPELAMETIC AIR-COOLED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
C3AH-0076-CAV-001	208/230-1	200-1	22	33.28	20	19.08	3/8 S	5/8 S	Call
C3AH-0076-TAC-001	208/230-3	200/220-3	22	33.28	20	19.1	3/8 S	5/8 S	Call
C3AH-0150-TAC-001	208/230-3	200/220-3	22	33.38	20	19.06	3/8 S	7/8 S	11731.00
C3AH-0204-TAD-001	460-3	-	22	33.38	20	19.06	1/2 S	7/8 S	Call
C3AH-0303-TAD-020	460-3	-	22	38.38	20	29.09	1/2 S	1 1/8 S	Call
C3AM-0076-CAV-001	208/230-1	200-1	22	33.28	20	19.08	3/8 S	5/8 S	Call
C3AM-0076-TAC-001	208/230-3	200/220-3	22	33.28	20	19.08	3/8 S	5/8 S	Call
C3AM-0101-TAC-001	208/230-3	200/220-3	22	33.38	20	19.06	3/8 S	5/8 S	Call
C3AM-0202-CAB-001	230-1	-	22	33.38	20	19.06	1/2 S	7/8 S	Call
C7AB-0076-TAC-001	208/230-3	200/220-3	12	33.28	20	19.08	3/8 S	5/8 S	Call
C7AB-0200-TAD-001	460-3	-	12	33.38	20	19.06	1/2 S	7/8 S	Call
C7AB-0300-CAB-001	230-1	-	12	38.38	30	29.09	1/2 S	1 1/8 S	Call
C7AB-0300-TAC-001	208/230-3	200/220-3	12	38.38	30	29.09	1/2 S	1 1/8 S	Call
C7AB-0300-TAD-001	460-3	-	12	38.38	30	29.09	1/2 S	1 1/8 S	Call
C8AJ-0076-CAV-001	208/230-1	200-1	22/404A	33.3	20	19.1	3/8 S	5/8 S	Call
C8AJ-0076-TAC-001	208/230-3	200/220-3	22/404A	33.28	20	19.1	3/8 S	5/8 S	Call
C8AJ-0100-CAV-001	208/230-1	200-1	22/404A	33.38	20	19.06	3/8 S	5/8 S	9990.00
C8AJ-0100-TAC-001	208/230-3	200/220-3	22/404A	33.38	20	19.06	3/8 S	5/8 S	11234.00
C8AJ-0100-TAD-001	460-3	-	22/404A	33.38	20	19.06	3/8 S	5/8 S	Call
C8AJ-0200-CAV-001	208/230-1	200-1	22/404A	33.38	20	19.06	1/2 S	7/8 S	8208.00
C8AJ-0200-TAC-001	208/230-3	200/220-3	22/404A	33.38	20	19.06	3/8 S	7/8 S	8643.00
C8AJ-0300-TAC-001	208/230-3	200/220-3	22/404A	38.32	30	29.12	1/2 S	1 1/8 S	17964.00
C8AJ-0300-TAD-001	460-3	-	22/404A	38.32	30	29.12	1/2 S	1 1/8 S	Call
C8AL-0076-TAC-001	208/230-3	200/220-3	22/404A	33.28	20	19.08	3/8 S	5/8 S	Call
C8AL-0151-TAC-001	208/230-3	200/220-3	22/404A	33.38	20	19.06	3/8 S	7/8 S	Call

REFRIGERATION EQUIPMENT

COPELAND C-LINE CONDENSING UNITS

COPELAMETIC AIR-COOLED CONTINUED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
C8AL-0200-TAD-001	460-3	-	22/404A	33.38	20	19.06	1/2 S	7/8 S	Call
C8AM-0202-TAC-001	208/230-3	200/220-3	22/404A	33.29	20	19.08	1/2 S	7/8 S	Call
C8AM-0202-TAD-001	460-3	-	22/404A	33.38	20	19.06	1/2 S	7/8 S	Call
CBAM-0103-TAC-001	208/230-3	200/220-3	12	33.38	20	19.06	3/8 S	5/8 S	Call
CBAM-0153-TAC-001	208/230-3	200/220-3	12	33.38	20	19.06	3/8 S	7/8 S	Call
CFAP-0151-CAV-072	208/230-1	200-1	12/134a/22/404A/407C	33.58	20	19.08	3/8 S	7/8 S	Call
CFAP-0200-CAV-001	208/230-1	200-1	12/134a/22/404A/407C	33.38	20	19.08	1/2 S	7/8 S	Call
CFDP-0300-CFB-001	230-1	-	12/134a/22/404A/407C	38.38	30	29.09	1/2 S	1 3/8 S	Call
CFDP-0300-TFC-001	208/230-3	200/220-3	12/134a/22/404A/407C	38.4	30	29.1	1/2 S	1 3/8 S	Call
CFDP-0300-TFD-001	460-3	-	12/134a/22/404A/407C	38.4	30	29.1	1/2 S	1 3/8 S	Call
CFDP-0300-TFE-001	575-3	-	12/134a/22/404A/407C	38.4	30	29.1	1/2 S	1 3/8 S	Call
CFDP-0350-TFC-001	208/230-3	200/220-3	12/134a/22/404A/407C	38.38	30	29.09	5/8 S	1 3/8 S	Call
CFDP-0350-TFD-001	460-3	-	12/134a/22/404A/407C	38.38	30	29.09	5/8 S	1 3/8 S	Call
CFDP-0350-TFE-001	575-3	-	12/134a/22/404A/407C	38.38	30	29.09	5/8 S	1 3/8 S	Call
CFDP-0400-TFC-001	208/230-3	200/220-3	12/134a/22/404A/407C	38.38	30	29.09	5/8 S	1 3/8 S	Call
CFDP-0400-TFD-001	460-3	-	12/134a/22/404A/407C	38.38	30	29.09	5/8 S	1 3/8 S	Call
CFDP-0400-TFE-001	575-3	-	12/134a/22/404A/407C	38.38	30	29.09	5/8 S	1 3/8 S	Call
CFDP-0451-TFC-001	208/230-3	200/220-3	12/134a/22/404A/407C	38.38	30	29.09	5/8 S	1 3/8 S	Call
CFDP-0451-TFD-001	460-3	-	12/134a/22/404A/407C	38.38	30	29.09	5/8 S	1 3/8 S	Call
CFDP-0500-TFC-001	208/230-3	200/220-3	12/134a/22/404A/407C	44.88	36	30.73	5/8 S	1 3/8 S	Call
CFDP-0550-TFD-001	460-3	-	12/134a/22/404A/407C	44.88	36	30.73	5/8 S	1 3/8 S	Call
CFDP-0501-TFC-001	208/230-3	200/220-3	12/134a/22/404A/407C	38.38	30	29.09	5/8 S	1 3/8 S	Call
CFDP-0501-TFD-001	460-3	-	12/134a/22/404A/407C	38.38	30	29.09	5/8 S	1 3/8 S	Call
CFDP-0550-TFC-001	208/230-3	200/220-3	12/134a/22/404A/407C	44.88	36	30.73	5/8 S	1 3/8 S	Call
CFDP-0550-TFD-001	460-3	-	12/134a/22/404A/407C	44.88	36	30.73	5/8 S	1 3/8 S	Call
CFDP-0550-TFE-001	575-3	-	12/134a/22/404A/407C	44.88	36	30.73	5/8 S	1 3/8 S	Call
CFDP-0600-TFC-001	208/230-3	200/220-3	12/134a/22/404A/407C	66.9	39.13	36.26	7/8 S	1 3/8 S	Call
CFDP-0600-TFD-001	460-3	-	12/134a/22/404A/407C	66	39.11	36.26	7/8 S	1 3/8 S	Call
CFDP-0700-TFC-001	208/230-3	200/220-3	12/134a/22/404A/407C	66.9	39.13	36.26	7/8 S	1 3/8 S	Call
CFDP-0700-TFD-001	460-3	-	12/134a/22/404A/407C	66	39.11	36.26	7/8 S	1 3/8 S	Call
CFDP-0751-TFC-001	208/230-3	200/220-3	12/134a/22/404A/407C	44.88	36	31	5/8 S	1 3/8 S	Call
CFDP-1001-TFC-001	208/230-3	200/220-3	12/134a/22/404A/407C	66.9	39.13	36.26	7/8 S	1 3/8 S	Call
CJAL-0100-TAD-001	460-3	-	404A	33.38	20	19.06	3/8 S	5/8 S	Call
CJAL-0150-CAV-072	208/230-1	200-1	404A	33.58	20	19.06	3/8 S	7/8 S	Call
CJAL-0151-CAB-072	230-1	-	404A	33.58	19.05	20	3/8 S	7/8 S	Call
CJAL-0152-TAD-001	460-3	-	404A	33.38	20	19.06	3/8 S	7/8 S	Call
CJAL-0200-TAE-001	575-3	-	404A	33.38	20	19.06	1/2 S	7/8 S	Call
CJAL-0300-CAB-001	230-1	-	404A	38.38	30	29.09	1/2 S	1 1/8 S	18577.00
CJAL-0300-TAC-001	208/230-3	200/220-3	404A	38.31	30	29.12	1/2 S	1 1/8 S	13856.00
CJAL-0300-TAD-001	460-3	-	404A	38.31	30	29.12	1/2 S	1 1/8 S	Call
CJAL-0300-TAE-001	575-3	-	404A	38.32	30	29.12	1/2 S	1 1/8 S	Call
CJAM-0076-CAV-001	208/230-1	200-1	404A	33.28	20	19.08	3/8 S	5/8 S	Call
CJAU-0503-TFC-001	208/230-3	200/220-3	404A	46.22	37.57	31.04	5/8 S	7/8 S	Call
CLAL-0152-CAB-001	230-1	-	22	33.38	20	19.06	1/2 S	7/8 S	Call
CLAL-0300-TAC-001	208/230-3	200/220-3	22	38.38	30	29.09	1/2 S	1 1/8 S	11692.00
CLAL-0300-TAD-001	460-3	-	22	38.38	30	29.09	1/2 S	1 1/8 S	Call
CNAG-0076-CAV-001	208/230-1	200-1	134a/22/404A	33.3	20	19.1	3/8 S	5/8 S	Call
CNAG-0100-CAV-001	208/230-1	200-1	134a/22/404A	33.38	20	19.06	3/8 S	5/8 S	Call
CNAG-0100-TAC-001	208/230-3	200/220-3	134a/22/404A	33.38	20	19.06	3/8 S	5/8 S	11204.00
CNAG-0200-TAC-001	208/230-3	200/220-3	134a/22/404A	33.38	20	19.06	1/2 S	7/8 S	10396.00
CPAK-0150-CAV-001	208/230-1	200-1	134a/404A	33.38	20	19.06	1/2 S	7/8 S	10876.00
CTAH-0150-TAC-020	208/230-3	200/220-3	134a	33.38	20	19.06	3/8 S	7/8 S	Call
CTAM-0300-TAC-001	208/230-3	200/220-3	134a	33.38	30	29.09	1/2 S	1 1/8 S	Call

REFRIGERATION EQUIPMENT

COPELAND D-LINE CONDENSING UNITS



Horsepower: ¾-3
Temperature Applications: Low/Medium/High

Features

- Copeland Semi-hermetic Compressor
- Modular Components
- Positive Displacement Oil Pump
- Low Profile
- Low Re-expansion Volumes
- Lower Operating Speeds

COPELAND

Receiver Base	C
Flat Metal Base	E, D
Water Condenser Base	W
Transport Unit	T

Temperature Application	
Description	Code
High Temperature	H
Medium Temperature	M
Low Temperature	L
Extended Medium Temp.	F
Extra Low Temp.	E
High Temperature	B
R22/404A LT & R134a HT	G
R22 HT & R404A MT	J
R404A LT & R134a HT	K
Two Stage	U
Two Stage	T

Compressor Motor Types		
Phase	Description	Code
1	Capacitor Run – Capacitor Start	C
1	Induction Run – Capacitor Start	I
1	Induction Run – Split Phase	S
1	Capacitor Run – Permanent Split Capacitor	P
3	Three Phase	T
3	Wye (star) Delta	E
3	6 Lead Part Winding or Across the Line – except 575V	F

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Numbers will be assigned as follows:

1. Number –100 is standard compressor used in Copeland™ condensing units.
2. Number –200 indicates a STANDARD compressor parts B/M and model no.
3. Number –201 and larger will be assigned for all other variations of a given model.
4. Number –800 indicates a standard replacement compressor and Component Parts B/M and model no. –240 volt control.
5. Number –801 indicates a standard replacement compressor and component parts B/M and model no. –120 volt control.

Comp. Motor Rating	
Nominal (HP)	Code
1/2	0050
3/4	0075
1	0100
1-1/2	0150
2	0200
3	0300
4	0400
5	0500
6	0600
7-1/2	0750
9	0900
10	1000
15	1500
20	2000
22	2200
25	2500
27	2700
30	3000
40	4000
50	5000
60	6000
70	7000
80	8000

Note: Left position may be a letter indicating a revision change.

X X X X - X X X X X - X X X - X X X

Refrigerant	
R404A/507	J/4
R134a	T/2
R12	B/7
R22	3/M/J/C
Multiple	F
R22/407C	G
R22	9
R134a/404A/22	N
R134a/404A	P
R404A/22	8

Air Cooled Steel Base	A
Air Cooled Copevap Base	E
Water Cooled Steel Base	W
Custom Base	C
Discus	D

Compressor Motor Protection	
Type Protection	Code
External Inherent Protection- One Protector, (Line Break) Use with Contactor	A
Internal Inherent Protection- One Protector (Line Break) Use with Contactor	F
Internal Thermal Protectors- Electronic Sensors; and Control Module External Use with Contactor	S

Electrical Codes		
60 Hz.	50 Hz.	Code
115-1	100-1	A
230-1	-	B
208/230-3	200/220-3	C
460-3	-	D
575-3	-	E
-	230-1	G
-	380/420-3	M
208/230-1	200-1	V
-	220-3	W
-	220/240-1	Z

Note: When applicable, specific 50 Hz ratings (not necessarily identical to typical shown above) will be shown as alternate on 60 Hz rated models.

COPELAMETIC AIR-COOLED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
D3AH-0150-TAD-020	460-3	-	22	24.38	31.5	15.09	3/8 S	7/8 S	Call
D3AH-0200-TAD-020	460-3	-	22	28	32	15.04	3/8 S	7/8 S	Call
D3AM-0200-CAV-020	208/230-1	200-1	22	28	32	15.04	3/8 S	7/8 S	Call
D3AM-0200-TAC-020	208/230-3	200/220-3	22	28	32	15.04	3/8 S	7/8 S	Call
D3AM-0200-TAD-020	460-3	-	22	28	32	15.04	3/8 S	7/8 S	Call
D3AM-0201-TAC-020	208/230-3	200/220-3	22	28	32	15.04	3/8 S	7/8 S	Call
D7AB-0075-CAV-020	208/230-1	200-1	12	20	23.4	11.4	3/8 S	5/8 S	Call
D7AB-0100-CAA-020	115-1	100-1	12	19.1	25.8	13.1	3/8 S	5/8 S	Call
D7AB-0100-CAV-020	208/230-1	200-1	12	19.1	25.8	13.1	3/8 S	5/8 S	Call
D7AB-0100-TAC-020	208/230-3	200/220-3	12	19.08	25.76	12.06	3/8 S	5/8 S	Call
D7AB-0150-CAV-020	208/230-1	200-1	12	24.38	31.5	15.09	3/8 S	7/8 S	Call
D7AB-0150-TAC-020	208/230-3	200/220-3	12	24.38	31.5	15.09	3/8 S	7/8 S	Call
D7AB-0150-TAD-020	460-3	-	12	24.38	31.5	15.1	3/8 S	7/8 S	Call
D7AB-0200-CAB-020	230-1	-	12	28	32	15.07	3/8 S	7/8 S	Call
D7AB-0200-TAC-020	208/230-3	200/220-3	12	28	32	15.04	3/8 S	7/8 S	Call
D7AB-0200-TAD-020	460-3	-	12	28	32	15.04	3/8 S	7/8 S	Call
D8AJ-0200-CAV-020	208/230-1	200-1	22/404A	26.8	34	19	3/8 S	7/8 S	Call
D8AJ-0200-TAC-020	208/230-3	200/220-3	22/404A	26.8	34	19	3/8 S	7/8 S	7667.00
D8AJ-0300-TAC-020	208/230-3	200/220-3	22/404A	26.8	34	19	3/8 S	7/8 S	Call
D8AJ-0300-TAD-020	460-3	-	22/404A	26.8	34	19	3/8 S	7/8 S	Call
D8AM-0201-TAC-020	208/230-3	200/220-3	22/404A	27	34	19	3/8 S	7/8 S	Call

REFRIGERATION EQUIPMENT

COPELAND D-LINE CONDENSING UNITS

COPELAMETIC AIR-COOLED CONTINUED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
D8AM-0201-TAD-020	460-3	-	22/404A	27	34	19	3/8 S	7/8 S	Call
DBAL-0075-IAA-212	115-1	100-1	12	19.8	23.4	11.4	3/8 S	5/8 S	Call
DJAL-0075-CAA-020	115-1	100-1	404A	19.8	23.4	11.4	3/8 S	5/8 S	Call
DJAL-0075-CAA-212	115-1	100-1	404A	19.75	22.5	11.44	3/8 S	5/8 S	Call
DJAL-0075-CAV-212	208/230-1	200-1	404A	19.5	23.4	11.54	3/8 S	5/8 S	Call
DJAL-0076-IAA-020	115-1	100-1	404A	19.8	22.4	11	3/8 S	5/8 S	Call
DJAL-0149-CAV-212	208/230-1	200-1	404A	19	25.6	13.2	3/8 S	5/8 S	Call
DJAL-0149-CAV-072	208/230-1	200-1	404A	19	25.77	13.19	3/8 S	5/8 S	Call
DJAL-0150-TAD-020	460-3	-	404A	24.38	31.5	15.09	3/8 S	7/8 S	Call
DJAL-0151-TAC-020	208/230-3	200/220-3	404A	24.25	31.5	15.1	3/8 S	7/8 S	Call
DJAL-0300-TAD-020	460-3	-	404A	26.21	34.06	18.88	3/8 S	1 1/8 S	Call
DJAM-0150-CAV-020	208/230-1	200-1	404A	24.38	31.5	15.1	3/8 S	7/8 S	Call
DJAM-0200-TAC-020	208/230-3	200/220-3	404A	28	32	15.04	3/8 S	7/8 S	Call
DNAG-0200-CAV-020	208/230-1	200-1	22/134a/404A	26.8	34	19	3/8 S	7/8 S	Call
DNAG-0200-TAC-020	208/230-3	200/220-3	22/134a/404A	26.8	34	19	3/8 S	7/8 S	Call

WATER-COOLED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
D3WH-C150-CAV-020	208/230-1	200-1	22	24	17	12.88	3/8 S	7/8 S	Call
D3WH-C150-TAC-020	208/230-3	200/220-3	22	24	17	12.88	3/8 S	7/8 S	Call
D3WH-C150-TAD-020	460-3	-	22	24	17	12.88	3/8 S	7/8 S	Call
D3WM-C100-CAV-020	208/230-1	200-1	22	17	24	11.57	3/8 S	5/8 S	Call
D3WM-C100-TAC-020	208/230-3	200/220-3	22	17	24	11.57	3/8 S	5/8 S	Call
D3WM-C150-TAC-020	208/230-3	200/220-3	22	24	17	12.88	3/8 S	7/8 S	Call
D3WM-C150-TAD-020	460-3	-	22	24	17	12.88	3/8 S	7/8 S	Call
D3WM-C200-TAC-020	208/230-3	200/220-3	22	24.25	31.5	12.98	3/8 S	7/8 S	Call
DJWL-C100-CAV-020	208/230-1	200-1	404A	17	24	11.57	3/8 S	5/8 S	Call
DJWL-C100-TAC-020	208/230-3	200/220-3	404A	24	17	11.57	3/8 S	5/8 S	Call
DJWL-C100-TAD-020	460-3	-	404A	17	24	11.57	3/8 S	5/8 S	Call
DJWL-C150-CAV-020	208/230-1	200-1	404A	24	17	12.88	3/8 S	7/8 S	Call
DJWL-C150-TAC-020	208/230-3	200/220-3	404A	24	17	12.88	3/8 S	7/8 S	Call
DJWL-C150-TAD-020	460-3	-	404A	24	17	12.88	3/8 S	7/8 S	Call
DJWM-C100-TAD-020	460-3	-	404A	24	17	11.6	3/8 S	5/8 S	Call
DJWM-C150-CAV-020	208/230-1	200-1	404A	24	17	12.88	3/8 S	7/8 S	Call
DJWM-C200-TAC-020	208/230-3	200/220-3	404A	24.25	31.5	12.98	3/8 S	7/8 S	Call
DTWH-C150-CAV-020	208/230-1	200-1	134a	24	17	12.88	3/8 S	7/8 S	Call

REFRIGERATION EQUIPMENT

COPELAND E-LINE CONDENSING UNITS



Horsepower: ½-1 ½
Temperature Applications: Low/Medium/High

Features

- Copeland Semi-hermetic Compressor
- Modular Components
- Positive Displacement Oil Pump
- Low Profile
- Low Re-expansion Volumes
- Lower Operating Speeds

COPELAND

Receiver Base	C
Flat Metal Base	E, D
Water Condenser Base	W
Transport Unit	T

Temperature Application	
Description	Code
High Temperature	H
Medium Temperature	M
Low Temperature	L
Extended Medium Temp.	F
Extra Low Temp.	E
High Temperature	B
R22/404A LT & R134a HT	G
R22 HT & R404A MT	J
R404A LT & R134a HT	K
Two Stage	U
Two Stage	T

Compressor Motor Types		
Phase	Description	Code
1	Capacitor Run – Capacitor Start	C
1	Induction Run – Capacitor Start	I
1	Induction Run – Split Phase	S
1	Capacitor Run – Permanent Split Capacitor	P
3	Three Phase	T
3	Wye (star) Delta	E
3	6 Lead Part Winding or Across the Line – except 575V	F

Product Variations
Numbers will be assigned as follows:

1. Number –100 is standard compressor used in Copeland™ condensing units.
2. Number –200 indicates a STANDARD compressor parts B/M and model no.
3. Number –201 and larger will be assigned for all other variations of a given model.
4. Number –800 indicates a standard replacement compressor and Component Parts B/M and model no. –240 volt control.
5. Number –801 indicates a standard replacement compressor and component parts B/M and model no. –120 volt control.

Comp. Motor Rating	
Nominal (HP)	Code
1/2	0050
3/4	0075
1	0100
1-1/2	0150
2	0200
3	0300
4	0400
5	0500
6	0600
7-1/2	0750
9	0900
10	1000
15	1500
20	2000
22	2200
25	2500
27	2700
30	3000
40	4000
50	5000
60	6000
70	7000
80	8000

Note: Left position may be a letter indicating a revision change.

X X X X - X X X X - X X X - X X X

Refrigerant	
R404A/507	J/4
R134a	T/2
R12	B/7
R22	3/M/J/C
Multiple	F
R22/407C	G
R22	9
R134a/404A/22	N
R134a/404A	P
R404A/22	8

Air Cooled Steel Base	A
Air Cooled Copevap Base	E
Water Cooled Steel Base	W
Custom Base	C
Discus	D

Compressor Motor Protection	
Type Protection	Code
External Inherent Protection-One Protector, (Line Break) Use with Contactor	A
Internal Inherent Protection-One Protector (Line Break) Use with Contactor	F
Internal Thermal Protectors-Electronic Sensors and Control Module External Use with Contactor	S

Electrical Codes		
60 Hz.	50 Hz.	Code
115-1	100-1	A
230-1	-	B
208/230-3	200/220-3	C
460-3	-	D
575-3	-	E
-	230-1	G
-	380/420-3	M
208/230-1	200-1	V
-	220-3	W
-	220/240-1	Z

Note: When applicable, specific 50 Hz ratings (not necessarily identical to typical shown above) will be shown as alternate on 60 Hz rated models.

COPELAMETIC AIR-COOLED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
E3AH-A075-CAV-020	208/230-1	200-1	22	24	17.96	13.2	3/8 S	5/8 S	Call
E3AH-A100-CAV-020	208/230-1	200-1	22	24	17.9	13.2	3/8 S	5/8 S	Call
E3AH-A100-CAV-212	208/230-1	200-1	22	24	17.9	13.2	3/8 S	5/8 S	Call
E3AH-A100-TAC-020	208/230-3	200/220-3	22	24	17.92	13.18	3/8 S	5/8 S	Call
E3AH-A151-CAV-020	208/230-1	200-1	22	26.4	18.65	16.1	3/8 S	7/8 S	Call
E3AH-A151-TAC-020	208/230-3	200/220-3	22	26	18.61	16.1	3/8 S	7/8 S	Call
E3AM-A075-CAA-020	115-1	100-1	22	24	17.96	13.2	3/8 S	5/8 S	Call
E3AM-A075-CAV-020	208/230-1	200-1	22	24	17.96	13.2	3/8 S	5/8 S	Call
E3AM-A075-TAC-020	208/230-3	200/220-3	22	24	18.1	13.2	3/8 S	5/8 S	Call
E3AM-A100-CAV-020	208/230-1	200-1	22	24	17.96	13.2	3/8 S	5/8 S	Call
E3AM-A100-TAC-020	208/230-3	200/220-3	22	24	17.96	13.2	3/8 S	5/8 S	Call
E3AM-A100-TAD-020	460-3	-	22	24	17.9	13.2	3/8 S	5/8 S	Call
E3AM-A101-CAV-020	208/230-1	200-1	22	26.4	18.65	16.1	3/8 S	7/8 S	Call
E3AM-A101-TAC-020	208/230-3	200/220-3	22	26	18.61	16.1	3/8 S	7/8 S	Call
E3AM-A101-TAD-020	460-3	-	22	26.4	20.3	16.2	3/8 S	7/8 S	Call
E7AB-A050-CAV-020	208/230-1	200-1	12	19.5	16.3	12.1	1/4 S	1/2 S	Call
E7AB-A050-TAC-020	208/230-3	200/220-3	12	19.5	16.3	12.1	1/4 S	1/2 S	Call
E7AB-A100-CAV-020	208/230-1	200-1	12	24	17.9	13.2	3/8 S	5/8 S	Call
E7AB-A100-CAV-212	208/230-1	200-1	12	24	17.9	13.2	3/8 S	5/8 S	Call
E7AB-A100-TAD-020	460-3	-	12	24	17.9	13.2	3/8 S	5/8 S	Call
E8AJ-A075-CAV-020	208/230-1	200-1	22/404A	24	17.96	13.2	3/8 S	5/8 S	3858.00
E8AJ-A075-TAC-020	208/230-3	200/220-3	22/404A	24	18.1	13.2	3/8 S	5/8 S	Call
E8AJ-A100-CAV-020	208/230-1	200-1	22/404A	24	17.9	13.2	3/8 S	5/8 S	5170.00
E8AJ-A100-TAC-020	208/230-3	200/220-3	22/404A	24	17.96	13.2	3/8 S	5/8 S	Call
E8AJ-A100-TAD-020	460-3	-	22/404A	24	20	15.5	3/8 S	5/8 S	Call

REFRIGERATION EQUIPMENT

COPELAND E-LINE CONDENSING UNITS

COPELAMETIC AIR-COOLED CONTINUED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
E8AL-A050-CAV-020	208/230-1	200-1	22/404A	19.5	16.3	12.1	1/4 S	1/2 S	Call
E8AL-A075-CAA-020	115-1	100-1	22/404A	24	17.96	13.2	3/8 S	5/8 S	4351.00
E8AL-A075-TAC-020	208/230-3	200/220-3	22/404A	24	18.1	13.2	3/8 S	5/8 S	Call
EBAL-A050-CAV-020	208/230-1	200-1	12	19.5	16.3	12.1	1/4 S	1/2 S	Call
EBAL-A075-IAA-020	115-1	100-1	12	24	17.9	13.2	3/8 S	5/8 S	Call
EBAL-A075-TAC-020	208/230-3	200/220-3	12	24	18.1	13.2	3/8 S	5/8 S	Call
EBAM-A050-IAA-020	115-1	100-1	12	19.5	16.3	12.1	1/4 S	1/2 S	Call
EBAM-A100-TAC-020	208/230-3	200/220-3	12	24	17.96	13.2	3/8 S	5/8 S	Call
EBAM-A100-TAD-020	460-3	-	12	24	17.9	13.2	3/8 S	5/8 S	Call
EJAE-0175-CAV-020	208/230-1	200-1	404A	26	18.3	16.2	3/8 S	7/8 S	Call
EJAE-0175-TAC-020	208/230-3	200/220-3	404A	26.1	18.6	16.1	3/8 S	7/8 S	Call
EJAL-A050-CAV-020	208/230-1	200-1	404A	19.5	16.3	12.1	1/4 S	1/2 S	Call
EJAL-A050-TAC-020	208/230-3	200/220-3	404A	19.5	16.3	12.1	1/4 S	1/2 S	Call
EJAL-A075-CAA-020	115-1	100-1	404A	24	17.96	13.2	3/8 S	5/8 S	Call
EJAL-A075-CAV-020	208/230-1	200-1	404A	24	17.96	13.2	3/8 S	5/8 S	Call
EJAL-A075-CAV-072	208/230-1	200-1	404A	24	17.72	13.25	3/8 S	1/2 S	Call
EJAL-A075-TAC-020	208/230-3	200/220-3	404A	24	18.1	13.2	3/8 S	5/8 S	Call
EJAL-A100-CAV-020	208/230-1	200-1	404A	24	17.9	13.2	3/8 S	5/8 S	Call
EJAL-A100-CAV-072	208/230-1	200-1	404A	24	17.95	13.19	3/8 S	5/8 S	Call
EJAL-A100-CAV-075	208/230-1	200-1	404A	24	18.81	13.19	3/8 S	5/8 S	Call
EJAL-A100-TAD-020	460-3	-	404A	24	17.9	13.2	3/8 S	5/8 S	Call
EJAL-A102-CAV-020	208/230-1	200-1	404A	24	17.9	13.2	3/8 S	5/8 S	Call
EJAL-A103-CAV-020	208/230-1	200-1	404A	24	17.9	13.2	3/8 S	5/8 S	Call
EJAL-A150-TAD-020	460-3	-	404A	26.4	20.3	16.2	3/8 S	7/8 S	Call
EJAM-A075-CAV-020	208/230-1	200-1	404A	24	17.96	13.2	3/8 S	5/8 S	Call
EJAM-A075-TAC-020	208/230-3	200/220-3	404A	24	18.1	13.2	3/8 S	5/8 S	Call
EJAM-A100-TAC-020	208/230-3	200/220-3	404A	24	17.96	13.2	3/8 S	5/8 S	Call
ELAL-A075-CAV-020	208/230-1	200-1	22	24	17.96	13.2	3/8 S	5/8 S	Call
ELAL-A100-CAV-020	208/230-1	200-1	22	24	17.9	13.2	3/8 S	5/8 S	Call
ELAL-A152-CAV-020	208/230-1	200-1	22	26.12	18.33	16.15	3/8 S	7/8 S	Call
ENAG-A050-IAA-020	115-1	100-1	22/134a/404A	19.5	16.3	12.1	1/4 S	1/2 S	Call
ENAG-A075-CAV-020	208/230-1	200-1	22/134a/404A	24	17.96	13.2	3/8 S	5/8 S	6837.00
ENAG-A100-CAV-020	208/230-1	200-1	22/134a/404A	24	17.9	13.2	3/8 S	5/8 S	5727.00
ENAG-A100-TAC-020	208/230-3	200/220-3	22/134a/404A	24	17.96	13.2	3/8 S	5/8 S	7467.00
EPAK-A150-CAV-020	208/230-1	200-1	134a/404A	26.4	18.65	16.1	3/8 S	7/8 S	8114.00
EPAK-A150-TAC-020	208/230-3	200/220-3	134a/404A	26	18.61	16.1	3/8 S	7/8 S	8284.00
ETAH-A075-CAV-020	208/230-1	200-1	134a	24	17.96	13.2	3/8 S	5/8 S	Call
ETAH-A075-IAA-212	115-1	100-1	134a	24	17.9	13.2	3/8 S	5/8 S	Call

REFRIGERATION EQUIPMENT

COPELAND F-LINE CONDENSING UNITS

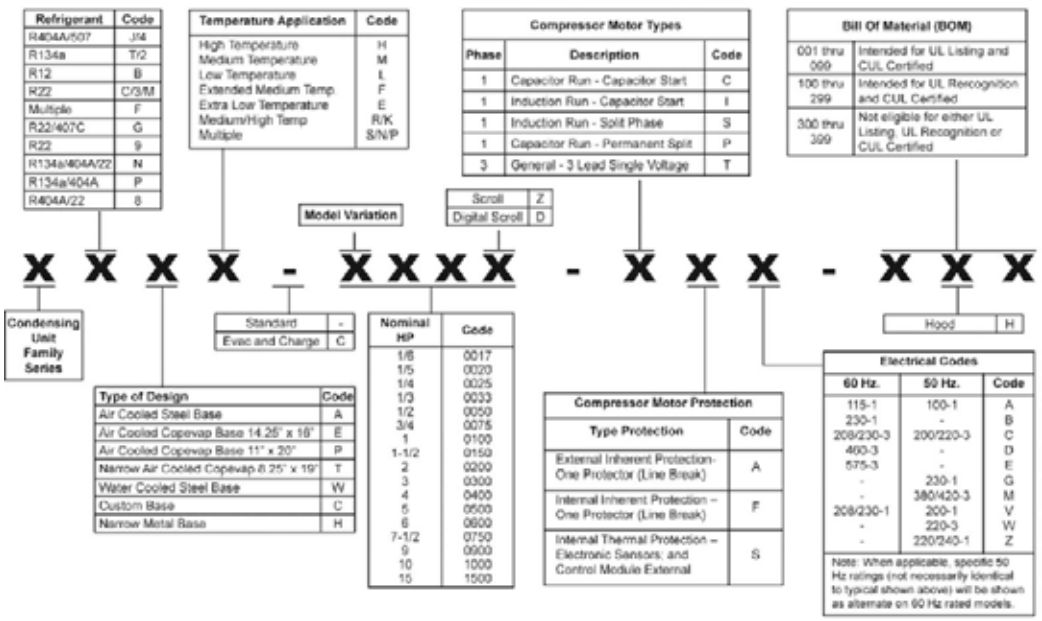


Horsepower: 1-10

Features

- Copeland Scroll Compressor
- Advance Diagnostics and Protection Features
- Factory Installed EK Filter Drier & HMI Moisture Indicator
- Aluminum/Copper Condenser Design
- Multi Refrigerant Approval for High/Med Models

COPELAND



SCROLL AIR-COOLED

Part No.	Chassis	Voltage		Refrigerant	Size			Connections		Price
		60 Hz	50 Hz		Length	Width	Height	Liquid	Suction	
FPAK-010Z-CFV-072	A	208/230-1	200-1	134a/404A	24	17.1	16.6	3/8 S	5/8 S	2442.00
FPAK-010Z-TFC-072	A	208/230-3	200/220-3	134a/404A	24	17.1	16.6	3/8 S	5/8 S	2750.00
FPAK-010Z-TFD-072	A	460-3	-	134a/404A	24	17.1	16.6	3/8 S	5/8 S	Call
FPAK-012Z-CFV-072	A	208/230-1	200-1	134a/404A	24	17.1	16.6	3/8 S	5/8 S	2470.00
FPAK-012Z-TFC-072	A	208/230-3	200/220-3	134a/404A	24	17.1	16.6	3/8 S	5/8 S	2689.00
FPAK-012Z-TFD-072	A	460-3	-	134a/404A	24	17.1	16.6	3/8 S	5/8 S	Call
FPAK-013Z-CFV-072	B	208/230-1	200-1	134a/404A	24.1	18.3	16.6	3/8 S	7/8 S	3066.00
FPAK-013Z-CFV-075	B	208/230-1	200-1	134a/404A	24.1	18.3	16.6	3/8 S	7/8 S	3272.00
FPAK-013Z-TFC-072	B	208/230-3	200/220-3	134a/404A	24.1	18.3	16.6	3/8 S	7/8 S	3576.00
FPAK-013Z-TFD-072	B	460-3	-	134a/404A	24.1	18.3	16.6	3/8 S	7/8 S	Call
FPAK-013Z-TFD-072	B	460-3	-	134a/404A	24.1	18.3	16.6	3/8 S	7/8 S	Call
FPAK-015Z-CFV-072	B	208/230-1	200-1	134a/404A	24.1	18.3	16.6	3/8 S	7/8 S	3045.00
FPAK-015Z-TFC-072	B	208/230-3	200/220-3	134a/404A	24.1	18.3	16.6	3/8 S	7/8 S	Call
FPAK-015Z-TFD-072	B	460-3	-	134a/404A	24.1	18.3	16.6	3/8 S	7/8 S	Call
FPAK-020Z-CFV-072	C	208/230-1	200-1	134a/404A	25	34.1	19	3/8 S	1 1/8 S	Call
FPAK-020Z-TFC-071	C	208/230-3	200/220-3	134a/404A	25	34.1	19	3/8 S	1 1/8 S	Call
FPAK-020Z-TFC-072	C	208/230-3	200/220-3	134a/404A	25	34.1	19	3/8 S	1 1/8 S	4597.00
FPAK-020Z-TFD-071	C	460-3	-	134a/404A	25	34.1	19	3/8 S	1 1/8 S	Call
FPAK-020Z-TFD-072	C	460-3	-	134a/404A	25	34.1	19	3/8 S	1 1/8 S	Call
FPAK-039Z-CFV-071	C	208/230-1	200-1	134a/404A	25.2	34.1	19	3/8 S	1 1/8 S	4987.00
FPAK-039Z-TFC-071	C	208/230-3	200/220-3	134a/404A	25.2	34.1	19	3/8 S	1 1/8 S	5240.00
FPAK-039Z-TFD-071	C	460-3	-	134a/404A	25.2	34.1	19	3/8 S	1 1/8 S	Call
FPAN-070Z-TFC-071	-	208/230-3	200/220-3	134a/404A/22	27.96	44	36.82	5/8 S	1 3/8 S	Call
FPAN-070Z-TFD-071	-	460-3	-	134a/404A/22	28.54	44	36.82	5/8 S	1 3/8 S	Call
FPAN-070Z-TFD-073	-	460-3	-	134a/404A/22	28.54	44	36.82	5/8 S	1 3/8 S	Call

SCROLL AIR-COOLED CONTINUED

Part No.	Chassis	Voltage		Refrigerant	Size			Connections		Price
		60 Hz	50 Hz		Length	Width	Height	Liquid	Suction	
FPAN-080Z-TFC-071	-	208/230-3	200/220-3	134a/404A/22	27.96	44	36.82	5/8 S	1 3/8 S	Call
FPAN-080Z-TFD-071	-	460-3	-	134a/404A/22	28.54	44	36.82	5/8 S	1 3/8 S	Call
FPAN-080Z-TFD-073	-	460-3	-	134a/404A/22	28.54	44	36.82	5/8 S	1 3/8 S	Call
FPAN-091Z-TFC-071	-	208/230-3	200/220-3	134a/404A/22	28.54	44	36.83	5/8 S	1 3/8 S	Call
FPAN-101Z-TFC-071	-	208/230-3	200/220-3	134a/404A/22	28.52	44	36.83	5/8 S	1 3/8 S	Call
FPAN-101Z-TFD-071	-	460-3	-	134a/404A/22	28.52	4	36.83	5/8 S	1 3/8 S	Call
FPAN-101Z-TFD-073	-	460-3	-	134a/404A/22	28.52	44	36.83	5/8 S	1 3/8 S	Call
FFAP-015Z-CFV-072	B	208/230-1	200-1	134a/22/404A/407A/407C	24	18.3	16.6	3/8 S	7/8 S	1018.48
FFAP-015Z-CFV-075	B	208/230-1	200-1	134a/22/404A/407A/407C	24	18.3	16.6	3/8 S	7/8 S	3279.00
FFAP-015Z-TFC-072	B	208/230-3	200/220-3	134a/22/404A/407A/407C	24	18.3	16.6	3/8 S	7/8 S	3373.00
FFAP-015Z-TFC-075	B	208/230-3	200/220-3	134a/22/404A/407A/407C	24	18.3	16.6	3/8 S	7/8 S	3800.00
FFAP-015Z-TFD-072	B	460-3	-	134a/22/404A/407A/407C	24	18.3	16.6	3/8 S	7/8 S	Call
FFAP-015Z-TFD-075	B	460-3	-	134a/22/404A/407A/407C	24	18.3	16.6	3/8 S	7/8 S	Call
FFAP-017Z-CFV-072	B	208/230-1	200-1	134a/22/404A/407A/407C	24.1	18.3	16.6	3/8 S	7/8 S	3023.00
FFAP-017Z-CFV-075	B	208/230-1	200-1	134a/22/404A/407A/407C	24.1	18.3	16.6	3/8 S	7/8 S	3179.00
FFAP-017Z-TFC-072	B	208/230-3	200/220-3	134a/22/404A/407A/407C	24.1	18.3	16.6	3/8 S	7/8 S	3149.45
FFAP-017Z-TFC-075	B	208/230-3	200/220-3	134a/22/404A/407A/407C	24.1	18.3	16.6	3/8 S	7/8 S	3860.00
FFAP-017Z-TFD-072	B	460-3	-	134a/22/404A/407A/407C	24.1	18.3	16.6	3/8 S	7/8 S	Call
FFAP-018Z-CFV-072	B	208/230-1	200-1	134a/22/404A/407A/407C	24.1	18.3	16.6	3/8 S	7/8 S	Call
FFAP-020Z-CFV-071	C	208/230-1	200-1	134a/22/404A/407A/407C	25.2	34	19	3/8 S	7/8 S	4386.00
FFAP-020Z-CFV-072	C	208/230-1	200-1	134a/22/404A/407A/407C	25.2	34	19	3/8 S	7/8 S	3867.00
FFAP-020Z-TFC-071	C	208/230-3	200/220-3	134a/22/404A/407A/407C	25.2	34	19	3/8 S	7/8 S	4987.00
FFAP-020Z-TFC-072	C	208/230-3	200/220-3	134a/22/404A/407A/407C	25.2	34	19	3/8 S	7/8 S	4052.00
FFAP-020Z-TFD-071	C	460-3	-	134a/22/404A/407A/407C	25.2	34	19	3/8 S	7/8 S	Call
FFAP-020Z-TFD-072	C	460-3	-	134a/22/404A/407A/407C	25.2	34	19	3/8 S	7/8 S	Call
FFAP-022Z-CFV-071	C	208/230-1	200-1	134a/22/404A/407A/407C	25.2	34	19	3/8 S	7/8 S	4291.00
FFAP-022Z-CFV-072	C	208/230-1	200-1	134a/22/404A/407A/407C	25.2	34	19	3/8 S	7/8 S	3853.00
FFAP-022Z-TFC-071	C	208/230-3	200/220-3	134a/22/404A/407A/407C	25.2	34	19	3/8 S	7/8 S	4548.00
FFAP-022Z-TFC-072	C	208/230-3	200/220-3	134a/22/404A/407A/407C	25.2	34	19	3/8 S	7/8 S	4108.00
FFAP-022Z-TFD-071	C	460-3	-	134a/22/404A/407A/407C	25.2	34	19	3/8 S	7/8 S	Call
FFAP-030Z-CFV-071	C	208/230-1	200-1	134a/22/404A/407A/407C	25.2	34.1	19	3/8 S	7/8 S	4680.00
FFAP-030Z-CFV-072	C	208/230-1	200-1	134a/22/404A/407A/407C	25.2	34.1	19	3/8 S	7/8 S	4464.00
FFAP-030Z-TFC-071	C	208/230-3	200/220-3	134a/22/404A/407A/407C	25.2	34.1	19	3/8 S	7/8 S	4937.00
FFAP-030Z-TFC-072	C	208/230-3	200/220-3	134a/22/404A/407A/407C	25.2	34.1	19	3/8 S	7/8 S	4477.00
FFAP-030Z-TFD-071	C	460-3	-	134a/22/404A/407A/407C	25.2	34.1	19	3/8 S	7/8 S	Call
FFAP-032Z-CFV-071	C	208/230-1	200-1	134a/22/404A/407A/407C	25.2	34.1	19	3/8 S	1 1/8 S	4767.00
FFAP-032Z-CFV-072	C	208/230-1	200-1	134a/22/404A/407A/407C	25.2	34.1	19	3/8 S	1 1/8 S	Call
FFAP-032Z-TFC-071	C	208/230-3	200/220-3	134a/22/404A/407A/407C	25.2	34.1	19	3/8 S	1 1/8 S	5024.00
FFAP-032Z-TFC-072	C	208/230-3	200/220-3	134a/22/404A/407A/407C	25.2	34.1	19	3/8 S	1 1/8 S	Call
FFAP-032Z-TFD-071	C	460-3	-	134a/22/404A/407A/407C	25.2	34.1	19	3/8 S	1 1/8 S	Call
FFAP-040Z-CFV-071	D	208/230-1	200-1	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	5470.00
FFAP-040Z-CFV-072	D	208/230-1	200-1	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	Call
FFAP-040Z-TFC-071	D	208/230-3	200/220-3	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	5495.00
FFAP-040Z-TFC-072	D	208/230-3	200/220-3	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	Call
FFAP-040Z-TFD-071	D	460-3	-	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	Call
FFAP-042Z-CFV-071	D	208/230-1	200-1	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	5604.00
FFAP-042Z-CFV-072	D	208/230-1	200-1	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	Call
FFAP-042Z-TFC-071	D	208/230-3	200/220-3	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	5530.00
FFAP-042Z-TFC-072	D	208/230-3	200/220-3	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	Call
FFAP-042Z-TFD-071	D	460-3	-	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	Call
FFAP-050Z-CFV-071	D	208/230-1	200-1	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	5922.00
FFAP-050Z-CFV-072	D	208/230-1	200-1	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	Call
FFAP-050Z-TFC-071	D	208/230-3	200/220-3	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	7124.00
FFAP-050Z-TFC-072	D	208/230-3	200/220-3	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	Call
FFAP-050Z-TFD-071	D	460-3	-	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	Call
FFAP-050Z-TFE-070	D	575-3	-	134a/22/404A/407A/407C	28.2	44.1	26.8	1/2 S	1 1/8 S	Call
FNAR-070Z-TFC-001	-	208/230-3	200/220-3	134a/22/404A	28.2	44.1	36.7	5/8 S	1 3/8 S	Call

COPELAND F-LINE CONDENSING UNITS

SCROLL AIR-COOLED CONTINUED

Part No.	Chassis	Voltage		Refrigerant	Size			Connections		Price
		60 Hz	50 Hz		Length	Width	Height	Liquid	Suction	
FNAR-070Z-TFD-001	-	460-3	-	134a/22/404A	28.2	44.1	36.7	5/8 S	1 3/8 S	Call
FNAR-070Z-TFE-001	-	575-3	-	134a/22/404A	28.2	44.1	36.7	5/8 S	1 3/8 S	Call
FNAR-080Z-TFC-001	-	208/230-3	200/220-3	134a/22/404A	28.2	44.1	36.7	5/8 S	1 3/8 S	Call
FNAR-080Z-TFD-001	-	460-3	-	134a/22/404A	28.2	44.1	36.7	5/8 S	1 3/8 S	Call
FNAR-080Z-TFD-006	-	460-3	-	134a/22/404A	28.2	44.1	36.7	5/8 S	1 3/8 S	Call
FNAR-080Z-TFE-001	-	575-3	-	134a/22/404A	28.2	44.1	36.7	5/8 S	1 3/8 S	Call
FNAR-091Z-TFC-001	-	208/230-3	200/220-3	134a/22/404A	28.2	44.5	36.7	5/8 S	1 3/8 S	Call
FNAR-091Z-TFD-001	-	460-3	-	134a/22/404A	28.2	44.5	36.7	5/8 S	1 3/8 S	Call
FNAR-101Z-TFC-001	-	208/230-3	200/220-3	134a/22/404A	28.2	44.5	36.7	5/8 S	1 3/8 S	Call
FNAR-101Z-TFD-001	-	460-3	-	134a/22/404A	28.2	44.5	36.7	5/8 S	1 3/8 S	Call
FNAR-101Z-TFD-105	-	460-3	-	134a/22/404A	28.2	44.5	36.7	5/8 S	1 3/8 S	Call
FNAR-101Z-TFD-106	-	460-3	-	134a/22/404A	28.2	44.5	36.7	5/8 S	1 3/8 S	Call
FNAR-101Z-TFE-001	-	575-3	-	134a/22/404A	28.2	44.5	36.7	5/8 S	1 3/8 S	Call

WELDED AIR-COOLED

Part No.	50 Hz	Refrigerant	Size			Connections		Price
			Length	Width	Height	Liquid	Suction	
F3AH-B100-CAV-072	200-1	134a	24	17.19	13.38	3/8 S	5/8 S	2199.00
F3AH-B100-CFA-020	100-1	134a	24	17.19	13.38	3/8 S	5/8 S	Call
F3AH-B105-CFV-020	200-1	134a	24	18.3	16.2	3/8 S	5/8 S	2043.00
F3AH-B105-TAC-020	200/220-3	134a	24	18.3	16.2	3/8 S	5/8 S	2511.00
FJAF-0100-CAV-020	200-1	404A	24	17.04	13.38	3/8 S	5/8 S	Call
FJAF-0100-IAV-212	200-1	404A	24	17.04	13.38	3/8 S	5/8 S	Call
FJAF-0106-CAV-017	200-1	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-0106-CAV-020	200-1	404A	24	18.3	16.2	3/8 S	5/8 S	2591.00
FJAF-0106-CAV-208	200-1	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-0108-CFV-020	200-1	404A	24	17.3	13	3/8 S	5/8 S	Call
FJAF-0108-CFV-072	200-1	404A	24	17.3	13	3/8 S	5/8 S	Call
FJAF-0108-CFV-075	200-1	404A	24	17.3	13	3/8 S	5/8 S	Call
FJAF-0108-CFV-212	200-1	404A	24	17.3	13	3/8 S	5/8 S	Call
FJAF-0108-TAC-020	200/220-3	404A	24	17.3	13	3/8 S	5/8 S	Call
FJAF-0125-CFV-020	200-1	404A	24	18.3	16.2	3/8 S	5/8 S	3006.00
FJAF-0125-CFV-072	200-1	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-0125-CFV-075	200-1	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-0125-TAC-020	200/220-3	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-0125-TAC-072	200/220-3	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-0125-TAC-075	200/220-3	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-0126-CFV-020	200-1	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-0126-TAC-020	200/220-3	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-0130-CFV-072	200-1	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-0130-CFV-075	200-1	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-0130-CFV-212	200-1	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-0130-CFV-272	200-1	404A	24	18.3	16.2	3/8 S	5/8 S	Call
FJAF-B100-CFV-212	200-1	404A	24	17.3	13	3/8 S	5/8 S	Call
FJAF-E110-CFV-212	200-1	404A	24	17.3	13	3/8 S	5/8 S	Call
FJAL-0105-CFV-020	200-1	404A	24	17.3	13	3/8 S	5/8 S	Call
FJAL-0105-CFV-072	200-1	404A	24	17.3	13	3/8 S	5/8 S	Call
FJAL-0105-CFV-075	200-1	404A	24	17.3	13	3/8 S	5/8 S	Call
FJCL-B100-CFV-212	200-1	404A	23.56	13.33	11.73	1/4 S	5/8 S	Call
FJEF-B100-CFV-212	200-1	404A	24	17.11	13.59	3/8 S	5/8 S	Call
FTAH-C100-CFV-020	200-1	134a	24	17.45	13	3/8 S	5/8 S	Call
FTAH-C100-CFV-212	200-1	134a	24	17.45	13	3/8 S	5/8 S	Call

REFRIGERATION EQUIPMENT

COPELAND F-LINE CONDENSING UNITS

SCROLL WATER-COOLED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
FFWP-015Z-CFV-020	208/230-1	200-1	134a/22/404A/407A/407C	24	16.1	16.6	7/8 S	3/8 S	2884.00
FFWP-015Z-TFC-020	208/230-3	200/220-3	134a/22/404A/407A/407C	24	16.1	16.6	7/8 S	3/8 S	3678.00
FFWP-015Z-TFD-020	460-3	-	134a/22/404A/407A/407C	24	16.1	16.6	7/8 S	3/8 S	Call
FFWP-017Z-CFV-020	208/230-1	200-1	134a/22/404A/407A/407C	24	16.1	16.6	7/8 S	3/8 S	Call
FFWP-017Z-TFC-020	208/230-3	200/220-3	134a/22/404A/407A/407C	24	16.1	16.6	7/8 S	3/8 S	Call
FFWP-017Z-TFD-020	460-3	-	134a/22/404A/407A/407C	24	16.1	16.6	7/8 S	3/8 S	Call
FFWP-020Z-CFV-020	208/230-1	200-1	134a/22/404A/407A/407C	24	16.1	16.6	7/8 S	3/8 S	Call
FFWP-020Z-TFC-020	208/230-3	200/220-3	134a/22/404A/407A/407C	24	16.1	16.6	7/8 S	3/8 S	Call
FFWP-020Z-TFD-020	460-3	-	134a/22/404A/407A/407C	24	16.1	16.6	7/8 S	3/8 S	Call
FFWP-022Z-CFV-020	208/230-1	200-1	134a/22/404A/407A/407C	24	16.1	16.6	7/8 S	3/8 S	Call
FFWP-022Z-TFC-020	208/230-3	200/220-3	134a/22/404A/407A/407C	24	16.1	16.6	7/8 S	3/8 S	3961.00
FFWP-022Z-TFD-020	460-3	-	134a/22/404A/407A/407C	24	16.1	16.6	7/8 S	3/8 S	Call
FFWP-030Z-CFV-020	208/230-1	200-1	134a/22/404A/407A/407C	24.1	16.1	16.6	7/8 S	3/8 S	Call
FFWP-030Z-TFC-020	208/230-3	200/220-3	134a/22/404A/407A/407C	24.1	16.1	16.6	7/8 S	3/8 S	Call
FFWP-030Z-TFD-020	460-3	-	134a/22/404A/407A/407C	24.1	16.1	16.6	7/8 S	3/8 S	Call
FFWP-032Z-CFV-020	208/230-1	200-1	134a/22/404A/407A/407C	27.2	21.5	18.2	1 1/8 S	3/8 S	6300.00
FFWP-032Z-TFC-020	208/230-3	200/220-3	134a/22/404A/407A/407C	27.2	21.5	18.2	1 1/8 S	3/8 S	6116.00
FFWP-032Z-TFD-020	460-3	-	134a/22/404A/407A/407C	27.2	21.5	18.2	1 1/8 S	3/8 S	Call
FFWP-040Z-CFV-020	208/230-1	200-1	134a/22/404A/407A/407C	27.5	21	21.1	1 1/8 S	1/2 S	Call
FFWP-040Z-TFC-020	208/230-3	200/220-3	134a/22/404A/407A/407C	27.5	21	21.1	1 1/8 S	1/2 S	Call
FFWP-040Z-TFD-020	460-3	-	134a/22/404A/407A/407C	27.5	21	21.1	1 1/8 S	1/2 S	Call
FFWP-042Z-CFV-020	208/230-1	200-1	134a/22/404A/407A/407C	27.2	21.6	21.1	1 1/8 S	1/2 S	Call
FFWP-042Z-TFC-020	208/230-3	200/220-3	134a/22/404A/407A/407C	27.2	21.6	21.1	1 1/8 S	1/2 S	Call
FFWP-042Z-TFD-020	460-3	-	134a/22/404A/407A/407C	27.2	21.6	21.1	1 1/8 S	1/2 S	Call
FFWP-050Z-CFV-020	208/230-1	200-1	134a/22/404A/407A/407C	27.5	21.7	21.1	1 1/8 S	1/2 S	Call
FFWP-050Z-TFC-020	208/230-3	200/220-3	134a/22/404A/407A/407C	27.5	21.7	21.1	1 1/8 S	1/2 S	Call
FFWP-050Z-TFD-020	460-3	-	134a/22/404A/407A/407C	27.5	21.7	21.1	1 1/8 S	1/2 S	Call
FFWP-050Z-TFE-020	575-3	-	134a/22/404A/407A/407C	27.5	21.7	21.1	1 1/8 S	1/2 S	Call
FJWM-C50Z-TFC-020	208/230-3	200/220-3	404A	25	21.42	21.59	1/2 S	7/8 S	Call
FJWM-C50Z-TFD-020	460-3	-	404A	25	21.42	21.59	1/2 S	7/8 S	Call

WELDED WATER-COOLED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
FJWF-C106-CAV-020	208/230-1	200-1	404A	24.23	17.32	11.87	3/8 S	7/8 S	Call
F3WH-B105-CFV-020	208/230-1	200-1	22	24.33	19.07	12.76	3/8 S	5/8 S	2687.00
F3WH-B105-TAC-020	208/230-3	200/220-3	22	24.33	19.07	12.76	3/8 S	5/8 S	Call
FJWF-C125-CFV-020	208/230-1	200-1	404A	24.33	17.81	12.75	3/8 S	5/8 S	Call
FJWF-C125-TAC-020	208/230-3	200/220-3	404A	24.33	17.81	12.75	3/8 S	5/8 S	Call
FJWF-C126-CFV-020	208/230-1	200-1	404A	24.33	17.81	12.75	3/8 S	5/8 S	Call
FJWF-C126-TAC-020	208/230-3	200/220-3	404A	24.33	17.81	12.75	3/8 S	5/8 S	Call
FJWL-C105-CFV-020	208/230-1	200-1	404A	24	16.43	12.05	3/8 S	5/8 S	Call
FJWL-C105-TAC-020	208/230-3	200/220-3	404A	24	16.55	12	3/8 S	5/8 S	Call
M4WH-C025-IAA-020		01-00011.16	115-1 100-1 404A	17.9	12.77	8.97	1/4 S	3/8 S	Call

REFRIGERATION EQUIPMENT

COPELAND M-LINE CONDENSING UNITS

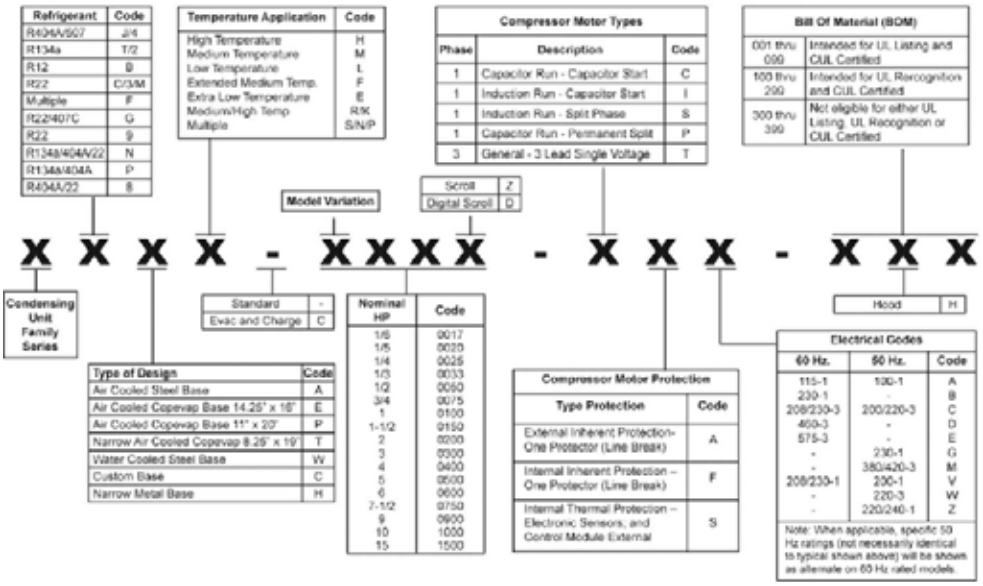


Horsepower: 1/6-3/4

Features

- Copeland Hermetic Compressor and Heavy Duty Unit Bearing Fan Motor
- All Models Rated To 110°F Ambient
- Compact Design
- Modular Components

COPELAND



AIR-COOLED

Part No.	Voltage 60 Hz	Voltage 50 Hz	Refrigerant	Size Length	Size Width	Size Height	Connections Liquid	Connections Suction	Price
M2CL-A025-IAA-111	115-1	100-1	-	17.38	12.09	9.73	1/4 S	3/8 S	Call
M2FF-0056-CFA-212	115-1	100-1	134a	17.38	14.38	12.56	1/4 S	5/8 S	Call
M2FF-E056-CFA-212	115-1	100-1	134a	17.50	14.38	12.56	1/4 S	5/8 S	Call
M2FH-0024-SAA-102	115-1	100-1	-	13.82	11.05	9.67	1/4 S	5/16 S	Call
M2FH-0024-SAA-111	115-1	100-1	-	13.82	11.05	9.67	1/4 S	5/16 S	771.00
M2FH-0025-IAA-018	115-1	100-1	-	13.72	11.49	9.62	1/4 S	5/16 S	Call
M2FH-0026-IAA-020	115-1	100-1	134a	13.96	11.81	9.67	1/4 S	3/8 S	Call
M2FH-0026-IAA-103	115-1	100-1	134a	13.82	11.53	9.67	1/4 S	3/8 S	869.00
M2FH-0026-IAA-111	115-1	100-1	-	13.82	11.53	9.67	1/4 S	3/8 S	848.00
M2FH-0026-IAA-072	115-1	100-1	134a	14.46	11.98	11.36	1/4 S	3/8 S	1093.00
M2FH-0026-IAA-102	115-1	100-1	-	13.64	11.05	9.67	1/4 S	5/16 S	Call
M2FH-0040-IAA-212	115-1	100-1	134a	16.35	12.32	8.13	1/4 S	3/8 S	Call
M2FH-0074-CFA-272	115-1	100-1	134a	17.50	14.39	12.50	1/4 S	5/8 S	1740.00
M2FH-0074-CFA-212	115-1	100-1	134a	17.50	14.38	11.82	1/4 S	5/8 S	1740.00
M2FH-0074-CFV-212	208/230-1	200-1	134a	17.50	14.39	11.92	1/4 S	5/8 S	Call
M2FH-0074-CFV-272	208/230-1	200-1	134a	17.50	14.39	12.50	1/4 S	5/8 S	1763.00
M2FH-0075-CFA-212	115-1	100-1	134a	24.00	17.33	13.07	3/8 S	5/8 S	Call
M2FH-0075-CFV-020	208/230-1	200-1	134a	24.00	17.50	13.07	3/8 S	5/8 S	Call
M2FH-0075-CFV-212	208/230-1	200-1	134a	24.00	17.50	13.07	3/8 S	5/8 S	Call
M2FH-A033-IAA-103	115-1	100-1	134a	13.82	11.47	9.67	1/4 S	3/8 S	963.00
M2FH-A033-IAA-111	115-1	100-1	134a	13.82	11.47	9.67	1/4 S	3/8 S	914.00
M2FH-A033-IAA-208	115-1	100-1	134a	13.82	11.47	9.67	1/4 S	3/8 S	Call
M2FH-A033-IAA-212	115-1	100-1	134a	13.82	11.47	9.67	1/4 S	3/8 S	Call
M2FH-A033-IAA-102	115-1	100-1	134a	13.82	11.05	9.67	1/4 S	5/16 S	Call
M2FH-A033-IAA-272	115-1	100-1	134a	14.42	12.80	11.36	1/4 S	3/8 S	1185.00
M2FH-A033-IAV-103	208/230-1	200-1	134a	13.82	11.47	9.67	1/4 S	3/8 S	963.00
M2FH-A033-IAV-111	208/230-1	200-1	134a	13.82	11.47	9.67	1/4 S	3/8 S	Call
M2FH-A033-IAV-208	208/230-1	200-1	134a	13.82	11.47	9.67	1/4 S	3/8 S	Call

AIR-COOLED CONTINUED

Part No.	Voltage		Refrigerant	Size			Connections		Price
	60 Hz	50 Hz		Length	Width	Height	Liquid	Suction	
M2FH-A033-IAV-212	208/230-1	200-1	134a	13.82	11.47	9.67	1/4 S	3/8 S	Call
M2FH-A033-IAV-272	208/230-1	200-1	134a	14.42	12.80	11.36	1/4 S	3/8 S	Call
M2FH-A050-IAA-103	115-1	100-1	134a	17.45	14.07	11.70	1/4 S	3/8 S	1444.00
M2FH-A050-IAA-111	115-1	100-1	-	17.45	13.67	11.70	1/4 S	3/8 S	Call
M2FH-A050-IAA-212	115-1	100-1	134a	16.58	14.18	11.74	1/4 S	3/8 S	Call
M2FH-A050-IAA-272	115-1	100-1	134a	16.60	13.80	11.74	1/4 S	3/8 S	1588.00
M2FH-A050-IAV-103	208/230-1	200-1	134a	17.07	13.68	11.75	1/4 S	3/8 S	Call
M2FH-A050-IAV-212	208/230-1	200-1	134a	16.60	13.70	11.74	1/4 S	3/8 S	1426.00
M2FH-A056-IAA-103	115-1	100-1	134a	17.76	14.18	11.82	1/4 S	3/8 S	Call
M2FH-A056-IAA-212	115-1	100-1	134a	17.76	14.46	11.82	1/4 S	3/8 S	Call
M2FH-A056-IAA-272	115-1	100-1	134a	17.76	14.46	11.82	1/4 S	3/8 S	Call
M2FH-A056-IAA-111	115-1	100-1	-	17.76	14.18	11.82	1/4 S	3/8 S	Call
M2FH-A056-IAV-212	208/230-1	200-1	134a	17.76	14.46	11.82	1/4 S	3/8 S	Call
M2FH-A056-IAV-272	208/230-1	200-1	134a	17.76	14.46	11.82	1/4 S	3/8 S	1920.00
M2FH-A056-IAV-103	208/230-1	200-1	134a	18.20	14.05	11.82	1/4 S	3/8 S	Call
M2FH-E033-IAA-212	115-1	100-1	134a	13.96	11.81	9.67	1/4 S	3/8 S	Call
M2FH-E049-CAA-212	115-1	100-1	134a	16.14	13.13	11.73	1/4 S	3/8 S	Call
M2FH-E056-IAA-212	115-1	100-1	134a	17.76	14.46	11.82	1/4 S	3/8 S	Call
M2FH-E074-CFA-212	115-1	100-1	134a	17.50	14.38	11.82	1/4 S	5/8 S	Call
M2FH-H017-IAA-103	115-1	100-1	134a	13.94	11.47	9.67	1/4 S	3/8 S	846.00
M2FH-H017-IAA-111	115-1	100-1	-	13.64	11.26	9.67	1/4 S	3/8 S	698.00
M2FH-H020-IAA-102	115-1	100-1	-	13.94	11.05	9.67	1/4 S	5/16 S	Call
M2FH-H020-IAA-111	115-1	100-1	-	13.94	11.05	9.67	1/4 S	5/16 S	Call
M2FH-H040-IAA-272	115-1	100-1	134a	16.64	12.42	9.71	1/4 S	3/8 S	Call
M2FH-H049-CAA-111	115-1	100-1	-	16.18	12.68	11.74	1/4 S	3/8 S	Call
M2FH-H049-CAA-103	115-1	100-1	134a	16.20	12.90	11.70	1/4 S	3/8 S	Call
M2FH-H049-CAA-212	115-1	100-1	134a	16.14	13.13	11.73	1/4 S	3/8 S	Call
M2FH-H049-CAA-272	115-1	100-1	134a	16.58	13.15	11.69	1/4 S	3/8 S	Call
M2FH-H049-IAV-212	208/230-1	200-1	134a	16.18	13.08	11.74	1/4 S	3/8 S	Call
M2FH-H049-IAV-214	208/230-1	200-1	-	16.18	13.08	11.74	1/4 S	5/16 S	Call
M2FH-H052-CAA-212	115-1	100-1	134a	16.18	13.08	11.74	1/4 S	3/8 S	Call
M2FL-0050-CFA-111	115-1	100-1	-	16.13	12.68	12.50	1/4 S	1/2 S	Call
M2FL-0050-CFA-119	115-1	100-1	134a	16.13	13.08	12.50	1/4 S	1/2 S	Call
M2FL-0050-CFA-212	115-1	100-1	134a	16.00	13.08	12.50	1/4 S	1/2 S	1445.00
M2FL-A025-IAA-103	115-1	100-1	134a	13.81	11.66	9.67	1/4 S	3/8 S	919.00
M2FL-A025-IAA-111	115-1	100-1	-	13.82	11.25	9.67	1/4 S	3/8 S	Call
M2FL-A025-IAA-020	115-1	100-1	134a	13.82	11.65	9.62	1/4 S	3/8 S	Call
M2FL-B033-IAA-103	115-1	100-1	134a	13.81	11.66	9.67	1/4 S	3/8 S	Call
M2FL-B033-IAA-111	115-1	100-1	-	13.82	11.25	9.67	1/4 S	3/8 S	Call
M2FL-B033-IAA-020	115-1	100-1	134a	14.01	11.83	9.62	1/4 S	3/8 S	Call
M2FL-H023-IAA-111	115-1	100-1	-	13.64	11.26	9.67	1/4 S	3/8 S	Call
M2FL-H040-IAA-212	115-1	100-1	134a	16.57	12.41	9.61	1/4 S	3/8 S	Call
M2FL-H040-IAA-111	115-1	100-1	-	16.53	12.16	9.71	1/4 S	3/8 S	Call
M2FL-H040-IAA-103	115-1	100-1	134a	16.53	12.43	9.71	1/4 S	3/8 S	1064.00
M2FM-0050-IAA-212	115-1	100-1	134a	16.16	13.68	11.73	1/4 S	1/2 S	Call
M2FM-0050-IAV-212	208/230-1	200-1	134a	16.16	13.68	11.73	1/4 S	1/2 S	Call
M2FM-0059-IAA-102	115-1	100-1	-	17.38	13.99	11.82	1/4 S	3/8 S	Call
M2FM-0074-CFA-212	115-1	100-1	134a	17.50	14.38	11.82	3/8 S	5/8 S	Call
M2FM-0075-CFA-020	115-1	100-1	134a	24.00	17.50	13.07	3/8 S	5/8 S	1940.00
M2FM-0075-CFV-020	208/230-1	200-1	134a	24.00	17.50	13.07	3/8 S	5/8 S	1980.00
M2FM-0075-CFV-212	208/230-1	200-1	134a	24.00	17.50	13.07	3/8 S	5/8 S	Call
M4CF-0050-IAA-212	115-1	100-1	404A	21.25	13.40	11.73	1/4 S	1/2 S	Call
M4CL-0035-IAA-212	115-1	100-1	404A	13.81	11.82	9.63	1/4 S	5/16S	Call
M4CL-0075-CAV-212	208/230-1	200-1	404A	21.25	13.33	11.66	1/4 S	5/8 S	Call
M4CL-0075-CFA-212	115-1	100-1	404A	21.25	13.33	11.66	1/4 S	5/8 S	Call
M4FF-0050-IAA-208	115-1	100-1	404A	16.13	13.68	11.73	1/4 S	1/2 S	Call
M4FF-0050-IAA-212	115-1	100-1	404A	16.13	13.68	11.73	1/4 S	1/2 S	1794.00

Part No.	Voltage		Refrigerant	Size			Connections		Price
	60 Hz	50 Hz		Length	Width	Height	Liquid	Suction	
M4FF-0050-IAV-212	208/230-1	200-1	404A	16.13	13.74	11.73	1/4 S	1/2 S	Call
M4FF-0056-CAA-212	115-1	100-1	404A	17.50	14.38	11.82	1/4 S	5/8 S	Call
M4FF-0056-IAA-103	115-1	100-1	404A	17.38	13.99	11.82	1/4 S	5/8 S	Call
M4FF-0056-IAA-212	115-1	100-1	404A	17.50	14.38	11.82	1/4 S	5/8 S	Call
M4FF-0056-IAA-214	115-1	100-1	-	17.50	14.38	11.82	1/4 S	3/8 S	Call
M4FF-0056-IAA-272	115-1	100-1	404A	17.38	14.38	11.82	1/4 S	5/8 S	Call
M4FF-0056-IAV-020	208/230-1	200-1	404A	17.50	14.90	12.11	1/4 S	5/8 S	Call
M4FF-0056-IAV-103	208/230-1	200-1	404A	17.38	13.99	11.82	1/4 S	5/8 S	Call
M4FF-0056-IAV-212	208/230-1	200-1	404A	17.50	14.38	11.82	1/4 S	5/8 S	Call
M4FF-0056-IAV-272	208/230-1	200-1	404A	17.38	14.38	11.82	1/4 S	5/8 S	Call
M4FF-0059-IAA-272	115-1	100-1	404A/407C	24.00	17.11	13.06	3/8 S	5/8 S	Call
M4FF-0059-IAV-272	208/230-1	200-1	404A/407C	24.00	17.13	13.01	3/8 S	5/8 S	Call
M4FF-0075-CAA-020	115-1	100-1	404A/407C	24.00	17.06	13.07	3/8 S	5/8 S	2430.00
M4FF-0075-CAA-212	115-1	100-1	404A/407C	24.00	17.06	13.07	3/8 S	5/8 S	Call
M4FF-0075-CAA-272	115-1	100-1	404A/407C	24.00	17.06	13.07	3/8 S	5/8 S	Call
M4FF-0075-CAV-020	208/230-1	200-1	404A/407C	24.00	17.06	13.07	3/8 S	5/8 S	1949.00
M4FF-0075-CAV-212	208/230-1	200-1	404A/407C	24.00	17.06	13.07	3/8 S	5/8 S	Call
M4FF-0075-CAV-272	208/230-1	200-1	404A/407C	24.00	17.06	13.07	3/8 S	5/8 S	Call
M4FF-0077-CFA-208	115-1	100-1	404A	17.51	14.39	11.82	1/4 S	5/8 S	Call
M4FF-0077-CFA-212	115-1	100-1	404A	17.51	14.39	11.82	1/4 S	5/8 S	Call
M4FF-0077-IAV-208	208/230-1	200-1	404A	17.49	14.39	11.82	1/4 S	5/8 S	Call
M4FF-0077-IAV-212	208/230-1	200-1	404A	17.49	14.39	11.82	1/4 S	5/8 S	Call
M4FF-0080-CAV-020	208/230-1	200-1	404A	24.00	16.89	13.07	3/8 S	5/8 S	2209.00
M4FF-0080-CAV-212	208/230-1	200-1	404A	24.00	16.89	13.07	3/8 S	5/8 S	Call
M4FF-0080-CAV-072	208/230-1	200-1	404A	24.00	16.97	13.08	3/8 S	5/8 S	Call
M4FF-0080-CFA-020	115-1	100-1	404A	24.00	16.89	13.07	3/8 S	5/8 S	2146.00
M4FF-0080-CFA-212	115-1	100-1	404A	24.00	16.89	13.07	3/8 S	5/8 S	Call
M4FF-0080-CFA-017	115-1	100-1	-	24.00	16.34	13.08	3/8 S	5/8 S	Call
M4FF-0080-IAV-020	208/230-1	200-1	404A	24.00	16.86	13.07	3/8 S	5/8 S	2066.00
M4FF-0080-IAV-212	208/230-1	200-1	404A	24.00	16.86	13.07	3/8 S	5/8 S	Call
M4FF-0080-IAV-072	208/230-1	200-1	404A	24.00	16.97	13.08	3/8 S	5/8 S	Call
M4FF-0080-IAV-075	208/230-1	200-1	404A	24.00	16.97	13.08	3/8 S	5/8 S	Call
M4FF-E050-IAA-212	115-1	100-1	404A	16.13	13.68	11.73	1/4 S	1/2 S	Call
M4FF-E075-CAA-212	115-1	100-1	404A	24.00	17.06	13.02	3/8 S	5/8 S	Call
M4FF-E075-CAV-212	208/230-1	200-1	404A/407C	24.00	16.34	13.02	3/8 S	5/8 S	Call
M4FF-E080-CAV-212	208/230-1	200-1	404A	24.00	16.89	13.07	1/4 S	5/8 S	Call
M4FH-0025-IAA-212	115-1	100-1	404A/407C	13.96	11.81	9.67	1/4 S	3/8 S	1310.00
M4FH-0025-IAA-103	115-1	100-1	404A/407C	13.82	11.47	9.67	1/4 S	3/8 S	1128.00
M4FH-0025-IAA-111	115-1	100-1	-	13.94	11.28	9.67	1/4 S	3/8 S	Call
M4FH-0025-IAA-272	115-1	100-1	404A/407C	14.46	11.99	11.36	1/4 S	3/8 S	1331.00
M4FH-0050-CAA-111	115-1	100-1	-	16.18	12.72	11.81	1/4 S	3/8 S	Call
M4FH-0050-CAA-103	115-1	100-1	404A/407C	16.20	12.97	11.75	1/4 S	3/8 S	Call
M4FH-0050-CAA-272	115-1	100-1	404A/407C	16.30	13.08	11.73	1/4 S	3/8 S	1639.00
M4FH-0050-CAV-103	208/230-1	200-1	404A/407C	16.20	12.97	11.75	1/4 S	3/8 S	Call
M4FH-0050-CAV-272	208/230-1	200-1	404A/407C	16.30	13.08	11.73	1/4 S	3/8 S	Call
M4FH-A036-IAA-103	115-1	100-1	404A/407C	16.00	12.82	11.74	1/4 S	3/8 S	1283.00
M4FH-A036-IAA-111	115-1	100-1	-	16.06	12.69	11.78	1/4 S	3/8 S	Call
M4FH-A036-IAA-208	115-1	100-1	-	16.06	12.69	11.78	1/4 S	3/8 S	Call
M4FH-A036-IAA-212	115-1	100-1	404A/407C	16.18	13.11	11.73	1/4 S	3/8 S	Call
M4FH-A036-IAA-272	115-1	100-1	404A/407C	16.64	13.08	11.73	1/4 S	3/8 S	Call
M4FH-A036-IAV-103	208/230-1	200-1	404A/407C	16.00	12.82	11.74	1/4 S	3/8 S	1299.00
M4FH-A036-IAV-208	208/230-1	200-1	404A/407C	16.06	13.08	11.73	1/4 S	3/8 S	Call
M4FH-A036-IAV-212	208/230-1	200-1	404A/407C	16.06	13.08	11.73	1/4 S	3/8 S	1338.00
M4FH-A036-IAV-272	208/230-1	200-1	404A/407C	16.30	13.08	11.73	1/4 S	3/8 S	Call
M4FH-E025-IAA-212	115-1	100-1	404A	13.96	11.81	9.67	1/4 S	3/8 S	Call
M4FH-E050-CAA-212	115-1	100-1	404A	16.18	13.08	11.73	1/4 S	3/8 S	Call
M4FL-0033-IAA-017	115-1	100-1	-	13.98	11.54	9.62	1/4 S	3/8 S	Call
M4FL-0033-IAA-111	115-1	100-1	-	13.98	11.54	9.62	1/4 S	3/8 S	1074.00

REFRIGERATION EQUIPMENT

COPELAND M-LINE CONDENSING UNITS

AIR-COOLED CONTINUED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
M4FL-0033-IAA-020	115-1	100-1	404A	13.96	11.81	9.67	1/4 S	3/8 S	1133.00
M4FL-0033-IAA-103	115-1	100-1	404A	13.82	11.47	9.67	1/4 S	3/8 S	1101.00
M4FL-0033-IAA-072	115-1	100-1	404A	14.42	12.80	11.36	1/4 S	3/8 S	1191.00
M4FL-0040-IAA-272	115-1	100-1	404A	16.64	13.08	11.73	1/4 S	3/8 S	1536.00
M4FL-0040-IAA-103	115-1	100-1	404A	16.06	13.03	11.74	1/4 S	3/8 S	1290.00
M4FL-0040-IAA-111	115-1	100-1	-	16.06	12.69	11.74	1/4 S	3/8 S	Call
M4FL-0040-IAA-208	115-1	100-1	-	16.06	12.69	11.74	1/4 S	3/8 S	Call
M4FL-0040-IAV-272	208/230-1	200-1	404A	16.64	13.08	11.73	1/4 S	3/8 S	Call
M4FL-0074-CFA-214	115-1	100-1	-	17.50	14.39	12.09	1/4 S	1/2 S	Call
M4FL-A067-CAA-103	115-1	100-1	404A	17.76	14.13	11.82	1/4 S	1/2 S	Call
M4FL-A067-CAA-111	115-1	100-1	404A	17.76	14.13	11.82	1/4 S	1/2 S	Call
M4FL-A067-CAA-212	115-1	100-1	404A	17.76	14.46	11.82	1/4 S	1/2 S	Call
M4FL-A067-CAA-272	115-1	100-1	404A	17.76	14.46	11.82	1/4 S	1/2 S	Call
M4FL-A067-CAV-212	208/230-1	200-1	404A	17.76	14.46	11.82	1/4 S	1/2 S	Call
M4FL-A067-CAV-272	208/230-1	200-1	404A	17.76	14.46	11.82	1/4 S	1/2 S	Call
M4FL-H025-IAA-020	115-1	100-1	404A	13.98	11.83	9.63	1/4 S	3/8 S	Call
M4FL-H025-IAA-072	115-1	100-1	404A	14.46	13.17	11.40	1/4 S	3/8 S	Call
M4FL-H051-IAA-103	115-1	100-1	404A	17.38	12.94	11.76	1/4 S	3/8 S	Call
M4FL-H051-IAA-272	115-1	100-1	404A	17.78	13.11	11.81	1/4 S	3/8 S	Call
M4FM-E022-IAA-212	115-1	100-1	404A	13.98	11.83	9.62	1/4 S	3/8 S	Call
M4FM-H022-IAA-111	115-1	100-1	-	13.97	11.26	9.67	1/4 S	3/8 S	Call
M4FM-H022-IAA-212	115-1	100-1	404A	13.98	11.83	9.62	1/4 S	3/8 S	Call
M4FM-H022-IAA-272	115-1	100-1	404A	14.49	12.88	11.39	1/4 S	3/8 S	Call
MBAH-0075-CFA-020	115-1	100-1	12	24.00	17.48	13.07	3/8 S	5/8 S	Call
MBAH-0075-CFV-020	208/230-1	200-1	12	24.00	17.48	13.07	3/8 S	5/8 S	Call
MBAM-0050-IAA-212	115-1	100-1	12	16.15	13.68	11.74	1/4 S	1/2 S	1307.00
MBAM-0050-IAV-212	208/230-1	200-1	12	16.15	13.68	11.74	1/4 S	1/2 S	Call
MBAM-0075-CFA-020	115-1	100-1	12	24.00	17.51	13.07	3/8 S	5/8 S	Call
MBAM-0075-CFV-020	208/230-1	200-1	12	24.00	17.51	13.07	3/8 S	5/8 S	Call
MBFH-A049-CAA-272	115-1	100-1	12	16.14	13.08	11.73	1/4 S	3/8 S	Call
MBFH-A050-IAA-272	115-1	100-1	12	16.60	13.70	11.70	1/4 S	3/8 S	Call
MBFH-B026-IAA-111	115-1	100-1	-	13.94	11.25	9.67	1/4 S	3/8 S	Call
MBFH-B026-IAA-103	115-1	100-1	12	13.91	11.47	9.67	1/4 S	3/8 S	Call
MBFH-B026-IAA-072	115-1	100-1	12	14.46	13.13	11.39	1/4 S	3/8 S	Call
MBFL-A034-IAA-020	115-1	100-1	12	16.20	12.42	9.67	1/4 S	3/8 S	Call
MBFL-A034-IAA-103	115-1	100-1	12	16.20	12.42	9.67	1/4 S	3/8 S	Call
MBFL-A034-IAA-111	115-1	100-1	-	16.20	13.16	9.67	1/4 S	3/8 S	Call
MBFS-A033-IAA-103	115-1	100-1	12	13.96	11.47	9.67	1/4 S	3/8 S	Call
MBFS-A033-IAA-111	115-1	100-1	-	13.96	11.23	9.67	1/4 S	3/8 S	Call
MBFS-A033-IAA-272	115-1	100-1	12	14.46	13.13	11.39	1/4 S	3/8 S	Call
MCFH-0078-CAA-072	115-1	100-1	22	24.00	17.14	13.07	3/8 S	5/8 S	1786.00
MCFH-0078-CAV-072	208/230-1	200-1	22	24.00	17.14	13.07	3/8 S	5/8 S	2006.00
MCFH-A022-IAA-111	115-1	100-1	-	13.94	11.25	9.67	1/4 S	3/8 S	Call
MCFH-A022-IAA-103	115-1	100-1	22	13.94	11.70	9.67	1/4 S	3/8 S	Call
MCFH-A036-IAA-103	115-1	100-1	22	16.15	12.87	11.74	1/4 S	3/8 S	1095.00
MCFH-A036-IAA-272	115-1	100-1	22	16.33	13.08	11.73	1/4 S	3/8 S	1182.00
MCFH-A049-CAA-272	115-1	100-1	22	16.56	13.08	11.74	1/4 S	3/8 S	1196.00
MCFH-A049-CAA-111	115-1	100-1	-	16.20	12.71	11.75	1/4 S	3/8 S	Call
MCFH-A049-IAV-272	208/230-1	200-1	22	16.57	13.08	11.74	1/4 S	3/8 S	Call
MCFH-A056-IAA-272	115-1	100-1	22	17.38	14.38	11.82	1/4 S	5/8 S	1541.00
MCFH-A056-IAV-272	208/230-1	200-1	22	17.38	14.38	11.82	1/4 S	5/8 S	1556.00
MCFH-B027-IAA-103	115-1	100-1	22	13.91	11.47	9.67	1/4 S	3/8 S	1026.00
MCFH-B027-IAA-111	115-1	100-1	-	13.91	11.32	9.67	1/4 S	3/8 S	Call
MCFH-B027-IAA-272	115-1	100-1	22	14.46	13.13	11.39	1/4 S	3/8 S	Call

COPELAND M-LINE CONDENSING UNITS

AIR-COOLED CONTINUED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
MCFH-B036-IAA-272	115-1	100-1	22	16.54	13.08	11.73	1/4 S	3/8 S	Call
MCFH-B036-IAA-111	115-1	100-1	-	16.16	12.69	11.74	1/4 S	4/8 S	Call
MFFP-H022-IAA-272	115-1	100-1	404A/407C	14.49	12.88	11.39	1/4 S	3/8 S	Call

COPEVAP AIR-COOLED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
M4PH-0025-IAA-111	115-1	100-1	-	19.88	11	10.52	1/4 S	3/8 S	Call
M4PH-0049-CAA-208	115-1	100-1	-	19.88	11.08	10.46	1/4 S	3/8 S	Call
M4PH-A035-IAA-111	115-1	100-1	404A	19.88	11.15	10.46	1/4 S	3/8 S	Call
M4PH-A035-IAA-212	115-1	100-1	404A	19.88	11.15	10.46	1/4 S	3/8 S	Call
M4PH-A035-IAV-208	208/230-1	200-1	404A	19.88	11.15	10.46	1/4 S	3/8 S	Call
M4PH-A035-IAV-212	208/230-1	200-1	404A	19.88	11.15	10.46	1/4 S	3/8 S	Call
M4PL-0033-IAA-020	115-1	100-1	404A	19.88	11.25	10.46	1/4 S	3/8 S	Call
M4PL-0039-IAA-103	115-1	100-1	404A	19.88	11.08	10.44	1/4 S	3/8 S	Call
M4PL-0039-IAA-111	115-1	100-1	404A	19.88	11.08	10.44	1/4 S	3/8 S	Call
M4PL-0039-IAA-208	115-1	100-1	404A	19.88	11.08	10.44	1/4 S	3/8 S	Call
M4PL-0039-IAA-212	115-1	100-1	404A	19.88	11.08	10.44	1/4 S	3/8 S	Call
M4PL-H050-IAA-103	115-1	100-1	404A	19.88	11.15	10.46	1/4 S	3/8 S	Call
M4PL-H050-IAA-212	115-1	100-1	404A	19.88	11.15	10.46	1/4 S	3/8 S	2007.00
M4TL-H025-IAA-908	115-1	100-1	-	19	8.47	10.53	1/4 S	5/16 S	Call
M4TL-H025-IAA-918	115-1	100-1	404A	19	9.35	10.53	1/4 S	5/16 S	Call
M4TL-H033-IAA-908	115-1	100-1	-	19	8.47	10.53	1/4 S	5/16 S	Call
M4TL-H033-IAA-918	115-1	100-1	404A	19	9.35	10.53	1/4 S	5/16 S	Call
M4TL-H034-IAA-908	115-1	100-1	-	19	8.47	10.53	1/4 S	5/16 S	Call
M4TL-H034-IAA-918	115-1	100-1	404A	19	9.35	10.53	1/4 S	5/16 S	Call
M4TM-0033-IAA-908	115-1	100-1	-	19	8.47	10.53	1/4 S	5/16 S	Call
M4TM-0033-IAA-918	115-1	100-1	404A	19	9.35	10.53	1/4 S	5/16 S	Call
M4TM-0033-IAV-908	208/230-1	200-1	-	19	8.47	10.53	1/4 S	5/16 S	1052.00
M4TM-0033-IAV-918	208/230-1	200-1	404A	19	9.35	10.53	1/4 S	5/16 S	Call
M4TM-H020-IAA-908	115-1	100-1	-	19	8.47	10.53	1/4 S	5/16 S	Call
M4TM-H020-IAA-918	115-1	100-1	404A	19	9.46	10.53	1/4 S	5/16 S	Call
M4TM-H025-IAA-908	115-1	100-1	-	19	8.47	10.53	1/4 S	5/16 S	Call
M4TM-H025-IAA-918	115-1	100-1	404A	19	9.35	10.53	1/4 S	5/16 S	Call
MCEH-A048-CAA-212	115-1	100-1	22	16.06	15.13	11.77	1/4 S	3/8 S	Call
MCPH-A035-IAA-212	115-1	100-1	22	19.88	11.08	10.46	1/4 S	3/8 S	Call
MCPH-A048-CAA-212	115-1	100-1	22	19.88	11.15	10.47	1/4 S	3/8 S	1486.00
MCPH-A048-IAV-212	208/230-1	200-1	22	19.88	11.15	10.46	1/4 S	3/8 S	Call
MCPH-B027-IAA-212	115-1	100-1	22	19.88	11.25	10.46	1/4 S	3/8 S	Call
M2EH-0024-SAA-102	115-1	100-1	-	16	14.25	10.52	1/4 S	5/16 S	Call
M2EH-0026-IAA-020	115-1	100-1	134a	16	14.25	10.47	1/4 S	3/8 S	Call
M2EH-0026-IAA-103	115-1	100-1	134a	16	14.25	10.47	1/4 S	3/8 S	Call
M2EH-0026-IAA-111	115-1	100-1	134a	16	14.25	10.47	1/4 S	3/8 S	Call
M2EH-0075-CFA-212	115-1	100-1	134a	24	17.12	13.58	3/8 S	5/8 S	Call
M2EH-0090-CFV-208	208/230-1	200-1	-	24	16.8	13.58	3/8 S	5/8 S	Call
M2EH-A033-IAA-208	115-1	100-1	134a	16	14.25	10.47	1/4 S	3/8 S	Call
M2EH-A033-IAA-212	115-1	100-1	134a	16	14.25	10.47	1/4 S	3/8 S	Call
M2EH-H047-CAA-212	115-1	100-1	134a	16.04	15.13	11.77	1/4 S	3/8 S	Call
M2EL-0050-CFA-212	115-1	100-1	134a	17.36	15.54	13.31	1/4 S	1/2 S	Call
M2EL-B033-IAA-020	115-1	100-1	134a	16	14.25	10.46	1/4 S	3/8 S	Call

COPEVAP AIR-COOLED CONTINUED

Part No.	Voltage		Refrigerant	Size			Connections		Price
	60 Hz	50 Hz		Length	Width	Height	Liquid	Suction	
M2EM-0052-IAA-212	115-1	100-1	134a	16.91	15.57	11.77	1/4 S	1/2 S	Call
M2EM-0052-IAA-208	115-1	100-1	-	16.9	15.57	11.77	3/8 S	1/2 S	Call
M2EM-0052-IAA-103	115-1	100-1	134a	17.03	15.57	11.75	1/4 S	1/2 S	Call
M2EM-0059-IAV-102	208/230-1	200-1	-	24	16.86	13.59	1/4 S	3/8 S	Call
M2EM-0075-CFA-212	115-1	100-1	134a	24	16.8	13.58	3/8 S	5/8 S	Call
M2EM-0075-CFV-212	208/230-1	200-1	134a	24	16.75	13.58	3/8 S	5/8 S	Call
M2EM-0078-CFV-212	208/230-1	200-1	134a	24	17.11	13.59	3/8 S	5/8 S	Call
M2EM-A048-IAA-111	115-1	100-1	-	16.52	15.12	11.83	1/4 S	3/8 S	Call
M2EM-A048-IAA-212	115-1	100-1	134a	16.26	15.12	11.83	1/4 S	3/8 S	Call
M2EM-A048-IAV-212	208/230-1	200-1	134a	16.23	15.52	11.77	1/4 S	3/8 S	Call
M2EM-A048-IAV-103	208/230-1	200-1	134a	16.67	15.43	11.77	1/4 S	3/8 S	Call
M2PH-0026-IAA-020	115-1	100-1	134a	19.88	11.25	10.46	1/4 S	3/8 S	Call
M2PH-0026-IAA-103	115-1	100-1	134a	19.88	11.2	10.52	1/4 S	3/8 S	Call
M2PH-0040-IAA-208	115-1	100-1	-	19.88	11.08	10.45	1/4 S	3/8 S	Call
M2PH-0040-IAA-214	115-1	100-1	-	19.88	11.08	10.45	1/4 S	5/16 S	Call
M2PH-A033-IAA-212	115-1	100-1	134a	19.88	11.25	10.46	1/4 S	3/8 S	Call
M2PH-A033-IAA-103	115-1	100-1	134a	19.88	11.08	10.52	1/4 S	3/8 S	Call
M2PH-A033-IAA-208	115-1	100-1	-	19.88	11.07	10.46	1/4 S	3/8 S	Call
M2PH-A033-IAA-111	115-1	100-1	-	19.88	11	10.52	1/4 S	3/8 S	Call
M2PH-A033-IAV-212	208/230-1	200-1	134a	19.88	11.17	10.46	1/4 S	3/8 S	Call
M2PH-A033-IAV-103	208/230-1	200-1	134a	19.88	11.08	10.52	1/4 S	3/8 S	Call
M2PH-A033-IAV-208	208/230-1	200-1	-	19.88	11.07	10.46	1/4 S	3/8 S	Call
M2PH-H047-CAA-208	115-1	100-1	-	19.88	11.08	10.44	1/4 S	3/8 S	Call
M2PH-H047-CAA-212	115-1	100-1	-	19.88	11.08	10.44	1/4 S	3/8 S	Call
M2PH-H047-IAV-212	208/230-1	200-1	134a	19.88	11.15	10.47	1/4 S	3/8 S	Call
M2PH-M033-IAA-103	115-1	100-1	134a	19.88	11.08	10.52	1/4 S	3/8 S	Call
M2PL-A025-IAA-212	115-1	100-1	134a	19.88	11.25	10.46	1/4 S	3/8 S	Call
M2PL-B033-IAA-020	115-1	100-1	134a	19.88	11.29	10.47	1/4 S	3/8 S	Call
M2PL-H040-IAA-212	115-1	100-1	134a	19.88	11.15	10.46	1/4 S	3/8 S	Call
M2PL-H040-IAA-103	115-1	100-1	134a	19.88	11.08	10.46	1/4 S	3/8 S	Call
M2TH-0024-IAA-908	115-1	100-1	-	19	8.47	10.53	1/4 S	5/16 S	Call
M2TH-0024-IAA-918	115-1	100-1	134a	19	9.35	10.53	1/4 S	5/16 S	Call
M2TH-0026-IAA-908	115-1	100-1	-	19	8.47	10.53	1/4 S	5/16 S	Call
M2TH-0026-IAA-918	115-1	100-1	134a	19	9.35	10.53	1/4 S	5/16 S	Call
M2TH-H017-IAA-908	115-1	100-1	-	19	8.47	10.53	1/4 S	5/16 S	Call
M2TH-H017-IAA-918	115-1	100-1	134a	19	9.46	10.53	1/4 S	5/16 S	Call
M2TH-H020-IAA-908	115-1	100-1	-	19	8.47	10.53	1/4 S	5/16 S	Call
M2TH-H020-IAA-918	115-1	100-1	134a	19	9.46	10.53	1/4 S	5/16 S	Call
M2TH-H033-IAA-908	115-1	100-1	-	19	8.47	10.53	1/4 S	5/16 S	Call
M2TH-H033-IAA-918	115-1	100-1	134a	19	9.35	10.53	1/4 S	5/16 S	Call
M4EF-0050-IAA-212	115-1	100-1	404A	17.03	15.56	11.75	1/4 S	1/2 S	Call
M4EF-0058-IAA-072	115-1	100-1	404A	24	17.15	13.58	3/8 S	1/2 S	Call
M4EF-0058-IAA-272	115-1	100-1	404A	24	17.15	13.58	3/8 S	1/2 S	Call
M4EF-0075-CAA-212	115-1	100-1	404A	24	16.82	13.58	3/8 S	5/8 S	Call
M4EF-0080-CFA-212	115-1	100-1	404A	24	16.82	13.59	3/8 S	5/8 S	Call
M4EH-0025-IAA-212	115-1	100-1	404A	16	14.25	10.47	1/4 S	3/8 S	Call
M4EH-0049-CAA-020	115-1	100-1	404A	16.17	15.41	11.75	1/4 S	3/8 S	Call
M4EH-0049-CAA-103	115-1	100-1	404A	16.17	15.41	11.75	1/4 S	3/8 S	Call
M4EH-0049-CAA-208	115-1	100-1	404A	16.17	15.41	11.75	1/4 S	3/8 S	Call
M4EH-0049-CAA-212	115-1	100-1	404A	16.17	15.41	11.75	1/4 S	3/8 S	1924.00
M4EH-0049-CAV-212	208/230-1	200-1	404A	16.08	15.12	11.75	1/4 S	3/8 S	Call
M4EH-A035-IAA-212	115-1	100-1	404A	16.03	15.12	11.83	1/4 S	3/8 S	Call
M4EH-A035-IAA-208	115-1	100-1	-	16.03	15.12	11.81	1/4 S	3/8 S	Call
M4EH-A035-IAA-103	115-1	100-1	404A	16.06	15.12	11.78	1/4 S	3/8 S	Call
M4EH-A035-IAA-111	115-1	100-1	404A	16.06	15.12	11.78	1/4 S	3/8 S	Call
M4EH-A035-IAV-212	208/230-1	200-1	404A	16.03	15.12	11.83	1/4 S	3/8 S	Call
M4EL-0033-IAA-212	115-1	100-1	404A	16	14.25	10.47	1/4 S	3/8 S	Call

COPELAND M-LINE CONDENSING UNITS

COPEVAP AIR-COOLED CONTINUED

	Voltage			Size			Connections		
Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
M4EL-0033-IAA-103	115-1	100-1	404A	16	14.25	10.52	1/4 S	3/8 S	Call
M4EL-0039-IAA-111	115-1	100-1	-	16.06	15.12	11.78	1/4 S	3/8 S	Call
M4EL-H050-IAA-103	115-1	100-1	404A	16.03	15.12	11.77	1/4 S	3/8 S	Call
M4EL-H050-IAA-212	115-1	100-1	404A	16.03	15.12	11.77	1/4 S	3/8 S	Call
M4PH-0025-IAA-212	115-1	100-1	404A	19.88	11.25	10.46	1/4 S	3/8 S	1654.00
M4PH-0025-IAA-208	115-1	100-1	-	19.88	11.07	10.46	1/4 S	3/8 S	Call

WELDED WATER-COOLED

Part No.	60 Hz	50 Hz	Refrigerant	Length	Width	Height	Liquid	Suction	Price
M2WH-C026-IAA-020	115-1	100-1	134a	17.9	12.98	8.65	1/4 S	3/8 S	Call
M2WH-C033-IAA-020	115-1	100-1	134a	17.9	12.98	8.65	1/4 S	3/8 S	1544.00
M2WH-C033-IAV-020	115-1	100-1	134a	17.9	12.98	8.65	1/4 S	3/8 S	Call
M2WH-C040-IAA-020	115-1	100-1	134a	17.9	12.98	8.65	1/4 S	3/8 S	Call
M2WH-D050-IAA-020	115-1	100-1	134a	13.8	18.6	9.3	1/4 S	3/8 S	Call
M2WH-D050-IAV-020	208/230-1	200-1	134a	13.8	18.6	9.3	1/4 S	3/8 S	Call
M2WH-D056-IAA-020	115-1	100-1	134a	18.5	13.8	9.8	1/4 S	3/8 S	Call
M2WH-D056-IAV-020	208/230-1	200-1	134a	12.8	17.9	9.2	1/4 S	3/8 S	Call
M2WH-H049-IAV-020	208/230-1	200-1	134a	18.2	12.9	9.3	1/4 S	3/8 S	Call
M2WM-C075-CFA-020	115-1	100-1	134a	24	17.58	12.1	3/8 S	5/8 S	Call
M2WM-C075-CFV-020	208/230-1	200-1	134a	24	16.5	12.1	3/8 S	5/8 S	Call
M4WF-C056-IAA-020	115-1	100-1	404A	17.4	12.7	10.5	1/4 S	5/8 S	Call
M4WF-C056-IAV-020	208/230-1	200-1	404A	17.4	12.7	10.5	1/4 S	5/8 S	2204.00
M4WF-C075-CAA-020	115-1	100-1	404A	24	16.1	10.7	3/8 S	5/8 S	Call
M4WF-C075-CAV-020	208/230-1	200-1	404A	24	16.1	10.7	3/8 S	5/8 S	2289.00
M4WH-C036-IAA-020	115-1	100-1	404A	17.9	12.77	8.76	1/4 S	3/8 S	Call
M4WH-C036-IAV-020	208/230-1	200-1	404A	17.9	12.77	8.76	1/4 S	3/8 S	1624.00
M4WH-C050-CAA-020	115-1	100-1	404A	17.9	12.77	9.26	1/4 S	3/8 S	Call
M4WH-C050-CAV-020	208/230-1	200-1	404A	17.9	12.77	9.26	1/4 S	3/8 S	Call
M4WL-C033-IAA-020	115-1	100-1	404A	24	16.41	9.51	1/4 S	3/8 S	Call
M4WL-C040-IAA-020	115-1	100-1	404A	24	16.41	9.51	1/4 S	3/8 S	Call
M4WL-C075-CFA-020	115-1	100-1	404A	24	16.4	10.7	3/8 S	5/8 S	Call
M4WL-C075-IAV-020	208/230-1	200-1	404A	24	16.4	10.7	3/8 S	5/8 S	Call
M4WL-D067-CAA-020	115-1	100-1	404A	24	16.4	9.9	1/4 S	1/2 S	Call
M4WL-H025-IAA-020	115-1	100-1	404A	24	16.41	9.51	1/4 S	3/8 S	Call
M4WL-H051-IAA-020	115-1	100-1	404A	24	16.41	9.51	1/4 S	3/8 S	Call
MCWH-0078-CAA-020	115-1	100-1	22	24.23	17.79	10.71	3/8 S	5/8 S	Call
MCWH-0078-CAV-072	208/230-1	200-1	22	24.3	17.8	12.4	3/8 S	5/8 S	Call
MCWH-A056-IAA-020	115-1	100-1	22	17.9	12.7	10.5	1/4 S	5/8 S	Call
MCWH-A056-IAV-020	208/230-1	200-1	22	17.9	12.7	10.5	1/4 S	5/8 S	Call
MCWH-D036-IAA-020	115-1	100-1	22	17.2	12.8	9	1/4 S	3/8 S	Call
MCWH-D049-CAA-020	115-1	100-1	22	17.92	12.93	8.96	1/4 S	3/8 S	Call

REFRIGERATION EQUIPMENT

AIR COOLED SCROLL OUTDOOR CONDENSING UNIT

HIGH TEMPERATURE

Standard Unit Features

- Pre-painted enclosures for corrosion protection.
- Heavy duty steel base with 1" raised legs.
- Brass service valves located externally for easy access.
- Raised electrical access panel for easier serviceability.
- Receivers with fusible plug, liquid shut-off valve and charging port.
- Easy to read moisture indicator.
- Variable-speed PSC fan motors.
- Advanced performance alert diagnostics.
- Over-sized condenser coils with additional fin corrosion protection for coastal zones.
- Light weight, slim-line profile for maneuverability and ease of installation.
- All units are factory tested for braze joint leaks, wiring connections, electrical continuity and start-up performance.
- Oil seperator and accumulator standard on low temperature models.
- Operating ambient is 120°F to -10°F*

COPELAND

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap (Lbs)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				L	W	H		Suction	Liquid		
XJAM015ZCFV002	1.5	208-230/1/60	13.3	33	16-3/4	40-1/2	7.5	3/4	1/2	182	Call
XJAM020ZCFV002	2	208-230/1/60	18.7	33	16-3/4	40-1/2	7.5	3/4	1/2	182	Call
XJAM020ZTFC002	2	208-230/3/60	11.1	33	16-3/4	40-1/2	7.5	3/4	1/2	182	Call
XJAM030ZCFV002	3	208-230/1/60	24.3	33	16-3/4	40-1/2	7.5	3/4	1/2	194	Call
XJAM030ZTFC002	3	208-230/3/60	14.7	33	16-3/4	40-1/2	7.5	3/4	1/2	194	5547.00
XJAM040ZCFV002	4	208-230/1/60	32.1	49	16-3/4	40-1/2	11	7/8	1/2	250	Call
XJAM040ZTFC002	4	208-230/3/60	19.7	49	16-3/4	40-1/2	11	7/8	1/2	250	Call
XJAM050ZCFV002	5	208-230/1/60	36.6	49	16-3/4	40-1/2	11	7/8	1/2	258	Call
XJAM050ZTFC002	5	208-230/3/60	29.0	49	16-3/4	40-1/2	11	7/8	1/2	258	Call
XJAM060ZTFC002	6	208-230/3/60	28.1	49	16-3/4	40-1/2	11	7/8	1/2	270	Call

LOW TEMPERATURE

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Receiver Cap (Lbs)	Connections (In.)		Ship Wgt. (Lbs.)	Price
				L	W	H		Suction	Liquid		
XJAL020ZCFV002	2	208-230/1/60	19.4	33	16-3/4	40-1/2	7.5	3/4	1/2	188	Call
XJAL020ZTFC002	2	208-230/3/60	14.7	33	16-3/4	40-1/2	7.5	3/4	1/2	188	6593.00
XJAL030ZTFC002	3	208-230/3/60	15.4	33	16-3/4	40-1/2	7.5	3/4	1/2	192	6858.00
XJAL035ZCFV002	3.5	208-230/1/60	30.7	33	16-3/4	40-1/2	7.5	7/8	1/2	213	Call
XJAL040ZCFV002	4	208-230/1/60	36.1	49	16-3/4	40-1/2	11	7/8	1/2	251	Call
XJAL040ZTFC002	4	208-230/3/60	24.5	49	16-3/4	40-1/2	11	7/8	1/2	251	Call
XJAL050ZCFV002	5	208-230/1/60	40.4	49	16-3/4	40-1/2	11	7/8	1/2	267	Call
XJAL050ZTFC002	5	208-230/3/60	26.1	49	16-3/4	40-1/2	11	7/8	1/2	287	Call
XJAL060ZTFC002	6	208-230/3/60	30.7	49	16-3/4	40-1/2	11	7/8	1/2	291	Call

AIR COOLED HERMETIC INDOOR CONDENSING UNIT

HIGH TEMPERATURE (1/6 TO 1/3 HP),EVAPCON, R134a



Tecumseh

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Connections (In.)		Features	Ship Wgt. (Lbs.)	Price
				L	W	H	Suction	Liquid			
AEA3414YXAGK	1/6	115/1/60	4	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA3414YXAGL	1/6	115/1/60	4	19	8.7	10.3	5/16	1/4	G	40	Call
AEB3414YXAGC	1/6	115/1/60	4	19	9.7	10.3	5/16 VLV	1/4 VLV	R,V,G,C	41	Call
AEA3417YXAGK	1/5	115/1/60	4.8	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA3417YXAGL	1/5	115/1/60	4.8	19	8.7	10.3	5/16	1/4	G	40	Call
AEB3417YXAGB	1/5	115/1/60	4.8	19	9.7	10.3	5/16	1/4	R,G,C	40	Call
AEB3417YXAGC	1/5	115/1/60	4.8	19	9.7	10.3	5/16 VLV	1/4 VLV	R,V,G,C	41	Call
AEA3425YXAGK	1/5	115/1/60	6	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA3425YXAGL	1/5	115/1/60	6	19	8.7	10.3	5/16	1/4	G	40	Call
AEA3425YXDGK	1/5	208-230/1/60	—	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA3425YXDGL	1/5	208-230/1/60	—	19	8.7	10.3	5/16	1/4	G	40	Call
AEA3430YXAGK	1/4	115/1/60	7	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA3430YXAGL	1/4	115/1/60	7	19	8.7	10.3	5/16	1/4	G	40	Call
AEA4430YXAGK	1/4	115/1/60	7	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA4430YXAGL	1/4	115/1/60	7	19	8.7	10.3	5/16	1/4	G	40	Call
AEA4430YXAGB	1/4	115/1/60	7	19	9.7	10.3	5/16	1/4	R,G,C	40	Call
AEA4430YXAGC	1/4	115/1/60	7	19	9.7	10.3	5/16 VLV	1/4 VLV	R,V,G,C	41	Call
AEA4430YXDGK	1/4	208-230/1/60	4	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA4430YXDGL	1/4	208-230/1/60	4	19	8.7	10.3	5/16	1/4	G	40	Call
AEA4430YXDGB	1/4	208-230/1/60	4	19	9.7	10.3	5/16	1/4	R,G,C	40	Call
AEA4440YXAGK	1/3	115/1/60	9.8	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA4440YXAGL	1/3	115/1/60	9.8	19	8.7	10.3	5/16	1/4	G	40	Call
AEA4440YXAGB	1/3	115/1/60	9.8	19	9.7	10.3	5/16	1/4	R,G,C	40	Call
AEA4440YXAGC	1/3	115/1/60	9.8	19	9.7	10.3	5/16 VLV	1/4 VLV	R,V,G,C	41	Call
AEA4440YXDGK	1/3	208-230/1/60	5.6	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA4440YXDGL	1/3	208-230/1/60	5.6	19	8.7	10.3	5/16	1/4	G	40	Call
AEA4440YXDGB	1/3	208-230/1/60	5.6	19	9.7	10.3	5/16	1/4	R,G,C	40	Call

Features Key

G = Fan Guard
R = Receiver Tank
C = Power Cord
V = Service Valve

REFRIGERATION EQUIPMENT

AIR COOLED HERMETIC INDOOR CONDENSING UNIT

CELSEON, HIGH TEMPERATURE



- Choose between a shaded pole fan motor for standard effciency or an electronically commutated (EC) type for higher efficiency.
- Molded fan shroud directs air flow across entire coil surface, optimizing system performance.
- Our compressors with quality, corrosion resistant components to deliver longer life and greater up-time.
- Sweat connections and electrical screw terminations simplify your installation, saving you time and money. Modular components provide quick and easy replacement.
- Compact design works well in space restricted applications and facilitates field servicing.

Model Designations
*K=Power Cord
*B=Power Cord, Receiver Tank
*C=Power Cord, Receiver Tank, Service Valves
*S=Power Cord, Service Valves

Motor Designations
S*=Shaded Pole, Standard Efficiency
C*=Electronically Commutated, High Efficiency

Tecumseh

Part No.	Refrig	Oil	HP	Dimensions (In.)			Connections (In.)		Feature Key	Receiver Cap (Lbs)	Ship Wgt. (Lbs.)	Price
				L	W	H	Suction	Liquid				
AEA9415EXASB	R22	MIN	1/4	16	11-1/2	9.9	5/16	1/4	B	1.56	40.6	Call
AEA9415EXACB	R22	MIN	1/4	16	11-1/2	9.9	5/16	1/4	B	1.56	40.6	Call
AEA9415EXASC	R22	MIN	1/4	16	11-1/2	9.9	5/16	1/4	C	1.56	40.6	Call
AEA9415EXACC	R22	MIN	1/4	16	11-1/2	9.9	5/16	1/4	C	1.56	40.6	Call
AEA9415EXASK	R22	MIN	1/4	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA9415EXACK	R22	MIN	1/4	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA9415EXASS	R22	MIN	1/4	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA9415EXACS	R22	MIN	1/4	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA9422EXASB	R22	MIN	1/3	16	11-1/2	9.9	5/16	1/4	B	1.81	40.6	Call
AEA9422EXACB	R22	MIN	1/3	16	11-1/2	9.9	5/16	1/4	B	1.81	40.6	Call
AEA9422EXASC	R22	MIN	1/3	16	11-1/2	9.9	5/16	1/4	C	1.81	40.6	Call
AEA9422EXACC	R22	MIN	1/3	16	11-1/2	9.9	5/16	1/4	C	1.81	40.6	Call
AEA9422EXASK	R22	MIN	1/3	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA9422EXACK	R22	MIN	1/3	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA9422EXASS	R22	MIN	1/3	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA9422EXACS	R22	MIN	1/3	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA9415ZXASB	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	B	1.36	40.6	Call
AEA9415ZXACB	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	B	1.36	40.6	Call
AEA9415ZXASC	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	C	1.36	40.6	Call
AEA9415ZXACC	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	C	1.36	40.6	Call
AEA9415ZXASK	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA9415ZXACK	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA9415ZXASS	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA9415ZXACS	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA9422ZXASB	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	B	1.57	40.6	Call
AEA9422ZXACB	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	B	1.57	40.6	Call
AEA9422ZXASC	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	C	1.57	40.6	Call
AEA9422ZXACC	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	C	1.57	40.6	Call
AEA9422ZXASK	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA9422ZXACK	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA9422ZXASS	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA9422ZXACS	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA3414YXASB	R134a	POE	1/6	16	11-1/2	9.9	5/16	1/4	B	1.58	40.6	Call
AEA3414YXACB	R134a	POE	1/6	16	11-1/2	9.9	5/16	1/4	B	1.58	40.6	Call
AEA3414YXASC	R134a	POE	1/6	16	11-1/2	9.9	5/16	1/4	C	1.58	40.6	Call
AEA3414YXACC	R134a	POE	1/6	16	11-1/2	9.9	5/16	1/4	C	1.58	40.6	Call
AEA3414YXASK	R134a	POE	1/6	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA3414YXACK	R134a	POE	1/6	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA3414YXASS	R134a	POE	1/6	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA3414YXACS	R134a	POE	1/6	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA3417YXASB	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	B	1.58	40.6	Call

AIR COOLED HERMETIC INDOOR CONDENSING UNIT

CELSEON, HIGH TEMPERATURE

Part No.	Refrig	Oil	HP	Dimensions (In.)			Connections (In.)		Feature Key	Receiver Cap (Lbs)	Ship Wgt. (Lbs.)	Price
				L	W	H	Suction	Liquid				
AEA3417YXACB	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	B	1.58	40.6	Call
AEA3417YXASC	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	C	1.58	40.6	Call
AEA3417YXACC	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	C	1.58	40.6	Call
AEA3417YXASK	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA3417YXACK	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA3417YXASS	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA3417YXACS	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA3425YXASB	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	B	1.58	40.6	Call
AEA3425YXACB	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	B	1.58	40.6	Call
AEA3425YXASC	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	C	1.58	40.6	Call
AEA3425YXACC	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	C	1.58	40.6	Call
AEA3425YXASK	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA3425YXACK	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA3425YXASS	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA3425YXACS	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA4430YXASB	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	B	1.83	40.6	Call
AEA4430YXACB	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	B	1.83	40.6	Call
AEA4430YXASC	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	C	1.83	40.6	Call
AEA4430YXACC	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	C	1.83	40.6	Call
AEA4430YXASK	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA4430YXACK	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA4430YXASS	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA4430YXACS	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA4440YXASB	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	B	1.83	40.6	Call
AEA4440YXACB	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	B	1.83	40.6	Call
AEA4440YXASC	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	C	1.83	40.6	1116.26
AEA4440YXACC	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	C	1.83	40.6	Call
AEA4440YXASK	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA4440YXACK	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA4440YXASS	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	S	—	40.6	987.75
AEA4440YXACS	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA4448YXASB	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	B	2.08	40.6	Call
AEA4448YXACB	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	B	2.08	40.6	Call
AEA4448YXASC	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	C	2.08	40.6	1723.49
AEA4448YXACC	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	C	2.08	40.6	Call
AEA4448YXASK	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA4448YXACK	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA4448YXASS	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA4448YXACS	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call

Features Key

G = Fan Guard
R = Receiver Tank
C = Power Cord
V = Service Valve

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

AIR COOLED HERMETIC INDOOR CONDENSING UNIT

HIGH TEMPERATURE (1/6 TO 1 HP) R134a



Tecumseh

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Connections (In.)		Features	Ship Wgt. (Lbs.)	Price
				L	W	H	Suction	Liquid			
AEA3414YXAXA	1/6	115/1/60	4.0	11.7	11.6	9.8	3/8	3/8	1	35	921.84
AEA3417YXAXA	1/5	115/1/60	4.7	12.8	11.2	10.1	3/8	3/8	1	35	952.30
AEA3425YXAXA	1/5	115/1/60	5.9	12.8	11.3	9.9	3/8	3/8	1	36	951.44
AEA4430YXAXA	1/4	115/1/60	7.1	14.2	11.0	9.8	3/8	3/8	2	38	1056.07
AEA4430YXAXB	1/4	115/1/60	7.1	16.2	13.2	9.0	3/8	1/4	0	43	1122.65
AEA4430YXAXC	1/4	115/1/60	7.1	18.2	13.2	9.0	3/8	1/4	4	50	Call
AEA4440YXAXB	1/3	115/1/60	9.5	17.2	13.2	9.0	3/8	1/4	0	47	1228.07
AEA4440YXAXC	1/3	115/1/60	9.5	17.2	13.2	9.0	3/8	1/4	4	50	Call
AEA4440YXAXL	1/3	115/1/60	9.5	17.7	13.0	9.0	3/8	3/8	2	44	976.25
AEA4448YXAXC	1/3	115/1/60	10.7	17.2	14.0	10.9	3/8	1/4	4	50	1578.81
AKA4460YXAXB	1/2	115/1/60	12.4	17.4	14.0	10.9	1/2	1/4	0	68	Call
AKA4476YXAXC	1/2	115/1/60	15.5	20.6	13.9	13.2	1/2	1/4	4	83	2008.85
AKA4476YXDXC	1/2	208-230/1/60	7.8	20.6	13.9	13.2	1/2	1/4	4	83	Call
AJA4492YXAXC	3/4	115/1/60	17.7	21.4	13.9	12.7	5/8	3/8	4	89	3350.72
AJA4492YXDXC	3/4	208-230/1/60	9.5	21.4	13.9	12.7	5/8	3/8	4	95	2112.67
AJA4512YXDXC	1	208-230/1/60	9.9	24.3	17.9	13.4	5/8	3/8	4	95	2713.35

HIGH TEMPERATURE (1 3/4 TO 6 HP) R22



Tecumseh

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Connections (In.)		Features	Ship Wgt. (Lbs.)	Price
				L	W	H	Suction	Liquid			
AWG4520EXNXC	1-3/4	208-230/1/60	13.4	24	19.4	16.2	7/8	3/8	9	123	3401.00
AWG4520EXTXC	1-3/4	200-230/3/60	9.1	24	19.4	16.2	7/8	3/8	16	123	3603.76
AWG4524EXNXM	2	208-230/1/60	17.4	25	33.5	19.5	7/8	3/8	21	185	Call
AWG4524EXTXM	2	200-230/3/60	11.9	25	33.5	19.5	7/8	3/8	21	185	Call
AWG4530EXNXM	2-1/2	208-230/1/60	19.5	25	33.5	19.5	7/8	3/8	21	200	Call
AWG4530EXTXM	2-1/2	200-230/3/60	13.7	25	33.5	19.5	7/8	3/8	21	200	Call
AVA4540EXNXM	3	208-230/1/60	29.3	25.0	33.6	19.5	7/8	3/8	21	225	Call
AVA4540EXTXM	3	200-230/3/60	19.4	25.0	33.6	19.5	7/8	3/8	20	225	Call
AGA4553EXNXM	4	208-230/1/60	37.3	28.6	44.9	26.9	7/8	1/2	21	315	Call
AGA4553EXTXM	4	200-230/3/60	23.7	28.8	44.9	26.9	7/8	1/2	21	315	Call
AGA4563EXNXM	5	208-230/1/60	42.1	28.6	44.9	26.9	7/8	1/2	21	340	Call
AGA4563EXTXM	5	200-230/3/60	27.5	28.6	44.9	26.9	7/8	1/2	21	340	Call
AGA4572EXNXM	6	208-230/1/60	47.5	28.8	44.9	26.9	7/8	1/2	21	350	Call
AGA4572EXTXM	6	200-230/3/60	31.0	28.6	44.9	26.9	7/8	1/2	21	350	Call

REFRIGERATION EQUIPMENT

AIR COOLED HERMETIC INDOOR CONDENSING UNIT

HIGH TEMPERATURE (1 3/4 TO 6 HP) R22

Features Key

0 = Receiver
1 = Less Receiver, Normal torque
2 = Less Receiver
3 = Less Receiver, with Base Valve
4 = BX
5 = BX, Low Pressure
6 = BX, Low Pressure, Fan Control
7 = BX, Low Pressure, CC Heater
8 = BX, Dual Pressure
9 = BX, Dual Pressure, CC Heater
10 = BX, H/L Pressure, Fan Control
11 = BX, Contactor
12 = BX, Contactor, CC Heater
13 = BX, Contactor, Dual Pressure
14 = BX, Contactor, Dual Pressure, CC Heater
15 = BX, Contactor, H/L Pressure
16 = BX, Contactor, H/L Pressure, CC Heater
17 = BX, Contactor, H/L Pressure, Fan Control
18 = BX, Contactor, H/L Pressure, Fan Control, CC Heater
19 = BX, H/L Pressure, Fan Control, Accumulator, CC Heater
20 = BX, Contactor, H/L Pressure, Fan Control, Accumulator
21 = BX, Contactor, H/L Pressure, Fan Control, Accumulator, CC Heater
T = Control Transformer

Oil Charge

POE = Polyolester
AB = Alkylbenzene
MIN = Mineral

All units use a suction service valve

All units include receiver unless otherwise noted

LOW TEMPERATURE (1/5 TO 1/3 HP), EVAPCON



Tecumseh

Part No.	HP	Refrig.	Voltage	MCA (Amps)	Dimensions (In.)			Connections (In.)		Features	Ship Wgt. (Lbs.)	Price
					L	W	H	Suction	Liquid			
AEA1360YXAGK	1/5	R134a	115/1/60	3.1	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA1360YXAGL	1/5	R134a	115/1/60	3.1	19	8.7	10.3	5/16	1/4	G	40	Call
AEA1410YXAGK	1/4	R134a	115/1/60	5	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA1410YXAGL	1/4	R134a	115/1/60	5	19	8.7	10.3	5/16	1/4	G	40	Call
AEA2410YXAGK	1/4	R134a	115/1/60	7.6	19	8.7	10.3	3/8	1/4	G,C	40	Call
AEA2410YXAGL	1/4	R134a	115/1/60	7.6	19	8.7	10.3	3/8	1/4	G	40	Call
AEA2410YXAGB	1/4	R134a	115/1/60	7.6	19	9.7	10.3	3/8	1/4	R,G,C	40	Call
AEA2380ZXAGK	1/4	R404A	115/1/60	6	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA2380ZXAGL	1/4	R404A	115/1/60	6	19	8.7	10.3	5/16	1/4	G	40	Call
AEA2380ZXAGB	1/4	R404A	115/1/60	6	19	9.7	10.3	5/16	1/4	R,G,C	40	Call
AEA2411ZXAGK	1/3	R404A	115/1/60	8	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA2411ZXAGL	1/3	R404A	115/1/60	8	19	8.7	10.3	5/16	1/4	G	40	Call
AEA2411ZXAGB	1/3	R404A	115/1/60	8	19	9.7	10.3	5/16	1/4	R,G,C	40	Call
AEA2411ZXDGK	1/3	R404A	208-230/1/60	4	19	8.7	10.3	5/16	1/4	G,C	40	Call
AEA2411ZXDGL	1/3	R404A	208-230/1/60	4	19	8.7	10.3	5/16	1/4	G	40	Call
AEA2411ZXDGB	1/3	R404A	208-230/1/60	4	19	9.7	10.3	5/16	1/4	R,G,C	40	Call

REFRIGERATION EQUIPMENT

AIR COOLED HERMETIC INDOOR CONDENSING UNIT

COMMERCIAL TEMPERATURE (1/5 TO 1 HP)



These R22, R404A units perform through a wide range of temperatures

Tecumseh

Part No.	HP	Refrig.	Voltage	MCA (Amps)	Dimensions (In.)			Connections (In.)		Features	Ship Wgt. (Lbs.)	Price
					L	W	H	Suction	Liquid			
AEA9417EXAXB	1/5	R22	115/1/60	5.9	16.3	13.0	8.9	3/8	1/4	0	50	Call
AEA9417EXAXC	1/5	R22	115/1/60	5.9	18.5	13.0	8.9	3/8	1/4	4	50	Call
AEA9417EXAXG	1/5	R22	115/1/60	5.9	12.8	11.7	9.9	3/8	1/4	2	35	Call
AEA9415ZXAXA	1/5	R404A	115/1/60	6.1	16.9	13.0	8.9	3/8	3/8	2	45	Call
AEA9415ZXAXB	1/5	R404A	115/1/60	6.1	16.9	13.0	8.9	3/8	1/4	0	50	Call
AEA9415ZXAXC	1/5	R404A	115/1/60	6.1	16.9	13.0	8.9	3/8	1/4	4	50	Call
AEA9423EXAXA	1/4	R22	115/1/60	8.1	17.9	13.0	9.0	3/8	3/8	2	44	Call
AEA9423EXAXB	1/4	R22	115/1/60	8.1	17.3	13.0	9.0	3/8	1/4	0	50	Call
AEA9423EXAXC	1/4	R22	115/1/60	8.1	19.5	13.0	9.0	3/8	1/4	4	50	Call
AEA9422ZXAXA	1/4	R404A	115/1/60	8.8	17.9	13.0	8.9	3/8	3/8	2	43	Call
AEA9422ZXAXB	1/4	R404A	115/1/60	8.8	17.9	13.0	8.9	3/8	1/4	0	43	Call
AEA9422ZXAXC	1/4	R404A	115/1/60	8.8	17.9	13.0	8.9	3/8	1/4	4	50	Call
AKA9433EXAXB	1/3	R22	115/1/60	9.6	17.4	14.0	10.9	1/2	1/4	0	64	Call
AKA9433EXAXC	1/3	R22	115/1/60	9.6	17.4	14.0	10.9	1/2	1/4	4	67	1484.85
AKA9433EXDXC	1/3	R22	208-230/1/60	4.9	17.4	14.0	10.9	1/2	1/4	4	65	Call
AKA9429ZXAXC	1/3	R404A	115/1/60	10.3	17.4	14.0	10.9	1/2	1/4	4	67	Call
AKA9446EXAXC	1/2	R22	115/1/60	12.4	20.6	13.9	13.2	1/2	1/4	4	86	1696.93
AKA9446EXDXC	1/2	R22	208-230/1/60	6.1	20.6	13.9	13.2	1/2	1/4	4	84	Call
AKA9460ZXDXC	3/4	R404A	208-230/1/60	8.3	24.3	18.0	14.0	1/2	3/8	4	85	Call
AKA9461EXDXC	3/4	R22	208-230/1/60	7.7	24.3	18.0	14.0	1/2	3/8	4	85	1958.50
AKA9470EXDXC	1	R22	208-230/1/60	8.0	24.3	18.0	14.0	1/2	3/8	4	85	Call
AJA9486EXDXC	1	R22	208-230/1/60	9.7	24.2	18.0	13.6	5/8	3/8	4	105	2560.55

Features Key:
G = Fan Guard
C = Power Cord
R = Receiver Tank

MEDIUM TEMPERATURE (1/2 TO 3 HP)

Tecumseh

Part No.	HP	Refrig.	Voltage	MCA (Amps)	Dimensions (In.)			Connections (In.)		Features	Ship Wgt. (Lbs.)	Price
					L	W	H	Suction	Liquid			
AJA7465YXAXE	3/4	R134a	115/1/60	14.0	21.4	13.9	12.9	5/8	3/8	5	98	2544.52
AJA7465YXDXE	3/4	R134a	208-230/1/60	8.7	21.4	13.9	12.9	5/8	3/8	5	98	2363.24
AJA7480ZXDXC	1	R404A	208-230/1/60	12.6	24.3	17.8	13.4	5/8	3/8	7	105	2560.66
AWA7512ZXDXC	1-1/2	R404A	208-230/1/60	17.6	24.0	19.4	16.2	7/8	3/8	9	124	Call
AWA7512ZXTXC	1-1/2	R404A	200-230/3/60	12.0	24.0	19.4	16.2	7/8	3/8	16	124	Call
AWA7515ZXDXC	2	R404A	208-230/1/60	21.6	24.0	19.4	16.2	7/8	3/8	9	130	Call
AVA7523ZXNXC	3	R404A	208-230/1/60	30.0	25.0	33.6	19.5	7/8	3/8	17	212	Call
AVA7523ZXTXC	3	R404A	200-230/3/60	17.1	25.0	33.6	19.5	7/8	3/8	17	212	Call

REFRIGERATION EQUIPMENT

AIR COOLED HERMETIC INDOOR CONDENSING UNIT

LOW TEMPERATURE (1/8 TO 1 1/2 HP) R404A

Tecumseh

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Connections (In.)		Features	Ship Wgt. (Lbs.)	Price
				L	W	H	Suction	Liquid			
AEA2410ZXAXC	1/4	115/1/60	6.0	18.5	13.0	8.9	3/8	1/4	4	51	Call
AEA2413ZXAXC	1/3	115/1/60	7.8	18.5	13.0	9.0	3/8	1/4	4	51	1444.37
AJA2422ZXAXB	1/2	115/1/60	10.7	16.4	14.0	11.6	1/2	1/4	0	75	Call
AJA2422ZXAXC	1/2	115/1/60	10.7	16.4	14.0	11.6	1/2	1/4	4	75	3716.86
AJA2429ZXAXA	3/4	115/1/60	11.7	21.4	13.9	12.9	1/2	3/8	2	83	3367.77
AJA2429ZXAXB	3/4	115/1/60	11.7	21.4	13.9	12.9	1/2	3/8	0	97	Call
AWA2448ZXDXC	1	208-230/1/60	12.0	24.0	17.8	15.4	5/8	3/8	8	116	3079.87
AWA2448ZXTXC	1	200-230/3/60	7.4	24.0	17.8	15.4	5/8	3/8	15	119	Call
AWA2464ZXDXC	1-1/2	208-230/1/60	16.9	24.0	17.8	15.4	7/8	3/8	8	138	3591.24
AWA2464ZXTXC	1-1/2	200-230/3/60	11.6	24.0	17.8	16.4	7/8	3/8	15	138	Call

LOW TEMPERATURE (2 TO 4 HP) R404A



These units are designed for use with R404A refrigerant.

Tecumseh

Part No.	HP	Voltage	MCA (Amps)	Dimensions (In.)			Connections (In.)		Features	Ship Wgt. (Lbs.)	Price
				L	W	H	Suction	Liquid			
AWA2479ZXDXC	2	208-230/1/60	17.1	24	19.4	16.2	7/8	3/8	8	138	3963.53
AWA2479ZXTXC	2	200-230/3/60	11.8	24	19.4	16.2	7/8	3/8	15	138	Call
AWA2490ZXDXC	2-1/4	208-230/1/60	18.4	25	33.6	19.5	5/8	3/8	17	185	4704.96
AWA2490ZXTXC	2-1/4	200-230/3/60	13.1	25	33.6	19.5	5/8	3/8	17	185	Call
AVA2510ZXNXC	2-1/2	208-230/1/60	21.7	24	19.4	16.2	7/8	3/8	8	171	4306.15
AVA2510ZXTXC	2-1/2	200-230/3/60	13.7	24	19.4	16.2	7/8	3/8	15	171	4562.57
AVA2512ZXNXM	3	208-230/1/60	22.8	25	33.6	19.5	7/8	3/8	20	220	Call
AVA2512ZXTXM	3	200-230/3/60	14.8	25	33.6	19.5	7/8	3/8	20	220	Call
AVA2515ZXNXC	4	208-230/1/60	29.0	25	33.6	19.5	7/8	3/8	17	220	Call
AVA2515ZXTXC	4	200-230/3/60	16.6	25	33.6	19.5	7/8	3/8	17	220	Call
AVA2515ZXGXC	4	460/3/60	8.9	25	33.4	19.5	7/8	3/8	17	220	Call

Features Key

0 = Receiver
1 = Less Receiver, Normal torque
2 = Less Receiver
3 = Less Receiver, with Base Valve
4 = BX
5 = BX, Low Pressure
6 = BX, Low Pressure, Fan Control
7 = BX, Low Pressure, CC Heater
8 = BX, Dual Pressure
9 = BX, Dual Pressure, CC Heater
10 = BX, H/L Pressure, Fan Control
11 = BX, Contactor
12 = BX, Contactor, CC Heater
13 = BX, Contactor, Dual Pressure
14 = BX, Contactor, Dual Pressure, CC Heater
15 = BX, Contactor, H/L Pressure
16 = BX, Contactor, H/L Pressure, CC Heater
17 = BX, Contactor, H/L Pressure, Fan Control
18 = BX, Contactor, H/L Pressure, Fan Control, CC Heater
19 = BX, H/L Pressure, Fan Control, Accumulator, CC Heater
20 = BX, Contactor, H/L Pressure, Fan Control, Accumulator
21 = BX, Contactor, H/L Pressure, Fan Control, Accumulator, CC Heater
T = Control Transformer

REFRIGERATION EQUIPMENT

AIR COOLED HERMETIC INDOOR CONDENSING UNIT

CELSEON, LOW TEMPERATURE



- Choose between a shaded pole fan motor for standard efficiency and an electronically commutated (EC) type for higher efficiency.
- Molded fan shroud directs air flow across entire coil surface, optimizing system performance.
- Our compressors with quality, corrosion resistant components to deliver longer life and greater up-time.
- Sweat connections and electrical screw terminations simplify your installation, saving you time and money.
- Compact design works well in space restricted applications and facilitates field servicing.

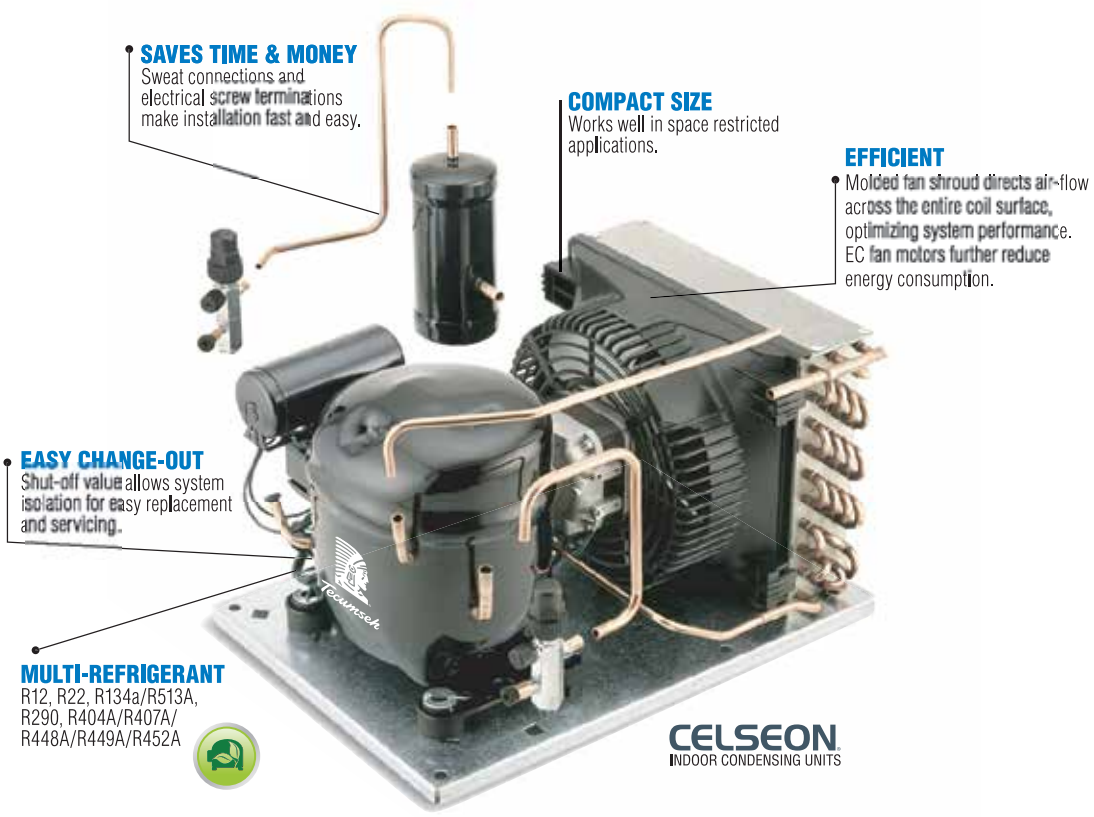
Model Designations
*K=Power Cord
*B=Power Cord, Receiver Tank
*C=Power Cord, Receiver Tank, Service Valves
*S=Power Cord, Service Valves
Motor Designations
S*=Shaded Pole, Standard Efficiency
C*=Electronically Commutated, High Efficiency

Tecumseh

Part No.	Refrig	Oil	HP	Dimensions (In.)			Connections (In.)		Feature Key	Receiver Cap (Lbs)	Ship Wgt (Lbs)	Price
				L	W	H	Suction	Liquid				
AEA2380ZXASB	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	B	1.36	40.6	Call
AEA2380ZXACB	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	B	1.36	40.6	Call
AEA2380ZXASC	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	C	1.36	40.6	Call
AEA2380ZXACC	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	C	1.36	40.6	Call
AEA2380ZXASK	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA2380ZXACK	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA2380ZXASS	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA2380ZXACS	R404A	POE	1/4	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA2411ZXASB	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	B	1.57	40.6	Call
AEA2411ZXACB	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	B	1.57	40.6	Call
AEA2411ZXASC	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	C	1.57	40.6	1463.01
AEA2411ZXACC	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	C	1.57	40.6	Call
AEA2411ZXASK	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA2411ZXACK	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA2411ZXASS	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA2411ZXACS	R404A	POE	1/3	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA1360YXASK	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA1360YXACK	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA1360YXASS	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA1360YXACS	R134a	POE	1/5	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA2410YXASB	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	B	1.58	40.6	Call
AEA2410YXACB	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	B	1.58	40.6	Call
AEA2410YXASC	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	C	1.58	40.6	Call
AEA2410YXACC	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	C	1.58	40.6	Call
AEA2410YXASK	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA2410YXACK	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA2410YXASS	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA2410YXACS	R134a	POE	1/4	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA2413YXASB	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	B	1.83	40.6	Call
AEA2413YXACB	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	B	1.83	40.6	Call
AEA2413YXASC	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	C	1.83	40.6	Call
AEA2413YXACC	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	C	1.83	40.6	Call
AEA2413YXASK	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA2413YXACK	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	K	—	40.6	Call
AEA2413YXASS	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call
AEA2413YXACS	R134a	POE	1/3	16	11-1/2	9.9	5/16	1/4	S	—	40.6	Call

Don't just replace the compressor...

INSTALL A CELSEON®



Think Tecumseh!

Tecumseh

Cooling for a Better Tomorrow™

Cooling for a Better Tomorrow™

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REFRIGERATION EQUIPMENT



Water cooled condensing units include:

- Compressor with oil level sight glass and rotalock service valves
- Tube in tube water cooled condenser with water regulating valve mounted
- High capacity receiver with liquid shut-off valve
- Prewired electrical box with contactor and with start kit or transformer when appropriate
- P.T.C. compressor crankcase heater (prewired)
- Dual pressure control (prewired)
- Consult Maneurop for other refrigerant applications

HIGH TEMPERATURE



Water cooled condensing units ideal for applications with an economical cooling water supply and poor conditions for air cooled condensing (noise limitations, high ambients, limited condensing unit placement).

Tecumseh

Part No.	HP	Oil	Refrigerant	Voltage	MCA (Amps)	Dimensions (In.) L	W	H	Connections (In.) Suction	Liquid	Water Inlet FPT (In.)	Features	Ship Wt. (Lbs.)	Price
AEA9423EXAXW	1/3	AB	R22	115/1/60	7.6	18.5	13.8	10.5	3/8	1/4	3/8	8	45	Call
AKA9442ZXAXW	1/2	POE	R404A	115/1/60	11.5	21.4	14	10.5	1/2	1/4	3/8	8	67	Call
AKA9442ZXDXW	1/2	POE	R404A	208-230/1/60	5.4	21.4	14	10.5	1/2	1/4	3/8	8	67	Call
AKA9457EXAXW	1/2	AB	R22	115/1/60	11.0	21.4	14	10.5	1/2	1/4	3/8	8	67	2513.75
AKA9457EXDXW	1/2	AB	R22	208-230/1/60	5.4	21.4	14	10.5	1/2	3/8	3/8	8	67	Call
AKA9467ZXAXW	3/4	POE	R404A	115/1/60	12.6	21.4	14	10.5	1/2	1/4	3/8	8	75	Call
AKA9467ZXDXW	3/4	POE	R404A	208-230/1/60	7.1	21.4	14	10.5	1/2	1/4	3/8	8	75	Call
AKA9476ZXDXW	1	POE	R404A	208-230/1/60	8.5	21.4	14	10.5	1/2	1/4	3/8	8	75	Call
AKA9479EXDXW	3/4	AB	R22	208-230/1/60	6.9	21.4	15	10.5	1/2	1/4	3/8	8	82	Call
AJA9511EXDXW	1	AB	R22	208-230/1/60	8.6	24	17	13.6	1/2	3/8	3/8	8	95	Call
AWG9513EXNXW	1-3/4	AB	R22	208-230/1/60	12.1	24.3	17.9	15.5	7/8	3/8	3/8	9	104	Call
AWG9513EXTXW	1-3/4	AB	R22	200-230/3/60	7.9	24.3	17.9	15.5	7/8	3/8	3/8	16	108	Call
AKA4475YXAXW	5/8	POE	R134a	115/1/60	11.9	21.4	14	10.5	1/2	1/4	3/8	8	82	Call
AKA4475YXDXW	5/8	POE	R134a	208-230/1/60	6.0	21.4	14	10.5	1/2	1/4	3/8	8	82	Call
AKA4490YXAXW	3/4	POE	R134a	115/1/60	14.1	21.4	14	11.7	1/2	1/4	3/8	8	84	Call
AKA4490YXDXW	3/4	POE	R134a	208-230/1/60	7.1	21.4	14	11.7	1/2	1/4	3/8	8	84	Call
AJA4510YXDXW	3/4	POE	R134a	208-230/1/60	8.8	24	17	12	1/2	3/8	3/8	8	95	Call
AJA4514YXDXW	1	POE	R134a	208-230/1/60	8.8	24	17	12	1/2	3/8	3/8	8	95	Call

MEDIUM TEMPERATURE, R404A

Tecumseh

Part No.	HP	Oil	Voltage	MCA (Amps)	Dimensions (In.) L	W	H	Connections (In.) Suction	Liquid	Water Inlet FPT (In.)	Features	Ship Wt. (Lbs.)	Price
AWA7511ZXDXW	1-1/2	POE	208-230/1/60	11.3	24.3	17	15.5	7/8	3/8	3/8	8	104	Call
AWA7515ZXDXW	2	POE	208-230/1/60	16.1	24.3	17	15.5	7/8	3/8	3/8	8	107	Call
AWA7515ZXTXW	2	POE	200-230/3/60	10.5	24.3	17.9	15.2	7/8	3/8	3/8	15	108	Call

LOW TEMPERATURE, R404A

Tecumseh

Part No.	HP	Oil	Voltage	MCA (Amps)	Dimensions (In.) L	W	H	Connections (In.) Suction	Liquid	Water Inlet FPT (In.)	Features	Ship Wt. (Lbs.)	Price
AJA2424ZXDXW	1/2	POE	208-230/1/60	4.7	24.9	19.8	15.4	1/2	3/8	3/8	8	95	Call
AWA2453ZXDXW	1-1/4	POE	208-230/1/60	11.2	24.3	17	15.7	5/8	3/8	3/8	8	115	Call
AWA2488ZXDXW	2	POE	208-230/1/60	16.1	24.3	17	15.7	7/8	3/8	3/8	8	125	Call
AVA2512ZXNXW	3	POE	208-230/1/60	20.7	24.3	17	16.6	7/8	3/8	3/8	8	140	Call
AVA2512ZXTXW	3	POE	200-230/3/60	12.7	24.3	17	16.6	7/8	3/8	3/8	15	129	Call

REFRIGERATION EQUIPMENT

UNIT ENCLOSURE

DELUXE



- Galvanized steel base and cabinet
- Hinged access for easier servicing
- Wind safety latch
- Shipped knocked down for convenient warehousing
- Easily assembled
- Dimensions are inside measurements

RDM Products

Part No.	Length (In.)	Width (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
PSE181	26	20	16	41	Call
PSE191	28-1/2	37	22-1/2	83	Call
PSE201	26	24-1/2	18	49	Call
PSE231	34-1/2	24	21	69	Call
PSE241	28-1/2	37	22-1/2	83	Call
PSE311	32-1/2	48-1/2	30-1/2	124	684.82
PSE331	45-1/2	38	33	144	765.29
PSE411	41-1/2	74	40-1/2	274	Call

ECONOMY



- Economy model
- Includes weather hood instead of condenser grill
- Dimensions are inside measurements

RDM Products

Part No.	Length (In.)	Width (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
ECO180	26	20	16	37	161.26
ECO190	28-1/2	34	18	67	371.12
ECO200	26	24-1/2	18	48	335.18
ECO230	34-1/2	24	21	61	Call
ECO240	28-1/2	37	22-1/2	87	417.14

AIR-COOLED CONDENSERS

540 SERIES MODEL BNQ, 540 RPM, 0.5 HP, 30" FAN DIAMETER

Single Row

E3C Solutions

Part No.	THR, MBH/1°F TD		CFM	Total FLA		Maximum No. of Feeds	Connections (in.)	Refrigerant Summer Charge R-22 (lbs.)	Approx. Net Wt. (lbs.)	Price
	R-22*	R-404A*		230/3/60	460/3/60					
BNQS01A005	5.2	5.1	5,400	3.5	1.8	7	1-3/8	8	330	Call
BNQS01A006	6.1	5.9	5,200	3.5	1.8	14	1-3/8	10	360	Call
BNQS02A008	8.0	7.8	11,200	7.0	3.5	14	1-3/8	10	580	Call
BNQS02A010	10.3	10.1	10,800	7.0	3.5	21	1-5/8	15	630	Call
BNQS02A011	11.5	11.2	10,400	7.0	3.5	28	2-1/8	29	680	Call
BNQS03A016	15.6	15.2	16,100	10.5	5.3	21	2-1/8	22	930	Call
BNQS03A017	17.2	16.9	15,600	10.5	5.3	28	2-1/8	30	1,000	Call
BNQS04A021	20.7	20.3	21,500	14.0	7.0	21	2-1/8	51	1,210	Call
BNQS04A023	22.9	22.4	20,800	14.0	7.0	28	2-5/8	70	1,310	Call
BNQS05A026	25.9	25.4	26,900	17.5	8.8	21	2-5/8	64	1,510	Call
BNQS05A029	28.6	28.1	26,000	17.5	8.8	28	2-5/8	86	1,640	Call
BNQS06A034	34.4	33.7	31,200	21.0	10.5	28	2-5/8	102	1,950	Call
BNQS07A042	41.6	40.7	36,400	24.5	12.3	28	(2) 2-5/8	118	2,240	Call

*indicates standard model capacity at 10 FPI

REFRIGERATION EQUIPMENT

AIR-COOLED CONDENSERS

540 SERIES MODEL BNQ, 540 RPM, 0.5 HP, 30" FAN DIAMETER

Double Row

Part No.	THR, MBH/1°F TD R-22*	THR, MBH/1°F TD R-404A*	CFM	Total FLA 230/3/60	Total FLA 460/3/60	Maximum No. of Feeds	Connections (in.)	Refrigerant Summer Charge R-22 (lbs.)	Approx. Net Wt. (lbs.)	Price
BNQD04A016	16.0	15.6	22,300	14.0	7.0	28	(2) 1-3/8	19	1,240	Call
BNQD04A021	20.7	20.3	21,500	14.0	7.0	42	(2) 1-5/8	29	1,340	Call
BNQD04A023	22.9	22.4	20,800	14.0	7.0	56	(2) 2-1/8	40	1,440	Call
BNQD06A031	31.0	30.4	32,300	21.0	10.5	42	(2) 2-1/8	44	1,990	Call
BNQD06A034	34.4	33.7	31,200	21.0	10.5	56	(2) 2-1/8	58	2,140	Call
BNQD08A041	41.4	40.6	43,000	28.0	14.0	42	(2) 2-1/8	104	2,630	Call
BNQD08A046	45.8	44.9	41,600	28.0	14.0	56	(2) 2-5/8	140	2,830	Call
BNQD10A052	51.8	50.7	53,700	35.0	17.5	42	(2) 2-5/8	125	3,290	Call
BNQD10A057	57.3	56.1	52,100	35.0	17.5	56	(2) 2-5/8	172	3,540	Call
BNQD12A069	68.7	67.3	62,500	42.0	21.0	56	(2) 2-5/8	201	4,230	Call
BNQD14A083	83.1	81.5	72,900	49.0	24.5	56	(4) 2-5/8	236	4,910	Call

*Indicates standard model capacity at 10 FPI

830 SERIES MODEL BNX, 830 RPM, 1.0 HP, 30" FAN DIAMETER

Single Row

Part No.	THR, MBH/1°F TD R-22*	THR, MBH/1°F TD R-404A*	CFM	Total FLA 230/3/60	Total FLA 460/3/60	Maximum No. of Feeds	Connections (in.)	Refrigerant Summer Charge R-22 (lbs.)	Approx. Net Wt. (lbs.)	Price
BNXS01A006	6.4	6.2	7,600	4.8	2.4	7	1-3/8	8	330	Call
BNXS01A008	7.5	7.4	7,300	4.8	2.4	14	1-3/8	10	360	Call
BNXS02A010	9.8	9.6	15,900	9.6	4.8	14	1-3/8	10	580	Call
BNXS02A013	13.1	12.8	15,200	9.6	4.8	21	1-5/8	15	630	Call
BNXS02A015	15.1	14.8	14,700	9.6	4.8	28	2-1/8	29	680	Call
BNXS03A020	19.7	19.3	22,900	14.4	7.2	21	2-1/8	22	930	Call
BNXS03A023	22.7	22.3	22,000	14.4	7.2	28	2-1/8	30	1,000	Call
BNXS04A026	26.3	25.7	29,800	19.2	9.6	21	2-1/8	51	1,210	Call
BNXS04A030	30.3	29.7	28,400	19.2	9.6	28	2-5/8	70	1,310	Call
BNXS05A033	32.8	32.1	37,300	24.0	12.0	21	2-5/8	64	1,510	Call
BNXS05A038	37.8	37.1	35,500	24.0	12.0	28	2-5/8	86	1,640	Call
BNXS06A045	45.4	44.5	42,600	28.8	14.4	28	2-5/8	102	1,950	Call
BNXS07A052	52.0	51.0	49,700	33.6	16.8	28	(2) 2-5/8	118	2,240	Call

Double Row

Part No.	THR, MBH/1°F TD R-22*	THR, MBH/1°F TD R-404A*	CFM	Total FLA 230/3/60	Total FLA 460/3/60	Maximum No. of Feeds	Connections (in.)	Refrigerant Summer Charge R-22 (lbs.)	Approx. Net Wt. (lbs.)	Price
BNXD04A020	19.6	19.2	31,700	19.2	9.6	28	(2) 1-3/8	19	1,240	Call
BNXD04A026	26.2	25.7	30,500	19.2	9.6	42	(2) 1-5/8	29	1,340	Call
BNXD04A030	30.3	29.7	29,300	19.2	9.6	56	(2) 2-1/8	40	1,440	Call
BNXD06A039	39.4	38.6	45,700	28.8	14.4	42	(2) 2-1/8	44	1,990	Call
BNXD06A045	45.4	44.5	44,000	28.8	14.4	56	(2) 2-1/8	58	2,140	Call
BNXD08A052	52.5	51.4	59,700	38.4	19.2	42	(2) 2-1/8	104	2,630	Call
BNXD08A061	60.6	59.3	56,800	38.4	19.2	56	(2) 2-5/8	140	2,830	Call
BNXD10A066	65.6	64.3	74,600	48.0	24.0	42	(2) 2-5/8	125	3,290	Call
BNXD10A076	75.7	74.2	71,000	48.0	24.0	56	(2) 2-5/8	172	3,540	Call
BNXD12A091	90.8	89.0	85,200	57.6	28.8	56	(2) 2-5/8	201	4,230	Call
BNXD14A104	104.1	102.0	99,400	67.2	33.6	56	(4) 2-5/8	236	4,910	Call

AIR-COOLED CONDENSERS

830 SERIES MODEL BNL, 830 RPM, 1.5 HP, 30" FAN DIAMETER

Single Row

Part No.	THR, MBH/1°F TD		CFM	Total FLA			Maximum No. of Feeds	Connections (in.)	Refrigerant Summer Charge R-22 (lbs.)	Approx. Net Wt. (lbs.)	Price
	R-22*	R-404A*		230/3/60	460/3/60	575/3/60					
BNLS01A007	6.7	6.6	8,400	6.6	3.3	2.6	7	1-3/8	8	330	Call
BNLS01A008	8.0	7.8	8,000	6.6	3.3	2.6	14	1-3/8	10	360	Call
BNLS02A010	10.1	9.9	17,500	13.2	6.6	5.2	14	1-3/8	10	580	Call
BNLS02A014	13.9	13.6	16,700	13.2	6.6	5.2	21	1-5/8	15	630	Call
BNLS02A016	16.1	15.8	16,100	13.2	6.6	5.2	28	2-1/8	29	680	Call
BNLS03A021	20.9	20.5	25,100	19.8	9.9	7.8	21	2-1/8	22	930	Call
BNLS03A024	24.2	23.8	24,100	19.8	9.9	7.8	28	2-1/8	30	1,000	Call
BNLS04A028	27.8	27.3	32,800	26.4	13.2	10.4	21	2-1/8	51	1,210	Call
BNLS04A032	32.3	31.7	31,200	26.4	13.2	10.4	28	2-5/8	70	1,310	Call
BNLS05A035	35.5	34.7	41,000	33.0	16.5	13.0	21	2-5/8	64	1,510	Call
BNLS05A042	41.6	40.8	39,100	33.0	16.5	13.0	28	2-5/8	86	1,640	Call
BNLS06A050	49.9	48.9	46,900	39.6	19.8	15.6	28	2-5/8	102	1,950	Call
BNLS07A055	55.0	53.9	54,700	46.2	23.1	18.2	28	(2) 2-5/8	118	2,240	Call

Double Row

Part No.	THR, MBH/1°F TD		CFM	Total FLA			Maximum No. of Feeds	Connections (in.)	Refrigerant Summer Charge R-22 (lbs.)	Approx. Net Wt. (lbs.)	Price
	R-22*	R-404A*		230/3/60	460/3/60	575/3/60					
BNLD04A020	20.2	19.8	35,000	26.4	13.2	10.4	28	(2) 1-3/8	19	1,240	Call
BNLD04A028	27.8	27.3	33,500	26.4	13.2	10.4	42	(2) 1-5/8	29	1,340	Call
BNLD04A032	32.3	31.7	32,100	26.4	13.2	10.4	28	(2) 2-1/8	40	1,440	Call
BNLD06A042	41.8	40.9	50,200	39.6	19.8	15.6	56	(2) 2-1/8	44	1,990	Call
BNLD06A048	48.4	47.5	48,200	39.6	19.8	15.6	56	(2) 2-1/8	58	2,140	Call
BNLD08A056	55.7	54.6	65,600	52.8	26.4	20.8	42	(2) 2-1/8	104	2,630	Call
BNLD08A065	64.6	63.3	62,500	52.8	26.4	20.8	56	(2) 2-5/8	140	2,830	Call
BNLD10A071	70.9	69.5	82,000	66.0	33.8	26.0	42	(2) 2-5/8	125	3,290	Call
BNLD10A083	83.1	81.5	78,100	66.0	33.0	26.0	56	(2) 2-5/8	172	3,540	Call
BNLD12A100	99.8	97.8	93,700	79.2	39.6	31.2	56	(2) 2-5/8	201	4,230	Call
BNLD14A110	110.0	107.9	109,300	92.4	46.2	36.4	56	(4) 2-5/8	236	4,910	Call

1140 SERIES MODEL BNH, 1140 RPM, 1.5 HP, 30" FAN DIAMETER

Single Row

Part No.	THR, MBH/1°F TD		CFM	Total FLA			Maximum No. of Feeds	Connections (in.)	Refrigerant Summer Charge R-22 (lbs.)	Approx. Net Wt. (lbs.)	Price
	R-22*	R-404A*		208/3/60	460/3/60	575/3/60					
BNHS01A007	7.3	7.2	9,900	7.0	3.5	2.8	7	1-3/8	8	330	Call
BNHS01A009	8.7	8.6	9,500	7.0	3.5	2.8	14	1-3/8	10	360	Call
BNHS02A011	10.7	10.5	20,500	14.0	7.0	5.6	14	1-3/8	10	580	Call
BNHS02A015	14.5	14.2	19,800	14.0	7.0	5.6	21	1-5/8	15	630	Call
BNHS02A017	17.1	16.7	19,000	14.0	7.0	5.6	28	2-1/8	29	680	Call
BNHS03A022	21.8	21.4	29,700	21.0	10.5	8.4	21	2-1/8	22	930	Call
BNHS03A026	25.7	25.2	28,500	21.0	10.5	8.4	28	2-1/8	30	1,000	Call
BNHS04A029	29.1	28.5	38,600	28.0	14.0	11.2	21	2-1/8	51	1,210	Call
BNHS04A034	34.2	33.5	37,000	28.0	14.0	11.2	28	2-5/8	70	1,310	Call
BNHS05A037	37.1	36.4	48,300	35.0	14.0	14.0	21	2-5/8	64	1,510	Call
BNHS05A044	44.0	43.1	46,200	35.0	17.5	14.0	28	2-5/8	86	1,640	Call
BNHS06A053	52.8	51.7	55,400	42.0	17.5	16.8	28	2-5/8	102	1,950	Call
BNHS07A061	61.0	59.8	64,700	49.0	21.0	19.6	28	(2) 2-5/8	118	2,240	Call

REFRIGERATION EQUIPMENT

AIR-COOLED CONDENSERS

1140 SERIES MODEL BNH, 1140 RPM, 1.5 HP, 30" FAN DIAMETER

Double Row

Part No.	THR, MBH/1°F TD		CFM	Total FLA			Maximum No. of Connections (in.)		Refrigerant Summer Charge R-22 (lbs.)	Approx. Net Wt. (lbs.)	Price
	R-22*	R-404A*		208/3/60	460/3/60	575/3/60	Feeds				
BNHD04A021	21.4	21.0	41,000	28.0	24.5	11.2	28	(2) 1-3/8	19	1,240	Call
BNHD04A029	29.1	28.5	39,600	28.0	14.0	11.2	42	(2) 1-5/8	29	1,340	Call
BNHD04A034	34.2	33.5	38,100	28.0	14.0	11.2	56	(2) 2-1/8	40	1,440	Call
BNHD06A044	43.6	42.8	59,400	42.0	21.0	16.8	42	(2) 2-1/8	44	1,990	Call
BNHD06A051	51.3	50.3	57,100	42.0	21.0	16.8	56	(2) 2-1/8	58	2,140	Call
BNHD08A058	58.2	57.0	77,200	56.0	28.0	22.4	42	(2) 2-1/8	104	2,630	Call
BNHD08A068	68.4	67.1	73,900	56.0	28.0	22.4	56	(2) 2-5/8	140	2,830	Call
BNHD10A074	74.2	72.7	96,500	70.0	35.0	28.0	42	(2) 2-5/8	125	3,290	Call
BNHD10A088	88.0	86.2	92,400	70.0	35.0	28.0	56	(2) 2-5/8	172	3,540	Call
BNHD12A106	105.6	103.5	110,900	84.0	42.0	33.6	56	(2) 2-5/8	201	4,230	Call
BNHD14A122	121.9	119.5	129,400	98.0	49.0	39.2	56	(4) 2-5/8	236	4,910	Call

REFRIGERATION EQUIPMENT

AIR-COOLED CONDENSERS



Ambassador Series
Designed specifically with the growing needs of the supermarket and grocery industry in mind. Incorporates advanced features that improve sound levels and energy efficiency and offer increased capacity in a smaller footprint.

1140 Series
The most economical solution for individual capacity requirements Condenser coils offer the Floating Tube™ coil design, virtually eliminating tube sheet leaks

- Direct drive fan motors
- ServiceEase™ motor mount provides ease of service and reduces liklihood of coil damage
- Galvanized steel cabinet (aluminum or painted steel optional)
- High efficiency three phase fan motors with ball bearings and internal overloads
- Modular design
- Coated steel fan guards
- 10 FPI spacing

Options
- 8, 12 or 14 FPI spacing
- Fan cycle control panels
- Hinged fan panels
- Sealtite wiring
- Multi circuiting
- Alternate coil construction
- Side access panels

BOHN

AMBASSADOR, 830 RPM, 1.5 HP MOTORS

- QuietEdge™ fan blades for superior sound performance

Part No.	Fan Rows	Capacity R22 25°F TD THR BTUH	Voltage	MCA (Amps)	CFM	Connections OD (In.) Inlet	Connections OD (In.) Outlet	Dimensions (In.) H	Dimensions (In.) W	Dimensions (In.) L	Ship Wgt. (Lbs.)	Price
BNLS01A007C	1 x 1	167500	208-230/3/60	15	8400	1-3/8	1-3/8	49.5	45.5	73	460	Call
BNLS01A007D	1 x 1	167500	460/3/60	15	8400	1-3/8	1-3/8	49.5	45.5	73	460	Call
BNLS01A008C	1 x 1	200000	208-230/3/60	15	8000	1-3/8	1-3/8	49.5	45.5	73	480	Call
BNLS01A008D	1 x 1	200000	460/3/60	15	8000	1-3/8	1-3/8	49.5	45.5	73	480	Call
BNLS02A010C	1 x 2	252500	208-230/3/60	15	17500	1-3/8	1-3/8	49.5	45.5	127	760	Call
BNLS02A010D	1 x 2	252500	460/3/60	15	17500	1-3/8	1-3/8	49.5	45.5	127	760	Call
BNLS02A014C	1 x 2	347500	208-230/3/60	15	16700	1-5/8	1-5/8	49.5	45.5	127	810	Call
BNLS02A014D	1 x 2	347500	460/3/60	15	16700	1-5/8	1-5/8	49.5	45.5	127	810	Call
BNLS02A016C	1 x 2	402500	208-230/3/60	15	16100	2-1/8	2-1/8	49.5	45.5	127	860	Call
BNLS02A016D	1 x 2	402500	460/3/60	15	16100	2-1/8	2-1/8	49.5	45.5	127	860	Call
BNLS03A021C	1 x 3	522500	208-230/3/60	21.5	25100	2-1/8	2-1/8	49.5	45.5	180	1170	Call
BNLS03A021D	1 x 3	522500	460/3/60	15	25100	2-1/8	2-1/8	49.5	45.5	180	1170	Call
BNLS03A024C	1 x 3	605000	208-230/3/60	21.5	24100	2-1/8	2-1/8	49.5	45.5	180	1240	Call
BNLS03A024D	1 x 3	605000	460/3/60	15	24100	2-1/8	2-1/8	49.5	45.5	180	1240	Call
BNLS04A028C	1 x 4	695000	208-230/3/60	28.1	32800	2-1/8	2-1/8	49.5	45.5	233	1520	Call
BNLS04A028D	1 x 4	695000	460/3/60	15	32800	2-1/8	2-1/8	49.5	45.5	233	1520	Call
BNLS04A032C	1 x 4	807500	208-230/3/60	28.1	31200	2-5/8	2-5/8	49.5	45.5	233	1620	Call
BNLS04A032D	1 x 4	807500	460/3/60	15	31200	2-5/8	2-5/8	49.5	45.5	233	1620	Call
BNLS05A035C	1 x 5	887500	208-230/3/60	34.7	41000	2-5/8	2-5/8	49.5	45.5	286	1880	Call
BNLS05A035D	1 x 5	887500	460/3/60	20	41000	2-5/8	2-5/8	49.5	45.5	286	1880	Call
BNLS05A042C	1 x 5	1040000	208-230/3/60	34.7	39100	2-5/8	2-5/8	49.5	45.5	286	2000	Call
BNLS05A042D	1 x 5	1040000	460/3/60	20	39100	2-5/8	2-5/8	49.5	45.5	286	2000	Call
BNLS06A050C	1 x 6	1247500	208-230/3/60	41.3	46900	2-5/8	2-5/8	49.5	45.5	339	2380	Call
BNLS06A050D	1 x 6	1247500	460/3/60	20.6	46900	2-5/8	2-5/8	49.5	45.5	339	2380	Call
BNLS07A055C	1 x 7	1375000	208-230/3/60	47.9	54700	2-5/8	2-5/8	49.5	45.5	392	2760	Call
BNLS07A055D	1 x 7	1375000	460/3/60	23.9	54700	2-5/8	2-5/8	49.5	45.5	392	2760	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

AIR-COOLED CONDENSERS

AMBASSADOR, 830 RPM, 1.5 HP MOTORS

Dual Row, 830 RPM

Part No.	Fan Rows	Capacity R22 25°F TD THR BTUH	Voltage	MCA (Amps)	CFM	Connections OD (In.)		Dimensions (In.)			Ship Wgt. (Lbs.)	Price
						Inlet	Outlet	H	W	L		
BNLD04A020C	2 x 2	505000	208-230/3/60	28.1	35000	1-3/8	1-3/8	49.5	88.5	127	1420	Call
BNLD04A020D	2 x 2	505000	460/3/60	15	35000	1-3/8	1-3/8	49.5	88.5	127	1420	Call
BNLD04A028C	2 x 2	695000	208-230/3/60	28.1	33500	1-3/8	1-3/8	49.5	88.5	127	1520	Call
BNLD04A028D	2 x 2	695000	460/3/60	15	33500	1-3/8	1-3/8	49.5	88.5	127	1520	Call
BNLD04A032C	2 x 2	807500	208-230/3/60	28.1	32100	1-5/8	1-5/8	49.5	88.5	127	1620	Call
BNLD04A032D	2 x 2	807500	460/3/60	15	32100	1-5/8	1-5/8	49.5	88.5	127	1620	Call
BNLD06A042C	2 x 3	1045000	208-230/3/60	41.3	50200	2-1/8	2-1/8	49.5	88.5	180	2230	Call
BNLD06A042D	2 x 3	1045000	460/3/60	20.6	50200	2-1/8	2-1/8	49.5	88.5	180	2230	Call
BNLD06A048C	2 x 3	1210000	208-230/3/60	41.3	48200	2-1/8	2-1/8	49.5	88.5	180	2380	Call
BNLD06A048D	2 x 3	1210000	460/3/60	20.6	48200	2-1/8	2-1/8	49.5	88.5	180	2380	Call
BNLD08A056C	2 x 4	1392500	208-230/3/60	54.5	65600	2-1/8	2-1/8	49.5	88.5	233	2940	Call
BNLD08A056D	2 x 4	1392500	460/3/60	27.2	65600	2-1/8	2-1/8	49.5	88.5	233	2940	Call
BNLD08A065C	2 x 4	1615000	208-230/3/60	54.5	62500	2-1/8	2-1/8	49.5	88.5	233	3140	Call
BNLD08A065D	2 x 4	1615000	460/3/60	27.2	62500	2-1/8	2-1/8	49.5	88.5	233	3140	Call
BNLD10A071C	2 x 5	1772500	208-230/3/60	67.7	82000	2-5/8	2-5/8	49.5	88.5	286	3650	Call
BNLD10A071D	2 x 5	1772500	460/3/60	33.8	82000	2-5/8	2-5/8	49.5	88.5	286	3650	Call
BNLD10A083C	2 x 5	2077500	208-230/3/60	67.7	78100	2-5/8	2-5/8	49.5	88.5	286	3900	Call
BNLD10A083D	2 x 5	2077500	460/3/60	33.8	78100	2-5/8	2-5/8	49.5	88.5	286	3900	Call
BNLD12A100C	2 x 6	2495000	208-230/3/60	80.9	93700	2-5/8	2-5/8	49.5	88.5	339	4660	Call
BNLD12A100D	2 x 6	2495000	460/3/60	40.4	93700	2-5/8	2-5/8	49.5	88.5	339	4660	Call
BNLD14A110C	2 x 7	2750000	208-230/3/60	94.1	109300	2-5/8	2-5/8	49.5	88.5	392	5420	Call
BNLD14A110D	2 x 7	2750000	460/3/60	47	109300	2-5/8	2-5/8	49.5	88.5	392	5420	Call

(Call) Please contact your local Aireco branch for pricing.

AIR-COOLED CONDENSERS

1140 RPM, 1.5 HP MOTORS

Part No.	Fan Rows	Capacity R22 25°F TD THR BTUH	Voltage	MCA (Amps)	CFM	Connections OD (In.) Inlet	Connections OD (In.) Outlet	Dimensions (In.) H	Dimensions (In.) W	Dimensions (In.) L	Ship Wgt. (Lbs.)	Price
BNHS01A007C	1 x 1	182500	208-230/3/60	15	9900	1-3/8	1-3/8	49.5	45.5	73	460	Call
BNHS01A007D	1 x 1	182500	460/3/60	15	9900	1-3/8	1-3/8	49.5	45.5	73	460	Call
BNHS01A009C	1 x 1	217500	208-230/3/60	15	9500	1-3/8	1-3/8	49.5	45.5	73	480	Call
BNHS01A009D	1 x 1	217500	460/3/60	15	9500	1-3/8	1-3/8	49.5	45.5	73	480	Call
BNHS02A011C	1 x 2	267500	208-230/3/60	20	20500	1-3/8	1-3/8	49.5	45.5	127	760	Call
BNHS02A011D	1 x 2	267500	460/3/60	15	20500	1-3/8	1-3/8	49.5	45.5	127	760	Call
BNHS02A015C	1 x 2	362500	208-230/3/60	20	19800	1-5/8	1-5/8	49.5	45.5	127	810	Call
BNHS02A015D	1 x 2	362500	460/3/60	15	19800	1-5/8	1-5/8	49.5	45.5	127	810	Call
BNHS02A017C	1 x 2	427500	208-230/3/60	20	19000	2-1/8	2-1/8	49.5	45.5	127	860	Call
BNHS02A017D	1 x 2	427500	460/3/60	15	19000	2-1/8	2-1/8	49.5	45.5	127	860	Call
BNHS03A022C	1 x 3	545000	208-230/3/60	22.8	29700	2-1/8	2-1/8	49.5	45.5	180	1170	Call
BNHS03A022D	1 x 3	545000	460/3/60	15	29700	2-1/8	2-1/8	49.5	45.5	180	1170	Call
BNHS03A026C	1 x 3	642500	208-230/3/60	22.8	28500	2-1/8	2-1/8	49.5	45.5	180	1240	Call
BNHS03A026D	1 x 3	642500	460/3/60	15	28500	2-1/8	2-1/8	49.5	45.5	180	1240	Call
BNHS04A029C	1 x 4	727500	208-230/3/60	29.8	38600	2-1/8	2-1/8	49.5	45.5	233	1520	Call
BNHS04A029D	1 x 4	727500	460/3/60	15	38600	2-1/8	2-1/8	49.5	45.5	233	1520	Call
BNHS04A034C	1 x 4	855000	208-230/3/60	29.8	37000	2-5/8	2-5/8	49.5	45.5	233	1620	Call
BNHS04A034D	1 x 4	855000	460/3/60	15	37000	2-5/8	2-5/8	49.5	45.5	233	1620	Call
BNHS05A037C	1 x 5	927500	208-230/3/60	36.8	48300	2-5/8	2-5/8	49.5	45.5	286	1880	Call
BNHS05A037D	1 x 5	927500	460/3/60	20	48300	2-5/8	2-5/8	49.5	45.5	286	1880	Call
BNHS05A044C	1 x 5	1100000	208-230/3/60	36.8	46200	2-5/8	2-5/8	49.5	45.5	286	2000	Call
BNHS05A044D	1 x 5	1100000	460/3/60	20	46200	2-5/8	2-5/8	49.5	45.5	286	2000	Call
BNHS06A053C	1 x 6	1320000	208-230/3/60	43.8	55400	2-5/8	2-5/8	49.5	45.5	339	2380	Call
BNHS06A053D	1 x 6	1320000	460/3/60	21.9	55400	2-5/8	2-5/8	49.5	45.5	339	2380	Call
BNHS07A061C	1 x 7	1525000	208-230/3/60	50.8	64700	2-5/8	2-5/8	49.5	45.5	392	2760	Call
BNHS07A061D	1 x 7	1525000	460/3/60	25.4	64700	2-5/8	2-5/8	49.5	45.5	392	2760	Call

(Call) Please contact your local Aireco branch for pricing.

Dual Row, 1140 RPM

Part No.	Fan Rows	Capacity R22 25°F TD THR BTUH	Voltage	MCA (Amps)	CFM	Connections OD (In.) Inlet	Connections OD (In.) Outlet	Dimensions (In.) H	Dimensions (In.) W	Dimensions (In.) L	Ship Wgt. (Lbs.)	Price
BNHD04A020C	2 x 2	535000	208-230/3/60	29.8	41000	1-3/8	1-3/8	49.5	88.5	127	1420	Call
BNHD04A020D	2 x 2	535000	460/3/60	15	41000	1-3/8	1-3/8	49.5	88.5	127	1420	Call
BNHD04A028C	2 x 2	727500	208-230/3/60	29.8	39600	1-3/8	1-3/8	49.5	88.5	127	1520	Call
BNHD04A028D	2 x 2	727500	460/3/60	15	39600	1-3/8	1-3/8	49.5	88.5	127	1520	Call
BNHD04A032C	2 x 2	855000	208-230/3/60	29.8	38100	1-5/8	1-5/8	49.5	88.5	127	1620	Call
BNHD04A032D	2 x 2	855000	460/3/60	15	38100	1-5/8	1-5/8	49.5	88.5	127	1620	Call
BNHD06A042C	2 x 3	1090000	208-230/3/60	43.8	59400	2-1/8	2-1/8	49.5	88.5	180	2230	Call
BNHD06A042D	2 x 3	1090000	460/3/60	21.9	59400	2-1/8	2-1/8	49.5	88.5	180	2230	Call
BNHD06A048C	2 x 3	1282500	208-230/3/60	43.8	57100	2-1/8	2-1/8	49.5	88.5	180	2380	Call
BNHD06A048D	2 x 3	1282500	460/3/60	21.9	57100	2-1/8	2-1/8	49.5	88.5	180	2380	Call
BNHD08A056C	2 x 4	1455000	208-230/3/60	57.8	77200	2-1/8	2-1/8	49.5	88.5	233	2940	Call
BNHD08A056D	2 x 4	1455000	460/3/60	28.9	77200	2-1/8	2-1/8	49.5	88.5	233	2940	Call
BNHD08A065C	2 x 4	1710000	208-230/3/60	57.8	73900	2-1/8	2-1/8	49.5	88.5	233	3140	Call

(Call) Please contact your local Aireco branch for pricing.

REFRIGERATION EQUIPMENT

HEAT EXCHANGER

SMALL CAPACITY



Specifically intended for application on refrigeration systems to transfer heat between high side liquid refrigerant and low side refrigerant vapor. This heat transfer may be desirable for several reasons:

- To raise the vapor temperature to prevent frosting or condensation on the suction line
- To evaporate any remaining liquid in the vapour stream to prevent possible compressor damage
- To subcool the liquid to prevent flash gas in the liquid line
- To increase system refrigerating capacity

Part No.	Nominal HP	Refrigerant Connection (In.)		Length (In.)	Width	Ship Wgt. (Lbs.)	Price
		Liquid IDS	Vapor				
HXR50	1/2	3/8	5/8	12-3/4	2-5/16	1	39.34
HXR75	3/4	3/8	7/8	13-5/8	2-9/16	2	54.36
HXR100	1	3/8	1-1/8	14-1/8	2-13/16	2	Call
HXR150	1 1/2	1/2	1-1/8	14-1/8	3	2	69.76
HXR250	2-1/2	5/8	1-3/8	14-1/4	3-9/16	3	109.70
HXR350	3-1/2	5/8	1-5/8	16-1/4	3-9/16	3	Call
HXR500	5	7/8	2-1/8	17-1/4	4-5/8	5	Call

WATER COOLED CONDENSER



- Water-source heat pump coils operate very effectively as either refrigerant condensers or refrigerant evaporators when transferring heat with water. This makes them an ideal choice for both water-source heat pump and water-cooled condenser applications
- Convoluted inner surface improves heat transfer efficiency and reduces fouling
- Copper inner tubes are recommended for fresh and cooling tower water applications while cupronickel is recommended for ground and sea water applications
- Approved by Underwriters Laboratories, Inc. (U.L.) and the Canadian Standards Association (C.S.A.) at maximum working pressures to 300 psig on the water side and 450 psig on the refrigerant side

COAXIAL COPPER TUBE, HELICAL

- Spiral and trombone models available

Part No.	R22 Nominal Tons	Connection (In.)		Dimensions (In.)			Ship Wgt. (Lbs.)	Price
		IDS Refrigerant	ODS Water	L	W	H		
COAX2051H	1/2	3/8	1/2	14-1/2	6	1-7/8	5	101.40
COAX2076H	3/4	3/8	1/2	9-15/16	6-5/8	6	6	113.82
COCX2076H	3/4	3/8	1/2	9-15/16	6-5/8	6	6	Call
COAX2101H	1	3/8	1/2	9-15/16	6-5/8	6-15/16	7	143.12
COAX2151H	1-1/2	3/8	5/8	13-15/16	13-15/16	6-7/8	10	214.74
COAX2201J	2	3/8	5/8	12-15/16	12-15/16	3-7/8	12	262.06
COAX2251J	2-1/2	1/2	3/4	12-7/16	10-3/8	5-1/8	16	321.64
COAX2301J	3	5/8	7/8	13-7/8	13-7/8	5-1/16	20	376.98
COAX2401J	4	5/8	7/8	16-1/4	14-1/8	4-15/16	28	514.64
COAX2501J	5	3/4	1-1/8	17	15-3/8	6	36	643.26

WATER COOLED CONDENSER

COAXIAL COPPER TUBE, TROMBONE



- Helical and spiral models available

Part No.	R22 Nominal Tons	Connection (In.)		Dimensions (In.)			Ship Wgt. (Lbs.)	Price
		IDS Refrigerant	ODS Water	L	W	H		
COAX2050T	1/2	3/8	1/2	14-1/2	6	1-7/8	5	Call

COAXIAL CUPRONICKEL TUBE, SPIRAL



- Less mounting brackets

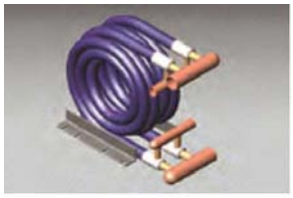
Part No.	Nominal Tons	Connection (In.)		Dimensions (In.)			Ship Wgt. (Lbs.)	Price
		IDS Refrigerant	ODS Water	L	W	H		
COCX2150S	1-1/2	3/8	5/8	13-7/8	11-3/8	2-3/8	10	Call
COCX2200S	2	3/8	5/8	14-3/8	11-1/2	2-3/8	12	Call
COCX2250S	2-1/2	1/2	3/4	16-7/16	13-1/4	2-11/16	16	Call
COCX2300S	3	5/8	7/8	15-5/8	13-9/16	2-7/8	20	Call
COCX2350S	3-1/2	5/8	7/8	15-3/8	14-7/16	3-3/16	26	Call
COCX2400S	4	5/8	7/8	18-1/8	15-7/16	3-3/16	30	Call
COCX2500S	5	5/8	7/8	19-5/8	17-3/16	3-3/8	36	Call
COCX2750S	7-1/2	3/4	1-1/8	22-1/2	21-1/8	3-7/8	60	Call

COAXIAL, COPPER TUBE, SPIRAL



Part No.	R22 Nominal Tons	Connection (In.)		Dimensions (In.)			Ship Wgt. (Lbs.)	Price
		IDS Refrigerant	ODS Water	L	W	H		
COAX2100S	1	3/8	1/2	11-5/8	9-3/8	2-1/8	7	Call
COAX2200S	2	3/8	5/8	14-3/8	11-1/2	2-3/8	12	Call
COAX2500S	5	3/4	1-1/8	19-5/8	17-1/16	3-11/16	36	Call

COAXIAL, MULTI COIL, CUPRONICKEL TUBE, SPIRAL



Part No.	R22 Nominal Tons	Connection (In.)		Dimensions (In.)			Ship Wgt. (Lbs.)	Price
		IDS Refrigerant	ODS Water	L	W	H		
COCX3010S	10	1-3/8	2-1/8	21-9/16	11-1/4	17-3/8	137	Call

REFRIGERATION EQUIPMENT

BARREL BRACKET

UNIVERSAL HINGED



Standard Refrigeration Company

Part No.	Inside Dia. (In.)	Base Length (In.)	Base Width (In.)	Price
6B	6-5/8	7	2-9/16	Call
8B	8-5/8	9	2-7/8	156.00
10B	10-3/4	11	3-5/16	Call
12B	12-3/4	13	4-1/8	Call
16B	16	17	4-1/8	Call

ROTALOCK® ADAPTER

Use for connections on receivers, compressors and any fixtures with rotolock fittings.

- Teflon seal furnished

Standard Refrigeration Company

MALE ROTALOCK® X SWEAT



Part No.	Connection (In.) IDS	Connection (In.) ODS	Rotalock® Size/Thread	Price
BA03X06	3/8	1/2	3/4–16	Call
BA03X08	3/8	1/2	1–14	Call
BA04X08	1/2	5/8	1–14	66.00
BA05X08	5/8	7/8	1–14	66.00
BA07X10	7/8	1-1/8	1-1/4–12	82.00
BA09X10	1-1/8	1-3/8	1-1/4–12	87.00
BA09X14	1-1/8	1-3/8	1-3/4–12	Call
BA11X14	1-3/8	1-5/8	1-3/4–12	Call

FEMALE ROTALOCK® X SWEAT



Part No.	Connection (In.) IDS	Rotolock® Size/Thread	Price
SA03	3/8	3/4–16	Call
SA04	1/2	1–14	Call
SA05	5/8	1–14	Call
SA07	7/8	1-1/4–12	Call
SA09	1-1/8	1-1/4–12	Call
SA11	1-3/8	1-3/4–12	87.00

TEFLON SEAL

ASSORTMENT



- Assortment includes 3–3/4", 4–1", 4–1 1/4"and 2–1 3/4" gaskets

Part No.	Price
ROTOLOCK	Call

SHUT OFF VALVE

ROTOLOCK X MFL, 90°



- Female rotolock thread

Part No.	Rotolock Size, TPI	Connection Size (In.)	Price
1RX12FL	1–14	1/2	Call
1RX58FL	1–14	5/8	Call

ROTOLOCK X IDS, 90°



- Female rotolock thread

Part No.	Rotolock Size, TPI (In.)	Connection Size (In.)	Price
1RX12S	1–14	1/2	Call
1RX58S	1–14	5/8	Call
114RX58S	1-1/4–12	5/8	Call
114RX34S	1-1/4–12	3/4	Call
114RX78S	1-1/4–12	7/8	Call
114RX118S	1-1/4–12	1-1/8	Call
134RX118S	1-3/4–12	1-1/8	Call
134RX138S	1-3/4–12	1-3/8	Call
134RX158S	1-3/4–12	1-5/8	Call

REFRIGERATION COMPRESSORS

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MULTI APPLICATION HERMETIC COMPRESSOR

REFRIGERATION SCROLL



The newest compressor technology, more efficient, more fault tolerant, more adaptable. Some applications may require liquid injection.

- Suitable for applications:

-40°F to +30°F -R404A, R507, R134A
-40°F to +45°F -R22
Rated Load Amps: R404A Applications/R22 Applications
Note single phase units not rated R22. RLA for R404A only

Run Capacitor required for operation, not provided
RL connections require valve or adapter

These compressors can be used with a variety of refrigerants at varying conditions. Observe the refrigerant and temperature guidelines and contact your United branch for applications outside the specified boundaries.

COPELAND

Part No.	HP	Voltage	RLA R404A/R22 (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
ZF06K4EPFV931	2	208-230/1/60	13.6/-	40 x 370	7.5 x 7.5	14.7	3/4 S	1/2 S	56	3175.00
ZF06K4E-PFV-931	2	208-230/1/60	13.6/-	40 x 370	7.5 x 7.5	14.7	1-1/4 RL	1 RL	56	3175.00
ZF06K4ETF5931	2	200-230/3/60	9.3/7.9	—	7.5 x 7.5	14.7	3/4 S	1/2 S	56	3275.00
ZF06K4ETF5961	2	200-230/3/60	9.3/7.9	—	7.5 x 7.5	14.7	1-1/4 RL	1 RL	56	3357.00
ZF06K4ETFD931	2	460/3/60	4.3/3.6	—	7.5 x 7.5	14.7	3/4 S	1/2 S	56	Call
ZF06K4ETFD961	2	460/3/60	4.3/3.6	—	7.5 x 7.5	14.7	1-1/4 RL	1 RL	56	Call
ZF08K4EPFV931	2-1/2	208-230/1/60	16.4/-	45 x 370	7.5 x 7.5	15.6	3/4 S	1/2 S	65	3299.00
ZF08K4E-PFV-931	2-1/2	208-230/1/60	16.4/-	45 x 370	7.5 x 7.5	15.6	1-1/4 RL	1 RL	65	3299.00
ZF08K4ETF5931	2-1/2	200-230/3/60	9.7/7.9	—	7.5 x 7.5	15.6	3/4 S	1/2 S	65	3399.00
ZF08K4ETF5961	2-1/2	200-230/3/60	9.7/7.9	—	7.5 x 7.5	15.6	1-1/4 RL	1 RL	65	3481.00
ZF08K4ETFD931	2-1/2	460/3/60	5.0/3.9	—	7.5 x 7.5	15.6	3/4 S	1/2 S	65	Call
ZF08K4ETFD961	2-1/2	460/3/60	5.0/3.9	—	7.5 x 7.5	15.6	1-1/4 RL	1 RL	65	Call
ZF09K4EPFV931	3	208-230/1/60	16.4/-	50 x 370	7.5 x 7.5	15.6	3/4 S	1/2 S	65	3428.00
ZF09K4E-PFV-931	3	208-230/1/60	16.4/-	50 x 370	7.5 x 7.5	15.6	1-1/4 RL	1 RL	65	3428.00
ZF09K4ETF5931	3	200-230/3/60	11.1/10.0	—	7.5 x 7.5	15.6	3/4 S	1/2 S	65	3529.00
ZF09K4E-TF5-931	3	200-230/3/60	11.1/10.0	—	7.5 x 7.5	15.6	1-1/4 RL	1 RL	65	3529.00
ZF09K4ETFD931	3	460/3/60	5.7/5.0	—	7.5 x 7.5	15.6	3/4 S	1/2 S	65	3529.00
ZF09K4E-TFD-931	3	460/3/60	5.7/5.0	—	7.5 x 7.5	15.6	1-1/4 RL	1 RL	65	3529.00
ZF11K4EPFV931	3-1/2	208-230/1/60	20.7/-	60 x 370	7.5 x 7.5	16.1	3/4 S	1/2 S	68	3495.00
ZF11K4E-PFV-931	3-1/2	208-230/1/60	20.7/-	60 x 370	7.5 x 7.5	16.1	1-1/4 RL	1 RL	68	3495.00
ZF11K4ETF5931	3-1/2	200-230/3/60	13.6/12.5	—	7.5 x 7.5	16.1	3/4 S	1/2 S	68	3596.00
ZF11K4ETF5961	3-1/2	200-230/3/60	13.6/12.5	—	7.5 x 7.5	16.1	1-1/4 RL	1 RL	68	3678.00
ZF11K4E-TFD-961	3-1/2	460/3/60	7.1/6.4	—	7.5 x 7.5	16.1	3/4 S	1/2 S	68	3678.00
ZF11K4ETFD961	3-1/2	460/3/60	7.1/6.4	—	7.5 x 7.5	16.1	1-1/4 RL	1 RL	68	3678.00
ZF13K4EPFV931	4	208-230/1/60	26.8/-	60 x 370	7.5 x 7.5	17.4	7/8 S	1/2 S	85	3642.00
ZF13K4E-PFV-931	4	208-230/1/60	26.8/-	60 x 370	7.5 x 7.5	17.4	1-1/4 RL	1 RL	85	3642.00
ZF13K4ETF5931	4	200-230/3/60	15.0/12.4	—	7.5 x 7.5	17.4	7/8 S	1/2 S	85	3745.00
ZF13K4ETF5961	4	200-230/3/60	15.0/12.4	—	7.5 x 7.5	17.4	1-1/4 RL	1 RL	85	3829.00
ZF13K4ETFD931	4	460/3/60	8.2/6.8	—	7.5 x 7.5	17.4	7/8 S	1/2 S	85	2624.00
ZF13K4ETFD961	4	460/3/60	8.2/6.8	—	7.5 x 7.5	17.4	1-1/4 RL	1 RL	85	3829.00
ZF15K4EPFV931	5	208-230/1/60	31.8/-	80 x 370	7.5 x 7.5	17.4	7/8 S	1/2 S	94	3711.00
ZF15K4EPFV961	5	208-230/1/60	31.8/-	80 x 370	7.5 x 7.5	17.4	1-1/4 RL	1 RL	94	3794.00
ZF15K4ETF5931	5	200-230/3/60	21.4/16.4	—	7.5 x 7.5	17.4	7/8 S	1/2 S	94	3814.00
ZF15K4ETF5961	5	200-230/3/60	21.4/16.4	—	7.5 x 7.5	17.4	1-1/4 RL	1 RL	94	3897.00
ZF15K4ETFD931	5	460/3/60	9.6/8.6	—	7.5 x 7.5	17.4	7/8 S	1/2 S	94	3703.00
ZF15K4ETFD961	5	460/3/60	9.6/8.6	—	7.5 x 7.5	17.4	1-1/4 RL	1 RL	94	3784.00
ZF18K4ETF5931	6	200-230/3/60	23.9/20.0	—	7.5 x 7.5	17.4	7/8 S	1/2 S	95	3951.00
ZF18K4ETF5961	6	200-230/3/60	23.9/20.0	—	7.5 x 7.5	17.4	1-1/4 RL	1 RL	95	4034.00
ZF18K4ETFD931	6	460/3/60	9.3/7.5	—	7.5 x 7.5	17.4	7/8 S	1/2 S	95	3951.00
ZF18K4ETFD961	6	460/3/60	9.3/7.5	—	7.5 x 7.5	17.4	1-1/4 RL	1 RL	95	4034.00
ZF24K4ETWC951	7-1/2	208-230/3/60	30.9/23.5	—	8.7 x 8.7	21.2	1-3/4 RL	1-1/4 RL	225	7951.00
ZF24K4ETWD951	7-1/2	460/3/60	16.2/11.8	—	8.7 x 8.7	21.2	1-3/4 RL	1-1/4 RL	225	7951.00
ZF33K4ETWC951	10	208-230/3/60	44.9/31.0	—	8.7 x 8.7	21.2	1-3/4 RL	1-1/4 RL	225	8939.00
ZF33K4ETWD951	10	460/3/60	21.7/15.1	—	8.7 x 8.7	21.2	1-3/4 RL	1-1/4 RL	225	8939.00
ZF40K4ETWC951	13	208-230/3/60	54.4/41.9	—	8.7 x 8.7	21.2	1-3/4 RL	1-1/4 RL	240	9728.00
ZF40K4ETWD951	13	460/3/60	25.8/20.6	—	8.7 x 8.7	21.2	1-3/4 RL	1-1/4 RL	240	9728.00

REFRIGERATION COMPRESSORS

MULTI APPLICATION HERMETIC COMPRESSOR

REFRIGERATION SCROLL

Part No.	HP	Voltage	RLA R404A/R22 (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
							Suction	Discharge		
ZF48K4ETWC951	15	208-230/3/60	60.0/48.2	—	8.7 x 8.7	23.4	2-1/4 RL	1-3/4 RL	240	10517.00
ZF48K4ETWD951	15	460/3/60	28.2/22.1	—	8.7 x 8.7	23.4	2-1/4 RL	1-3/4 RL	240	10517.00

REFRIGERATION COMPRESSORS

MULTI APPLICATION HERMETIC COMPRESSOR

ZB SCROLL

- Suitable for applications:
0 to +45°F - R404A/R507
+20 to +60°F - R134a
+25 to +55°F - R22

Run Capacitor required for operation, not provided

RL connections require valve or adapter
These compressors can be used with a variety of refrigerants at varying conditions. Observe the refrigerant and temperature guidelines and contact your United branch for applications outside the specified boundaries.

COPELAND

							Connection (In.)			
Part No.	HP	Voltage	RLA (Amps)	Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Suction	Discharge	Ship Wgt. (Lbs.)	Price
ZB10KCEPFV830	1-1/3	208-230/1/60	10	30 x 370	7.5 x 7.5	15.1	3/4 S	1/2 S	43	1271.00
ZB11KCEPFV830	1-1/2	208-230/1/60	10	35 x 370	7.5 x 7.5	15.1	3/4 S	1/2 S	43	1364.00
ZB13KCEPFV830	1-8/10	208-230/1/60	12.9	35 x 370	7.5 x 7.5	15.1	3/4 S	1/2 S	44	1422.00
ZB14KCEPFV830	2	208-230/1/60	13.6	35 x 370	7.5 x 7.5	15.1	3/4 S	1/2 S	44	Call
ZB15KCEPFV930	2	208-230/1/60	15.7	40 x 370	7.5 x 7.5	15.3	3/4 S	1/2 S	56	Call
ZB15KCEPFV940	2	208-230/1/60	15.7	40 x 370	7.5 x 7.5	15.3	1-1/4 RL	1 RL	56	Call
ZB15KCETF5930	2	200-230/3/60	8.9	—	7.5 x 7.5	15.3	3/4 S	1/2 S	56	Call
ZB15KCETF5940	2	200-230/3/60	8.9	—	7.5 x 7.5	15.3	1-1/4 RL	1 RL	56	3132.00
ZB15KCETFD930	2	460/3/60	5	—	7.5 x 7.5	15.3	3/4 S	1/2 S	56	Call
ZB15KCETFD940	2	460/3/60	5	—	7.5 x 7.5	15.3	1-1/4 RL	1 RL	56	Call
ZB19KCEPFV930	2-1/2	208-230/1/60	17.9	45 x 370	7.5 x 7.5	15.3	3/4 S	1/2 S	60	Call
ZB19KCEPFV940	2-1/2	208-230/1/60	17.9	45 x 370	7.5 x 7.5	15.3	1-1/4 RL	1 RL	60	Call
ZB19KCETF5930	2-1/2	200-230/3/60	10	—	7.5 x 7.5	15.3	3/4 S	1/2 S	60	Call
ZB19KCETF5940	2-1/2	200-230/3/60	10	—	7.5 x 7.5	15.3	1-1/4 RL	1 RL	60	Call
ZB19KCETFD930	2-1/2	460/3/60	5	—	7.5 x 7.5	15.3	3/4 S	1/2 S	60	Call
ZB19KCETFD940	2-1/2	460/3/60	5	—	7.5 x 7.5	15.3	1-1/4 RL	1 RL	60	Call
ZB21KCEPFV930	3	208-230/1/60	20.7	50 x 370	7.5 x 7.5	16.2	3/4 S	1/2 S	60	3149.00
ZB21KCE-PFV-930	3	208-230/1/60	20.7	50 x 370	7.5 x 7.5	16.2	1-1/4 RL	1 RL	60	3149.00
ZB21KCETF5930	3	200-230/3/60	12.1	—	7.5 x 7.5	16.2	3/4 S	1/2 S	60	3277.00
ZB21KCE-TF5-930	3	200-230/3/60	12.1	—	7.5 x 7.5	16.2	1-1/4 RL	1 RL	60	3277.00
ZB21KCETFD930	3	460/3/60	6.1	—	7.5 x 7.5	16.2	3/4 S	1/2 S	60	3277.00
ZB21KCE-TFD-940	3	460/3/60	6.1	—	7.5 x 7.5	16.2	1-1/4 RL	1 RL	60	Call
ZB26KCEPFV930	3-1/2	208-230/1/60	23.6	60 x 370	7.5 x 7.5	16.7	3/4 S	1/2 S	63	Call
ZB26KCEPFV940	3-1/2	208-230/1/60	23.6	60 x 370	7.5 x 7.5	16.7	1-1/4 RL	1 RL	63	Call
ZB26KCE-TF5-930	3-1/2	200-230/3/60	13.2	—	7.5 x 7.5	16.7	3/4 S	1/2 S	63	Call
ZB26KCETF5940	3-1/2	200-230/3/60	13.2	—	7.5 x 7.5	16.7	1-1/4 RL	1 RL	63	3395.00
ZB26KCETFD930	3-1/2	460/3/60	6.4	—	7.5 x 7.5	16.7	3/4 S	1/2 S	63	Call
ZB26KCETFD940	3-1/2	460/3/60	6.4	—	7.5 x 7.5	16.7	1-1/4 RL	1 RL	63	Call
ZB30KCEPFV950	4	208-230/1/60	26.8	60 x 370	7.5 x 7.5	18	7/8 S	1/2 S	78	3629.00
ZB30KCE-PFV-950	4	208-230/1/60	26.8	60 x 370	7.5 x 7.5	18	1-1/4 RL	1 RL	78	3629.00
ZB30KCETF5950	4	200-230/3/60	15.7	—	7.5 x 7.5	18	7/8 S	1/2 S	78	Call
ZB30KCETF5965	4	200-230/3/60	15.7	—	7.5 x 7.5	18	1-1/4 RL	1 RL	78	Call
ZB30KCE-TFD-965	4	460/3/60	7.5	—	7.5 x 7.5	18	7/8 S	1/2 S	78	3629.00
ZB30KCETFD965	4	460/3/60	7.5	—	7.5 x 7.5	18	1-1/4 RL	1 RL	78	3629.00
ZB38KCEPFV950	5	208-230/1/60	31.1	80 x 370	7.5 x 7.5	18	7/8 S	1/2 S	83	3507.00
ZB38KCE-PFV-950	5	208-230/1/60	31.1	80 x 370	7.5 x 7.5	18	1-1/4 RL	1 RL	83	3507.00
ZB38KCETF5950	5	200-230/3/60	22.1	—	7.5 x 7.5	18	7/8 S	1/2 S	83	3636.00
ZB38KCETF5965	5	200-230/3/60	22.1	—	7.5 x 7.5	18	1-1/4 RL	1 RL	83	3754.00
ZB38KCETFD950	5	460/3/60	9.6	—	7.5 x 7.5	18	7/8 S	1/2 S	83	3636.00
ZB38KCETFD965	5	460/3/60	9.6	—	7.5 x 7.5	18	1-1/4 RL	1 RL	83	3754.00
ZB42KCEPFV950	5-1/2	208-230/1/60	31.4	50 x 440	7.5 x 7.5	18	7/8 S	1/2 S	91	Call
ZB42KCEPFV965	5-1/2	208-230/1/60	31.4	50 x 440	7.5 x 7.5	18	1-1/4 RL	1 RL	91	Call
ZB45KCETF5950	6	200-230/3/60	22.5	—	7.5 x 7.5	18	7/8 S	1/2 S	87	3756.00
ZB45KCETF5965	6	200-230/3/60	22.5	—	7.5 x 7.5	18	1-1/4 RL	1 RL	87	3874.00
ZB45KCETFD950	6	460/3/60	10.1	—	7.5 x 7.5	18	7/8 S	1/2 S	87	3756.00
ZB45KCETFD965	6	460/3/60	10.1	—	7.5 x 7.5	18	1-1/4 RL	1 RL	87	3874.00
ZB58KCETFD950	8	460/3/60	16.4	—	7.5 x 7.5	19.6	1-1/8 S	7/8 S	132	3736.00
ZB66KCETF5950	9	200-230/3/60	35	—	7.5 x 7.5	21.8	1-3/8 S	7/8 S	133	Call
ZB66KCETFD950	9	460/3/60	17.5	—	7.5 x 7.5	21.8	1-3/8 S	7/8 S	133	3880.00

REFRIGERATION COMPRESSORS

MULTI APPLICATION HERMETIC COMPRESSOR

ZB SCROLL

Part No.	HP	Voltage	RLA (Amps)	Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
ZB76KCETF5950	10	200-230/3/60	41.4	—	7.5 x 7.5	21.8	1-3/8 S	7/8 S	144	4379.00
ZB76KCETFD950	10	460/3/60	20	—	7.5 x 7.5	21.8	1-3/8 S	7/8 S	144	4168.00
ZB95KCETW5950	—	200-230/3/60	52.9	—	7.5 x 7.5	21.72	1-3/8 S	7/8 S	205	Call
ZB95KCETWD950	—	460/3/60	26.4	—	7.5 x 7.5	21.72	1-3/8 S	7/8 S	205	Call
ZB95KCETWE950	—	575/3/60	19.3	—	7.5 x 7.5	21.72	1-3/8 S	7/8 S	205	Call
ZB114KCETW5950	—	200-230/3/60	62.9	—	7.5 x 7.5	21.72	1-3/8 S	7/8 S	240	Call
ZB114KCETWD950	—	460/3/60	32.1	—	7.5 x 7.5	21.72	1-3/8 S	7/8 S	240	Call
ZB114KCETWE950	—	575/3/60	23.6	—	7.5 x 7.5	21.72	1-3/8 S	7/8 S	240	Call

CS HERMETIC



- Suitable for applications:

EMT -30°F to +30°F SST R404A
MT -5 to +25°F SST R22
HT +25°F to +45°F SST R134A

Bill of Material Variations:

970: Crankcase heater, mounting parts, screw terminals or terminal flag kit sweat connections, terminal cover; single phase models require capacitor; not provided

979: Starting components included plus crankcase heater, mounting parts, screw terminals or terminal flag kit, sweat connections, terminal cover

COPELAND

Part No.	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
CS10K6EPFV979	1	208-230/1/60	10.9	30 x 370	7-1/2 x 7-1/2	13.3	3/4 S	3/8 S	68	1337.00
CS10K6ETF5	1	200-230/3/60	7.5	—	7-1/2 x 7-1/2	13.3	3/4 S	3/8 S	68	1406.00
CS12K6EPFV979	1+	208-230/1/60	10.9	30 x 370	7-1/2 x 7-1/2	13.3	3/4 S	3/8 S	68	1424.00
CS12K6ETF5	1+	200-230/3/60	7.5	—	7-1/2 x 7-1/2	13.3	3/4 S	3/8 S	68	1571.00
CS14K6EPFV979	1-1/4	208-230/1/60	12.4	35 x 370	7-1/2 x 7-1/2	13.4	3/4 S	3/8 S	68	1585.00
CS14K6ETF5	1-1/4	200-230/3/60	9.1	—	7-1/2 x 7-1/2	13.4	3/4 S	3/8 S	68	2110.00
CS18K6EPFV979	1-1/2	208-230/1/60	16.0	35 x 370	7-1/2 x 7-1/2	13.8	3/4 S	3/8 S	72	1569.00
CS18K6ETF5	1-1/2	200-230/3/60	10.4	—	7-1/2 x 7-1/2	13.8	3/4 S	3/8 S	72	1712.00
CS18K6ETFD970	1-1/2	460/3/60	4.7	—	7-1/2 x 7-1/2	13.8	3/4 S	3/8 S	72	1712.00
CS20K6EPFV979	2	208-230/1/60	18.6	40 x 370	7-1/2 x 7-1/2	14.1	3/4 S	1/2 S	72	1615.00
CS20K6ETF5	2	200-230/3/60	11.4	—	7-1/2 x 7-1/2	14.1	3/4 S	1/2 S	72	1729.00
CS20K6ETFD	2	460/3/60	5.1	—	7-1/2 x 7-1/2	14.1	3/4 S	1/2 S	72	Call
CS27K6EPFV979	2	208-230/1/60	23.9	40 x 440	7-1/2 x 7-1/2	15.2	3/4 S	1/2 S	76	1766.00
CS27K6ETF5970	2	200-230/3/60	13.4	—	7-1/2 x 7-1/2	15.1	3/4 S	1/2 S	79	1883.00
CS27K6ETFD970	2	460/3/60	8.4	—	7-1/2 x 7-1/2	15.1	3/4 S	1/2 S	79	Call
CS33K6EPFV979	3	208-230/1/60	30.7	55 x 440	7-1/2 x 7-1/2	15.3	3/4 S	1/2 S	76	1515.00
CS33K6ETF5970	3	200-230/3/60	18.7	—	7-1/2 x 7-1/2	15.3	3/4 S	1/2 S	76	2018.00
CS33K6ETFD970	3	460/3/60	9.9	—	7-1/2 x 7-1/2	15.3	3/4 S	1/2 S	76	Call

Copeland Scroll™ compressors for refrigeration applications

COPELAND™

Setting new standards in efficiency and reliability

Copeland Scroll K5 compressors

- The highest energy efficiency available: Lowering utility bills and CO_2 emissions
- Superior reliability and onboard CoreSense™ Diagnostics prevent unnecessary service calls and extend compressor life
- Optional digital technology provides even more benefits with tighter suction, temperature control, 10% - 100% capacity modulation and reduced cycling
- Approved for use with multiple refrigerants





Copeland Scroll ZS*KA compressors

- Significant reliability gains due to 70% fewer moving parts and less operating fatigue than standard reciprocating hermetic compressors
- Exceeds the U.S. Department of Energy Annual Walk-in Efficiency Factor (AWEF) requirements
- Wide operating envelope of -25°F to 45°F
- Approved for use with multiple refrigerants

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REFRIGERATION COMPRESSORS

MULTI APPLICATION HERMETIC COMPRESSOR

MEDIUM TEMPERATURE



Designed with large internal open area to reduce liquid hammering. Entirely suction cooled, no external cooling required. Built for long lasting, transient tolerant performance. Tripod mount on 1 and 2 cylinder models (up to MTZ80). 9.7" square mount 4 cylinder MTZ100 and larger. Rotolock connections; sweat spuds provided. Charged with POE oil. Must order MTZ models for use with HFC refrigerants.

- **Run capacitor** required for single phase models, not provided.
- For R22 applications at 100°F condensing: -10°F to +50°F at 140°F condensing +20°F to +50°F
- For R404A applications at 100°F condensing -20°F to +50°F at 140°F condensing -10°F to +50°F

Maneurop Inc.

Part No.	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Connection (In.)		Height (In.)	Ship Wgt. (Lbs.)	Price
					Suction	Discharge			
MTZ18JA1	1-1/2	208-230/1/60	7.64	25 x 440	1RL - 1/2	1RL - 3/8	12.6	49	618.00
MTZ18JA3	1-1/2	208-230/3/60	6.10	—	1RL - 1/2	1RL - 3/8	12.6	50	Call
MTZ18JA4	1-1/2	460/3/60	2.81	—	1RL - 1/2	1RL - 3/8	12.6	50	Call
MTZ22JC1	2	208-230/1/60	10.27	45 x 440	1-1/4RL - 5/8	1RL - 1/2	13.5	49	Call
MTZ22JC3	2	208-230/3/60	7.38	—	1RL - 1/2	1RL - 3/8	13.5	50	Call
MTZ22JC4	2	460/3/60	3.44	—	1RL - 1/2	1RL - 3/8	13.5	50	Call
MTZ28JE1	2-1/2	208-230/1/60	12.67	50 x 440	1-1/4RL - 5/8	1RL - 1/2	13.5	53	Call
MTZ28JE3	2-1/2	208-230/3/60	9.38	—	1RL - 1/2	1RL - 3/8	13.5	55	Call
MTZ28JE4	2-1/2	460/3/60	4.41	—	1RL - 1/2	1RL - 3/8	13.5	55	Call
MTZ32JG1	2-3/4	208-230/1/60	14.26	45 x 440	1-1/4RL - 5/8	1RL - 1/2	12.6	56	Call
MTZ32JG3	2-3/4	208-230/3/60	10.13	—	1-1/4RL - 5/8	1RL - 1/2	12.6	56	Call
MTZ32JG4	2-3/4	460/3/60	4.81	—	1-1/4RL - 5/8	1RL - 1/2	12.6	56	Call
MTZ36JG1	3	208-230/1/60	17.76	45 x 440	1-1/4RL - 5/8	1RL - 1/2	12.6	57	Call
MTZ36JG3	3	208-230/3/60	11.92	—	1-1/4RL - 5/8	1RL - 1/2	12.6	60	Call
MTZ36JG4	3	460/3/60	5.79	—	1-1/4RL - 5/8	1RL - 1/2	12.6	60	Call
MTZ40JH1	3-1/2	208-230/1/60	21.95	45 x 440	1-1/4RL - 5/8	1RL - 1/2	12.6	59	Call
MTZ40JH3	3-1/2	208-230/3/60	15.32	—	1-1/4RL - 5/8	1RL - 1/2	12.6	60	Call
MTZ40JH4	3-1/2	460/3/60	6.69	—	1-1/4RL - 5/8	1RL - 1/2	12.6	60	Call
MTZ44HJ1	4	208-230/1/60	19.04	45 x 440	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	83	Call
MTZ44HJ3	4	208-230/3/60	15.79	—	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	85	Call
MTZ44HJ4	4	460/3/60	6.84	—	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	85	Call
MTZ50HK1	4-1/2	208-230/1/60	TBD	45 x 440	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	85	Call
MTZ50HK3	4-1/2	208-230/3/60	17.08	—	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	85	Call
MTZ50HK4	4-1/2	460/3/60	7.34	—	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	85	Call
MTZ56HL1	5	208-230/1/60	23.11	50 x 440	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	86	Call
MTZ56HL3	5	208-230/3/60	18.82	—	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	90	Call
MTZ56HL4	5	460/3/60	8.41	—	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	90	Call
MTZ64HM1	5-1/2	208-230/1/60	30.84	55 x 440	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	88	Call
MTZ64HM3	5-1/2	208-230/3/60	21.39	—	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	90	Call
MTZ64HM4	5-1/2	460/3/60	9.48	—	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	90	Call
MTZ72HN3	6	208-230/3/60	25.31	—	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	90	Call
MTZ72HN4	6	460/3/60	10.79	—	1-3/4RL - 7/8	1-1/4RL - 3/4	15.9	90	Call
MTZ80HP3	7	208-230/3/60	27.63	—	1-3/4RL - 1-1/8	1-1/4RL - 3/4	15.9	90	Call
MTZ80HP4	7	460/3/60	12.36	—	1-3/4RL - 1-1/8	1-1/4RL - 3/4	15.9	90	Call
MTZ100HS3	9	208-230/3/60	27.79	—	1-3/4RL - 1-1/8	1-1/4RL - 3/4	19.7	145	Call
MTZ100HS4	9	460/3/60	14.24	—	1-3/4RL - 1-1/8	1-1/4RL - 3/4	19.7	145	Call
MTZ125HU3	10-1/2	208-230/3/60	38.54	—	1-3/4RL - 1-1/8	1-1/4RL - 3/4	19.7	150	Call
MTZ125HU4	10-1/2	460/3/60	18.06	—	1-3/4RL - 1-1/8	1-1/4RL - 3/4	19.7	150	Call
MTZ144HV3	12	208-230/3/60	41.90	—	1-3/4RL - 1-1/8	1-1/4RL - 3/4	19.7	152	Call
MTZ144HV4	12	460/3/60	19.81	—	1-3/4RL - 1-1/8	1-1/4RL - 3/4	19.7	152	Call
MTZ160HW3	13-1/2	208-230/3/60	48.17	—	1-3/4RL - 1-1/8	1-1/4RL - 3/4	19.7	165	Call

REFRIGERATION COMPRESSORS

SCROLL COMPRESSOR

EVI, EXTENDED MEDIUM TEMP, R404A R507

ZF*KVE scrolls with enhanced vapor injection simulate a two stage cycle with interstage cooling by injecting superheated vapor into the compression cycle. Along with subcooling as part of the vapour extraction this optimized design delivers, on average, up to a 50% increase in capacity and a 20% increase in efficiency.

- Low temperature capacity rated at -40°F, 105°F condensing, 65°F return gas, maximum subcooling; medium temperature capacity rated at +20°F, 120°F condensing, 65°F return gas
- RLA at medium temperature application

RL connections require valve or adapter for connection

COPELAND

	Capacity (BTUH)				Connection (In.)				
Part No.	+20°F	-40°F	Voltage	RLA (Amps)	Suction	Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
ZF13KVETF5961	45,300	14,500	200-230/3/60	8.6	1-1/4 RL	1 RL	17.4	85	Call
ZF13KVETFD961	45,300	14,500	460/3/60	8.6	1-1/4 RL	1 RL	17.4	85	Call
ZF18KVETF5961	63,000	20,700	200-230/3/60	23.9	1-1/4 RL	1 RL	17.4	95	Call
ZF18KVETFD961	63,000	20,700	460/3/60	9.3	1-1/4 RL	1 RL	17.4	95	5487.00
ZF24KVETWC951	79,000	23,300	208-230/3/60	30.0	1-3/4 RL	1-1/4 RL	21.2	225	Call
ZF24KVETWD951	79,000	23,300	460/3/60	15.7	1-3/4 RL	1-1/4 RL	21.2	225	Call
ZF33KVETWC951	109,000	34,800	208-230/3/60	43.6	1-3/4 RL	1-1/4 RL	21.2	225	Call
ZF33KVETWD951	109,000	34,800	460/3/60	19.3	1-3/4 RL	1-1/4 RL	21.2	225	Call
ZF40KVETWC951	142,000	46,100	208-230/3/60	52.9	1-3/4 RL	1-1/4 RL	21.2	240	Call
ZF40KVETWD951	142,000	46,100	460/3/60	25.0	1-3/4 RL	1-1/4 RL	21.2	240	Call
ZF48KVETWC951	156,000	53,000	208-230/3/60	60.0	2-1/4 RL	1-3/4 RL	23.4	240	Call
ZF48KVETWD951	156,000	53,000	460/3/60	28.2	2-1/4 RL	1-3/4 RL	23.4	240	Call

DIGITAL, MEDIUM TEMPERATURE, R404A R507



Digital scroll compressor technology reduces power consumption linearly as it modulates capacity; typically reduces ±6°F fixture temperature swings to ±0.5°F

- Capacity rated +20°F, 120°F condensing, 65°F return gas and 0°F subcooling
- Highly flexible load matching, from 10-100%
- Simple, variable modulation for precise temperature control
- Significantly improved efficiency vs. hot gas bypass and other methods of modulation
- Can be applied to multiple evaporator systems
- Reduced compressor cycling

RL connections require valve or adapter

COPELAND

						Connection (In.)			
Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Suction	Discharge	Ship Wgt. (Lbs.)	Price
ZBD30KCE-TF5-965	30500	200-230/3/60	15.7	7.5 x 7.5	19.7	7/8	3/4	81	7564.00
ZBD30KCETF5965	30500	200-230/3/60	15.7	7.5 x 7.5	19.7	1-1/4 RL	1 RL	81	7564.00
ZBD30KCE-TFD-965	30500	460/3/60	7.4	7.5 x 7.5	19.7	7/8	3/4	81	7564.00
ZBD30KCETFD965	30500	460/3/60	7.4	7.5 x 7.5	19.7	1-1/4 RL	1 RL	81	7564.00
ZBD45KCE-TF5-965	44300	200-230/3/60	22.5	7.5 x 7.5	19.7	7/8	3/4	88	8071.00
ZBD45KCETF5965	44300	200-230/3/60	22.5	7.5 x 7.5	19.7	1-1/4 RL	1 RL	88	8071.00
ZBD45KCETFD950	44300	460/3/60	10.0	7.5 x 7.5	10.0	7/8	3/4	88	7963.00
ZBD45KCETFD965	44300	460/3/60	10.0	7.5 x 7.5	19.7	1-1/4 RL	1 RL	88	8071.00

DIGITAL, EVI, LOW TEMPERATURE, R404A R507

Digital scroll compressor technology reduces power consumption linearly as it modulates capacity; typically reduces ±6°F fixture temperature swings to ±0.5°F.

KVE scrolls with enhanced vapor injection simulate a two stage cycle with interstage cooling by injecting superheated vapor into the compression cycle. Along with subcooling as part of the vapour extraction this optimized design delivers, on average, up to a 50% increase in capacity and a 20% increase in efficiency.

- Capacity rated -25°F, 105°F condensing, 65°F return gas and 0°F subcooling
- Highly flexible load matching, from 10-100%
- Simple, variable modulation for precise temperature control
- Significantly improved efficiency vs. hot gas bypass and other methods of modulation
- Can be applied to multiple evaporator systems
- Reduced compressor cycling
- **RL** connections require valve or adapter

COPELAND

						Connection (In.)			
Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Suction	Discharge	Ship Wgt. (Lbs.)	Price
ZFD18KVETF5951	29200	200-230/3/60	24.3	7.5 x 7.5	19.7	7/8	1/2	95	Call
ZFD18KVETF5961	29200	200-230/3/60	24.3	7.5 x 7.5	19.7	1-1/4 RL	1 RL	95	Call
ZFD18KVETFD951	29200	460/3/60	—	7.5 x 7.5	19.7	7/8	1/2	95	Call
ZFD18KVETFD961	29200	460/3/60	—	7.5 x 7.5	19.7	1-1/4 RL	1 RL	95	Call

REFRIGERATION COMPRESSORS

SCROLL COMPRESSOR

COMFORT ALERT™



Diagnostic tool for systems with Copeland Scroll compressors. Entry level technician first diagnosis accuracy increased from 17% to 92%, experienced technician accuracy from 63% to 100%

- Detects following system and electrical problem conditions:
- Long Run Time
- System Pressure Trip
- Short Cycling
- Locked Rotor
- Open Circuit
- Open Run/Open Start Circuit
- Welded Contactor
- Low Supply Voltage

COPELAND™

Part No.	Usage	Price
943-0012-00	Heat Pump, Ultra Tech	Call

LOW, R404A

Tecumseh

Part No.	HP	Voltage	RLA	Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
VSAG475ZXT	2	200-230/3/60	6.95	7.5 x 7.5	15.4	1-1/4RL - 7/8	3/4RL - 1/2	80	Call
VSAG494ZXT	2	200-230/3/60	8.34	7.5 x 7.5	15.4	1-1/4RL - 7/8	3/4RL - 1/2	80	Call
VSAG511ZXT	3	200-230/3/60	8.55	7.5 x 7.5	15.7	1-1/4RL - 7/8	3/4RL - 1/2	80	Call
VSAG513ZXT	3	200-230/3/60	9.33	7.5 x 7.5	15.7	1-1/4RL - 7/8	3/4RL - 1/2	80	Call
VSAG514ZNA	4	208-230/1/60	—	7.5 x 7.5	18.5	1-1/4RL - 7/8	3/4RL - 1/2	120	Call
VSAG514ZXT	4	200-230/3/60	11.38	7.5 x 7.5	18.5	1-1/4RL - 7/8	3/4RL - 1/2	120	Call
VSAG514ZXG	4	460/3/60	5.67	7.5 x 7.5	18.5	1-1/4RL - 7/8	3/4RL - 1/2	120	Call
VSAG518ZXT	5	200-230/3/60	14.73	7.5 x 7.5	19.5	1-1/4RL - 7/8	3/4RL - 1/2	125	Call
VSAG518ZXG	5	460/3/60	7.39	7.5 x 7.5	19.5	1-1/4RL - 7/8	3/4RL - 1/2	125	Call
VSAG523ZXT	6	200-230/3/60	16.84	7.5 x 7.5	19.5	1-1/4RL - 7/8	3/4RL - 1/2	130	Call
VSAG523ZXG	6	460/3/60	8.38	7.5 x 7.5	19.5	1-1/4RL - 7/8	3/4RL - 1/2	130	Call

REFRIGERATION COMPRESSORS

SCROLL COMPRESSOR

EXTENDED MEDIUM, R404A

- For applications -10°F to +40°F SST
- Rotolock (RL) suction spud supplied with valve

Tecumseh

Part No.	HP	Voltage	RLA	Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
VSA9490ZNA	1	208-230/1/60	7.17	7.5 x 7.5	14.4	1-1/4RL - 7/8	3/4RL - 1/2	74	Call
VSA9490ZXT	1	200-230/3/60	5.2	7.5 x 7.5	14.4	1-1/4RL - 7/8	3/4RL - 1/2	72	Call
VSA9490ZXG	1	460/3/60	2.5	7.5 x 7.5	14.4	1-1/4RL - 7/8	3/4RL - 1/2	70	Call
VSA9510ZNA	1	208-230/1/60	7.98	7.5 x 7.5	14.4	1-1/4RL - 7/8	3/4RL - 1/2	74	Call
VSA9510ZXT	1	200-230/3/60	5.6	7.5 x 7.5	14.4	1-1/4RL - 7/8	3/4RL - 1/2	72	Call
VSA9510ZXG	1	460/3/60	2.79	7.5 x 7.5	14.4	1-1/4RL - 7/8	3/4RL - 1/2	70	Call
VSA9512ZNA	1-1/2	208-230/1/60	8.78	7.5 x 7.5	14.4	1-1/4RL - 7/8	3/4RL - 1/2	75	Call
VSA9512ZXT	1-1/2	200-230/3/60	6.5	7.5 x 7.5	14.4	1-1/4RL - 7/8	3/4RL - 1/2	72	Call
VSA9512ZXG	1-1/2	460/3/60	3.3	7.5 x 7.5	14.4	1-1/4RL - 7/8	3/4RL - 1/2	69	Call
VSA9514ZNA	1-3/4	208-230/1/60	10.3	7.5 x 7.5	14.4	1-1/4RL - 7/8	3/4RL - 1/2	78	Call
VSA9514ZXT	1-3/4	200-230/3/60	7.1	7.5 x 7.5	14.4	1-1/4RL - 7/8	3/4RL - 1/2	72	Call
VSA9514ZXG	1-3/4	460/3/60	3.69	7.5 x 7.5	14.4	1-1/4RL - 7/8	3/4RL - 1/2	70	Call
VSA9517ZNA	2	208-230/1/60	12.0	7.5 x 7.5	15.6	1-1/4RL - 7/8	3/4RL - 1/2	87	Call
VSA9517ZXT	2	200-230/3/60	8.2	7.5 x 7.5	15.4	1-1/4RL - 7/8	3/4RL - 1/2	75	Call
VSA9517ZXG	2	460/3/60	7.0	7.5 x 7.5	15.4	1-1/4RL - 7/8	3/4RL - 1/2	77	Call
VSA9521ZNA	3	208-230/1/60	14.6	7.5 x 7.5	15.4	1-1/4RL - 7/8	3/4RL - 1/2	78	Call
VSA9521ZXT	3	200-230/3/60	9.75	7.5 x 7.5	15.4	1-1/4RL - 7/8	3/4RL - 1/2	75	Call
VSA9521ZXG	2-1/2	460/3/60	5.4	7.5 x 7.5	15.4	1-1/4RL - 7/8	3/4RL - 1/2	75	Call
VSA9524ZXT	3	200-230/3/60	10.2	7.5 x 7.5	15.4	1-1/4RL - 7/8	3/4RL - 1/2	80	Call
VSA9524ZTB	3	200-230/3/60	12.6	7.5 x 7.5	15.7	1-1/4RL - 7/8	3/4RL - 1/2	80	Call
VSA9524ZXG	3	460/3/60	5.2	7.5 x 7.5	15.7	1-1/4RL - 7/8	3/4RL - 1/2	80	Call
VSA9528ZXT	3-1/2	200-230/3/60	12.2	7.5 x 7.5	18.5	1-1/4RL - 7/8	3/4RL - 1/2	120	Call
VSA9528ZXG	3-1/2	460/3/60	8.0	7.5 x 7.5	18.5	1-1/4RL - 7/8	3/4RL - 1/2	114	Call
VSA9536ZXT	4-1/2	200-230/3/60	15.9	7.5 x 7.5	20	1-1/4RL - 7/8	3/4RL - 1/2	125	Call
VSA9536ZXG	4-1/2	460/3/60	9.0	7.5 x 7.5	19.5	1-1/4RL - 7/8	3/4RL - 1/2	123	Call
VSA9544ZXT	5-1/2	200-230/3/60	—	7.5 x 7.5	20	1-1/4RL - 7/8	3/4RL - 1/2	130	Call
VSA9544ZXG	5-1/2	460/3/60	9.7	7.5 x 7.5	19.5	1-1/4RL - 7/8	3/4RL - 1/2	128	Call

REFRIGERATION COMPRESSORS

SCROLL COMPRESSOR

MEDIUM TEMPERATURE, R404A, R22, R134a



- The combination of an energy efficient motor and a specially designed high volume ratio hybrid scroll wrap optimized for refrigeration applications, delivers the highest efficiency in fixed speed, normal operation. In low ambient conditions, the operating envelope has been extended down to 100°C / 500°F, allowing floating condensing pressure, again improving efficiency. For those refrigeration events, (where conditions are changing), the Danfoss patented AdaptiveControl axial compliant scroll design insures maximum efficiency over varying conditions.
- Reliability is built into to this compressor family, from the selfaligning, compliant scroll design to the carbon bearings, to the reduced complexity manufacturing process (30% fewer parts). In addition, the patented HOOP overload protection design insures excellent motor protection while eliminating nuisance trips.
- The MLZ Scroll compressor is quiet by design: The basic scroll's smooth continuous compression, the elimination of the suction and discharge valves, and the unique disc check valve design insures quiet, vibration free operation.
- Capacity rated R404A, 20°F evaporator, 120°F condensing

Danfoss

Part No.	Capacity (BTUH)	HP	Oil	Voltage	Quad Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
							Suction	Discharge		
MLZ015T1LP9	14500	2	POE	208-230/1/60	7.5 x 7.5	16.26	3/4	1/2	67	Call
MLZ015T2LP9	14500	2	POE	208-230/3/60	7.5 x 7.5	16.26	3/4	1/2	67	Call
MLZ015T4LP9	14500	2	POE	460/3/60	7.5 x 7.5	16.26	3/4	1/2	67	Call
MLZ019T1LP9	18400	2-1/2	POE	208-230/1/60	7.5 x 7.5	16.26	3/4	1/2	67	Call
MLZ019T2LP9	18400	2-1/2	POE	208-230/3/60	7.5 x 7.5	16.26	3/4	1/2	67	Call
MLZ019T4LP9	18400	2-1/2	POE	460/3/60	7.5 x 7.5	16.26	3/4	1/2	67	Call
MLZ021T1LP9	19700	3	POE	208-230/1/60	7.5 x 7.5	16.26	3/4	1/2	67	Call
MLZ021T2LP9	19700	3	POE	208-230/3/60	7.5 x 7.5	16.26	3/4	1/2	67	Call
MLZ021T4LP9	19700	3	POE	460/3/60	7.5 x 7.5	16.26	3/4	1/2	67	Call
MLZ026T1LP9	24400	3-1/2	POE	208-230/1/60	7.5 x 7.5	16.26	3/4	1/2	67	Call
MLZ026T2LP9	24400	3-1/2	POE	208-230/3/60	7.5 x 7.5	16.26	3/4	1/2	67	Call
MLZ026T4LP9	24400	3-1/2	POE	460/3/60	7.5 x 7.5	16.26	3/4	1/2	67	Call
MLZ030T1LP9	28700	4	POE	208-230/1/60	7.5 x 7.5	17.91	7/8	1/2	82	Call
MLZ030T2LP9	28700	4	POE	208-230/3/60	7.5 x 7.5	17.91	7/8	1/2	82	Call
MLZ030T4LP9	28700	4	POE	460/3/60	7.5 x 7.5	17.91	7/8	1/2	82	Call
MLZ038T1LP9	34500	5	POE	208-230/1/60	7.5 x 7.5	17.91	7/8	1/2	82	Call
MLZ038T2LP9	34500	5	POE	208-230/3/60	7.5 x 7.5	17.91	7/8	1/2	82	Call
MLZ038T4LP9	34500	5	POE	460/3/60	7.5 x 7.5	17.91	7/8	1/2	82	Call
MLZ045T2LP9	41800	6	POE	208-230/3/60	7.5 x 7.5	17.91	7/8	1/2	87	Call
MLZ045T4LP9	41800	6	POE	460/3/60	7.5 x 7.5	17.91	7/8	1/2	87	Call
MLZ048T2LP9	45700	7	POE	208-230/3/60	7.5 x 7.5	17.91	7/8	1/2	87	Call
MLZ048T4LP9	45700	7	POE	460/3/60	7.5 x 7.5	17.91	7/8	1/2	87	Call
MLZ058T2LP9	52600	7-1/2	POE	208-230/3/60	7.5 x 7.5	21.1	1-1/8	7/8	97	Call
MLZ058T4LP9	52600	7-1/2	POE	460/3/60	7.5 x 7.5	21.1	1-1/8	7/8	97	Call
MLZ066T2LP9	62000	9	POE	208-230/3/60	7.5 x 7.5	21.46	1-1/8	7/8	100	Call
MLZ066T4LP9	62000	9	POE	460/3/60	7.5 x 7.5	21.46	1-1/8	7/8	100	Call
MLZ076T2LP9	70000	10	POE	208-230/3/60	7.5 x 7.5	21.46	1-1/8	7/8	100	Call
MLZ076T4LP9	70000	10	POE	460/3/60	7.5 x 7.5	21.46	1-1/8	7/8	100	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

AF SERIES, R404A



- Suitable for applications -25°F to +15°F, less than 120°F condensing
- Charged with POE oil
- Capacity rated: -10°F evaporator / 120°F condensing / 40°F return gas / 120°F liquid

Bill of Material Variations
901: Electrical components and mounting parts included
959: Electrical components and mounting parts plus suction service valve

COPELAND

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
							Suction	Discharge		
AFB09C3EIAA901	730	1/3	115/1/60	4.8	6.4 x 4.0	7.9	5/16 S	1/4 S	22	457.00
AFE11C3EIAA901	980	1/3	115/1/60	5.9	6.4 x 4.0	8.1	5/16 S	1/4 S	24	535.00
AFT18C1EIAA901	1610	1/3	115/1/60	7.9	8.0 x 4.8	8.7	3/8 S	1/4 S	33	787.00
AFE17C4EIAA901	1700	1/2	115/1/60	7.8	6.4 x 4.0	8.6	5/16 S	1/4 S	25.6	579.00
AFE13C3EIAA901	1450	1/2	115/1/60	5.8	6.4 x 4.0	8.6	5/16 S	1/4 S	24	551.00
AFT22C1ECFV901	2090	1/2	208-230/1/60	3.7	8.0 x 4.8	8.7	3/8 S	1/4 S	33	Call
AFT22C1ECFV959	2090	1/2	208-230/1/60	3.7	8.0 x 4.8	8.7	3/8 VFL	1/4 S	33	Call
AFT22C1EIAA901	2160	1/2	115/1/60	9.2	8.0 x 4.8	8.7	3/8 S	1/4 S	33	871.00
AFT22C1EIAA959	2160	1/2	115/1/60	9.2	8.0 x 4.8	8.7	3/8 VFL	1/4 S	33	Call
AFT26C1ECFA901	2700	1/2+	115/1/60	7.7	8.0 x 4.8	8.7	3/8 S	1/4 S	33	950.00
AFT26C1ECFA959	2700	1/2+	115/1/60	7.7	8.0 x 4.8	8.7	3/8 VFL	1/4 S	33	969.00
AFT26C1ECFV901	2660	1/2+	208-230/1/60	4.6	8.0 x 4.8	8.7	3/8 S	1/4 S	33	983.00
AFT26C1ECFV959	2660	1/2+	208-230/1/60	4.6	8.0 x 4.8	8.7	3/8 VFL	1/4 S	33	Call
AFT29C1ECFA901	3020	2/3	115/1/60	9.7	8.0 x 4.8	8.7	3/8 S	1/4 S	36	Call
AFT29C1ECFV901	3020	2/3	208-230/1/60	5.0	8.0 x 4.8	8.7	3/8 S	1/4 S	36	Call
AFJ31C2ECFV901	3200	—	208-230/1/60	5.4	8.0 x 4.8	10.875	3/8 S	1/4 S	33.8	Call
AFJ37C2ECFV901	3750	—	208-230/1/60	8.0	8.0 x 4.8	11.0	—	5/16 S	37	Call

AS SERIES, R404A



- Suitable for applications -5°F to +25°F SST
- Charged with POE oil
- Capacity rated: +20°F evaporator / 120°F condensing / 40°F return gas / 120°F liquid

Bill of Material Variations
901: Electrical components and mounting parts included
959: Electrical components and mounting parts plus suction service valve

COPELAND

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
							Suction	Discharge		
ASB12C3EIAA901	1280	1/6	115/1/60	5.3	6.4 x 4.0	7.6	5/16 S	1/4 S	24	428.00
ASB14C3EIAA901	1530	1/5	115/1/60	6.8	6.4 x 4.0	7.6	5/16 S	1/4 S	24	435.00
ASE19C3EIAA901	1890	1/3	115/1/60	8.0	6.4 x 4.0	7.6	5/16 S	1/4 S	27	477.00
ASE24C3EIAA901	2290	1/3	115/1/60	6.0	6.4 x 4.0	8.1	5/16 S	1/4 S	27	484.00
ASE24C3EIAV901	2400	1/3	208-230/1/60	4.2	6.4 x 4.0	8.1	5/16 S	1/4 S	27	484.00
ASE32C3ECAA901	3330	1/2	115/1/60	9.2	6.4 x 4.0	8.6	5/16 S	1/4 S	27	739.00
ASE32C3ECAA959	3330	1/2	115/1/60	9.2	6.4 x 4.0	8.6	3/8 VFL	1/4 S	27	799.00
ASE32C3ECAV901	3320	1/2	208-230/1/60	4.9	6.4 x 4.0	8.6	5/16 S	1/4 S	27	739.00
AST40C1EIAA901	3610	1/2	115/1/60	13.0	8.0 x 4.8	7.6	3/8 S	1/4 S	30	753.00
AST40C1EIAV901	3610	1/2	208-230/1/60	6.9	8.0 x 4.8	7.6	3/8 S	1/4 S	30	Call
AST45C1EIAA901	4230	1/2+	115/1/60	15.3	8.0 x 4.8	8.7	3/8 S	1/4 S	38	Call
AST45C1ECAV901	4230	1/2+	208-230/1/60	6.5	8.0 x 4.8	8.7	3/8 S	1/4 S	38	Call
AST45C1ECAV959	4230	1/2+	208-230/1/60	6.5	8.0 x 4.8	8.7	3/8 VFL	1/4 S	38	Call
AST54C1ECAA901	5370	2/3	115/1/60	15.8	8.0 x 4.8	7.6	3/8 S	1/4 S	38	799.00
AST54C1ECAA959	5370	2/3	115/1/60	15.8	8.0 x 4.8	7.6	3/8 VFL	1/4 S	38	Call
AST54C1ECAV901	5400	2/3	208-230/1/60	7.8	8.0 x 4.8	7.6	3/8 S	1/4 S	38	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

AF SERIES, R134a

- Suitable for applications -25°F to +20°F SST
- Charged with POE oil
- Capacity rated: indicated evaporator / 120°F condensing / 40°F return gas / 120°F liquid

Bill of Material Variations
901: Electrical components and mounting parts included
959: Electrical components and mounting parts plus suction service valve

COPELAND

	Capacity (BTUH)							Connection (In.)			
Part No.	+20°F	-10°F	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Suction	Discharge	Ship Wgt. (Lbs.)	Price
AFB05C3EIAA901	1330	450	1/5	115/1/60	2.8	6.4 x 4.0	7.6	5/16 S	1/4 S	27	423.00
AFB05C3ESAA901	1470	497	1/5	115/1/60	2.8	6.4 x 4.0	7.6	5/16 S	1/4 S	27	Call
AFE07C3EIAA901	1600	710	1/4	115/1/60	4.4	6.4 x 4.0	8.1	5/16 S	1/4 S	24	448.00
AFE10C3EIAA901	2050	936	1/3	115/1/60	4.9	6.4 x 4.0	8.1	5/16 S	1/4 S	24	490.00
AFE12C3EIAA901	2520	1130	1/3	115/1/60	4.8	6.4 x 4.0	8.1	5/16 S	1/4 S	30	520.00
AFT12C1EIAA901	3150	1190	1/3	115/1/60	5.1	8.0 x 4.8	7.9	3/8 S	1/4 S	27	546.00
AFT12C1EIAA959	3150	1190	1/3	115/1/60	5.1	8.0 x 4.8	7.9	3/8 VFL	1/4 S	27	546.00

AR SERIES, R12

- Suitable for applications 0°F to +45°F SST, many suitable for temperatures to -30°F
- Charged with alkylbenzene oil
- Capacity rated: indicated evaporator / 130°F condensing

Bill of Material Variations
901: Electrical components and mounting parts included
959: Electrical components and mounting parts plus suction service valve

COPELAND

	Capacity (BTUH)							Connection (In.)			
Part No.	+45°F	-10°F	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Suction	Discharge	Ship Wgt. (Lbs.)	Price
ARB10C3SAA901	1410	380	1/8	115/1/60	2.4	6.4 x 4.0	7.0	5/16 S	1/4 S	21	290.00
ARB13C3SAA901	1680	490	1/6	115/1/60	2.8	6.4 x 4.0	7.0	5/16 S	1/4 S	21	338.00
ARB17C3SAA901	1950	585	1/5	115/1/60	3.5	6.4 x 4.0	7.6	5/16 S	1/4 S	21	394.00
ARE25C3SAA901	2760	700	1/4	115/1/60	4.5	6.4 x 4.0	7.4	5/16 S	1/4 S	24	416.00
ARE27C3IAA901	3140	N/A	1/4	115/1/60	5.0	6.4 x 4.0	7.6	5/16 S	1/4 S	24	345.00
ARE27C3IAA959	3140	N/A	1/4	115/1/60	5.0	6.4 x 4.0	7.6	3/8 VFL	1/4 S	24	398.00
ARE27C3SAA901	3140	N/A	1/4	115/1/60	5.0	6.4 x 4.0	7.6	5/16 S	1/4 S	24	Call
RS40C2IAA959	—	—	1/2	115/1/60	9.0	8.0 x 4.8	10.8	1RL	3/8 S	51	1068.00
ARE37C3IAA901	4150	1100	1/3	115/1/60	7.2	6.4 x 4.0	8.1	5/16 S	1/4 S	24	353.00
ARE37C3IAA959	4150	1100	1/3	115/1/60	7.2	6.4 x 4.0	8.1	3/8 VFL	1/4 S	24	406.00
ARE37C3SAA901	4150	1100	1/3	115/1/60	7.2	6.4 x 4.0	8.1	5/16 S	1/4 S	24	Call
ARE41C3IAA901	4720	1270	1/3+	115/1/60	7.5	6.4 x 4.0	8.6	5/16 S	1/4 S	24	479.00
ARE41C3IAA959	4720	1270	1/3+	115/1/60	7.5	6.4 x 4.0	8.6	3/8 VFL	1/4 S	24	524.00
ARE41C3SAA901	N/A	TBD	1/3+	115/1/60	7.5	6.4 x 4.0	8.6	5/16 S	1/4 S	24	Call
AFT12C1IAA901	N/A	1563	1/3	115/1/60	5.0	8.0 x 4.8	8.1	3/8 S	1/4 S	36	Call
AFT12C1IAA959	N/A	1563	1/3	115/1/60	5.0	8.0 x 4.8	8.1	3/8 VFL	1/4 S	36	532.00
ART51C1IAA901	5644	N/A	1/2	115/1/60	9.3	8.0 x 4.8	7.9	5/16 S	1/4 S	30	519.00
ART51C1IAA959	5644	N/A	1/2	115/1/60	9.3	8.0 x 4.8	7.9	3/8 VFL	1/4 S	30	553.00
ART62C1IAA901	5907	N/A	1/2	115/1/60	10.6	8.0 x 4.8	8.9	5/16 S	1/4 S	30	707.00
ARJ84C2IAA901	TBD	N/A	3/4	115/1/60	7.2	8.0 x 4.8	10.2	RL	5/16 S	43	Call
ARJ84C2IAV901	TBD	N/A	3/4	208-230/1/60	7.2	8.0 x 4.8	10.2	RL	5/16 S	43	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

AR SERIES, R134a



- Suitable for applications 0°F to +55°F SST
- Charged with POE oil
- Capacity rated models: 45°F evap / 130°F condensing / 65°F return gas / 130°F liquid or 20°F evap / 120°F condensing / 65°F return gas / 120°F liquid

Bill of Material Variations
901: Electrical components and mounting parts included959: Electrical components and mounting parts plus suction service valve

COPELAND

	Capacity (BTUH)							Connection (In.)			
Part No.	+45°F	+20°F	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Suction	Discharge	Ship Wgt. (Lbs.)	Price
ARB13C3EIAA901	1500	922	1/6	115/1/60	2.8	6.4 x 4.0	7.0	5/16 S	1/4 S	21	Call
ARB13C3ESAA901	1520	898	1/6	115/1/60	2.8	6.4 x 4.0	7.0	5/16 S	1/4 S	21	Call
ARB17C3EIAA901	1740	1060	1/5	115/1/60	3.5	6.4 x 4.0	7.6	5/16 S	1/4 S	21	309.36
ARB17C3ESAA901	1680	1020	1/5	115/1/60	3.8	6.4 x 4.0	7.6	5/16 S	1/4 S	21	394.00
ARE25C3EIAA901	2370	1390	1/4	115/1/60	4.7	6.4 x 4.0	7.6	5/16 S	1/4 S	24	458.00
ARE25C3ESAA901	2460	1450	1/4	115/1/60	4.5	6.4 x 4.0	7.6	5/16 S	1/4 S	24	416.00
ARE27C3EIAA901	2760	1600	1/4	115/1/60	5.0	6.4 x 4.0	7.6	5/16 S	1/4 S	24	458.00
ARE27C3EIAA959	2760	1600	1/4	115/1/60	5.0	6.4 x 4.0	7.6	3/8 VFL	1/4 S	24	517.00
ARE27C3ESAA901	2730	1580	1/4	115/1/60	5.0	6.4 x 4.0	7.6	5/16 S	1/4 S	24	Call
ARE37C3EIAA901	3730	2170	1/3	115/1/60	7.2	6.4 x 4.0	8.1	5/16 S	1/4 S	24	473.00
ARE37C3EIAA959	3730	2170	1/3	115/1/60	7.2	6.4 x 4.0	8.1	3/8 VFL	1/4 S	24	508.00
ARE37C3EIAV901	3790	2200	1/3	208-230/1/60	3.4	6.4 x 4.0	8.1	5/16 S	1/4 S	24	Call
ARE37C3EIAV959	3790	2200	1/3	208-230/1/60	3.4	6.4 x 4.0	8.1	3/8 VFL	1/4 S	24	522.00
ARE37C3ESAA901	3620	2100	1/3	115/1/60	6.7	6.4 x 4.0	8.1	5/16 S	1/4 S	24	Call
ARE41C3E-IAA-901	4250	2470	1/3+	115/1/60	7.5	6.4 x 4.0	8.6	5/16 S	1/4 S	24	Call
ARE41C3EIAA959	4250	2470	1/3+	115/1/60	7.5	6.4 x 4.0	8.6	3/8 VFL	1/4 S	24	513.00

AR SERIES, R22



- Suitable for applications 0°F to +55°F SST
- Charged with alkylbenzene oil
- Capacity rated models: 45°F evap / 130°F condensing / 65°F return gas / 130°F liquid or 20°F evap / 120°F condensing / 65°F return gas / 120°F liquid

Bill of Material Variations
901: Electrical components and mounting parts included
959: Electrical components and mounting parts plus suction service valve

COPELAND

	Capacity (BTUH)							Connection (In.)			
Part No.	+45°F	+20°F	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Suction	Discharge	Ship Wgt. (Lbs.)	Price
ARE36C3IAA901	3680	2130	1/4	115/1/60	6.7	6.4 x 4.0	8.1	5/16 S	1/4 S	24	460.00
ARE36C3SAA901	3680	2130	1/4	115/1/60	6.5	6.4 x 4.0	8.1	5/16 S	1/4 S	24	Call
ARE43C3IAA959	4080	2480	1/3	115/1/60	7.1	6.4 x 4.0	8.1	3/8 VFL	1/4 S	24	Call
ARE47C3IAA901	4850	3080	1/3+	115/1/60	7.9	6.4 x 4.0	8.8	3/8 S	1/4 S	24	Call
ARE47C3IAA959	4850	3080	1/3+	115/1/60	7.9	6.4 x 4.0	8.8	3/8 VFL	1/4 S	24	564.00
ARE59C3CAA901	5780	3540	1/2	115/1/60	8.0	6.4 x 4.0	8.6	5/16 S	1/4 S	24	741.00
ARE59C3CAA959	5780	3540	1/2	115/1/60	8.0	6.4 x 4.0	8.6	3/8 VFL	1/4 S	24	803.00
ARE59C3CAV901	5750	3520	1/2	208-230/1/60	4.0	6.4 x 4.0	8.6	5/16 S	1/4 S	24	741.00
ARE59C3CAV959	5750	3520	1/2	208-230/1/60	4.0	6.4 x 4.0	8.6	3/8 VFL	1/4 S	24	803.00
ART69C1IAA901	6500	3790	3/4	115/1/60	11.4	8.0 x 4.8	8.6	3/8 S	1/4 S	43	737.00
ART69C1IAA959	6500	3790	3/4	115/1/60	11.4	8.0 x 4.8	8.6	3/8 VFL	1/4 S	43	797.00
ART69C1IAV901	6500	3790	3/4	208-230/1/60	6.1	8.0 x 4.8	8.6	3/8 S	1/4 S	43	745.00
ART69C1IAV959	6500	3790	3/4	208-230/1/60	6.1	8.0 x 4.8	8.6	3/8 VFL	1/4 S	43	805.00
ART82C1CAA901	7990	4640	3/4	115/1/60	11.8	8.0 x 4.8	8.8	3/8 S	1/4 S	43	753.00
ART82C1CAV901	7830	4550	3/4	208-230/1/60	11.8	8.0 x 4.8	8.8	3/8 S	1/4 S	43	753.00
ART97C1CAA901	9500	5780	1	115/1/60	11.1	8.0 x 4.8	8.7	3/8 S	1/4 S	43	825.00
ART97C1PAA959	9700	5660	1	115/1/60	11.1	8.0 x 4.8	8.7	3/8 VFL	1/4 S	43	Call
ART97C1CAV901	9500	5790	1	208-230/1/60	6.3	8.0 x 4.8	8.7	3/8 S	1/4 S	43	755.00
ART97C1CAV959	9500	5790	1	208-230/1/60	6.3	8.0 x 4.8	8.7	3/8 VFL	1/4 S	43	906.00

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

CF SERIES, R404A



- Suitable for applications -40°F to 0°F SST
- Charged with POE oil
- Capacity rated: -10°F evaporator / 120°F condensing / 40°F return gas / 120°F liquid
- Mounting dimensions: 7.5" x 7.5"

Bill of Material Variations
970: Crankcase heater, mounting parts, screw terminals or terminal flag kit sweat connections, terminal cover; single phase models require capacitor; not provided
979: Starting components included plus crankcase heater, mounting parts, screw terminals or terminal flag kit, sweat connections, terminal cover

COPELAND

Part No.	Capacity (BTUH) -10°F	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
CF04K6EPFV979	3680	1-1/2	208-230/1/60	11.4	30 x 370	7.5 x 7.5	13.3	3/4 S	3/8 S	75	1313.00
CF04K6ETF5970	3660	1-1/2	200-230/3/60	7.0	—	7.5 x 7.5	13.3	3/4 S	3/8 S	75	1367.00
CF06K6EPFV979	6690	2	208-230/1/60	11.4	30 x 370	7.5 x 7.5	13.3	3/4 S	3/8 S	76	1522.00
CF06K6ETF5970	6320	2	200-230/3/60	7.0	—	7.5 x 7.5	13.3	3/4 S	3/8 S	76	1618.00
CF06K6ETFD970	6320	2	460/3/60	3.7	—	7.5 x 7.5	13.3	3/4 S	3/8 S	76	Call
CF09K6EPFV979	9800	2-1/2	208-230/1/60	16.7	40 x 370	7.5 x 7.5	13.8	3/4 S	1/2 S	70	1707.00
CF09K6ETF5970	9620	2-1/2	200-230/3/60	10.2	—	7.5 x 7.5	13.8	3/4 S	1/2 S	70	1840.00
CF09K6ETFD970	9620	2-1/2	460/3/60	5.5	—	7.5 x 7.5	14.19	3/4 S	1/2 S	70	Call
CF12K6EPFV979	12700	3	208-230/1/60	20.5	40 x 370	7.5 x 7.5	14.3	3/4 S	1/2 S	80	1835.00
CF12K6ETF5970	12500	3	200-230/3/60	12.3	—	7.5 x 7.5	14.3	3/4 S	1/2 S	80	1901.00
CF12K6ETFD970	12500	3	460/3/60	6.6	—	7.5 x 7.5	14.3	3/4 S	1/2 S	80	Call

R*T SERIES, R22



- Suitable for applications +25°F to +45°F SST
- Capacity rated models: 45°F evap / 130°F condensing / 65°F return gas / 130°F liquid or 20°F evap / 120°F condensing / 65°F return gas / 120°F liquid
- Mounting dimensions: 8.0" x 4.8"

All models include mounting parts, electrical components, Rotolock suction spud (R*T64C2CAV900 requires capacitor)
Typical Valve (not included)
3/8" for 3/4" RL spud
1/2" for 1" RL spud

COPELAND

Part No.	Capacity (BTUH) +45°F	Capacity (BTUH) +20°F	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
R*T47C2IAA959	8270	4680	3/4	115/1/60	14.3	—	11.1	1 RL	1/4 S	51	Call
R*T47C2IAV959	8270	4860	3/4	208-230/1/60	7.1	—	11.1	1 RL	1/4 S	51	Call
R*T64C2PAA959	11000	6680	1	115/1/60	15.2	30 x 440	10.8	1RL	3/8 S	51	Call
R*T64C2CAV900	11000	6680	1	208-230/1/60	7.7	15 x 370	11.3	1/2 S	3/8 S	51	Call
R*T64C2CAV959	11000	6680	1	208-230/1/60	7.7	15 x 370	11.3	1RL	3/8 S	51	Call
R*T70C1PAA900	12200	7270	1-1/4	115/1/60	16.7	30 x 370	11.25	1/2 S	3/8 S	51	Call
R*T70C1PFV900	12200	6930	1-1/4	208/230/1/60	7.0	25 x 370	11.25	1/2 S	3/8 S	51	Call
R*T70C1PFV959	12200	6930	1-1/4	208-230/1/60	7.0	25 x 370	11.25	1RL	3/8 S	51	Call
R*T70C1TFC950	12300	7280	1-1/4	208-230/3/60	4.7	—	11.25	1RL	3/8 S	51	Call
R*T70C1TFD950	12100	7160	1-1/4	460/3/60	2.6	—	11.25	1RL	3/8 S	51	Call
R*T14K1PFV959	14000	8290	1-1/2	208-230/1/60	8.5	25 x 370	11.1	1RL	3/8 S	51	Call
R*T17K1PFV959	17000	9890	1-3/4	208-230/1/60	10.4	30 x 370	11.6	1RL	3/8 S	51	Call
R*T20K1PFV959	20500	—	2	208-230/1/60	12.1	25 x 370	12.0	1RL	3/8 S	51	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

R*T SERIES, R134a

- Suitable for applications -5°F to +25°F SST
- Electrical components provided
- Quad mounting dimensions: 8.0" x 4.8"
- Charged with POE oil

Bill of Material Variations
908: Mounting parts, electrical components, sweat connections
959: Mounting parts, electrical components, Rotolock suction spud
Typical Valve: 1/2" for 1" RL spud

COPELAND

Part No.	Capacity (BTUH) +20°F	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
R*T18C2EIAA959	5020	1/2	115/1/60	12.9	—	10.8	1RL	3/8 S	51	Call
R*T18C2EIAV959	4740	1/2	208-230/1/60	7.1	—	10.8	1RL	3/8 S	51	Call
R*T40C2EIAA959	4000	1/2	115/1/60	9.0	—	10.8	1RL	3/8 S	51	Call
R*T40C2EIAV959	3940	1/2	208-230/1/60	4.9	—	11.3	1RL	3/8 S	51	Call
R*T81C2EIAA959	4520	3/4	115/1/60	15.2	—	10.8	1RL	3/8 S	51	Call
R*T81C2EIAV959	4520	3/4	208-230/1/60	9.0	—	11.3	1RL	3/8 S	51	Call
R*T54C2EIAA908	5410	3/4	115/1/60	11.8	—	10.8	1/2 S	3/8 S	51	Call
R*T54C2EIAA959	5410	3/4	115/1/60	11.8	—	10.8	1RL	3/8 S	51	Call
R*T54C2EIAV908	5400	3/4	208-230/1/60	6.8	—	10.8	1/2 S	3/8 S	51	Call
R*T54C2EIAV959	5400	3/4	208-230/1/60	6.8	—	10.8	1RL	3/8 S	51	Call
R*T10K2ECAA959	5520	1	115/1/60	16.9	30 x 370	10.8	1RL	3/8 S	51	Call
R*T10K2ECAV959	5380	1	208-230/1/60	8.3	15 x 370	10.8	1RL	3/8 S	51	Call

R*T SERIES, R404A

- All suitable for applications -25°F to +30°F SST R404A
- Capacity rated: +20°F or -10°F evaporator / 120°F condensing / 40°F return gas / 120°F liquid
- Many also suitable for MT R22 applications
- Quad mounting dimensions: 8.0" x 4.8"
- Charged with POE oil

Bill of Material Variations
908: Mounting parts, electrical components, sweat connections
959: Mounting parts, electrical components, Rotolock suction spud
Typical Valve 1/2" for 1" RL spud

COPELAND

Part No.	Capacity (BTUH) +20°F	Capacity (BTUH) -10°F	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
R*T45C1EIAA901	4140	1845	1/2	115/1/60	10.5	—	8.69	3/8 S	1/4 S	51	Call
R*T45C1EIAV901	4380	1985	1/2	208-230/1/60	5.1	—	8.69	3/8 S	1/4 S	51	Call
R*T45C1ECAV901	4320	1955	1/2	208-230/1/60	5.1	15 x 440	8.69	3/8 S	1/4 S	51	Call
R*T55C1ECAA901	5200	2280	3/4	115/1/60	15.0	35 x 440	8.69	3/8 S	1/4 S	51	Call
R*T55C1ECAV901	5300	2450	3/4	208-230/1/60	6.8	15 x 440	8.69	3/8 S	1/4 S	51	Call
R*T64C1ECFA901	6680	3240	1	115/1/60	14.6	40 x 440	9.2	3/8 S	1/4 S	51	Call
R*T64C1ECAV901	6600	3150	1	208-230/1/60	8.9	20 x 440	9.2	3/8 S	1/4 S	51	Call
R*T64C1ECAV959	6600	3150	1	208-230/1/60	7.7	20 x 440	9.2	—	—	51	Call
R*T64C1EIAV901	6500	3230	1	208-230/1/60	9.2	—	9.2	1/4 S	3/8 S	51	Call
R*T70C1EPFV959	6950	2780	1-1/4	208-230/1/60	7.0	25 x 370	11.3	1RL	3/8 S	54	Call
R*70C1ETFC900	6880	2750	1-1/4	208-230/3/60	4.7	—	10.8	1/2 S	3/8 S	51	Call
R*70C1ETFC950	6880	2750	1-1/4	208-230/1/60	4.7	—	11.3	1RL	3/8 S	54	Call
R*T80C2ECAA908	8000	3620	1-1/2	115/1/60	18.6	25 x 370	10.8	1/2 S	3/8 S	51	Call
R*T80C2ECAV959	8100	3670	1-1/2	208-230/1/60	9.6	20 x 440	11.3	1RL	3/8 S	51	Call
R*T80C2ETF5959	8440	3730	1-1/2	200-230/3/60	6.4	—	10.8	1RL	3/8 S	51	Call
R*T86C2EPFV908	8780	3930	1-1/2	208-230/1/60	9.8	30 x 370	10.8	1/2 S	3/8 S	51	Call
R*T86C2EPFV958	8780	3930	1-1/2	208-230/1/60	9.8	30 x 370	10.8	1RL	3/8 S	51	Call
R*T97C2ECAA959	9080	3620	1	115/1/60	19.6	35 x 370	10.8	1RL	3/8 S	56	Call
R*T97C2ECAV959	9080	3620	1	208-230/1/60	11.0	25 x 440	10.8	1RL	3/8 S	56	Call
R*T97C2ETFC959	9120	3640	1	208-230/3/60	7.0	—	11.6	1RL	3/8 S	56	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

CR SERIES, R407C R22

- Suitable for applications 0°F to 55°F SST
- KQE models are advanced reciprocating technology, polyol ester oil
- Capacity rated models: 45°F evap / 130°F condensing or 20°F evap / 120°F condensing / 65°F return gas / 115°F liquid

All models include crankcase heater, mounting parts, terminal flag kit (up to 3 1/2 HP), screw terminals (4 HP and larger), terminal cover

COPELAND

Part No.	Capacity (BTUH)		HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
	+45°F	+20°F							Suction	Discharge		
CR16KQEPFV980WB	14440	7720	1-1/2	208-230/1/60	7.9	25 x 440	7.5 x 7.5	13-1/8	5/8	3/8	62	Call
CR18KQEPFV980WB	17100	9000	1-1/2	208-230/1/60	9	30 x 440	7.5 x 7.5	13-1/8	5/8	3/8	69	Call
CR18KQEPFV966VD	17100	9000	1-1/2	208-230/1/60	9	30 x 440	7.5 x 7.5	13-1/8	RL	3/8	62	794.00
CR18KQETF5980WB	16900	8590	1-1/2	200-230/3/60	6	—	7.5 x 7.5	13-1/8	5/8	3/8	51	Call
CR18KQETF5966VD	16900	8590	1-1/2	200-230/3/60	6	—	7.5 x 7.5	13-1/8	RL	3/8	62	970.00
CR18KQETFD980WB	16900	8240	1-1/2	460/3/60	3.07	—	7.5 x 7.5	13-1/8	5/8	3/8	51	Call
CR18KQETFD966VD	16900	8240	1-1/2	460/3/60	3.07	—	7.5 x 7.5	13-1/8	RL	3/8	62	Call
CR20KQEPFV980WB	18200	9850	1-3/4	208-230/1/60	10.1	30 x 370	7.5 x 7.5	13-1/4	5/8	3/8	62	Call
CR22KQEPFV980WB	20000	10600	1-3/4	208-230/1/60	11.1	35 x 440	7.5 x 7.5	13-1/4	5/8	3/8	62	Call
CR24KQEPFV980WB	22100	11900	2	208-230/1/60	13.5	35 x 440	7.5 x 7.5	13-3/8	5/8	3/8	65	Call
CR24KQEPFV966VD	22100	11900	2	208-230/1/60	13.5	35 x 440	7.5 x 7.5	13-3/8	RL	3/8	65	813.00
CR24KQETF5980WB	21600	12300	2	200-230/3/60	7.7	—	7.5 x 7.5	13-3/8	5/8	3/8	51	Call
CR24KQETF5966VD	21600	12300	2	200-230/3/60	7.7	—	7.5 x 7.5	13-3/8	RL	3/8	65	989.00
CR24KQETFD980WB	21400	11500	2	460/3/60	4	—	7.5 x 7.5	13-3/8	5/8	3/8	51	Call
CR24KQETFD966VD	21400	11500	2	460/3/60	4	—	7.5 x 7.5	13-3/8	RL	3/8	65	Call
CR28KQEPFV980WB	25100	13700	2-1/4	208-230/1/60	15	35 x 440	7.5 x 7.5	13-1/2	5/8	3/8	65	Call
CR28KQEPFV966VD	25100	13700	2-1/4	208-230/1/60	15	35 x 440	7.5 x 7.5	13-1/2	RL	3/8	65	850.00
CR28KQETF5980WB	25100	15000	2-1/4	200-230/3/60	10	—	7.5 x 7.5	13-1/2	5/8	3/8	51	Call
CR28KQETF5966VD	25100	15000	2-1/4	200-230/3/60	10	—	7.5 x 7.5	13-1/2	RL	3/8	65	1026.00
CR28KQETFD980WB	25500	15000	2-1/4	460/3/60	4.8	—	7.5 x 7.5	13-1/2	5/8	3/8	51	Call
CR30KQEPFV980WB	27100	15200	2-1/2	208-230/1/60	15	35 x 440	7.5 x 7.5	13-3/4	3/4	3/8	68	Call
CR30KQETFD980WB	27000	16400	2-1/2	460/3/60	4.9	—	7.5 x 7.5	13-3/4	3/4	3/8	51	Call
CR33KQEPFV980WB	30200	17000	2-3/4	208-230/1/60	16	40 x 440	7.5 x 7.5	13-1/8	3/4	3/8	72	Call
CR33KQETF5980WB	29500	17200	2-3/4	200-230/3/60	11.4	—	7.5 x 7.5	13-7/8	3/4	3/8	72	Call
CR33KQETFD980WB	29600	16600	2-3/4	460/3/60	4.7	—	7.5 x 7.5	13-7/8	3/4	3/8	72	Call
CR34KQEPFV980WB	31000	17500	2-3/4	208-230/1/60	16.7	40 x 440	7.5 x 7.5	13-3/8	3/4	3/8	72	Call
CR34KQETF5980WB	31400	18300	2-3/4	200-230/3/60	11.8	—	7.5 x 7.5	14.0	3/4	3/8	72	Call
CR34KQETFD980WB	30700	18300	2-3/4	460/3/60	5.4	—	7.5 x 7.5	13-3/4	3/4	3/8	72	Call
CR37KQEPFV980WB	33939	19023	3	208-230/1/60	18.5	40 x 370	7.5 x 7.5	13-5/8	3/4	3/8	76	Call
CR37KQEPFV966VD	33969	19023	3	208-230/1/60	18.5	40 x 370	7.5 x 7.5	13-5/8	RL	3/8	76	984.00
CR37KQETF5980WB	33600	19800	3	200-230/3/60	11.1	—	7.5 x 7.5	14-3/8	3/4	3/8	76	Call
CR37KQETF5966VD	33600	19800	3	200-230/3/60	11.1	—	7.5 x 7.5	14-3/8	RL	3/8	76	1223.00
CR37KQETFD980WB	33600	19800	3	460/3/60	5.6	—	7.5 x 7.5	14-3/8	3/4	3/8	76	Call
CR37KQETFD966VD	33600	19800	3	460/3/60	5.6	—	7.5 x 7.5	14-3/8	RL	3/8	76	Call
CR41KQEPFV980WB	37700	21900	3-1/4	208-230/1/60	19.4	50 x 440	7.5 x 7.5	13-7/8	3/4	3/8	76	Call
CR41KQEPFV966VD	37700	21900	3-1/4	208-230/1/60	19.4	50 x 440	7.5 x 7.5	13-7/8	RL	3/8	76	Call
CR41KQETF5980WB	37400	22200	3-1/4	200-230/3/60	13.1	—	7.5 x 7.5	14-5/8	3/4	3/8	76	Call
CR41KQETF5966VD	37400	22200	3-1/4	200-230/3/60	13.1	—	7.5 x 7.5	14-5/8	RL	3/8	76	1238.00
CR41KQETFD980WB	37800	22600	3-1/4	460/3/60	5.9	—	7.5 x 7.5	14-5/8	3/4	3/8	76	Call
CR47KQEPFV980WB	44500	26200	3-1/2	208-230/1/60	24.6	45 x 440	7.5 x 7.5	14-7/8	7/8	1/2	80	Call
CR47KQETF5980WB	43700	26100	3-1/2	200-230/3/60	16	—	7.5 x 7.5	14-7/8	7/8	1/2	80	Call
CR47KQETFD980WB	44000	26300	3-1/2	460/3/60	8.2	—	7.5 x 7.5	14-7/8	7/8	1/2	80	Call
CR53KQEPFV980WB	49900	29400	4	208-230/1/60	29	60 x 440	7.5 x 7.5	14-7/8	7/8	1/2	80	Call
CR53KQETF5980WB	48900	28900	4	200-230/3/60	18	—	7.5 x 7.5	14-7/8	7/8	1/2	80	Call
CR53KQETF5966VD	48900	28900	4	200-230/3/60	18	—	7.5 x 7.5	14-7/8	RL	1/2	80	1598.00
CR53KQETFD980WB	48800	29100	4	460/3/60	9.1	—	7.5 x 7.5	14-7/8	7/8	1/2	80	Call
CRNQ050EPFV970	57500	32400	5	208-230/1/60	34.3	55 x 440	7.5 x 7.5	16-1/2	RL	1/2	91	1444.00
CRNQ050ETF5970	57500	32400	5	200-230/3/60	21.4	—	7.5 x 7.5	16-1/2	RL	1/2	91	1642.00
CRNQ050ETFD970	57500	32400	5	460/3/60	9.6	—	7.5 x 7.5	16-1/2	RL	1/2	91	1642.00

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

COMMERCIAL, R12



- For applications +10°F to +40°F SST
- Necessary start components supplied.
- Rotolock (RL) suction spud supplied with valve.
- Quad mounting dimensions: 8.0" x 4.8"
- Capacity rated: +20°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
AKA9434AXA	3550	1/2	115/1/60	7.75	8.8	3/4 RL	1/4 S	41	1166.30
AKA9441AXA	4100	1/2	115/1/60	9.2	10 1/2	3/4 RL - 1/2 F	1/4 S	45	1207.60

COMMERCIAL, R22

- For applications +10°F to +40°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: +20°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
							Suction	Discharge		
AEA9415EXA	1530	1/5	115/1/60	4.3	6.5 x 4.0	8-3/4	5/16 S	1/4 S	25	649.70
AEA9422EXA	2200	1/3	115/1/60	6.1	6.5 x 4.0	8-1/4	5/16 S	1/4 S	25	670.53
AKA9428EXA	2800	1/3	115/1/60	7.3	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	45	1192.07
AKA9428EXD	2800	1/3	208-230/1/60	3.9	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	45	1189.31
AKA9442EXA	4200	1/2	115/1/60	8.8	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	45	1192.07
AKA9442EXD	4200	1/2	208-230/1/60	4.0	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	45	1199.25
AKA9455EXD	5500	3/4	208-230/1/60	4.9	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	45	1296.95
AKA9462EXD	6200	1	208-230/1/60	5.3	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	45	1336.18
AJA9484EXD	8400	1	208-230/1/60	6.9	8.0 x 4.8	12	1/2 S	5/16 S	50	1607.39

COMMERCIAL, R404A

- For applications 0 to +45°F SST. Over 30°F may require special motor protector
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: +20°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
							Suction	Discharge		
AEA9415ZXA	1490	1/5	115/1/60	4.5	6.5 x 4.0	8-3/4	5/16 S	1/4 S	25	618.62
AEA9422ZXA	2200	1/3	115/1/60	6.7	6.5 x 4.0	8-1/4	5/16 S	1/4 S	25	618.62
AKA9427ZXA	2700	1/3	115/1/60	7.8	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	45	Call
AKA9438ZXA	3750	3/4	115/1/60	9.2	plate	10-1/2	3/4 RL - 1/2 F	1/4 S	41	1188.21
AKA9438ZXD	3750	3/4	208-230/1/60	4.3	plate	10-1/2	3/4 RL - 1/2 F	1/4 S	41	1212.04
AKA9455ZXA	5450	3/4	115/1/60	10.1	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	45	1207.99
AKA9455ZXD	5450	3/4	208-230/1/60	5.7	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	45	1182.36
AKA9462ZXA	6250	3/4+	115/1/60	11.9	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	45	1205.65
AKA9462ZXD	6250	3/4+	208-230/1/60	6.8	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	45	1266.95
AVA9522ZXN	22000	2	208-230/1/60	17	7.5 x 7.5	14	7/8 S	1/2 S	65	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

HIGH, R12

- For applications +20°F to +45°F SST
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: +45°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
							Suction	Discharge		
AEA3414AXA	1450	1/6	115/1/60	2.9	6.5 x 4.0	7-25/32	1/4 S	3/16 S	25	602.00
AEA3417AXA	1850	1/5	115/1/60	3.4	6.5 x 4.0	8-15/32	5/16 S	1/4 S	26	609.10
AEA3425AXA	2600	1/5	115/1/60	4.4	6.5 x 4.0	8-15/32	5/16 S	1/4 S	26	559.34
AE3430A1	3100	1/4	115/1/60	5	6.5 x 4.0	9	5/16 S	1/4 S	25	443.12
AEA4430AXA	3100	1/4	115/1/60	5	6.5 x 4.0	9	RL- 3/8 F	1/4 S	26	482.45
AEA4440AXA	4100	1/3	115/1/60	6.8	6.5 x 4.0	9	RL - 3/8 F	1/4 S	26	439.26
AEA4440AXAJ9	4100	1/3	115/1/60	6.8	6.5 x 4.0	9	5/16 S	1/4 S	28	Call
AEA4448AXA	4800	1/3	115/1/60	8	6.5 x 4.0	9	3/8 S	1/4 S	26	703.68
AJA4461AXA	6100	1/2	115/1/60	9.1	8.0 x 4.8	11-21/32	3/4 RL - 1/2 F	5/16 S	49	1242.23
AJA4461A1	6100	1/2	115/1/60	9.1	8.0 x 4.8	11-7/32	3/8 S	1/4 S	50	Call
AJA4461AXD	6100	1/2	208-230/1/60	4.5	8.0 x 4.8	11-21/32	3/4 RL - 1/2 F	5/16 S	49	1373.97
AJA4492AXA	9150	3/4	115/1/60	13.7	8.0 x 4.8	11-21/32	1 RL - 5/8 F	5/16 S	50	1375.84
AJA4492AXD	9150	3/4	208-230/1/60	7	8.0 x 4.8	11-21/32	1 RL - 5/8 F	5/16 S	50	1438.28
AJA4512AXD	12300	1	208-230/1/60	7	8.0 x 4.8	11-21/32	1 RL - 5/8 F	5/16 S	50	1693.38
AHA4518AXD	18000	1-1/2	208-230/1/60	10	7.5 x 7.5	14-1/2	1-1/4 RL - 7/8 S	3/8 S	75	2250.65
AHA4518AXF	18000	1-1/2	208-230/3/60	6.2	7.5 x 7.5	15-1/2	1-1/4 RL - 7/8 S	3/8 S	75	Call
AHA4518AXG	18000	1-1/2	460/3/60	3.6	7.5 x 7.5	15-1/2	1-1/4 RL - 7/8 S	3/8 S	75	Call
AHA4525AXD	25500	2	208-230/1/60	15	7.5 x 7.5	15-1/2	1-1/4 RL - 7/8 S	3/8 S	75	2275.57
AHA4525AXF	25500	2	208-230/3/60	9.2	7.5 x 7.5	15-1/2	1-1/4 RL - 7/8 S	3/8 S	75	Call
AHA4525AXG	25500	2	460/3/60	4.5	7.5 x 7.5	15-1/2	1-1/4 RL - 7/8 S	3/8 S	75	Call
AGA4534AXN	33700	3	208-230/1/60	17	7.5 x 7.5	16-1/2	1-1/4 RL - 1-1/8 S	1/2 S	110	3065.95
AGA4534AXT	33700	3	208-230/3/60	10.4	7.5 x 7.5	16-1/2	1-1/4 RL - 1-1/8 S	1/2 S	110	2569.24
AGA4543AXN	43000	4	208-230/1/60	22.5	7.5 x 7.5	16-1/2	1-1/4 RL - 1-1/8 S	1/2 S	110	Call
AGA4543AXT	43000	4	208-230/3/60	13.8	7.5 x 7.5	16-1/2	1-1/4 RL - 1-1/8 S	1/2 S	110	Call

HIGH, R134a

- For applications +20°F to +45°F SST
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: R134a, +45°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
							Suction	Discharge		
AEA3414YXA	1400	1/6	115/1/60	2.9	6.5 x 4.0	7-25/32	1/4 S	3/16 S	25	599.20
AEA3417YXA	1800	1/5	115/1/60	3.4	6.5 x 4.0	8-15/32	1/4 S	3/16 S	26	615.46
AEA3425YXA	2500	1/5	115/1/60	4.4	6.5 x 4.0	8-15/32	1/4 S	3/16 S	26	527.48
AEA9423YXA	N/A	1/4	115/1/60	7.7	6.5 x 4.0	9.2	5/16 S	1/4 S	26	Call
AE3430Y1	3000	1/4	115/1/60	5.4	6.5 x 4.0	9	5/16 S	1/4 S	28	528.06
AEA3440YXA	4100	1/3	115/1/60	6.9	6.5 x 4.0	9	5/16 S	1/4 S	26	612.85
AEA4430YXA	3000	1/4	115/1/60	5.3	6.5 x 4.0	9	3/8 S	1/4 S	26	556.84
AEA4440YXA	3960	1/3	115/1/60	7.2	6.5 x 4.0	9	3/8 S	1/4 S	26	462.27
AEA4440YXAJ9	3960	1/3	115/1/60	7.2	6.5 x 4.0	8-15/32	5/16 S	1/4 S	28	Call
AEA4448YXAJ9	4650	1/3	115/1/60	8.2	6.5 x 4.0	9	5/16 S	1/4 S	28	Call
AKA4460YXA	6300	1/2	115/1/60	9.5	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	41	1282.75
AKA4460YXD	6300	1/2	208-230/1/60	4.8	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	41	Call
AKA4476YXA	7680	1/2	115/1/60	11.3	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	41	1381.34
AKA4476YXD	7680	1/2	208-230/1/60	5.7	8.0 x 4.8	10-1/2	3/4 RL - 1/2 F	1/4 S	41	1452.95
AJA4492YXA	9000	3/4	115/1/60	13	8.0 x 4.8	11-21/32	1 RL - 5/8 F	5/16 S	50	1489.53
AJA4492YXD	9000	3/4	208-230/1/60	7.0	8.0 x 4.8	11-21/32	1 RL - 5/8 F	5/16 S	50	1503.61
AJA4512YXD	12100	1	208-230/1/60	7.0	8.0 x 4.8	11-21/32	1 RL - 5/8 F	5/16 S	50	1513.82

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

HIGH, R22

- For applications +20°F to +45°F SST
- Rotolock (RL) suction spud supplied with valve
- Quad mounting dimensions: 7.5" x 7.5"
- Capacity rated: +45°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
AWG4520EXN	20500	1-3/4	208-230/1/60	9.3	14-1/2	1-1/4 RL - 7/8 S	3/8 S	65	1525.33
AWG4524EXN	24200	2	208-230/1/60	11	13-3/8	5/8 S	3/8 S	65	1460.43
AWG4530EXN	30200	2-1/2	208-230/1/60	14.4	13-3/8	5/8 S	3/8 S	65	Call
AVA4542EXN	42500	3-1/2	208-230/1/60	19.7	14-1/2	7/8 S	1/2 S	90	Call

MEDIUM, R12

- For applications -10°F to +30°F SST
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: +20°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
							Suction	Discharge		
AJA7441AXA	4400	1/2	115/1/60	8.8	8.0 x 4.8	11-21/32	3/4 RL - 1/2 F	5/16 S	50	1256.54
AJA7441AXD	4400	1/2	208-230/1/60	5.0	8.0 x 4.8	11-21/32	3/4 RL - 1/2 F	5/16 S	50	1364.34
AJA7465AXA	6650	3/4	115/1/60	11.6	8.0 x 4.8	12	1 RL - 5/8 F	5/16 S	50	1581.31
AJA7465A1	6650	3/4	115/1/60	11.6	8.0 x 4.8	12	3/8 S	1/4 S	58	Call
AJB7465AXD	6650	3/4	208-230/1/60	7.0	8.0 x 4.8	12	1 RL - 5/8 F	5/16 S	54	1458.02
AHA7480AXD	8000	1	208-230/1/60	6.5	7.5 x 7.5	14-1/2	1-1/4 RL - 5/8 S	3/8 S	75	2138.37
AHA7480AXF	8000	1	208-230/3/60	4.2	7.5 x 7.5	15-1/2	1-1/4 RL - 5/8 S	3/8 S	75	2355.64
AHB7511AXD	12000	1-1/2	208-230/1/60	8.6	7.5 x 7.5	15-1/2	1-1/4 RL - 7/8 S	3/8 S	75	2458.83
AHA7511AXF	12000	1-1/2	208-230/3/60	5.7	7.5 x 7.5	15-1/2	1-1/4 RL - 7/8 S	3/8 S	75	2488.86
AHA7514AXD	14000	2	208-230/1/60	10.4	7.5 x 7.5	15-1/2	1-1/4 RL - 7/8 S	3/8 S	75	2399.16
AHA7514AXF	14000	2	208-230/3/60	7.3	7.5 x 7.5	15-1/2	1-1/4 RL - 7/8 S	3/8 S	75	2440.04

MEDIUM, R134a

- For applications -10°F to +30°F SST
- Rotolock (RL) suction spud supplied with valve
- Quad mounting dimensions: 8.0" x 4.8"
- Capacity rated: +20°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
AZA0370YXA	700	1/12	115/1/60	2.2	—	5/16 S	3/16 S	25	484.85
AZA0395YXA	950	1/8	115/1/60	2.9	—	5/16 S	3/16 S	25	538.20
TPA9421YXA	2075	1/3	115/1/60	7.2	9	3/8 S	1/4 S	26	591.28
AJA7461YXA	6110	3/4	115/1/60	10.1	12	1 RL - 5/8 F	5/16 S	50	1643.93
AJA7461YXD	6110	3/4	208-230/1/60	6.4	12	1 RL - 5/8 F	5/16 S	50	1524.20

MEDIUM, R404A

- For applications -10°F to +30°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
							Suction	Discharge		
AWA7490ZXD	9000	1	208-230/1/60	7.4	7.5 x 7.5	14-1/2	1-1/4 RL - 7/8 S	3/8 S	65	1838.42
AJA7494ZXD	9350	1	208-230/1/60	8.9	8.0 x 4.8	12	1 RL - 5/8 F	5/16 S	54	1629.38
AWA7512ZXD	11600	1-1/2	208-230/1/60	9.5	7.5 x 7.5	14-1/2	1-1/4 RL - 7/8 S	3/8 S	65	2076.52
AWA7512ZXT	11500	1-1/2	208-230/3/60	8.0	7.5 x 7.5	14	1-1/4 RL - 7/8 S	3/8 S	65	Call
AVA7524ZXN	24000	3	208-230/1/60	16.7	7.5 x 7.5	15	7/8 S	1/2 S	90	1246.36
AVA7524ZXT	24000	3	208-230/3/60	10.9	7.5 x 7.5	15-7/8	7/8 S	1/2 S	90	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

LOW, R12

- For applications -30°F to +10°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: -10°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
							Suction	Discharge		
AEA1336AXA	375	1/8	115/1/60	1.7	6.5 x 4.0	7-25/32	1/4 S	3/16 S	25	586.09
AEA1343AXA	450	1/6	115/1/60	2.3	6.5 x 4.0	7-25/32	1/4 S	1/4 S	25	617.99
AEA1360AXA	650	1/5	115/1/60	2.5	6.5 x 4.0	8-15/32	5/16 S	1/4 S	25	617.99
AEB1380AXA	820	1/5	115/1/60	2.75	6.5 x 4.0	7.7	5/16 S	1/4 S	24	544.64
AEA1410AXA	1050	1/4	115/1/60	4.1	6.5 x 4.0	9	5/16 S	1/4 S	25	603.21
AEA2410AXA	1050	1/4	115/1/60	4.5	6.5 x 4.0	9	3/8 S	1/4 S	25	763.85
AEB1411AXA	1075	1/4	115/1/60	3.8	6.5 x 4.0	7.7	5/16 S	1/4 S	25	Call
AEA2413AXA	1300	1/3	115/1/60	4.8	6.5 x 4.0	9	3/8 S	1/4 S	25	831.01
AEB1413AXA	1330	1/3	115/1/60	4.2	6.5 x 4.0	7.7	5/16 S	1/4 S	27	500.84
AEA2415AAB	1525	1/3	115/1/60	6.0	6.5 x 4.0	9	3/8 S	1/4 S	25	817.05
AJA2416AXA	1525	1/3	115/1/60	6.8	8.0 x 4.8	11-21/32	3/4 RL - 3/8 F	5/16 S	50	1131.23
AJA2425AXA	2200	1/2	115/1/60	7.9	8.0 x 4.8	11-21/32	3/4 RL - 1/2 F	5/16 S	50	1376.62
AJA2425AXD	2200	1/2	208-230/1/60	4.3	8.0 x 4.8	11-21/32	3/4 RL - 1/2 F	5/16 S	50	1364.34
AHA2435AXD	3400	3/4	208-230/1/60	6.4	7.5 x 7.5	14-1/2	1-1/4 RL - 5/8 S	3/8 S	75	2250.92
AHA2445AXD	4400	1	208-230/1/60	8.2	7.5 x 7.5	14-1/2	1-1/4 RL - 5/8 S	3/8 S	75	2325.06
AHA2445AXF	4400	1	208-230/3/60	3.8	7.5 x 7.5	15-1/2	1-1/4 RL - 5/8 S	3/8 S	75	Call
AHA2466AXD	6600	1-1/2	208-230/1/60	9.7	7.5 x 7.5	15-1/2	1-1/4 RL - 7/8 S	3/8 S	75	2382.39
AHA2466AXF	6600	1-1/2	208-230/3/60	5.4	7.5 x 7.5	15-1/2	1-1/4 RL - 7/8 S	3/8 S	75	2560.23

LOW, R134a

- For applications -30°F to +10°F SST
- Necessary start components supplied
- Quad mounting dimensions: 6.5" x 4.0"
- Capacity rated: -10°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
AEA1338YXA	380	1/8	115/1/60	—	—	1/4	3/16	25	Call
AEA1360YXA	640	1/5	115/1/60	2	7.2	1/4	3/16	25	Call
TPA1380YXA	870	1/5	115/1/60	TBD	—	5/16	1/4	25	505.83
TPA1390YXA	970	1/5	115/1/60	TBD	—	5/16	1/4	25	481.32
TPA1410YXA	1100	1/4	115/1/60	TBD	—	5/16	1/4	25	Call
AEA2410YXA	1020	1/4	115/1/60	5.6	9	1/4 S	1/4 S	25	731.37
AEA2413YXA	1350	1/3	115/1/60	5.9	9	1/4 S	1/4 S	25	748.61
AJA2419YXA	1860	1/2	115/1/60	6.8	10.34	3/4 RL	5/16	53	1377.95

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

LOW, R404A

- For applications -30°F to +10°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: -10°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
							Suction	Discharge		
AEA2380ZXA	750	1/4	115/1/60	4.4	6.5 x 4.0	8-1/4	5/16 S	1/4 S	25	656.88
AEA2411ZXA	1100	1/3	115/1/60	5.9	6.5 x 4.0	8-1/4	5/16 S	1/4 S	25	693.85
AJA2419ZXA	1865	1/2	115/1/60	6.7	8.0 x 4.8	11-21/32	3/4 RL - 1/2 F	5/16 S	50	1491.44
AJA2425ZXA	2450	1/2	115/1/60	7.9	8.0 x 4.8	11-21/32	3/4 RL - 1/2 F	5/16 S	50	1409.07
AJA2425ZXD	2450	1/2	208-230/1/60	4.4	8.0 x 4.8	11-21/32	3/4 RL - 1/2 F	5/16 S	50	Call
AJB2433ZXA	3410	3/4	115/1/60	10.0	8.0 x 4.8	11-7/32	3/8 S	5/16 S	56	1596.04
AJB2433ZXD	3330	3/4	208-230/1/60	4.7	8.0 x 4.8	11-7/32	3/8 S	5/16 S	56	1604.50
AWA2440ZXD	3775	1	208-230/1/60	5.1	7.5 x 7.5	14-1/2	1-1/4 RL - 5/8 S	5/16 S	65	2033.58
AWA2440ZXT	3775	1	208-230/3/60	3.8	7.5 x 7.5	14-1/2	1-1/4 RL - 5/8 S	5/16 S	65	Call
AJB2444ZXA	4325	1	115/1/60	13.0	8.0 x 4.8	—	3/8 S	5/16 S	56	Call
AJB2444ZXD	4440	1	208-230/1/60	6.5	8.0 x 4.8	—	3/8 S	5/16 S	56	Call
AWA2460Z2	6300	1-1/2	208-230/1/60	8.2	7.5 x 7.5	14-1/2	1-1/4 RL - 7/8 S	3/8 S	64	Call
AWA2460ZXDSWT	6300	1-1/2	208-230/1/60	8.2	7.5 x 7.5	13-7/8	5/8 S	3/8 S	64	Call
AWA2460Z3	6000	1-1/2	208-230/3/60	5.6	7.5 x 7.5	14-1/2	1-1/4 RL - 7/8 S	3/8 S	64	Call
AWA2460ZXTSWT	6000	1-1/2	208-230/3/60	5.6	7.5 x 7.5	13-7/8	5/8 S	3/8 S	64	Call
AVA2490ZXN	9500	2-1/4	208-230/1/60	11.4	7.5 x 7.5	14	7/8 S	1/2 S	95	2436.56
AVA2490ZXT	9000	2-1/4	200-230/3/60	7.4	7.5 x 7.5	14	7/8 S	1/2 S	79	2285.32
AVA2512ZXN	12500	3	208-230/1/60	16.9	7.5 x 7.5	14	7/8 S	1/2 S	94	Call
AVA2512ZXT	12500	3	200-230/3/60	9.3	7.5 x 7.5	14	7/8 S	1/2 S	84	Call
AVA2512ZXG	12500	3	460/3/60	4.6	7.5 x 7.5	14	7/8 S	1/2 S	83	Call

EXTENDED MEDIUM, R404A



The MPZ is the most advanced line of refrigeration compressors we have ever developed. Drawing on our vast experience at the forefront of compressor technology, the MPZ range has been designed todeliver an unmatched energy efficiency ratio, combined with space saving design, enhanced functionalities, low noise and extreme reliability.

The fi ve models in the MPZ range cover cooling needs at evaporating temperatures from -30°C to +10°C and have each been tested thousands of hours under the toughest conditions. No matter which MPZ you choose, you will experience one of Danfoss' main values at its very best: quality you can trust.

- Vertical connections and optimised shape enable easy integration.
- Efficient sound dampening with gas pulsation muffler and low emission shell design.
- Low energy consumption leads high COP of 2.1 at EN 12900 MBP.

Danfoss

Part No.	Capacity (BTUH)		HP	Voltage	RLA (Amps)	Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
	20/120	-10/120						Suction	Discharge		
MPZ038A1LB2A	12562	4766	3	208-230/1/60	8.7	7.5 x 7.5	14	3/4	1/2	56	Call
MPZ038A3LB2A	12156	4698	3	208-230/3/60	6.29	7.5 x 7.5	13.7	3/4	1/2	56	Call
MPZ038A4LB2A	12156	4698	3	460/3/60	2.9	7.5 x 7.5	13.7	3/4	1/2	56	Call
MPZ048A1LB2A	16306	6749	4	208-230/1/60	11.77	7.5 x 7.5	14	3/4	1/2	56	Call
MPZ048A3LB2A	15898	6717	4	208-230/3/60	7.68	7.5 x 7.5	13.7	3/4	1/2	56	Call
MPZ048A4LB2A	15898	6717	4	460/3/60	3.71	7.5 x 7.5	13.7	3/4	1/2	56	Call
MPZ054A1LB2A	18166	7723	4.5	208-230/1/60	12.9	7.5 x 7.5	14	3/4	1/2	56	Call
MPZ054A3LB2A	18075	7298	4.5	208-230/3/60	8.79	7.5 x 7.5	13.7	3/4	1/2	56	Call
MPZ054A4LB2A	18075	7298	4.5	460/3/60	4.17	7.5 x 7.5	13.7	3/4	1/2	56	Call
MPZ061A1LB2A	21004	8748	5	208-230/1/60	16.1	7.5 x 7.5	14	3/4	1/2	57	Call
MPZ061A3LB2A	20500	8939	5	208-230/3/60	10.7	7.5 x 7.5	13.7	3/4	1/2	57	Call
MPZ061A4LB2A	20213	8569	5	460/3/60	5.08	7.5 x 7.5	13.7	3/4	1/2	57	Call
MPZ068A1LB2A	23481	9897	5.5	208-230/1/60	18.05	7.5 x 7.5	14	3/4	1/2	57	Call
MPZ068A3LB2A	22974	10090	5.5	208-230/3/60	12.31	7.5 x 7.5	13.7	3/4	1/2	57	Call
MPZ068A4LB2A	22974	10090	5.5	460/3/60	5.67	7.5 x 7.5	13.7	3/4	1/2	57	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

LOW, POE OIL, R404A



Approved for R404A/R507. Rotolock connections; sweat spuds provided.
- **Run capacitor** required, not provided.

Application range for R404A applications
at 100°F condensing -5°F to -45°F
at 140°F condensing -5°F to -30°F
- Capacity rated R404A, -20°F SST, 120°F condensing

Maneurop Inc.

Part No.	HP	Capacity (BTUH)	Voltage	RLA (Amps)	Run (µf x Voltage)	Connection (In.)		Height (In.)	Ship Wgt. (Lbs.)	Price
						Suction	Discharge			
NTZ048A1LR1A	2	4156	208-230/1/60	6.95	25 x 440	1-1/4 RL - 5/8	1RL - 1/2	13.12	46	Call
NTZ048A3LR1A	2	4101	200-230/3/60	4.57	—	1-1/4 RL - 5/8	1RL - 1/2	13.12	46	Call
NTZ048A4LR1A	2	4101	460/3/60	2.29	—	1-1/4 RL - 5/8	1RL - 1/2	13.12	46	Call
NTZ068A1LR1A	2-1/2	6039	208-230/1/60	9.16	50 x 440	1-1/4 RL - 5/8	1RL - 1/2	13.12	51	Call
NTZ068A3LR1A	2-1/2	6993	200-230/3/60	7.35	—	1-1/4 RL - 5/8	1RL - 1/2	13.12	51	Call
NTZ068A4LR1A	2-1/2	6993	460/3/60	3.88	—	1-1/4 RL - 5/8	1RL - 1/2	13.12	51	Call
NTZ108A1LR1A	4	10121	208-230/1/60	16.7	45 x 440	1-3/4 RL - 7/8	1-1/4RL - 3/4	16.27	77	Call
NTZ108A3LR1A	4	9875	200-230/3/60	9.57	—	1-3/4 RL - 7/8	1-1/4RL - 3/4	16.27	77	Call
NTZ108A4LR1A	4	9875	460/3/60	5.18	—	1-3/4 RL - 7/8	1-1/4RL - 3/4	16.27	77	Call
NTZ136A1LR1A	4-1/2	12930	208-230/1/60	21.38	45 x 440	1-3/4 RL - 1-1/8	1-1/4RL - 3/4	16.27	77	Call
NTZ136A3LR1A	4-1/2	12930	200-230/3/60	13.05	—	1-3/4 RL - 1-1/8	1-1/4RL - 3/4	16.27	77	Call
NTZ136A4LR1A	4-1/2	12930	460/3/60	6.62	—	1-3/4 RL - 1-1/8	1-1/4RL - 3/4	16.27	77	Call
NTZ215A3LR1A	7-1/2	19388	200-230/3/60	19.67	—	1-3/4 RL - 1-1/8	1-1/4RL - 3/4	20.4	137	Call
NTZ215A4LR1A	7-1/2	19388	460/3/60	8.97	—	1-3/4 RL - 1-1/8	1-1/4RL - 3/4	20.4	137	Call
NTZ271A3LR1A	9	27602	200-230/3/60	24.01	—	1-3/4 RL - 1-1/8	1-1/4RL - 3/4	20.4	141	Call
NTZ271A4LR1A	9	27602	460/3/60	11.59	—	1-3/4 RL - 1-1/8	1-1/4RL - 3/4	20.4	141	Call

FF SERIES

embraco

Part No.	Capacity (BTUH)			Temp Range (°F)	Refrig.	Voltage	RLA (Amps)	Connection (In.)		Ship Wgt. (Lbs.)	Price
	-10°F	+10°F	+45°F					Suction	Discharge		
FF6HBK1	570	1099	1235	-31 to+59	R134a	115/1/60	2.12	5/16	1/4	23.9	Call
FF7.5BKW1	735	1231	—	-31 to+23	R12	115/1/60	2.53	5/16	1/4	23.9	Call
FF7.5HBK	695	1274	—	-31 to+23	R134a	115/1/60	2.30	5/16	1/4	23.9	125.00
FF8.5BKW1	850	1416	—	-31 to+23	R12	115/1/60	3.14	5/16	1/4	23.4	Call
FF8.5HBK1	740	1365	—	-31 to+23	R134a	115/1/60	2.88	5/16	1/4	23.4	Call
FF10BK	915	1538	3240	-31 to+59	R12	115/1/60	3.25	TBD	1/4	23.8	199.98
FF10BKW1	915	1538	3240	-31 to+59	R12	115/1/60	3.25	5/16	1/4	23.9	Call
FF10BX1	915	1538	3240	-31 to+59	R12	115/1/60	3.25	5/16	1/4	23.9	Call
FF10HBK1	840	1559	3530	-31 to+59	R134a	115/1/60	3.61	5/16	1/4	23.9	265.02
FF10HBK	840	1559	3530	-31 to+59	R134a	115/1/60	3.61	TBD	1/4	23.9	Call
FF10HBX1	840	1559	3530	-31 to+59	R134a	115/1/60	5.25	5/16	1/4	23.9	Call
FF11.5BKW1	1130	1918	—	-31 to+23	R12	115/1/60	4.26	5/16	1/4	24.3	Call
FFI10HBK1SV	985	1794	3530	-31 to+59	R134a	115/1/60	2.93	TBD	1/4	23.9	Call
FFI12BKW1	1350	2356	—	-31 to+23	R12	115/1/60	6.49	5/16	1/4	23.9	Call
FFI12BX1	1350	2356	—	-31 to+23	R12	115/1/60	6.80	5/16	1/4	25.6	Call
FFI12BX1SV	1350	2356	—	-31 to+23	R12	115/1/60	6.80	TBD	1/4	25.6	Call
FFI12HBX1SV	1250	2383	5300	-31 to+59	R134a	115/1/60	6.80	TBD	1/4	25.6	Call
FFI12HBX	1250	2383	5300	-31 to+59	R134a	115/1/60	6.80	TBD	1/4	25.6	304.26
FFI12HBX6	1250	2383	5300	-31 to+59	R134a	220/1/60	2.72	5/16	1/4	25.6	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

J SERIES

embraco

Part No.	Capacity (BTUH)	HP	Application	Refrig.	Voltage	RLA (Amps)	Mount (In.)	Height (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
									Suction	Discharge		
J2152A1	2380	1/2+	LT	R12	115/1/60	—	—	—	—	—	48.5	Call
J2152A1RV	2380	1/2+	LT	R12	115/1/60	—	—	—	—	—	48.5	Call
J2152Z1	2396	1/2+	LT	R134a	115/1/60	7	8.0 x 4.8	10.4	3/8	1/4	44.1	Call
J2152Z1RV	2396	1/2+	LT	R134a	115/1/60	7	8.0 x 4.8	10.4	—	1/4	44.1	Call
J2192GK1	4502	1-1/4	LT	R404A	115/1/60	9.8	8.0 x 4.8	10.9	1/2	3/8	48.1	Call
J2192GK2	4502	1-1/4	LT	R404A	208-230/1/60	4.91	8.0 x 4.8	10.9	1/2	3/8	48.1	Call
J2192GK2RV	4502	1-1/4	LT	R404A	208-230/1/60	4.91	8.0 x 4.8	10.9	—	3/8	48.1	Call
J2212GK1	5911	1-1/2	LT	R404A	115/1/60	10.8	8.0 x 4.8	10.9	1/2	3/8	47.3	Call
J2212GK2RV	5911	1-1/2	LT	R404A	208-230/1/60	5.43	8.0 x 4.8	10.9	—	3/8	48	Call
J6220A1RV	9600	3/4	HT	R12	115/1/60	—	—	—	—	—	47.5	Call
J6220A2RV	9600	3/4	HT	R12	208-230/1/60	—	—	—	—	—	47.5	Call
J6220Z1	10169	3/4+	HT	R134a	115/1/60	13.35	8.0 x 4.8	10.4	3/8	1/4	44.6	Call
J6220Z1RV	10169	3/4+	HT	R134a	115/1/60	13.35	8.0 x 4.8	10.4	—	1/4	44.6	Call
J6220Z2	10169	3/4+	HT	R134a	208-230/1/60	7.41	8.0 x 4.8	10.4	3/8	1/4	44.6	Call
J6220Z2RV	10169	3/4+	HT	R134a	208-230/1/60	7.41	8.0 x 4.8	10.4	—	1/4	44.6	Call
J6220ZX5	10169	3/4+	HT	R134a	460/3/60	1.65	8.0 x 4.8	10.4	3/8	1/4	43.5	Call
J6226A2RV	12000	1	HT	R12	208-230/1/60	—	—	—	—	—	51	Call
J6226Z2RV	11882	1	HT	R134a	208-230/1/60	7.34	8.0 x 4.8	10	3/8	1/4	43.9	Call
J7225E	9821	3/4	AC	R22	230/1/60	5.4	8.0 x 4.8	10	3/8	1/4	42.1	376.44
J7225F2	11520	1	AC	R22	208-230/1/60	7.04	8.0 x 4.8	10	3/8	1/4	42.8	Call
J7231E2	14372	1+	AC	R22	230/1/60	8	8.0 x 4.8	10.4	1/2	3/8	45	Call
J7238E2	17676	1-1/2	AC	R22	208-230/1/60	10.94	8.0 x 4.8	10.4	1/2	3/8	45	Call
J7238P5	17676	1-1/2	AC	R22	460/3/60	3.55	8.0 x 4.8	10.9	1/2	3/8	46	Call
J7240E2	19316	1-3/4	AC	R22	230/1/60	12.8	8.0 x 4.8	10.9	1/2	3/8	47	Call
J9226GK2	5758	1+	MT	R404A	208-230/1/60	8.4	8.0 x 4.8	10.4	1/2	3/8	45	Call
J9226GS5	5959	1+	MT	R404A	460/3/60	2.4	8.0 x 4.8	10.4	1/2	3/8	42.1	Call
J9232GK2	7042	1-1/4	MT	R404A	208-230/1/60	9.7	8.0 x 4.8	10.9	1/2	3/8	47.7	Call
J9232GS5	7042	1-1/4	MT	R404A	460/3/60	3	8.0 x 4.8	10.9	1/2	3/8	45.1	Call

NB SERIES

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Part No.	Capacity (BTUH)			Temp Range (°F)	Refrig.	Voltage	RLA (Amps)	Connection (In.)		Ship Wgt. (Lbs.)	Price
	-10°F	+10°F	+45°F					Suction	Discharge		
NB1112Z1	518	—	—	—	R134a	115/1/60	2	5/16	1/4	20.9	Call
NB2116Z1	691	—	—	—	R134a	115/1/60	2.9	5/16	1/4	21.6	Call
NB2117GK1	703	1268	—	-30 to +10	R404A	115/1/60	3.3	5/16	1/4	23.4	Call
NB2121GK1	1093	1826	—	-30 to +10	R404A	115/1/60	4.63	5/16	1/4	24.3	Call
NB5132Z1	—	583	1729	+5 to +50	R134a	115/1/60	3.01	5/16	1/4	20.8	Call
NB5144A1	—	—	1940	—	R12	115/1/60	TBD	TBD	TBD	21.5	Call
NB5144Z1	—	968	2112	+5 to +50	R134a	115/1/60	3.76	5/16	1/4	22.1	Call
NB6132Z1	—	765	1773	+5 to +50	R134a	115/1/60	2.93	5/16	1/4	22.1	Call
NB6144Z1	—	968	2112	+5 to +50	R134a	115/1/60	3.76	5/16	1/4	21.6	Call
NB6152E1	—	1191	2612	+5 to +50	R22	115/1/60	4.9	5/16	1/4	23.1	Call
NB6152GK1	—	1318	2781	0 to +50	R404A	115/1/60	5.3	5/16	1/4	22.7	Call
NB6165GK1	—	1557	3276	0 to +50	R404A	115/1/60	7.1	5/16	1/4	22.9	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

NE SERIES

embraco

Part No.	Capacity (BTUH)			Temp Range (°F)	Refrig.	Voltage	RLA (Amps)	Connection (In.)		Ship Wgt. (Lbs.)	Price
	-10°F	+10°F	+45°F					Suction	Discharge		
NE2121Z1	950	1699	—	-20 to +20	R134a	115/1/60	3.27	5/16	1/4	24.1	Call
NE2125GK1	1246	—	—	—	R404A	115/1/60	5.35	5/16	1/4	22.9	Call
NE2130Z1	1252	2194	—	-20 to +20	R134a	115/1/60	2.68	5/16	1/4	24.1	Call
NE2134Z1	1450	2439	—	-20 to +20	R134a	115/1/60	5.3	5/16	1/4	24.3	Call
NE3130A1	1300	—	—	—	R12	115/1/60	—	—	—	25.6	Call
NE5160A1	—	—	2800	—	R12	115/1/60	—	—	—	25.6	Call
NE5160Z1	—	986	2857	+5 to +50	R134a	115/1/60	4.04	5/16	1/4	22.8	Call
NE5170A1	—	—	3100	—	R12	115/1/60	—	—	—	22.7	Call
NE5170Z1	—	1250	3278	+5 to +50	R134a	115/1/60	4.7	5/16	1/4	22.8	Call
NE5187A1	—	—	4200	—	R12	115/1/60	—	—	—	22.7	Call
NE5187Z1	—	1719	4371	+5 to +50	R134a	115/1/60	7.06	5/16	1/4	22.9	Call
NE5195E1	—	—	4196	—	R22	115/1/60	—	—	—	23.8	Call
NE6160Z1	—	986	2857	+5 to +50	R134a	115/1/60	4.04	5/16	1/4	22.8	Call
NE6170Z1	—	1188	3222	+5 to +50	R134a	115/1/60	4.78	1/4	1/4	22.8	Call
NE6170A1SV	—	—	3100	—	R12	115/1/60	—	—	1/4	23.8	Call
NE6170A1	—	—	3100	—	R12	115/1/60	—	5/16 S	1/4 S	22.8	Call
NE6181GK1	—	1810	4252	0 to +50	R404A	115/1/60	—	5/16	1/4	22.6	Call
NE6187A1SV	—	—	4200	—	R12	115/1/60	—	—	—	30	Call
NE6187A1	—	—	4200	—	R12	115/1/60	—	5/16 S	1/4 S	22.9	Call
NE6187Z1	—	1719	4361	+5 to +50	R134a	115/1/60	7.06	5/16	1/4	22.9	Call
NE6187Z1SV	—	1719	4361	+5 to +50	R134a	115/1/60	7.06	—	1/4	22.9	Call
NE6187Z2	—	1719	4361	+5 to +50	R134a	208-230/1/60	2.96	5/16	1/4	22.9	Call
NE6195E1	—	—	4378	—	R22	115/1/60	6.46	—	—	22.7	530.16
NE6195GK1	—	—	4600	—	R404A	115/1/60	—	—	—	24.1	Call
NE6210E1SV	—	—	4640	—	R22	115/1/60	7.22	—	—	22.8	Call
NE6210E1	—	—	4640	—	R22	115/1/60	N/A	5/16 S	1/4 S	22.8	Call
NE6210GK1	—	2211	4918	0 to +50	R404A	115/1/60	8	5/16	1/4	22.9	Call
NE6210GK2	—	2203	5017	0 to +50	R404A	208-230/1/60	4.3	5/16	1/4	22.9	Call
NE6210Z1	—	2045	4031	+5 to +50	R134a	115/1/60	7.58	5/16	1/4	24.4	Call
NE6210Z1SV	—	2045	4031	+5 to +50	R134a	115/1/60	7.58	—	1/4	24.4	Call
NE7213E1	—	—	6351	+35 to +60	R22	115/1/60	7.8	—	—	25.7	Call
NE9213E1	—	2912	6543	-5 to +50	R22	115/1/60	8.31	5/16	1/4	24.9	Call
NE9213E1SV	—	2912	6587	0 to +50	R22	115/1/60	—	—	—	30	Call
NE9213GK1	—	3124	6897	0 to +50	R404A	115/1/60	9.1	5/16	1/4	25.6	Call
NE9213GK1SV	—	3124	6897	0 to +50	R404A	115/1/60	9.1	5/16	1/4	25.6	Call
NE9213GK2	—	3124		0 to +50	R404A	208-230/1/60	4.7	5/16	1/4	25.6	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

NE(K) SERIES



Replacements for Trenton fractional condensing units and other compressors with similar operating properties

embraco

High Temp

Part No.	HP	Capacity (BTUH) +45°F	Voltage	Refrigerant	Quad Mount (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
NE6170A1	1/4	3100	115/1/60	R12	6.4 x 4.0	5/16 S	1/4 S	22.8	Call
NE6187A1	1/3	4200	115/1/60	R12	6.4 x 4.0	5/16 S	1/4 S	22.9	Call
NE6210E1	1/3+	4640	115/1/60	R22	6.4 x 4.0	5/16 S	1/4 S	22.8	Call
NEK6160Z1	1/4	2884	115/1/60	R134a	6.4 x 4.0	5/16 S	1/4 S	22.9	Call
NEK6170Z1	1/4+	3324	115/1/60	R134a	6.4 x 4.0	5/16 S	1/4 S	22.9	Call
NEK6187Z1	1/3+	3830	115/1/60	R134a	6.4 x 4.0	5/16 S	1/4 S	24.2	Call
NEK6165GK1	1/3	3924	115/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	22.9	Call
NEK6181GK1	1/3	4255	115/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	22.9	Call
NEK6210GK1	1/2	5501	115/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	24.3	Call
NEK6210Z1	1/3+	4529	115/1/60	R134a	6.5 x 4.0	5/16 S	1/4 S	24.3	Call
NEK6213GK1	1/2+	7054	115/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	25.6	Call

Low Temp

Part No.	HP	Capacity (BTUH) -10°F	Voltage	Refrigerant	Quad Mount (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
NEK2117GK1	1/4	979	115/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	22.9	Call
NEK2121GK1	1/3	1212	115/1/60	R404A	6.5 x 4.0	3/8 S	1/4 S	22.9	Call
NEK2134GK1	1/2	1948	115/1/60	R404A	6.4 x 4.0	5/16 S	1/4 S	24.2	Call
NEK2150GK1	1/2+	2362	115/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	25.6	Call

NJ SERIES

embraco

Part No.	Capacity (BTUH)			Temp Range (°F)	Refrig.	Voltage	RLA (Amps)	Connection (In.)		Ship (Lbs.)	Price
	-10°F	+10°F	+45°F					Suction	Discharge		
NJ2192GK2	4491	6890	—	-30 to +10	R404A	208-230/1/60	4.9	1/2	1/4	53.3	Call
NJ2212GK1	5897	9074	—	-30 to +10	R404A	115/1/60	10.8	1/2	1/4	53.3	740.00
NJ2212GK2	5897	9074	—	-30 to +10	R404A	208-230/1/60	5.4	1/2	1/4	53.3	729.76

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

T SERIES

Replacements for Trenton fractional condensing units and other compressors with similar operating properties

embraco

Part No.	Capacity (BTUH)			Temp Range (°F)	Refrig.	Voltage	RLA (Amps)	Connection (In.)		Ship Wgt. (Lbs.)	Price
	-10°F	+10°F	+45°F					Suction	Discharge		
T2134Z1	1580	2959	—	-20 to + 20	R134a	115/1/60	5.7	—	—	30.2	Call
T2140GK1	1844	4090	—	-40 to + 14	R404A	115/1/60	7.5	—	—	30.9	Call
T2155GK1	2330	—	—	-30 to +10	R404A	115/1/60	7.8	3/8	1/4	36.2	Call
T2155GK2	2330	4200	—	-30 to +10	R404A	208-230/1/60	3.5	3/8	1/4	37.3	Call
T2168GK1	3008	5000	—	-30 to +10	R404A	115/1/60	9.1	3/8	1/4	37.5	Call
T2168GK2	3008	5000	—	-30 to +10	R404A	208-230/1/60	3.2	3/8	1/4	37.5	Call
T2178GK1	3644	—	—	-30 to +10	R404A	115/1/60	7.74	3/8	1/4	38	Call
T2178GK2	3644	5900	—	-30 to +10	R404A	208-230/1/60	2.8	3/8	1/4	38	Call
T2180GK1	3872	6376	—	-30 to +10	R404A	115/1/60	9.7	3/8	1/4	37.5	575.00
T6213A1	—	—	5500	+ 5 to + 50	R12	115/1/60	—	—	—	31	Call
T6213A1SV	—	—	5500	+ 5 to + 50	R12	115/1/60	—	—	—	31	Call
T6213Z1	—	2249	5843	+ 5 to + 50	R134a	115/1/60	9.33	5/16	1/4	30.1	Call
T6213Z1SV	—	2249	5843	+ 5 to + 50	R134a	115/1/60	9.33	—	—	30.1	Call
T6213Z2	—	2249	5843	+ 5 to + 50	R134a	208-230/1/60	4.7	5/16	1/4	30.1	Call
T6215A1SV	—	—	6000	+ 5 to + 50	R12	115/1/60	—	—	—	32.4	Call
T6215A1	—	—	6000	+ 5 to + 50	R12	115/1/60	—	3/8	1/4	32.2	Call
T6215Z1	—	2686	7080	+ 5 to + 50	R134a	115/1/60	—	3/8	1/4	32.2	Call
T6217GK1	—	3440	7921	0 to + 50	R404A	115/1/60	13	3/8	1/4	37.3	Call
T6217GK1SV	—	3440	7921	0 to + 50	R404A	115/1/60	13	—	1/4	37.3	Call
T6217GK2	—	3440	7921	0 to + 50	R404A	208-230/1/60	6.9	3/8	1/4	37.5	Call
T6217GK2SV	—	3440	7921	0 to + 50	R404A	208-230/1/60	6.9	—	1/4	37.5	Call
T6217Z1	—	2767	7621	+ 5 to + 50	R134a	115/1/60	11.18	3/8	1/4	36	Call
T6217Z1SV	—	2767	7621	+ 5 to + 50	R134a	115/1/60	11.18	3/8	1/4	36	Call
T6217Z2	—	2767	7621	+ 5 to + 50	R134a	208-230/1/60	6.2	3/8	1/4	37.5	Call
T6217E1	—	—	7546	+ 5 to + 50	R22	115/1/60	—	3/8	1/4	37.5	Call
T6220E1	—	2300	9047	+ 5 to + 50	R22	115/1/60	11.3	—	—	37.2	Call
T6220E2	—	2300	9047	+ 5 to + 50	R22	208-230/1/60	5.64	—	—	34.1	Call
T6220GK1SV	—	4209	9583	0 to + 50	R404A	115/1/60	15.2	3/8	1/4	35.3	Call
T6220GK2	—	4209	9583	0 to + 50	R404A	208-230/1/60	6.5	3/8	1/4	36.6	Call
T6222GK1	—	5192	11248	0 to + 50	R404A	115/1/60	15.9	3/8	1/4	37.5	Call
T6222GK2	—	5192	11248	0 to + 50	R404A	208-230/1/60	8.1	3/8	1/4	37.5	Call
T7220G1	—	—	9640	+ 35 to + 60	R22	115/1/60	—	—	—	36	Call
T7223G1	—	—	10692	+ 35 to + 60	R22	115/1/60	11.32	3/8	3/8	33.2	Call
T7223G2	—	—	10692	+ 35 to + 60	R22	208-230/1/60	6.12	3/8	3/8	33.2	656.52
T7223G4	—	—	10692	+ 35 to + 60	R22	265/1/60	—	3/8	3/8	33.2	Call

FRACTIONAL



Danfoss fractional HP compressors provide superior performance and efficient operation under extreme conditions. They provide lasting performance thanks to minimum energy consumption and provide quiet operation. Danfoss offers a wide range of fractional horsepower refrigeration compressors for a variety of temperatures, refrigerants and voltage applications.

- Capacities 0.03 to 1.3 HP
- High efficiency series for refrigerators and freezers
- Light commercial line for bottle coolers and vending machines, etc.
- Models for cooling electronic and scientific equipment
- DC units for portable coolers, trucks, boats, etc.
- Refrigerants: R134a, R404A
- 115V & 230V AC and 12 & 24 Volt DC applications
- Internal or external overload protection

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

R134a

Part No.	Alternate Number	HP	Temperature Range (°F)	Voltage	Mount (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
101G9202LS	PL50F	1/12	-13 to 32	115/1/60	2.76 x 6.12	1/4	1/4	9.5	Call
102G3206LS	TL2.5F	1/12	-13 to 23	115/1/60	4.00 x 6.50	1/4	1/4	14.7	Call
102G3257LS	TL2.5G	1/10	-13 to 59	115/1/60	4.00 x 6.50	1/4	1/4	14.7	Call
102G3304LS	TF3.5F	1/10	-31 to 14	115/1/60	4.00 x 6.50	1/4	1/4	16.5	Call
102G3307LS	TL3F	1/10	-13 to 23	115/1/60	4.00 x 6.50	3/8	1/4	14.7	Call
102G3402LS	TL4F	1/8	-31 to 20	115/1/60	4.00 x 6.50	1/4	1/4	14.7	Call
102G3431LS	TFS4F	1/8	-31 to 14	115/1/60	4.00 x 6.50	1/4	1/4	16.5	Call
102G3432HS	TFS4.5FT	1/6	-31 to 45	115/1/60	4.00 x 6.50	1/4	1/4	14.9	Call
102G3433LS	TFS4.5FTK	1/6	-31 to 14	115/1/60	4.00 x 6.50	1/4	1/4	14.9	Call
102G3462LS	TL4G	1/6	-13 to 59	115/1/60	4.00 x 6.50	1/4	1/4	14.9	Call
102G3547LS	TTY5F	1/5	-31 to 14	115/1/60	4.00 x 6.50	1/4	1/4	17.6	Call
102G3647LS	TTY6F	1/5	-31 to 14	115/1/60	4.00 x 6.50	1/4	1/4	17.6	Call
102G4250HS	TL2.5G	1/8	-31 to 59	208-230/1/60	4.00 x 6.50	1/4	1/4	15	Call
102G4352HS	TL3G	1/8	-13 to 59	208-230/1/60	4.00 x 6.50	1/4	1/4	15	Call
102G4455HS	TL4GH	1/6	5 to 59	208-230/1/60	4.00 x 6.50	1/4	1/4	16.5	Call
102G4458HS	TL4G	1/6	-13 to 59	208-230/1/60	4.00 x 6.50	1/4	1/4	16.5	Call
102G4550HS	TL5G	1/5	-22 to 23	208-230/1/60	4.00 x 6.50	1/4	1/4	16.5	Call
103G5680LS	FF6GK	1/5	-22 to 50	115/1/60	5.00 x 6.50	5/16	1/4	23.3	Call
103G5780LS	FF7.5GK	1/4	-22 to 50	115/1/60	5.00 x 6.50	5/16	1/4	23.3	Call
103G5880HS	FF8.5GX	1/4	-22 to 50	115/1/60	5.00 x 6.50	5/16	1/4	23.3	Call
103G5980HS	FF10GK	1/3	-22 to 50	115/1/60	5.00 x 6.50	5/16	1/4	23.3	Call
103G6680HS	FR7.5G	1/5	-13 to 50	208-230/1/60	4.00 x 6.50	1/4	1/4	23.3	Call
103G6683HS	FR7GH	1/5	5 to 59	208-230/1/60	4.00 x 6.50	1/4	1/4	23.3	Call
103G6780HS	FR8.5G	1/4	-4 to 50	208-230/1/60	4.00 x 6.50	5/16	1/4	23.3	Call
103G6880HS	FR10G	1/3	-13 to 50	208-230/1/60	4.00 x 6.50	1/4	1/4	23.3	Call
103G6980HS	FR11G	1/3	-22 to 41	208-230/1/60	4.00 x 6.50	1/4	1/4	23.3	Call
104G8000HS	SC10G	1/3	5 to 59	208-230/1/60	4.00 x 6.50	5/16	1/4	23.3	Call
104G8041HS	SC10GH	3/8	5 to 59	208-230/1/60	4.00 x 6.50	3/8	1/4	23.3	Call
104G7250HS	SC12G	3/8	-31 to 50	115/1/60	4.00 x 6.50	5/16	1/4	27.7	Call
104G8240HS	SC12G	3/8	5 to 59	208-230/1/60	4.00 x 6.50	1/4	1/4	27.7	Call
104G8261HS	SC12GH	1/2	5 to 59	208-230/1/60	4.00 x 6.50	3/8	1/4	27.7	Call
104G7550HS	SC15G	1/2	-31 to 50	115/1/60	4.00 x 6.50	5/16	1/4	27.7	Call
104G8520HS	SC15G	1/2	5 to 59	208-230/1/60	4.00 x 6.50	5/16	1/4	28.9	Call
104G8561HS	SC15GH	1/2	5 to 59	208-230/1/60	4.00 x 6.50	3/8	1/4	29.8	Call
104G7800HS	SC18G	1/2	-13 to 59	115/1/60	4.00 x 6.50	3/8	1/4	30.2	Call
104G8820HS	SC18G	1/2	5 to 59	208-230/1/60	4.00 x 6.50	3/8	1/4	30.2	Call
104G8861HS	SC18GH	3/4	5 to 59	208-230/1/60	4.00 x 6.50	3/8	1/4	30.2	Call
104G8143HS	SC21G	3/4	5 to 59	208-230/1/60	4.00 x 6.50	3/8	1/4	30.2	Call
105G5620LS	NTY5.5FK	1/5	-31 to 14	115/1/60	4.00 x 6.50	5/16	1/4	23.8	Call
105G5623HS	NF5.5FX	1/5	-31 to 45	115/1/60	4.00 x 6.50	5/16	1/4	22	Call
105G5628LS	NF6FK	1/5	-31 to 45	115/1/60	4.00 x 6.50	5/16	1/4	23	Call
105G5720LS	NTY7FK	1/4	-31 to 14	115/1/60	4.00 x 6.50	5/16	1/4	23.8	Call
105G5723HS	NF7FX	1/4	-31 to 45	115/1/60	4.00 x 6.50	5/16	1/4	22	Call
105G5728LS	NF7FK	1/4	-31 to 45	115/1/60	4.00 x 6.50	5/16	1/4	23	Call
105G5920HS	NF9FX	1/4	-20 to 45	115/1/60	4.00 x 6.50	5/16	1/4	22	Call
105G5921LS	NTY9FK	1/4	-31 to 14	115/1/60	4.00 x 6.50	5/16	1/4	23.8	Call
105G5929LS	NF9.5FK	1/3	-31 to 45	115/1/60	4.00 x 6.50	5/16	1/4	23	Call
105G5941HS	NF10FX	1/3	-20 to 45	115/1/60	4.00 x 6.50	5/16	1/4	22	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

R12

Part No.	Alternate Number	HP	Application Range	Voltage	Mount (In.)	Ship Wgt. (Lbs.)	Price
102U2013LS	TL3A	1/10	low	115/1/60	4.00 x 6.50	17	Call
102U2014LS	TL4A	1/8	low	115/1/60	4.00 x 6.50	17	Call
102U2052LS	TF4B	1/6	high	115/1/60	4.00 x 6.50	17	Call
102U2079LS	TFS4A	1/8	low	115/1/60	4.00 x 6.50	17	Call
102U2095LS	TFS5A	1/6	low	115/1/60	4.00 x 6.50	17	Call
102U2096LS	TFS3AT	1/10	low	115/1/60	4.00 x 6.50	17	Call
102U2097LS	TFS4AT	1/8	low	115/1/60	4.00 x 6.50	17	Call
102U2098LS	TFS4.5AT	1/6	low	115/1/60	4.00 x 6.50	17	Call
102U2104LS	TL2A	1/12	low	115/1/60	4.00 x 6.50	18	187.58
103U1655LS	FF6BK	1/5	high	115/1/60	5.00 x 6.50	25	Call
103U1704HS	FR7.5A	1/5	low	115/1/60	5.00 x 6.50	25	Call
103U1705LS	FFS7A	1/5	low	115/1/60	5.00 x 6.50	25	Call
103U1754HS	FR7.5B	1/4	high	115/1/60	5.00 x 6.50	25	Call
103U1804HS	FR8.5A	1/4	low	115/1/60	5.00 x 6.50	25	Call
103U1804LS	FR8.5A	1/4	low	115/1/60	5.00 x 6.50	25	Call
103U1815LS	FFS8A	1/4	low	115/1/60	5.00 x 6.50	25	Call
103U1855LS	FR8.5BK	1/4	high	115/1/60	5.00 x 6.50	25	Call
103U1856HS	FR8.5BX	1/4	high	115/1/60	5.00 x 6.50	25	Call
103U1915LS	FS9A	1/4	low	115/1/60	5.00 x 6.50	25	Call
103U1955LS	FF10BK	1/3	high	115/1/60	5.00 x 6.50	25	Call
103U1956HS	FF10BX	1/3	high	115/1/60	5.00 x 6.50	25	Call
104L1500HS	SC10B	1/3	high	115/1/60	4.00 x 6.50	28	Call
104L1500LS	SC10B	1/3	high	115/1/60	4.00 x 6.50	28	Call
104L1620HS	SC12A	1/3	low	115/1/60	4.00 x 6.50	28	Call
104L1620LS	SC12A	1/3	low	115/1/60	4.00 x 6.50	28	Call
104L1630HS	SC12B	3/8	high	115/1/60	4.00 x 6.50	28	Call
104L1810HS	SC15A	3/8	low	115/1/60	4.00 x 6.50	28	Call
105F1640HS	NF6AK	1/4	low	115/1/60	4.00 x 6.50	23	Call
105F1640LS	NF6AK	1/4	low	115/1/60	4.00 x 6.50	23	Call
105F1704HS	NF7AK	1/4	low	115/1/60	4.00 x 6.50	23	Call
105F1704LS	NF7AK	1/4	low	115/1/60	4.00 x 6.50	23	Call
105F1940HS	NF9AK	1/4	low	115/1/60	4.00 x 6.50	23	Call
105F1940LS	NF9AK	1/4	low	115/1/60	4.00 x 6.50	23	Call
105F1941HS	NF9.5AK	1/3	low	115/1/60	4.00 x 6.50	23	Call
105F1941LS	NF9.5AK	1/3	low	115/1/60	4.00 x 6.50	23	Call
105F3640HS	NF6AK	1/4	medium	115/1/60	4.00 x 6.50	23	Call
105F3640LS	NF6AK	1/4	medium	115/1/60	4.00 x 6.50	23	Call
105F3704HS	NF7AK	1/4	medium	115/1/60	4.00 x 6.50	23	Call
105F3740LS	NF7AK	1/4	medium	115/1/60	4.00 x 6.50	23	Call
105F3941HS	NF9AK	1/3	medium	115/1/60	4.00 x 6.50	23	Call
105F3941LS	NF9AK	1/3	medium	115/1/60	4.00 x 6.50	23	Call
105F3942HS	NF9.5AK	1/3	medium	115/1/60	4.00 x 6.50	23	Call
105F3942LS	NF9.5AK	1/3	medium	115/1/60	4.00 x 6.50	23	Call

REFRIGERATION COMPRESSORS

HERMETIC RECIPROCATING COMPRESSOR

R404A

Danfoss

Part No.	Alternate Number	HP	Temperature Range (°F)	Voltage	Mount (In.)	Connection (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
102U2102HS	TF4CLX	1/5	-49 to 45	208-230/1/60	4.00 x 6.50	1/4	1/4	17.9	Call
102U2103HS	TFS4.5CLX	1/4	-49 to 20	208-230/1/60	4.00 x 6.50	1/4	1/4	17.9	Call
104L1503HS	SC10CLX	1/2	-40 to 45	115/1/60	4.00 x 6.50	5/16	1/4	27.7	Call
104L2533HS	SC10CLX	1/2	-31 to 23	208-230/1/60	4.00 x 6.50	5/16	1/4	28.9	Call
104L2695HS	SC12CLX	1/2	-40 to 14	208-230/1/60	4.00 x 6.50	5/16	1/4	30.2	Call
104L1603HS	SC12CL(LBP)	1/2	-40 to 10	115/1/60	4.00 x 6.50	5/16	1/4	27.7	Call
104L1606HS	SC12MLX	1/2	-10 to 45	115/1/60	4.00 x 6.50	5/16	1/4	30.2	Call
104L1696HS	SC12CLX.2	1/2	-49 to 14	115/1/60	4.00 x 6.50	5/16	1/4	27.7	Call
104L2854HS	SC15CLX	5/8	-40 to 14	208-230/1/60	4.00 x 6.50	3/8	1/4	30.2	Call
104L1853HS	SC15CLX.2	3/4	-40 to 20	115/1/60	4.00 x 6.50	3/8	1/4	30.2	Call
105F1622HS	NF5.5CLX	1/3	-49 to 45	115/1/60	4.00 x 6.50	5/16	1/4	22.2	Call
105F1722HS	NF7CLX	1/3	-49 to 45	115/1/60	4.00 x 6.50	5/16	1/4	22.2	Call

SEMI-HERMETIC COMPRESSOR

HA SERIES



- Smallest body compressor: 1/3 to 1/2 HP
- Charged with Polyol Ester oil
- Valves and electrical components sold separately

COPELAND

Part No.	HP	Voltage	RLA (Amps)	Typical Valve Selection (In.)	Mount (In.)	Dimensions (In.)			Ship Wgt. (Lbs.)	Price
						L	W	H		
HAFB003EIAA	1/3	115/1/60	5.4	3/8 x 1/4	8-3/16 x 6-3/8	12-3/8	8-15/16	11-1/5	72	Call
HAJB003EIAA	1/3	115/1/60	4.7	3/8 x 1/4	8-3/16 x 6-3/8	12-3/8	8-15/16	11-1/5	72	Call
HAGA-005E-TAC-800	1/2	208-230/3/60	2.4	1/2 x 3/8	8-3/16 x 6-3/8	12-3/8	8-15/16	11-1/5	72	4280.00
HAGB005ECAV	1/2	208-230/1/60	4.0	1/2 x 3/8	8-3/16 x 6-3/8	12-3/8	8-15/16	11-1/5	72	Call
HAJA-005E-TAC-800	1/2	208-230/3/60	2.2	1/2 x 3/8	8-3/16 x 6-3/8	12-3/8	8-15/16	11-1/5	72	4214.00
HAJB-005E-CAV-800	1/2	208-230/1/60	3.7	1/2 x 3/8	8-3/16 x 6-3/8	12-3/8	8-15/16	11-1/5	72	3943.00
HATB-005E-CAA-800	1/2	115/1/60	10.4	1/2 x 3/8	8-3/16 x 6-3/8	12-3/8	8-15/16	11-1/5	72	3892.00

REFRIGERATION COMPRESSORS

SEMI-HERMETIC COMPRESSOR

KA SERIES



Extra cooling capacity in a small body compressor.
Found in the majority of semi-hermetic unitary installations.

- Range: 1/2 to 2 HP
- Typical dimensions: 14 3/8" L x 9 1/2" W x 11 1/5" H
- Air Cooled
- Valves and electrical components sold separately
- Typical valve selection: 1/2" x 3/8": 1/2 HP, 5/8" x 3/8": 3/4 HP, 5/8" x 1/2": 1 HP 7/8" x 1/2": 1 1/2, 2 HP
- Mounting dimensions 8 3/16" L x 6 3/8" W
- Oil charge: AB, POE

COPELAND

				Electrical Components (Ordered Separately)				
Part No.	Voltage	RLA (Amps)	Oil Charge	Start Cap (µf x Volt)	Run Cap (µf x Volt)	Relay	Ship Wgt. (Lbs.)	Price
KAEB-005A-IAA-800	115/1/60	7.8	AB	400-480 x 115	—	940000148	83	1502.00
KAEB-005A-CAV-800	208-230/1/60	3.4	AB	108-130 x 330	10 x 370	940000149	83	1630.00
KAEA-005A-TAC-800	208-230/3/60	1.9	AB	—	—	—	83	1680.00
KAG2005AIAA	115/1/60	7.8	AB	400-480 x 115	—	940000148	83	Call
KAGB-005A-CAV-800	208-230/1/60	4.1	AB	108-130 x 330	10 x 370	940000149	83	1630.00
KAGB-005E-IAA-800	115/1/60	7.8	POE	400-480 x 115	—	940000148	83	1514.00
KAMB-005A-IAA-800	115/1/60	7.2	AB	400-480 x 115	—	940000148	83	1535.00
KAMB-005A-CAV-800	208-230/1/60	3.7	AB	108-130 x 330	10 x 370	940000149	83	3056.00
KAMA-005A-TAC-800	208-230/3/60	1.7	AB	—	—	—	83	2816.00
KANB-005E-IAA-800	115/1/60	8.0	POE	400-480 x 115	—	940000148	83	1503.00
KANB-005E-CAV-800	208-230/1/60	3.6	POE	108-130 x 330	10 x 370	940000149	83	1602.00
KANA-006E-TAC-800	208-230/3/60	2.2	POE	—	—	—	91	1603.00
KAA2-007A-IAA-800	115/1/60	10.2	AB	540-648 x 110	—	940000148	91	2820.00
KAA1007ATAC	208-230/3/60	2.6	AB	—	—	—	91	Call
KAAB-007A-IAA-800	115/1/60	10.2	AB	540-648 x 110	—	940000148	91	1748.00
KAAB-007A-CAV-800	208-230/1/60	5.8	AB	145-174 x 220	10 x 370	940000149	91	1726.00
KAAB-007E-CAA-800	115/1/60	10.2	POE	540-648 x 110	25 x 440	940000148	91	1748.00
KAAB-007E-CAV-800	208-230/1/60	5.8	POE	145-174 x 220	10 x 370	940000149	91	1753.00
KAEB-007E-CAA-800	115/1/60	10.9	POE	540-648 x 110	30 x 370	940000175	96	1752.00
KAEB-007E-CAV-800	208-230/1/60	5.4	POE	145-174 x 220	10 x 370	940000149	96	1752.00
KAEA-007E-TAC-800	208-230/3/60	3.4	POE	—	—	—	96	1807.00
KAGB-007A-IAA-800	115/1/60	9.5	AB	540-648 x 110	—	940000148	91	1619.00
KAGB-007A-CAV-800	208-230/1/60	5.4	AB	145-174 x 220	10 x 370	940000149	91	1692.00
KAGA-007A-TAC-800	208-230/3/60	2.8	AB	—	—	—	91	1746.00
KAJB-007A-CAV-800	208-230/1/60	5.1	AB	145-174 x 220	10 x 370	940000149	91	1759.00
KAJA-007A-TAC-800	208-230/3/60	2.8	AB	—	—	—	91	1746.00
KAJB-007E-IAA-800	115/1/60	9.1	POE	540-648 x 110	—	940000148	91	1587.00
KAMA-007A-TAC-800	208-230/3/60	3.2	AB	—	—	—	91	1746.00
KAMB-007E-IAA-800	115/1/60	10.1	POE	540-648 x 110	—	940000148	91	1587.00
KAMB-007E-CAA-800	115/1/60	10.9	POE	430-516 x 110	40 x 370	940000162	91	1945.00
KAMB-007E-CAV-800	208-230/1/60	5.6	POE	145-174 x 220	10 x 370	940000149	91	1730.00
KAMA-007E-TAC-800	208-230/3/60	3.2	POE	—	—	—	91	1763.00
KAN2007ACAA	115/1/60	11.7	AB	540-648 x 110	30 x 370	940000175	91	Call
KANB-007E-CAV-800	208-230/1/60	5.4	POE	145-174 x 220	10 x 370	940000149	91	1771.00
KANA-007E-TAC-800	208-230/3/60	3.0	POE	—	—	—	91	1807.00
KAGA010ATAC	208-230/3/60	4.3	AB	—	—	—	91	Call
KAGB-010E-CAV-800	208-230/1/60	7.5	POE	145-174 x 220	40 x 440	940000150	91	2304.00
KAGA-010E-TAC-800	208-230/3/60	4.3	POE	—	—	—	91	2096.00
KAJB-010A-CAA-800	115/1/60	12.4	AB	430-516 x 125	40 x 370	940000151	91	2101.00
KAJB-010E-CAV-800	208-230/1/60	6.9	POE	145-174 x 220	20 x 440	940000150	91	2000.00
KAJA-011E-TAC-800	208-230/3/60	4.6	POE	—	—	—	91	1848.00
KAJA-011E-TAD-800	460/3/60	2.1	POE	—	—	—	91	1848.00
KAK2010ACAA	115/1/60	11.4	AB	430-516 x 125	40 x 370	940000151	91	Call
KAKA-010A-TAC-800	208-230/3/60	3.3	AB	—	—	—	91	1725.00
KAKA-010A-TAD-800	460/3/60	2.4	AB	—	—	—	91	1725.00
KAKB-011E-CAV-800	208-230/1/60	7.9	POE	145-174 x 220	40 x 440	940000150	91	1896.00

REFRIGERATION COMPRESSORS

SEMI-HERMETIC COMPRESSOR

KA SERIES

Part No.	Voltage	RLA (Amps)	Oil Charge	Electrical Components (Ordered Separately)			Ship Wgt. (Lbs.)	Price
				Start Cap (µf x Volt)	Run Cap (µf x Volt)	Relay		
KALB010ACAA	115/1/60	10.9	AB	430-516 x 110	40 x 370	940000151	91	Call
KALA-010A-TAC-800	208-230/3/60	3.3	AB	—	—	—	91	1724.00
KALA010ATAD	460/3/60	1.8	AB	—	—	—	91	Call
KALB-010E-CAV-800	208-230/1/60	6.9	POE	145-174 x 220	20 x 440	940000150	91	1995.00
KAMB-010A-CAV-800	208-230/1/60	7.5	AB	145-174 x 220	20 x 440	940000150	91	1996.00
KAMA-010A-TAC-800	208-230/3/60	4.5	AB	—	—	—	91	2079.00
KAM1-010A-TAD-800	460/3/60	2.2	AB	—	—	—	91	1994.00
KARB-010E-CAV-800	208-230/1/60	7.4	POE	145-174 x 220	20 x 440	940000150	91	1980.00
KARA-010E-TAC-800	208-230/3/60	4.3	POE	—	—	—	91	1913.00
KARA-011E-TAD-800	460/3/60	2.0	POE	—	—	—	91	1912.00
KATB-010A-CAA-800	115/1/60	12.4	AB	430-516 x 125	40 x 370	940000151	91	3072.00
KATB-010A-CAV-800	208-230/1/60	7.2	AB	145-174 x 220	20 x 440	940000150	91	213.00
KATA-010A-TAC-800	208-230/3/60	3.9	AB	—	—	—	91	1903.00
KATA010ATAD	460/3/60	2.1	AB	—	—	—	91	Call
KAGB-015A-CAV-800	208-230/1/60	9.6	AB	130-156 x 330	25 x 480	940000161	96	2501.00
KAGA-015A-TAC-800	208-230/3/60	5.5	AB	—	—	—	96	2448.00
KAGA-015A-TAD-800	460/3/60	2.5	AB	—	—	—	96	2448.00
KALB-015A-CAB-800	230/1/60	5.6	AB	108-130 x 330	20 x 440	940000161	96	Call
KALB015ACAH	208/1/60	8.1	AB	108-130 x 330	20 x 440	940000171	96	Call
KALA-015A-TAC-800	208-230/3/60	5.4	AB	—	—	—	96	2289.00
KALA-015A-TAD-800	460/3/60	2.9	AB	—	—	—	96	2289.00
KALB-015E-CAV-800	208-230/1/60	9.9	POE	130-156 x 330	25 x 480	940000161	96	2505.00
KALA-016E-TAC-800	208-230/3/60	6.6	POE	—	—	—	96	2431.00
KALA-016E-TAD-800	460/3/60	3.4	POE	—	—	—	96	2431.00
KATB015ACAB	230/1/60	6.1	AB	108-130 x 330	20 x 440	940000161	96	Call
KATA-015A-TAD-800	460/3/60	2.9	AB	—	—	—	96	2169.00
KATB-015E-CAV-800	208-230/1/60	9.6	POE	130-156 x 330	25 x 480	940000161	96	2516.00
KATA-015E-TAC-800	208-230/3/60	6.0	POE	—	—	—	96	2306.00
KAKB-021E-CAV-800	208-230/1/60	10.6	POE	130-156 x 330	40 x 440	940000161	96	2805.00
KAKA-020E-TAC-800	208-230/3/60	6.8	POE	—	—	—	101	2730.00
KAKA-020A-TAD-800	460/3/60	3.0	AB	—	—	—	101	2575.00

REFRIGERATION COMPRESSORS

SEMI-HERMETIC COMPRESSOR

E SERIES



- Mid-range compressor: 1 1/2 to 3 HP; EA air cooled, ER refrigerant cooled
- Typical dimensions: 16 11/16" L x 12" W x 13 4/5" H
- Mounting dimension: 10 1/16" L x 10 1/2"W
- Valves and electrical components sold separately 940000161 = Mars 67
- Oil charge: AB, POE Typical valve selection: 7/8" x 1/2": 1 1/2, 2 HP, 7/8" x 5/8": 2 HP, 1 1/8" x 5/8": 3 HP

COPELAND

				Electrical Components (Ordered Separately)				
Part No.	Voltage	RLA (Amps)	Oil Charge	Start Cap (µf x Volt)	Run Cap (µf x Volt)	Relay	Ship Wgt. (Lbs.)	Price
EAAB-015A-CAB-800	230/1/60	8.9	AB	108-130 x 330	20 x 440	940000161	168	3456.00
EAAA-015A-TAC-800	208-230/3/60	5.9	AB	—	—	—	168	3680.00
EAB1015ATAC	208-230/3/60	2.5	AB	—	—	—	162	Call
EAC2015ACAB	230/1/60	7.1	AB	108-130 x 330	20 x 440	940000161	162	Call
EAJB-015A-CAH-800	208/1/60	5.9	AB	108-130 x 330	20 x 440	940000171	162	4255.00
EAJB-015A-CAB-800	230/1/60	6.6	AB	108-130 x 330	20 x 440	940000161	162	3498.00
EAJA-015A-TAC-800	208-230/3/60	5.9	AB	—	—	—	162	3611.00
EAV2015ACAB	230/1/60	6.4	AB	108-130 x 330	20 x 440	940000161	162	Call
EAV1015ATAC	208-230/3/60	5.6	AB	—	—	—	162	Call
EABB020ACAB	230/1/60	8.4	AB	130-156 x 330	25 x 440	940000161	168	Call
EABA020ATAC	208-230/3/60	6.8	AB	—	—	—	168	Call
EADA020ATAD	460/3/60	3.1	AB	—	—	—	168	Call
EADB-021E-CAB-800	230/1/60	10.0	POE	130-156 x 330	25 x 440	940000161	168	3963.00
EADA-020E-TAC-800	208-230/3/60	6.8	POE	—	—	—	168	3922.00
EALB020ACAH	208/1/60	12.9	AB	130-156 x 330	25 x 440	940000161	168	Call
EALB-020A-CAB-800	230/1/60	8.7	AB	130-156 x 330	25 x 440	940000161	168	3633.00
EALA-020A-TAC-800	208-230/3/60	7.1	AB	—	—	—	168	3703.00
EAL1020ATAD	460/3/60	3.7	AB	—	—	—	168	Call
EAVB020ACAH	208/1/60	12.4	AB	130-156 x 330	25 x 440	940000161	168	Call
EAVB-021E-CAV-800	208-230/1/60	14.7	POE	189-227 x 330	40 x 440	940000169	168	3804.00
EAVA-021E-TAC-800	208-230/3/60	7.4	POE	—	—	—	168	3823.00
EAVA-021E-TAD-800	460/3/60	3.9	POE	—	—	—	168	4073.00
ERA2-020A-CAB-800	230/1/60	10.4	AB	130-156 x 330	25 x 440	940000161	170	Call
ERA1-0200-TAC-800	208-230/3/60	6.6	MIN	—	—	—	170	3766.00
ERA1-020A-TAD-800	460/3/60	3.5	AB	—	—	—	170	3766.00
ERCA-020A-TAC-800	208-230/3/60	8.8	AB	—	—	—	170	3802.00
ERCA-021E-TAC-800	208-230/3/60	8.8	POE	—	—	—	170	4002.00
ERCA020ETAD	460/3/60	3.5	POE	—	—	—	170	3976.00
ERJ2-020A-CAB-800	230/1/60	10.1	AB	130-156 x 330	25 x 440	940000161	170	3750.00
ERJ1-020A-TAC-800	208-230/3/60	6.3	AB	—	—	—	170	3755.00
ERJ1-020A-TAD-800	460/3/60	3.4	AB	—	—	—	170	4262.00
ERFB-031E-CAB-800	230/1/60	17.0	POE	130-156 x 330	40 x 440	940000169	187	4303.00
ERFA-031E-TAC-800	208-230/3/60	12.4	POE	—	—	—	187	4168.00
ERFA-031E-TAD-800	460/3/60	5.8	POE	—	—	—	187	4168.00

REFRIGERATION COMPRESSORS

SEMI-HERMETIC COMPRESSOR

3 SERIES



- Mid-range compressor: 2 to 3 HP; 3A air cooled, 3R refrigerant cooled
- Typical dimensions: 18" L x 13" W x 13 3/4" H
- Oil charge: AB, POE
- Typical valve selection: 7/8" x 1/2": 2 HP, 1 1/8" x 5/8": 3 Hp
- Mounting dimensions: 11 5/8" L x 11" W

COPELAND

				Electrical Components (Ordered Separately)				
Part No.	Voltage	RLA (Amps)	Oil Charge	Start Cap (µf x Volt)	Run Cap (µf x Volt)	Relay	Ship Wgt. (Lbs.)	Price
3AH2020ACAH	208/1/60	12.4	AB	130-156 x 330	25 x 440	940000161	187	Call
3AH2-020A-CAB-800	230/1/60	9.3	AB	130-156 x 330	25 x 440	940000161	187	4063.00
3AH1-020A-TAC-800	208-230/3/60	6.6	AB	—	—	—	187	4070.00
3AH1020ATAD	460/3/60	3.7	AB	—	—	—	187	Call
3AJB021ACAB	230/1/60	14.4	AB	189-227 x 330	30 x 440	940000169	187	Call
3AJA-021A-TAC-800	208-230/3/60	10.0	AB	—	—	—	187	4137.00
3AB2-031A-CAB-800	230/1/60	14.7	AB	189-227 x 330	30 x 440	940000169	189	4366.00
3AB1031ATAC	208-230/3/60	10.0	AB	—	—	—	189	Call
3ABB-032E-CAB-800	230/1/60	14.7	POE	189-227 x 330	40 x 440	940000169	189	4703.00
3ABA-031E-TAC-800	208-230/3/60	10.0	POE	—	—	—	189	4624.00
3ABA031ETAD	460/3/60	5.1	POE	—	—	—	189	Call
3RA1-031A-TAC-800	208-230/3/60	13.1	AB	—	—	—	187	4291.00
3RA1-031A-TAD-800	460/3/60	6.6	AB	—	—	—	187	4662.00
3RA2-031A-CAB-800	230/1/60	17.8	AB	130-156 x 330	40 x 440	940000169	187	4381.00
3RAA-031E-TAC-800	208-230/3/60	14.2	POE	—	—	—	187	4625.00
3RAA-031E-TAD-800	460/3/60	6.3	POE	—	—	—	187	4978.00
3RK2-031A-CAB-800	230/1/60	18.3	AB	130-156 x 330	40 x 440	940000169	193	4542.00
3RK1-031A-TAC-800	208-230/3/60	11.8	AB	—	—	—	193	4291.00
3RK1-031A-TAD-800	460/3/60	5.2	AB	—	—	—	193	4621.00

REFRIGERATION COMPRESSORS

SEMI-HERMETIC COMPRESSOR

LA SERIES



- Mid range air cooled compressor: 3 HP
- Typical dimensions: 18 5/8" L x 14" W x 15 3/4"H
- Typical valve selection: 1 1/8" x 5/8"
- Mounting dimensions: 11 5/8" L x 11" W
- Oil charge: AB, POE

COPELAND

				Electrical Components (Ordered Separately)				
Part No.	Voltage	RLA (Amps)	Oil Charge	Start Cap (µf x Volt)	Run Cap (µf x Volt)	Relay Copeland (Mars)	Ship Wgt. (Lbs.)	Price
LACA-032E-TAC-800	208-230/3/60	12.8	AB	—	—	—	221	4613.00
LACA-032E-TAC-800	208-230/3/60	12.8	AB	—	—	—	221	4613.00
LACB-032E-CAB-800	230/1/60	15.5	POE	189-227 x 330	60 x 440	940000169	221	4930.00
LACA-032E-TAC-800	208-230/3/60	12.8	POE	—	—	—	221	4613.00
LACA-032E-TAD-800	460/3/60	6.0	POE	—	—	—	221	5043.00
LAHA-031A-TAD-800	460/3/60	6.0	AB	—	—	—	221	4746.00
LAHA-031A-TAC-800	208-230/3/60	12.8	AB	—	—	—	221	4532.88
LAHB-031E-CAB-800	230/1/60	16.6	POE	189-227 x 330	40 x 440	940000169	221	Call
LAHB-032E-CAB-800	230/1/60	16.7	POE	189-227 x 330	60 x 440	940000169	221	5037.00
LAHA-031E-TAC-800	208-230/3/60	10.7	POE	—	—	—	221	4812.00
LAHA-032E-TAC-800	208-230/3/60	12.8	POE	—	—	—	221	4905.00
LAHA-032E-TAD-800	460/3/60	6.0	POE	—	—	—	221	5135.00
LALB-032E-CAB-800	230/1/60	15.0	POE	189-227 x 330	60 x 440	940000169	221	5038.00
LALA-032E-TAC-800	208-230/3/60	12.6	POE	—	—	—	221	4949.00
LALA-032E-TAD-800	460/3/60	6.2	POE	—	—	—	221	5450.00
LAMB-031A-CAB-800	230/1/60	12.7	AB	189-227 x 330	30 x 440	940000169	221	4757.00
LAMA-031A-TAC-800	208-230/3/60	10.0	AB	—	—	—	221	4670.00
LAMA-031A-TAD-800	460/3/60	4.7	AB	—	—	—	221	4949.00

NR SERIES



- Mid range refrigerant cooled compressor: 3 to 5 HP
- Typical dimensions: 21 1/16" L x 13" W x 16 1/4" L
- Typical valve selection: 1 1/8" x 5/8"
- Mounting dimensions: 11 5/8" L x 11" W
- Valves and electrical components sold separately
- Capacity for NRD1 compressors are for 3 HP 3ø models; slightly higher for 4 HP 1ø models

COPELAND

Part No.	Voltage	RLA (Amps)	Oil Charge	Ship Wgt. (Lbs.)	Price
NRD1-040A-CFB-800	230/1/60	27.7	AB	249	4509.00
NRD1-031A-TFC-800	208-230/3/60	16.3	AB	232	7345.00
NRD1-040E-CFB-800	230/1/60	27.7	POE	249	8684.00
NRD1-032E-TFC-800	208-230/3/60	16.3	POE	232	7926.00
NRD1-032E-TFD-800	460/3/60	8.4	POE	232	8528.00
NRN2031ATFC	208-230/3/60	13.0	AB	232	Call
NRN2-031A-TFD-800	460/3/60	6.5	AB	232	6257.00
NRB2-040A-TFC-800	208-230/3/60	21.8	AB	240	7872.81
NRB2-040A-TFD-800	460/3/60	11.3	AB	240	4417.00
NRB2040ETFC	208-230/3/60	21.8	POE	240	8511.00
NRB2-040E-TFD-800	460/3/60	11.3	POE	240	9018.00
NRA2-050A-TFC-800	208-230/3/60	19.2	AB	268	8180.00
NRA2-050A-TFD-800	460/3/60	9.6	AB	268	8180.00
NRM1-050A-TFC-800	208-230/3/60	24.3	AB	249	8344.00
NRM1-050A-TFD-800	460/3/60	12.1	AB	249	8985.00

*Electrical: start 216-269 x 330, run 40 x 440, relay 940000169(67)

REFRIGERATION COMPRESSORS

SEMI-HERMETIC COMPRESSOR

MR SERIES



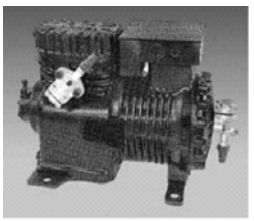
- Mid range refrigerant cooled compressor, 5 to 7 1/2 HP
- Typical dimensions 22 7/16" L x 13"W x 18"H
- Typical valve selection: 1 3/8" x 7/8": 5 HP, 1 3/8" x 1 1/8": 7 1/2 HP
- Oil charge: Alkylbenzene
- Valves and electrical components sold separately

COPELAND

Part No.	Voltage	RLA (Amps)	Ship Wgt. (Lbs.)	Price
MRA2-050A-CFB-800	230/1	27.5	298	5709.00
MRA2-050A-TFC-800	208-230/3/60	22.0	286	5036.00
MRA2-050A-TFD-800	460/3/60	8.6	286	5889.00
MRB1-050A-TFC-800	208-230/3/60	21.2	286	5201.00
MRB1-050A-TFD-800	460/3/60	12.1	286	6089.00
MRF2-050A-CFB-800	230	23.5	298	5709.00
MRF2-050A-TFC-800	208-230/3/60	21.0	286	5362.00
MRF2-050A-TFD-800	460/3/60	8.7	286	5889.00
MRH4-076A-TFC-800	208-230/3/60	30.3	298	6713.00
MRH4-076A-TFD-800	460/3/60	13.5	298	6713.00

* Electrical: start 216-259 x 330, run 60 x 440, relay 940000164(64)

9R SERIES



- Largest 2 cylinder compressor
- Wide capacity range, 5 to 15 HP
- Typical dimensions: 26" L x 15 1/6" W x 18 2/3" H
- Mounting dimensions: 15" L x 12" W
- Oil charge: Alkylbenzene
- Valves and electrical components sold separately
- Typical valve selection:
  1 3/8" x 7/8": 5 HP
  1 3/8" x 1 1/8": 7 1/2, 10, 15 HP

COPELAND

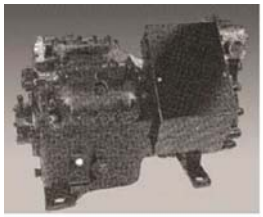
Part No.	Voltage	RLA (Amps)	Unloader	Ship Wgt. (Lbs.)	Price
9RA1-050A-CFB-800	230/1/60	26.9	—	323	6293.00
9RA1-050A-TFC-800	208-230/3/60	16.7	—	323	5874.00
9RB1-050A-TFC-800	208-230/3/60	15.9	—	323	6010.00
9RB1050ATFD	460/3/60	7.9	—	323	Call
9RB1-076A-TFC-800	208-230/3/60	19.6	—	359	6051.00
9RB1-076A-TFD-800	208-230/3/60	29.9	—	332	6704.00
9RC1-076A-TFC-800	460/3/60	15.4	—	332	6598.00
9RC1-076A-TFD-800	208-230/3/60	30.6	—	332	6704.00
9RJ1-076A-TFC-800	460/3/60	15.8	—	332	6598.00
9RJ1-076A-TFD-800	208-230/3/60	29.6	—	332	Call
9RS2-076A-TFC-800	460/3/60	14.7	—	332	6292.00
9RS2-076A-TFD-800	208-230/3/60	29.4	—	348	Call
9RS3-076A-TFC-800	460/3/60	16.5	—	348	6292.00
9RS3-076A-TFD-800	208-230/3/60	29.4	—	348	6854.00
9TK1-050A-TFC-800	460/3/60	16.5	—	348	6391.00
9TL1076ATFC**	208-230/3/60	30.0	—	367	Call
9RC1-101A-TFC-800	208-230/3/60	44.0	—	359	6556.00
9RC1-101A-TFD-800	460/3/60	20.0	—	359	7135.00
9RP2-101A-TFC-800	208-230/3/60	44.0	Capable	359	7525.00
9TH1-101A-TFC-800	208-230/3/60	37.3	—	385	8406.00
9TH1101ATFD**	460/3/60	17.5	—	385	Call
9RS1-150A-TSC-800	208-230/3/60	56.5	—	379	7802.00
9RS1-150A-TFD-800	460/3/60	28.5	—	379	7802.00
9RT1-150A-TFD-800	460/3/60	28.5	Capable	385	7926.00

*Electrical: start 216-259 x 330, run 60 x 440, relay 940000164(64) **Extra low temperature models ***Service replacement—use existing unloader features

REFRIGERATION COMPRESSORS

SEMI-HERMETIC COMPRESSOR

4R SERIES



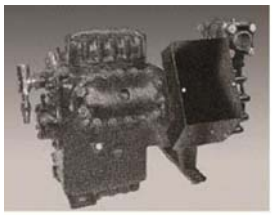
- Large capacity 4 cylinder compressor: 10 to 30 HP
- Typical valve selection: 1 3/8" x 1 1/8": 10, 15 HP
  1 5/8" x 1 1/8": 20 HP
  2 1/8" x 1 1/8": 25 HP
  2 1/8" x 1 3/8": 30 HP
- Mounting dimensions: 15" L x 12" W
- Oil charge: Alkylbenzene
- Rated load amps shown 230 V for dual voltage compressors

COPELAND

Part No.	Voltage	RLA (Amps)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
4RA3-100A-TSK-800	208-230/460/3/60	54.8	24-5/8	18-9/16	18-5/32	400	7359.00
4RH1-150A-TSK-800	208-230/460/3/60	63.0	24-5/8	18-9/16	18-5/32	429	9134.00
4RL1-150A-TSK-800	208-230/460/3/60	62.6	27-1/32	19-11/16	24-9/32	429	9457.00
4RL2-150A-TSK-800	208-230/460/3/60	62.6	27-1/32	19-11/16	24-9/32	429	10177.00
4RE2-200A-TSK-800	208-230/460/3/60	71.4	24-5/8	18-9/16	18-5/32	420	8355.00
4RK2-250A-FSD-800	460/3/60	45.0	25-13/32	18-9/16	19-5/32	449	10241.00
4RK2250ATSK	208-230/460/3/60	88.5	25-13/32	18-9/16	19-5/32	449	9899.00
4RR1300AFSD*	460/3/60	59.0	27-5/32	19-13/16	18-5/32	495	Call
4RR1-300A-TSK-800	208-230/460/3/60	102.0	27-5/32	19-13/16	18-5/32	495	13283.00
4RR2300ATSK*	208-230/460/3/60	102.0	27-5/32	19-13/16	21-11/16	495	Call

* Bank unloading. Use existing unloading components.

6R SERIES



- Large capacity 6 cylinder compressor: 10 to 40 HP
- Typical valve selection:
  1 5/8" x 1 3/8": 10 HP
  2 1/8" x 1 3/8": 20, 30, 40 Hp
- Mounting dimensions: 15" L x 12" W
- Oil charge: Alkylbenzene
- Rated load amps shown 230 V for dual voltage compressors

COPELAND

Part No.	Voltage	RLA (Amps)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
6RA4-100A-TSK-800	208-230/460/3/60	43.6	28-7/16	20-1/8	18-5/32	450	11113.00
6RA4-200A-TSK-800	208-230/460/3/60	67.3	29-13/32	20-1/8	19-5/32	450	10809.00
6RH1-200A-TSK-800	208-230/460/3/60	72.0	29-13/32	20-1/8	19-5/32	451	11763.00
6RL1-250A-TSK-800	208-230/460/3/60	96.9	29-13/32	20-17/32	26	482	11937.00
6RN2-300A-TSK-800	208-230/460/3/60	105.0	29-13/32	20-1/8	19-5/32	502	13811.00
6RT1-300A-TSK-800	208-230/460/3/60	111.0	29-13/32	26-13/32	27.69	525	14789.00
6RP2-350A-FSD-800	460/3/60	67.5	30-5/32	20-1/2	19-5/32	529	17250.00
6RP2-350A-TSK-800	208-230/460/3/60	135.0	30-5/32	20-1/2	19-5/32	529	14583.00
6RS2400AFSD	460/3/60	64.3	30-5/32	21-5/8	21-5/32	566	Call
6RS2-400A-FSU-800	200/3/60	170.0	30-5/32	21-5/8	21-5/32	566	17056.00
6RS2-400A-TSN-800	230/460/3/60	142.0	30-5/32	21-5/8	21-5/32	566	16.58

* Bank unloading. Use existing unloading components.

REFRIGERATION COMPRESSORS

DISCUS COMPRESSOR

2D SERIES



- Smallest discus technology compressor
- 3 to 7 1/2 HP
- Typical dimensions: 23 1/4" L x 15 7/16" W x 18 1/8" H
- Mounting dimensions: 10 1/6" L x 10 1/2" W
- Typical valve selection: 1 3/8" x 7/8
- Low temperature R22 applications require demand cooling
- Oil charge: MIN, POE

COPELAND

Part No.	Old Number	HP	Voltage	RLA (Amps)	Oil Charge	Ship Wgt. (Lbs.)	Price
2DF3F16KE-CFB-800	2DF3030ECFB	3	230/1/60	25.8	POE	261	7271.00
2DF3F16KE-TFC-800	2DF3030ETFC	3	208-230/3/60	16.8	POE	261	5706.00
2DF3F16KE-TFD-800	2DF3030ETFD	3	460/3/60	8.1	POE	261	5706.00
2DL3F20KE-TFC-800	2DL3040ETFC	4	208-230/3/60	26.3	POE	261	5726.00
2DL3F20KE-TFD-800	2DL3040ETFD	4	460/3/60	10.2	POE	261	5726.00
2DA3R58KOTFC	2DA30500TFC	5	208-230/3/60	22.3	MIN	261	Call
2DA3R58KOTFD	2DA30500TFD	5	460/3/60	10.4	MIN	261	Call
2DB3R61KOTFC	2DB30500TFC	5	208-230/3/60	19.2	MIN	261	Call
2DB3R61KOTFD	2DB30500TFD	5	460/3/60	10.2	MIN	261	Call
2DC3R53KE-TFC-800	2DC3050ETFC	5	208-230/3/60	22.3	POE	261	5799.00
2DC3R53KE-TFD-800	2DC3050ETFD	5	460/3/60	10.4	POE	261	5799.00
2DD3R63KE-TFC-800	2DD3050ETFC	5	208-230/3/60	22.3	POE	261	5910.00
2DD3R63KE-TFD-800	2DD3050ETFD	5	460/3/60	10.5	POE	261	5910.00
2DA3F23KE-TFC-800	2DA3060ETFC	6	208-230/3/60	28.8	POE	261	5980.00
2DA3F23KE-TFD-800	2DA3060ETFD	6	460/3/60	10.2	POE	261	5980.00
2DB3F25KE-TFC-800	2DB3060ETFC	6	208-230/3/60	28.2	POE	261	6492.00
2DB3F25KE-TFD-800	2DB3060ETFD	6	460/3/60	13.3	POE	261	6492.00
2DA3R89KE-TFC-800	2DA3075ETFC	7-1/2	208-230/3/60	32.0	POE	281	6701.00
2DA3R89KE-TFD-800	2DA3075ETFD	7-1/2	460/3/60	14.1	POE	281	6701.00
2DL3R78KE-TFC-800	2DL3075ETFC	7-1/2	208-230/3/60	31.6	POE	281	6548.00
2DL3R78KE-TFD-800	2DL3075ETFD	7-1/2	460/3/60	13.8	POE	281	6548.00

Electrical start 216-259 x 330, run 60 x 440, relay 940000164 (64)

REFRIGERATION COMPRESSORS

DISCUS COMPRESSOR

3D SERIES



- Largest 2 cylinder compressor
- Comparable to 9R models
- Wide range: 5 to 15 Hp
- Typical dimensions: 25 13/16" L x 15 1/6" W x 21" H
- Delta reed valve design
- Mounting dimensions: 11 5/8" L x 11" W
- Oil charge: MIN, POE
- Low temperature R22 applications require demand cooling
- Typical valve selection: 1 3/8" x 7/8" 5 HP, 1 3/8" x 1 1/8" 6, 7 1/2, 9, 10, 12 HP, 1 5/8" x 1 1/8" 15 HP

COPELAND

Part No.	Old Number	HP	Voltage	RLA (Amps)	Oil Charge	Unloading[1]	Ship Wgt. (Lbs.)	Price
3DB3F22KOTFC	3DB3A0500TFC	5	208-230/3/60	18.0	MIN	—	350	Call
3DB3F22KOTFD	3DB3A0500TFD	5	460/3/60	10.1	MIN	—	350	Call
3DA3F28KE-TFC-800	3DA3A060ETFC	6	208-230/3/60	30.3	POE	—	360	6395.00
3DA3F28KE-TFD-800	3DA3A060ETFD	6	460/3/60	13.7	POE	—	360	6395.00
3DH3F28KETFC	3DH3A060ETFC	6	208-230/3/60	30.3	POE	Capable	406	Call
3DH3F28KETFD	3DH3A060ETFD	6	460/3/60	13.7	POE	Capable	360	Call
3DA3R10ME-TFC-800	3DA3A075ETFC	7-1/2	208-230/3/60	41.0	POE	—	360	6572.00
3DA3R10ME-TFD-800	3DA3A075ETFD	7-1/2	460/3/60	20.0	POE	—	360	7103.00
3DE3R10ME-TFC-800	3DE3A075ETFC	7-1/2	208-230/3/60	41.0	POE	Capable	360	8010.00
3DE3R10ME-TFD-800	3DE3A075ETFD	7-1/2	460/3/60	20.0	POE	Capable	360	8541.00
3DEHR10ME-TFC-800	3DEHA075ETFC	7-1/2	208-230/3/60	41.0	POE	Capable	360	8010.00
3DEHR10ME-TFD-800	3DEHA075ETFD	7-1/2	460/3/60	20.0	POE	Capable	360	8541.00
3DB3F33KE-TFC-800	3DB3A075ETFC	7-1/2	208-230/3/60	31.5	POE	—	360	6808.00
3DB3F33KE-TFD-800	3DB3A075ETFD	7-1/2	460/3/60	16.1	POE	—	360	6808.00
3DF3F40KE-TFC-800	3DF3A090ETFC	9	208-230/3/60	39.0	POE	—	360	7957.00
3DF3F40KE-TFD-800	3DF3A090ETFD	9	460/3/60	16.9	POE	—	360	7957.00
3DGHF40KETFC	3DGHA090ETFC	9	208-230/3/60	37.0	POE	Capable	360	Call
3DGHF40KETFD	3DGHA090ETFD	9	460/3/60	16.7	POE	Capable	360	Call
3DG3F40KETFD	3DG3A090ETFD	9	460/3/60	15.6	POE	Capable	360	Call
3DB3R12ME-TFC-800	3DB3A100ETFC	10	208-230/3/60	43.6	POE	—	375	7396.00
3DB3R12ME-TFD-800	3DB3A100ETFD	10	460/3/60	20.0	POE	—	375	8014.00
3DP3R12ME-TFC-800	3DP3A100ETFC	10	208-230/3/60	43.6	POE	Capable	360	8668.00
3DP3R12ME-TFD-800	3DP3A100ETFD	10	460/3/60	20.0	POE	Capable	360	9287.00
3DS3F46KE-TFC-800	3DS3A100ETFC	10	208-230/3/60	42.0	POE	—	360	8725.00
3DS3F46KE-TFD-800	3DS3A100ETFD	10	460/3/60	18.6	POE	—	360	8725.00
3DRHF46KETFC	3DRHA100ETFC	10	208-230/3/60	41.4	POE	Capable	412	Call
3DR3F46KE-TFD-800	3DR3A100ETFD	10	460/3/60	18.6	POE	Capable	412	Call
3DF3R15ME-TFC-800	3DF3A120ETFC	12	208-230/3/60	48.2	POE	—	375	8860.00
3DF3R15ME-TFD-800	3DF3A120ETFD	12	460/3/60	23.6	POE	—	375	8860.00
3DS3R17ME-TFC-800	3DS3A150ETFC	15	208-230/3/60	59.6	POE	—	375	8941.00
3DS3R17ME-TFD-800	3DS3A150ETFD	15	460/3/60	29.0	POE	—	375	8941.00
3DT3R17ME-TFC-800	3DT3A150ETFC	15	208-230/3/60	59.6	POE	Capable	375	10214.00
3DT3R17ME-TFD-800	3DT3A150ETFD	15	460/3/60	29.0	POE	Capable	375	10214.00

[1]Service replacement compressor. Use existing unloading components

REFRIGERATION COMPRESSORS

DISCUS COMPRESSOR

4D SERIES



- 4 cylinder compressor
- Comparable to 4R models
- Range: 10 to 30 HP
- Delta reed valve design
- Mounting dimensions: 11 5/8" L x 11" W
- Oil charge: MIN = Mineral
  POE = Polyol Ester
- Rated load amps shown 230 V for dual voltage compressors
  Unloading equivalent models:
  All indicated models are functionally equivalent except for their unloading capability
  Models indicated one bank can replace non unloading models
  4DA3R12M[4DA3A100] = 4DN3(1 bank)
  4DH3R16M(4DH3A150] = 4DK3(1 bank)
- Low temperature R22 applications require demand cooling
- Typical valve selection:
  1 5/8" x 1 1/8" 10 HP
  1 5/8" x 1 3/8" 15, 20 HP
  2 1/8" x 1 3/8" 25, 30 HP
  4DL3F63K[4DL3A150] = 4DP3(1 bank)
  4DA3R18M[4DA3A200] = 4DE3(1 bank)
  4DJ3R19M[4DJ3A200] = 4DR3(1 bank)
  4DB3R20M[4DB3A220] = 4DC3(1 bank)
  4DT3F76K[4DT3A220] = 4DS3(1 bank)
  4DH3R22M[4DH3A250] = 4DK3(1 bank)
  4DJ3R28M[4DJ3A300] = 4DR3(1 bank)

COPELAND

Part No.	Old Number	HP	Voltage	RLA (Amps)	Oil Charge	Unloading[1]	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
4DA3R12ME-TSK-800	4DA3A100ETSK	10	208-230/460/3/60	42.0	POE	—	25-13/32	20-13/16	18-27/32	420	12307.00
4DE3R12METSK	4DE3A100ETSK	10	208-230/460/3/60	42.0	POE	1 Bank	25-13/32	20-13/16	18-27/32	400	Call
4DA3F47KE-TSK-800	4DA3A101ETSK	10	208-230/460/3/60	45.2	POE	—	25-13/32	20-13/16	18-27/32	420	12502.00
4DH3R16ME-TSK-800	4DH3A150ETSK	15	208-230/460/3/60	58.0	POE	—	27-1/32	20-13/16	19	422	10692.00
4DK3R16ME-TSK-800	4DKA150ETSK	15	208-230/460/3/60	58.0	POE	1 Bank	27-1/32	20-13/16	19	422	11656.00
4DL3F63KE-TSK-800	4DL3A150ETSK	15	208-230/460/3/60	52.6	POE	—	27-1/32	20-13/16	24-1/5	422	12279.00
4DP3F63KE-TSK-800	4DP3A150ETSK	15	208-230/460/3/60	52.6	POE	1 Bank	27-1/32	20-13/16	24-1/5	422	12911.00
4DE3R18ME-TDK-800	4DE3A200ETSK	20	208-230/460/3/60	66.0	POE	1 Bank	25-13/32	20-13/16	19-5/16	425	Call
4DE3R18MO-FSD-800	4DE3A2000FSD	20	460/3/60	33.6	MIN	1 Bank	25-13/32	20-13/16	19-5/16	425	Call
4DJ3R19METSK	4DJ3A200ETSK	20	208-230/460/3/60	66.0	POE	—	25-13/32	20-13/16	19-5/16	425	Call
4DR3R19METSK	4DR3A200ETSK	20	208-230/460/3/60	66.0	POE	1 Bank	25-13/32	20-13/16	19-3/16	425	Call
4DC3R20MO-TSK-800	4DC3A2200TSK	22	208-230/460/3/60	65.6	MIN	—	25-13/32	20-13/16	19-3/16	435	11731.00
4DT3F76KE-TSK-800	4DT3A220ETSK	22	208-230/460/3/60	66.0	POE	—	27-5/16	20-1/2	24-1/5	436	14376.00
4DS3F76KE-TSK-800	4DS3A220ETSK	22	208-230/460/3/60	66.0	POE	1 Bank	27-5/16	20-1/2	24-1/5	425	15031.00
4DK3R22METSK	4DK3A250ETSK	25	208-230/460/3/60	82.2	POE	1 Bank	26-9/32	20-1/2	20	445	Call
4DK3R22MO-FSD-800	4DK3A2500FSD	25	460/3/60	40.6	MIN	1 Bank	26-9/32	20-1/2	20	445	Call
4DR3R28ME-TSK-800	4DR3A300ETSK	30	208-230/460/3/60	94.0	POE	1 Bank	27-1/32	20-1/2	19-3/16	450	14349.00
4DR3R28M0-FSD-800	4DR3A3000FSD	30	460/3/60	45.0	MIN	1 Bank	27-1/32	20-1/2	19-3/16	450	12842.00

[1]Service replacement compressor. Use existing unloading components

REFRIGERATION COMPRESSORS

DISCUS COMPRESSOR

6D SERIES



- 6 cylinder compressor
- Comparable to 6R models
- Range: 20 to 40 HP
- Delta reed valve design
- Mounting dimensions: 11 5/8" L x 11" W
- Low temperature R22 applications require demand cooling

Unloading equivalent models:
All models on a single line are functionally equivalent except for their unloading capability
Models in the two bank column can replace 1 bank or non unloading models
Models in the one bank column can replace non unloading models OR 2 bank models (requires cylinder head switch)
6DH3R23M[6DH3A200] = 6DK3AR23M(1 bank) = 6DP3R23M(2 bank)

- Oil charge: MIN = Mineral
  POE = Polyolester
- Typical valve selection:
  2 1/8" x 1 3/8" 20, 27 HP
  2 1/8" x 1 5/8" 30, 40 HP
- Rated load amps shown 230 V for dual voltage compressors

6DL3F93K[6DL3A270] = 6DC3(1 bank) = 6DD3(2 bank)
6DT3F11M[6DT3A300] = 6DE3(1 bank) = 6DF3(2 bank)
6DJ3R28M[6DJ3A300] = 6DR3R28M(1 bank) = 6DS3R28M(2 bank)
6DB3R32M[6DB3A300] = 6DW3(1 bank) = 6DY3(2 bank)
6DH3R35M[6DH3A350] = 6DK3R35M(1 bank) = 6DP3R35M(2 bank)
6DG3R37M[6DG3A350] = 6DM3(1 bank) = 6DN3(2 bank)
6DJ3R40M[6DJ3A400] = 6DR3R40M(1 bank) = 6DS3R40M(2 bank)

COPELAND

Part No.	Old Number	HP	Voltage	RLA (Amps)	Oil Charge	Unloading[1]	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
6DH3R23ME-TSK-800	6DH3A200ETSK	20	208-230/460/3/60	75.0	POE	—	29-7/16	22-7/16	19-5/32	550	14858.00
6DK3R23METSK	6DK3A200ETSK	20	208-230/460/3/60	75.0	POE	1 Bank	29-7/16	22-7/16	19-5/32	550	Call
6DP3R23ME-TSK-800	6DP3A200ETSK	20	208-230/460/3/60	75.0	POE	2 Bank	29-7/16	22-7/16	19-5/32	550	14153.00
6DL3F93KE-TSK-800	6DL3A270ETSK	27	208-230/460/3/60	80.8	POE	—	29-7/16	22-7/16	27-3/16	550	16144.00
6DC3F93KE-TSK-800	6DC3A270ETSK	27	208-230/460/3/60	80.8	POE	1 Bank	29-7/16	22-7/16	27-3/16	550	15058.00
6DD3F93KE-TSK-800	6DD3A270ETSK	27	208-230/460/3/60	80.8	POE	2 Bank	29-7/16	22-7/16	27-3/16	550	14172.00
6DT3F11ME-TSK-800	6DT3A3000TSK	30	208-230/460/3/60	95.6	POE	—	29-7/16	22-7/16	29-3/16	545	17108.83
6DE3F11ME-TSK-800	6DE3A300ETSK	30	208-230/460/3/60	95.6	POE	1 Bank	29-7/16	22-7/16	29-3/16	545	18226.00
6DF3F11METSK	6DF3A300ETSK	30	208-230/460/3/60	95.6	POE	2 Bank	29-7/16	22-7/16	29-3/16	545	Call
6DR3R28METSK	6DR3A300ETSK	30	208-230/460/3/60	100.0	POE	1 Bank	31-1/16	22-7/16	21-3/32	550	Call
6DS3R28ME-TSK-800	6DS3A300ETSK	30	208-230/460/3/60	100.0	POE	2 Bank	31-1/16	22-7/16	21-3/32	550	17835.00
6DY3R32M0-TSK-800	6DY3A3000TSK	30	208-230/460/3/60	105.0	MIN	—	29-7/16	22-7/16	21-3/32	545	15598.00
6DN3R37M0-FSD-800	6DN3A3500FSD	35	460/3/60	66.0	MIN	2 Bank	30-3/16	22-7/16	18	520	15127.00
6DN3R37MOTSN	6DN3A3500TSN	35	230/460/3/60	125.0	MIN	2 Bank	30-3/16	22-7/16	18	520	Call
6DP3R35M0-FSD-800	6DP3A3500FSD	35	460/3/60	55.0	MIN	2 Bank	30-3/16	22-7/16	18	520	14334.00
6DP3R35ME-TSK-800	6DP3A350ETSK	35	208-230/460/3/60	107.0	POE	2 Bank	30-3/16	22-7/16	21-1/2	520	16877.00
6DS3R40M0-FSU-800	6DS3A4000FSU	40	200/3/60	150.0	MIN	2 Bank	30-3/16	22-7/16	23-1/2	568	16259.00
6DS3R40METSN	6DS3A400ETSN	40	230/460/3/60	142.0	POE	2 Bank	30-3/16	22-7/16	23-1/2	568	Call

[1]Service replacement compressor. Use existing unloading components.

8D SERIES



- Large capacity compressor: 50 to 60 HP
- Typical dimensions:
  32 13/16" L x 21 13/32" W x 23" H
- Mounting dimensions: 18" L x 12" W
- All models have 2 bank unloading
- Oil charge: mineral

- Typical valve selection:
  2 5/8" x 1 5/8" 50 HP
  3 1/8" x 1 5/8" 60 HP
- Rated load amps shown 230 V for dual voltage compressors

COPELAND

Part No.	Old Number	HP	Voltage	RLA (Amps)	Ship Wgt. (Lbs.)	Price
8DP1R56M0-FSD-800	8DP15000FSD	50	460/3/60	91.0	800	25996.00
8DP1R56M0-TSK-800	8DP15000TSK	50	208-230/460/3/60	180.0	800	25732.00
8DS1R67M0-FSD-800	8DS16000FSD	60	460/3/60	96.5	800	32019.00
8DS1R67M0-TSK-800	8DS16000TSK	60	208-230/460/3/60	224.0	800	31756.00

REFRIGERATION COMPRESSORS

GENUINE CARLYLE



Carlyle 06D/E semi-hermetic compressors are ideally suited for commercial refrigeration, air conditioning, process cooling, and environmental chambers. They are extremely flexible and may be used with many of the new HFC refrigerants such as R-507, R-404A, R-407C and R-134a, in addition to the conventional refrigerants (R-12, R-22, and R-502). The compressors may be operated at 50 or 60 hertz and are UL (Underwriters' Laboratories), CSA (Canadian Standards Association), and ISO 9002 approved. Many of the prominent features of the 06D/E compressors are listed below. 06D and 06E compressors comply with the CE Mark requirements and will have the CE Mark logo added to the appropriate compressor nameplates.

Carlyle

06CY SERIES

Part No.	HP	Voltage	Displ. CFH @ 1750 RPM	CYL	Oil Charge (Pints)	RLA	Application	Price
06CY228G103	7.5	460/3/60 XL	28	6	9.5	14.9	Low Temp	Call
06CY337G103	10	460/3/60 XL	37	6	9.5	14.9	Low Temp	Call
06CY550E103	15	208-230/460/3/60	50	6	19	68/32	Low Temp	Call
06CY665E103	20	208-230/460/3/60 XL	68.3	6	19	100/50	Low Temp	Call
06CY675E103	25	208-230/460/3/60 XL	75	6	19	100/50	Low Temp	Call

06D/06E SERIES

Part No.	HP	Voltage	Displ. CFH @ 1750 RPM	CYL	Oil Charge (Pints)	RLA	Application	Price
06DM3136CC367ARP	5	460/3/60	16	4	4.5	8.6	High Temp, Medium Temp	Call
06DM3166CC367ARP	5	460/3/60	16	4	4.5	8.6	High Temp, Medium Temp	Call
06DM3376DC327ARP	10	208-230/3/60	37	6	8	39.7	High Temp, Medium Temp	Call
06DM3376DC367ARP	10	460/3/60	37	6	8	19.9	High Temp, Medium Temp	Call
06DR2286DC327ARP	7.5	208-230/3/60	28	6	8	35.6	High Temp, Medium Temp, Low Temp	Call
06DR2286DC367ARP	7.5	460/3/60	28	6	8	17.8	High Temp, Medium Temp, Low Temp	Call
06DR3166CC327ARP	5	208-230/3/60	16	4	4.5	17.3	High Temp, Medium Temp, Low Temp	Call
06DR3166CC367ARP	5	460/3/60	16	4	4.5	8.6	High Temp, Medium Temp, Low Temp	Call
06DR3376DC327ARP	10	208-230/3/60	37	6	8	39.7	High Temp, Medium Temp, Low Temp	Call
06DR3376DC367ARP	10	208-230/3/60	37	6	8	39.7	High Temp, Medium Temp, Low Temp	Call
06DR7246DC367ARP	6.5	460/3/60	24	6	8	14.1	High Temp, Medium Temp, Low Temp	Call
06DR7256DC367ARP	6.5	460/3/60	25	6	8	14.1	High Temp, Medium Temp, Low Temp	Call
06DR8206DC327ARP	6.5	208-230/3/60	20	4	5.5	28.2	High Temp, Medium Temp, Low Temp	Call
06DR8206DC367ARP	6.5	460/3/60	20	4	5.5	14.1	High Temp, Medium Temp, Low Temp	Call
06DS5376BC365ARP	15	460/3/60	37	6	8	25.6	A/C, High Temp, Medium Temp	Call
06DS8246BC365ARP	7.5	460/3/60	24	6	8	17.8	A/C, High Temp, Medium Temp	Call
06ET25036ARP	20	208-230/460/3/60	50	4	14	87/44	A/C, High Temp, Medium Temp	Call
06ET26536ARP	25	208-230/460/3/60	65	6	19	112/56	A/C, High Temp, Medium Temp	Call
06ET27536ARP	30	208-230/460/3/60	75	6	19	135/68	A/C, High Temp, Medium Temp	Call
06ET29936ARP	40	208-230/460/3/60	99	6	19	189/95	A/C, High Temp, Medium Temp	Call
06EY75034ARP	15	208-230/460/3/60	50	4	14	72/36	High Temp, Medium Temp, Low Temp	Call
06EY76534ARP	20	208-230/460/3/60	65	6	19	87/44	High Temp, Medium Temp, Low Temp	Call
06EY77534ARP	20	208-230/460/3/60	75	6	19	87/44	High Temp, Medium Temp, Low Temp	Call
06EY79934ARP	30	208-230/3/60	99	6	19	135/68	High Temp, Medium Temp, Low Temp	Call
06EZ75037ARP	15	208-230/460/3/60	50	4	14	72/36	High Temp, Medium Temp	Call
06EZ77537ARP	25	208-230/460/3/60	75	6	19	112/56	High Temp, Medium Temp	Call

REFRIGERATION COMPRESSORS

GENUINE CARLYLE



- Automatic unloaded starting, expensive high-torque motors are unnecessary, reducing initial expense.
- High-efficiency motor can further increase efficiency of 5F and 5H compressors.
- Crankcase casting, cylinder head, and valve plate designs allow for a smooth, unrestricted refrigerant flow.
- Refined, two-piece shaft seal assembly virtually eliminates seal leakage for maximum reliability over a wide temperature range.
- Efficient crankcase heater design prevents accumulation of liquid refrigerant in the crankcase during shutdown, dilution of the compressor oil supply.
- As suction pressure changes, capacity control automatically reduces compressor capacity to as low as 35% of full-design load, reducing horsepower requirements as demand changes. Part-load operation increases energy efficiency, reducing utility bills.
- Large-capacity, manually reversible oil pump, automatic pressure regulator, and oil-filtering system provide positive pressure lubrication, extending life.
- Suction gases flow around cylinder sleeve to keep the cylinder cool, reducing cylinder wear.
- Greater operating efficiencies by running an oversized compressor at a reduced RPM.

Carlyle

06T SERIES

Part No.	HP	Voltage	Displ. CFH @ 1750 RPM	RLA	Application	Price
06TAG065B2EA-A00	35	460/3/60	65	89	Medium Temp	Call
06TAH078B2EA-A00	40	460/3/60	78	101	Medium Temp	Call
06TAH078C2EA-A00	40	575/3/60	78	81	Medium Temp	Call
06TAK088B2EA-A00	50	460/3/60	88	114	Medium Temp	Call
06TRE054B2EA-A00	25	460/3/60	54	64	Low Temp	Call
06TRF065B2EA-A00	30	460/3/60	65	76	Low Temp	Call
06TRG078B2EA-A00	35	460/3/60	78	89	Low Temp	Call
06TRH088B2EA-A00	40	460/3/60	88	101	Low Temp	Call

REFRIGERATION COMPRESSORS

CARLYLE SERVICE

Carlyle Service Compressor for A/C, rebuilt by Carlyle.
R-22, R-134A, R-513A, R-404A, R-407A/C/F, R-448A, R-449A, R-450A, R-452A and R-507
• Suction temperature range: R22, 0 to 50°F

6D SERIES

Part No.	HP	Voltage	RLA	Refrigerant	Application	Price
6D3286CCBC0150P	10	575/3/60	22.1	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D3286CCBC0650P	10	460/3/60	22.1	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D3286CCBC1250P	10	208-230/3/60	44.3	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D5376CCBC0150P	15	575/3/60	28.6	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D5376CCBC0650P	15	460/3/60	28.6	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D5376CCBC1250P	15	208-230/3/60	63.6	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D8246CCBC0650P	7.5	460/3/60	19.8	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D8246CCBC1250P	7.5	208-230/3/60	39.6	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6DM8186CCAC0150	6.5	575/3/60	15.7	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6DM8186CCAC0650	6.5	460/3/60	15.7	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6DM8186CCAC1250	6.5	208-230/3/60	31.4	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call

6E SERIES

Part No.	HP	Voltage	RLA	Refrigerant	Application	Price
6E450CC360P	20	208-230/460/3/60	87/44	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E475CC360P	30	208-230/460/3/60	135/68	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E475CC360PR	30	208-230/460/3/60	135/68	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E550CC160P	20	575/3/60	87/44	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E550CC360P	20	208-230/460/3/60	87/44	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E565CC360P	25	208-230/460/3/60	112/56	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E565CC360PR	25	208-230/460/3/60	112/56	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E575CC160P	30	575/3/60	135/68	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E575CC360P	30	208-230/460/3/60	135/68	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E575CC360PR	30	208-230/460/3/60	135/68	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E599CC360P	40	208-230/460/3/60	189/95	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E599CC360PR	40	208-230/460/3/60	189/95	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call





Carlyle® Certified

REFRIGERATION PARTNER





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REFRIGERATION COMPRESSORS

SERVICE VALVES FOR SEMI-HERMETIC COMPRESSORS

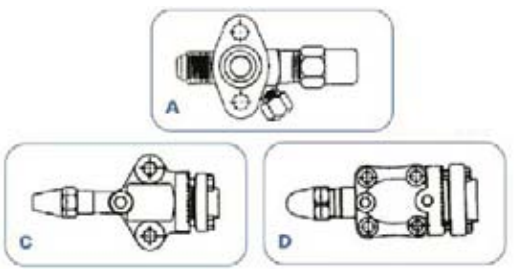
SWEAT



- Kit includes bolts and gaskets

COPELAND

Part No.	Style	Number Bolts	Bolt Centers (In.)	Connection ODS (In.)	Price
998051004	A	2 Bolt	1-5/8	3/8	Call
998-0510-05	A	2 Bolt	1-5/8	1/2	Call
998051006	A	2 Bolt	1-5/8	5/8	85.65
998051014	A	2 Bolt	1-5/8	3/4	Call
998051012	A	2 Bolt	1-5/8	7/8	Call
998051010	C	2 Bolt	2-3/4	7/8	Call
998051013	A	2 Bolt	1-5/8	1-1/8	Call
998051009	C	2 Bolt	2-3/4	1-1/8	Call
998051011	C	2 Bolt	2-3/4	1-3/8	Call
998-0510-08	D	4 Bolt	2-1/2	1-3/8	438.27
998051007	D	4 Bolt	2-1/2	1-5/8	Call
998051020	D	4 Bolt	3-1/16	2-1/8	Call
998051019	D	4 Bolt	3-7/8	2-5/8	Call
998051018	D	4 Bolt	3-7/8	3-1/8	Call



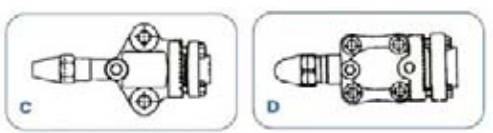
SERVICE VALVE, LARGE



- Kit includes bolts and gaskets

COPELAND

Part No.	Style	Bolt Centers (In.)	Connection ODS (In.)	Price
998051010	C	2-3/4	7/8	Call
998051009	C	2-3/4	1-1/8	Call
998-0510-08	D	2-1/2	1-3/8	438.27
998051007	D	2-1/2	1-5/8	Call
998051011	C	2-3/4	1-3/8	Call
998051020	D	3-1/16	2-1/8	Call
998051019	D	3-7/8	2-5/8	Call
998051018	D	3-7/8	3-1/8	Call



FLARE



- Kit includes bolts and gaskets

COPELAND

Part No.	Style	Bolt Centers (In.)	Connection M Flare (In.)	Comment	Price
998051015	B	1-5/8	3/8	2 Bolt, 2 Service Ports	Call
998051026	A	1-5/8	3/8	2 Bolt	58.09
998051016	B	1-5/8	1/2	2 Bolt, 2 Service Ports	Call
998051024	A	1-5/8	1/2	2 Bolt	62.13
998051017	B	1-5/8	5/8	2 Bolt, 2 Service Ports	Call
998051025	A	1-5/8	5/8	2 Bolt	67.16
998051028	A	1-5/8	5/16	2 Bolt	Call



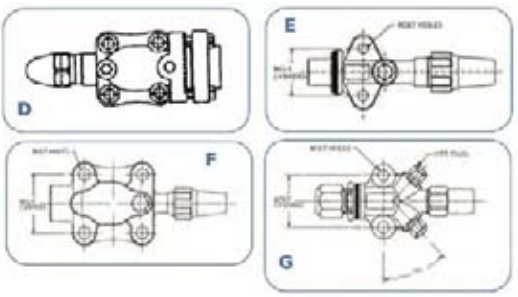
SWEAT



- Kit includes bolts and gaskets

MUELLER INDUSTRIES

Part No.	Style	Number Bolts	Bolt Centers (In.)	Connection ODS (In.)	Price
06DA660060	F	2 Bolt	1-5/8	5/8	71.46
06DA660061	E	2 Bolt	1-5/8	7/8	73.68
06DA660062	E	2 Bolt	1-3/4	7/8	73.22
06DA660064	E	2 Bolt	1-3/4	1-1/8	96.08
06DA660063	G	4 Bolt	2-1/2	1-1/8	147.56
06DA660065	G	4 Bolt	2-1/2	1-3/8	143.98
06EA660090	G	4 Bolt	2-1/2	1-5/8	155.58
06EA660091	D	4 Bolt	3-1/16	2-1/8	372.10



REFRIGERATION COMPRESSORS

ROTOLOCK VALVE

ROTOLOCK X MFL, 90°



- Female rotolock thread

Part No.	Rotolock Size, TPI (In.)	Connection Size (In.)	Price
1RX12FL	1–14	1/2	Call
1RX58FL	1–14	5/8	Call

ROTOLOCK X ODS, 90°



- Female rotolock thread

Part No.	Rotolock Size, TPI (In.)	Connection Size (In.)	Price
1RX12S	1–14	1/2	Call
1RX58S	1–14	5/8	Call
114RX58S	1-1/4–12	5/8	Call
114RX34S	1-1/4–12	3/4	Call
114RX78S	1-1/4–12	7/8	Call
114RX118S	1-1/4–12	1-1/8	Call
134RX118S	1-3/4–12	1-1/8	Call
134RX138S	1-3/4–12	1-3/8	Call
134RX158S	1-3/4–12	1-5/8	Call

ASSORTMENT



- Assortment includes 3-3/4", 4-1", 4-1 1/4" and 2-1 3/4" gaskets

Part No.	Description	Price
ROTOLOCK	Assortment Rotolock Gaskets	Call

ROTOLOCK X ODS



- Female rotolock thread

Part No.	Rotolock Size, TPI (In.)	Connection Size (In.)	Price
114RX78SA	1-1/4–12	7/8	Call
114RX118SA	1-1/4–12	1-1/8	Call
134RX118SA	1-3/4–12	1-1/8	Call
134RX138SA	1-3/4–12	1-3/8	Call

ROTOLOCK VALVE ADAPTER



Adapts compressor with 2 3/4" bolt centers, discus head mounted valve locations for use with 1 3/4" rotolock valves or adapters.

- Includes gasket

Part No.	Bolt Centers (In.)	Price
998003600	2-3/4	61.96

REFRIGERATION COMPRESSORS

OPEN DRIVE COMPRESSOR

BELT DRIVE



Blissfield/Dorin open drive compressors include valves and flywheel and are shipped with a mineral oil charge. Model 41VSM through 80VS have available crankcase heaters and direct drive couplings. Mounting kits are also available to directly replace old "C" series Blissfield compressors. Contact UR for other refrigerant capacities.

Oil Requirements
Models 2Q2-41VSM—Viscosity 32CST at 104°F (CFC, HCFC mineral, HFC polyol ester)
Models 51VS-80VS—Viscosity 46CST at 104°F (CFC, HCFC mineral, HFC polyol ester)

Part No.	HP	RPM Range	No. Cylinders	Displacement In.3/Rev.	Height (In.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
2Q2	1/6	500–1,500	2	1.66	7-1/2	3/8	3/8	25	Call
2Q3	1/6–1/4	500–1,500	2	2.08	7-1/2	3/8	3/8	25	Call
2Q4	1/4–1/3	500–1,500	2	2.63	7-1/2	1/2	1/2	25	Call
2Q5	1/3–1/2	500–1,500	2	3.32	7-1/2	1/2	1/2	25	Call
1HVS	1/2–1	500–1,450	2	4.64	11-13/16	5/8	1/2	38	Call
2GVS	1–3	500–1,450	2	10.34	12-63/64	3/4	5/8	49	Call
3LVS	3–5	500–1,300	2	21.4	14-9/16	1-1/8	3/4	84	Call
41VSM	5–10	600–1,300	2	34.17	15-3/4	1-3/8	1-1/8	181	Call
51VSM	7.5–15	600–1,300	2	57.19	17-23/32	1-5/8	1-3/8	260	Call
62VSC	15–20	750–1,750	4	75.97	20-9/32	2-1/8	1-5/8	340	Call
67VS	15–40	750–1,750	4	87.87	20-9/32	2-1/8	1-3/8	340	Call
80VS	20–60	750–1,750	4	113.8	23-15/64	2-1/8	1-5/8	452	Call

CROSS REFERENCE

HP	Blissfield/Dorin	Blissfield	Frick/Lehigh	Tecumseh	Dunham-Bush	Copeland
1/6	2Q2	—	—	—	—	—
1/6	2Q3	CB	—	1300	—	—
1/4	2Q4	CA	16436	500	S-140	17
1/3	2Q5	CC	16436	1000	S-140	18
1/2	1HVS	CE	16436	2300	R-330	18
3/4–1	1HVS	CG	16055	HGC850	R-330	19
1–1 1/2	2GVS	CG	16791	HGC1000	R-650	81
2	2GVS	CH	16791	VFT	R-2002	81
3	3LVS	CH	16791	VFT	R-2002	83
3+	3LVS	CJ	16799	VFTL	—	—
5–10	41VSM	CJ	16799	VFTL	R-5002	85
7 1/2–15	51VSM	CK	16799	RA	R-5002	85
10–30	62VSC	CM	16799	SA	—	85
15–40	67VS	—	—	—	—	—
20–60	80VS	—	—	—	—	—

CHILLERS

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CHILLERS

PACKAGED AIR COOLED CHILLER

SEMI-HERMETIC COMPRESSOR



Standard Features

- Drake microprocessor controller
- Control transformer
- Refrigerant suction accumulator
- (1-12HP) 316 stainless steel (copper brazed) plate evaporator with 1/2" insulation, and secured in a steel bracket
- (15 to 120HP) shell and tube chiller barrel
- Water flow switch
- Condenser fan and control circuit fusing
- Semi-Hermetic compressor with crankcase heater
- Compressor vibration eliminators & spring isolator kit
- Compressor oil safety control
- Compressor and condenser motor contactors
- Direct drive condenser fan motor
- Fan cycle control (+40°F)
- Rust resistant, high CFM, aluminum condenser fan blade
- Condenser(s): copper tube/aluminum fin
- Condenser clean out ports
- Liquid line drier, sightglass, solenoid, TEV
- Replaceable core liquid line drier (15 to 120 HP)
- Removable/hinged access panels
- Galvanized steel sheet metal cabinet & base frame
- Complete refrigerant charge from factory
- Computerized factory run test under load conditions
- Refrigerant and water lines all have 1/2" insulation

Available Options

- ChillerGuard® internet interface device
- Compressor cylinder unloading 7.5HP & up
- Compressor fusing
- Fused disconnect
- Non fused disconnect
- Flooded condenser with receiver / head pressure control (-20°F)
- Flooded condenser w/ heated receiver and head pressure control (-20°F)
- Factory installed heat tape freeze protection thermostatically controlled
- Special piping for de-ionized and reverse osmosis water systems
- Shell and tube chiller barrel (1 to 12Hp)
- Fused Stainless Steel system process pump
- Dual system process pump with manual or auto changeover
- Water flow meter
- Phase monitor
- Condenser heresite coating (coastal protection)
- Copper finned condenser coil (coastal protection)
- "Gold" finned condenser coil (coastal protection)
- 4 year extended compressor warranty
- Hot gas by-pass capacity control with solenoid valve & time delay relay
- Factory assisted start-up

SEMI-HERMETIC COMPRESSOR, SINGLE CIRCUIT R407C

Part No.	Nominal BTUH	Dimensions (In.) L	W	H	Process Fluid (In.)	Compressor Qty.	HP	Model	RLA Ea.	LRA Ea.	Fan Motor Qty.	FLA Ea.	MCA	Max. Fuse	Wt. Lbs.	Price
PAC100S3-T3-S	128400	85	34	40	1-1/4 FPT	1	10	3DB3R12ME	43.6	215	2	3.3	60	100	1000	Call
PAC100S3-T4-S	128400	85	34	40	1-1/4 FPT	1	10	3DB3R12ME	20.0	106	2	1.6	30	45	1000	Call
PAC120S3-T3-S	145200	85	34	40	1-1/2 FPT	1	12	3DF3R15ME	48.2	275	2	3.3	70	110	1200	Call
PAC120S3-T4-S	145200	85	34	40	1-1/2 FPT	1	12	3DF3R15ME	23.6	138	2	1.6	30	50	1200	Call
PAC150S3-T3-S	148800	145	44	54.5	2-MPT	1	15	3DS3R17ME	59.6	275	2	2.3	80	125	1600	Call
PAC150S3-T4-S	148800	145	44	54.5	2-MPT	1	15	3DS3R17ME	29.0	138	2	1.2	40	60	1600	Call
PAC200S3-T3-S	171600	145	44	54.5	2 MPT	1	20	4DA3R18ME	66.0	308	2	2.3	90	150	1700	Call
PAC200S3-T4-S	171600	145	44	54.5	2 MPT	1	20	4DA3R18ME	33.0	154	2	1.2	45	80	1700	Call

PACKAGED AIR COOLED CHILLER

SEMI-HERMETIC COMPRESSOR, SINGLE CIRCUIT R407C (Cont)

Part No.	Nominal BTUH	Dimensions (In.)			Process Fluid (In.)	Compressor			RLA Ea.	LRA Ea.	Fan Motor		MCA	Max. Fuse	Wt. Lbs.	Price
		L	W	H		Qty.	HP	Model			Qty.	FLA Ea.				
PAC220S3-T3-S	195600	145	44	54.5	2 MPT	1	22	4DB3R20ME	65.6	374	2	2.3	90	150	1700	Call
PAC220S3-T4-S	195600	145	44	54.5	2 MPT	1	22	4DB3R20ME	32.8	187	2	1.2	45	70	1700	Call
PAC250S3-T3-S	223200	183	44	54.5	2 MPT	1	25	4DH3R22ME	82.2	428	3	2.3	110	175	1900	Call
PAC250S3-T4-S	223200	183	44	54.5	2 MPT	1	25	4DH3R22ME	41.1	214	3	1.2	60	90	1900	Call
PAC301S3-T3-S	309600	183	44	54.5	2-1/2 MPT	1	30	6DB3R32ME	105.0	565	3	2.3	150	225	2050	Call
PAC301S3-T4-S	309600	183	44	54.5	2-1/2 MPT	1	30	6DB3R32ME	52.5	283	3	1.2	70	110	2050	Call
PAC351S3-T3-S	321600	143	44	54.5	2-1/2 MPT	1	35	6B4709PH	125.0	550	4	2.3	175	250	2400	Call
PAC351S3-T4-S	321600	143	44	54.5	2-1/2 MPT	1	35	6B4709PH	62.5	275	4	1.2	80	125	2400	Call
PAC400S3-T3-S	352000	143	84	54.5	2-1/2 MPT	1	40	6B5406PH	142.0	700	4	2.3	225	350	2900	Call
PAC400S3-T4-S	352000	143	84	54.5	2-1/2 MPT	1	40	6B5406PH	71.0	350	4	1.2	110	175	2900	Call
PAC500S3-T3-S	441600	183	84	54.5	3-MPT	1	50	6B6462PH	180.0	950	6	2.3	200	350	3100	Call
PAC500S3-T4-S	441600	183	84	54.5	3-MPT	1	50	6B6462PH	90.0	425	6	1.2	100	175	3100	Call
PAC600S3-T3-S	540000	183	84	54.5	3 MPT	1	60	8DS3R67ME	224.0	1070	6	2.3	300	500	4900	Call
PAC600S3-T4-S	540000	183	84	54.5	3 MPT	1	60	8DS3R67ME	112.0	535	6	1.2	150	250	4900	Call
PAC700S3-T3-S	650400	183	84	54.5	3 MPT	1	70	8C9400PH	224.0	1288	8	2.3	350	500	5200	Call
PAC700S3-T4-S	650400	183	84	54.5	3 MPT	1	70	8C9400PH	112.0	590	8	1.2	175	250	5200	Call

SEMI-HERMETIC COMPRESSOR, DUAL CIRCUIT R407C

Part No.	Nominal BTUH	Dimensions (In.)			Process Fluid (In.)	Compressor			RLA Ea.	LRA Ea.	Fan Motor		MCA	Max. Fuse	Wt. Lbs.	Price
		L	W	H		Qty.	HP	Model			Qty.	FLA Ea.				
PAC150D3-T3-S	188400	145	44	54.5	2-1/2 MPT	2	7.5	3DA3R10ME	41.0	215	2	2.3	100	125	1800	Call
PAC150D3-T4-S	188400	145	44	54.5	2-1/2 MPT	2	7.5	3DA3R10ME	20.0	106	2	1.2	50	60	1800	Call
PAC200D3-T3-S	222000	145	44	54.5	2-1/2 MPT	2	10	3DB3R12ME	43.6	215	2	2.3	110	125	2100	Call
PAC200D3-T4-S	222000	145	44	54.5	2-1/2 MPT	2	10	3DB3R12ME	20.0	106	2	1.2	50	60	2100	Call
PAC240D3-T3-S	265200	183	44	54.5	2-1/2 MPT	2	12	3DF3R15ME	48.1	275	3	2.3	125	150	2250	Call
PAC240D3-T4-S	265200	183	44	54.5	2-1/2 MPT	2	12	3DF3R15ME	23.6	138	3	1.2	60	80	2250	Call
PAC300D3-T3-S	300000	183	44	54.5	2-1/2 MPT	2	15	3DS3R17ME	59.6	275	3	2.3	150	200	2600	Call
PAC300D3-T4-S	300000	183	44	54.5	2-1/2 MPT	2	15	3DS3R17ME	29.0	138	3	1.2	70	90	2600	Call
PAC400D3-T3-S	339600	143	84	54.5	2-1/2 MPT	2	20	4DA3R18ME	66.6	308	4	2.3	175	225	3100	Call
PAC400D3-T4-S	339600	143	84	54.5	2-1/2 MPT	2	20	4DA3R18ME	33.3	154	4	1.2	80	110	3100	Call
PAC440D3-T3-S	392400	143	84	54.5	3-MPT	2	22	4DB3R20ME	65.6	374	4	2.3	175	200	2900	Call
PAC440D3-T4-S	392400	143	84	54.5	3-MPT	2	22	4DB3R20ME	32.8	187	4	1.2	80	110	2900	Call
PAC500D3-T3-S	446400	183	84	54.5	3 MPT	2	25	4DH3R22ME	82.1	428	6	2.3	200	250	2900	Call
PAC500D3-T4-S	446400	183	84	54.5	3 MPT	2	25	4DH3R22ME	41.1	214	6	1.2	100	125	2900	Call
PAC601D3-T3-S	627600	183	84	54.5	3 MPT	2	30	6DB3R32ME	105.0	565	6	2.3	250	350	5500	Call
PAC601D3-T4-S	627600	183	84	54.5	3 MPT	2	30	6DB3R32ME	52.5	283	6	1.2	150	175	5500	Call
PAC701D3-T3-S	650400	183	84	54.5	4 Flng	2	35	6B4709PH	117.0	550	8	2.3	300	400	5700	Call
PAC701D3-T4-S	650400	183	84	54.5	4 Flng	2	35	6B4709PH	58.6	275	8	1.2	150	200	5700	Call
PAC800D3-T3-S	720000	223	84	56.5	4 Flng	2	40	6B5406PH	157.1	700	8	2.3	400	500	5800	Call
PAC800D3-T4-S	720000	223	84	56.5	4 Flng	2	40	6B5406PH	78.6	350	8	1.2	175	250	5800	Call
PAC1000D3-T3-S	879600	228	89	56.5	4 Flng	2	50	6B6462PH	160.0	950	6	6.6	400	550	6400	Call
PAC1000D3-T4-S	879600	228	89	56.5	4 Flng	2	50	6B6462PH	80.0	425	6	3.1	200	250	6400	Call
PAC1200D3-T3-S	1060000	283	89	56.5	5 Flng	2	60	8DS3R67ME	224.3	1070	8	6.6	600	700	6500	Call
PAC1200D3-T4-S	1060000	283	89	56.5	5 Flng	2	60	8DS3R67ME	112.1	535	8	3.1	300	350	6500	Call
PAC1400D3-T3-S	1295000	338	89	56.5	5 Flng	2	70	8C9400PH	228.6	1288	10	6.6	600	800	8500	Call
PAC1400D3-T4-S	1295000	338	89	56.5	5 Flng	2	70	8C9400PH	114.3	590	10	3.1	300	400	8500	Call

CHILLERS

PACKAGED AIR COOLED CHILLER

SCROLL COMPRESSOR



Standard Features

- ETL listed
- Microprocessor controller
- Stainless steel brazed plate evaporator with 1/2" insulation and secured in a steel bracket
- Shell &tube 180S to 600D models
- Scroll compressor with crankcase heater
- Suction accumulator
- Water flow switch
- Hot gas by-pass capacity control
- 24V control transformer
- Direct drive condenser fan motor
- Rust resistant, high CFM, aluminum condenser fan blade
- Condenser(s): copper tube/aluminum fin
- Compressor motor contactor
- Condenser motor and control circuit fusing
- "Hard start kit" (single phase units only)
- Painted galvanized sheet metal cabinet
- 1/2" insulation on all water and refrigerant lines
- Liquid line drier, sightglass, solenoid, TEV
- Full refrigerant charge from factory

Available Options

- 4 year extended compressor warranty
- 115 volt (rain tight) service outlet
- Fused disconnect
- Phase monitor
- Compressor fusing
- Fan cycle control on PAC90 &120 units only (+40°F)
- Variable fan speed control (+20°F)
- Flooded condenser with receiver/head pressure control (-20°F)
- Heated flooded condenser with receiver/head pressure control (-20°F)
- Evaporator heat tape freeze protection thermostatically controlled
- Fused stainless steel system process pump
- Dual system pump with manual or auto changeover
- Low flow bypass valve
- "Gold" finned condenser coil (coastal protection)
- Shell and tube chiller barrel
- Water flow meter
- Auto city water make up solenoid
- Auto city water changeover panel with 5 micron filter
- Special piping for de-ionized and reverse osmosis water systems
- Blower type condenser fan (forward curve) 12S to 60S

SCROLL COMPRESSOR, SINGLE CIRCUIT R407C

Part No.	BTUH @ 95°F Amb. 45° F Lwt	Dimensions (In.)			Process Fluid (In.)	Compressor		RLA Ea.	LRA Ea.	Fan Motor		MCA	Max. Fuse	Wt. Lbs.	Price
		L	W	H		Qty.	HP			Qty.	FLA Ea.				
PAC12S3-S2-Z	14,400	36	34	40	3/4 FPT	1	1.3	10	42	1	3.3	20	25	250	Call
PAC18S3-S2-Z	20,400	36	34	40	3/4 FPT	1	2.0	15.7	61.0	1	3.3	25	40	250	Call
PAC18S3-T3-Z	20,400	36	34	40	3/4 FPT	1	2.0	8.9	55.0	1	3.3	15	20	250	Call
PAC18S3-T4-Z	20,400	36	34	40	3/4 FPT	1	2.0	4.3	27.0	1	1.6	15	15	250	Call
PAC24S3-S2-Z	24,000	36	34	40	1 FPT	1	2.5	15.7	73.0	1	3.3	25	40	275	Call
PAC24S3-T3-Z	24,000	36	34	40	1 FPT	1	2.5	8.2	63.0	1	3.3	15	20	275	Call
PAC24S3-T4-Z	24,000	36	34	40	1 FPT	1	2.5	4.3	31.0	1	1.6	15	15	275	Call
PAC30S3-S2-Z	32,400	36	34	40	1 FPT	1	3.5	20.7	127.0	1	3.3	30	45	300	Call
PAC30S3-T3-Z	32,400	36	34	40	1 FPT	1	3.5	13.9	88.0	1	3.3	25	30	300	Call
PAC30S3-T4-Z	32,400	36	34	40	1 FPT	1	3.5	7.1	44.0	1	1.6	15	15	300	Call
PAC36S3-S2-Z	39,600	56	34	40	1 FPT	1	4	25.0	132.0	1	3.3	35	50	500	Call
PAC36S3-T3-Z	39,600	56	34	40	1 FPT	1	4	15.0	115.0	1	3.3	25	35	500	Call
PAC36S3-T4-Z	39,600	56	34	40	1 FPT	1	4	7.4	48.0	1	1.6	15	15	500	Call
PAC48S3-S2-Z	52,800	56	34	40	1 FPT	1	5	30.1	175.0	1	3.3	45	70	550	Call
PAC48S3-T3-Z	52,800	56	34	40	1 FPT	1	5	20.7	115.0	1	3.3	30	45	550	Call
PAC48S3-T4-Z	52,800	56	34	40	1 FPT	1	5	8.9	63.0	1	1.6	15	20	550	Call

PACKAGED AIR COOLED CHILLER

SCROLL COMPRESSOR, SINGLE CIRCUIT R407C (Cont)

Part No.	BTUH @ 95°F Amb. 45° F Lwt	Dimensions (In.)			Process Fluid (In.)	Compressor		RLA Ea.	LRA Ea.	Fan Motor		MCA	Max. Fuse	Wt. Lbs.	Price
		L	W	H		Qty.	HP			Qty.	FLA Ea.				
PAC50S3-S2-Z	56,400	56	34	40	1 FPT	1	5	27.9	129.0	1	3.3	40	60	575	Call
PAC60S3-T3-Z	60,000	56	34	40	1 FPT	1	6	20.7	156.0	1	3.3	30	45	600	Call
PAC60S3-T4-Z	60,000	56	34	40	1 FPT	1	6	11.5	70.0	1	1.6	20	25	600	Call
PAC70S3-T3-Z	84,000	85	34	40	1-1/4 FPT	1	8	32.1	195.0	2	3.3	50	70	700	Call
PAC70S3-T4-Z	84,000	85	34	40	1-1/4 FPT	1	8	16.4	95.0	2	1.6	25	40	700	Call
PAC80S3-T3-Z	92,400	85	34	40	1-1/4 FPT	1	9	33.6	225.0	2	3.3	50	80	725	Call
PAC80S3-T4-Z	92,400	85	34	40	1-1/4 FPT	1	9	17.3	114.0	2	1.6	25	40	725	Call
PAC90S3-T3-Z	108,000	85	34	40	1-1/4 FPT	1	10	41.4	238.0	2	3.3	50	90	750	Call
PAC90S3-T4-Z	108,000	85	34	40	1-1/4 FPT	1	10	19.2	125.0	2	1.6	30	45	750	Call
PAC120S3-T3-Z	134,400	85	34	40	1-1/4 FPT	1	12	55.0	300.0	2	3.3	80	125	850	Call
PAC120S3-T4-Z	134,400	85	34	40	1-1/4 FPT	1	12	25.7	150.0	2	1.6	40	60	850	Call
PAC180S3-T3-Z	148,800	143	44	54.0	2-MPT	1	15	60.0	340.0	2	2.3	80	125	1600	Call
PAC180S3-T4-Z	148,800	143	44	54.0	2-MPT	1	15	31.4	173.0	2	2.4	45	70	1600	Call
PAC250S3-T3-Z	210,000	183	44	54.0	2-1/2 MPT	1	20	81.4	505.0	3	2.3	100	175	1700	Call
PAC250S3-T4-Z	210,000	183	44	54.0	2-1/2 MPT	1	20	37.9	225.0	3	3.6	60	80	1700	Call
PAC300S3-T3-Z	253,200	183	44	54.0	2-1/2 MPT	1	25	100.0	500.0	3	2.3	125	225	1800	Call
PAC300S3-T4-Z	253,200	183	44	54.0	2-1/2 MPT	1	25	48.6	250.0	3	3.6	70	110	1800	Call
PAC380S3-T3-Z	295,200	223	44	54.0	2-1/2 MPT	1	30	121.4	599.0	4	2.3	150	250	2000	Call
PAC380S3-T4-Z	295,200	223	44	54.0	2-1/2 MPT	1	30	59.3	310.0	4	4.8	80	125	2000	Call

SCROLL COMPRESSOR, DUAL CIRCUIT R407C

Part No.	BTUH @ 95°F Amb. 45° F Lwt	Dimensions (In.)			Process Fluid (In.)	Compressor		RLA Ea.	LRA Ea.	Fan Motor		MCA	Max. Fuse	Wt. Lbs.	Price
		L	W	H		Qty.	HP			Qty.	FLA Ea.				
PAC72D3-S2-Z	80,400	75	34	47	1-1/4 FPT	2	4	25.0	132	2	3.3	70	80	900	Call
PAC72D3-T3-Z	80,400	75	34	47	1-1/4 FPT	2	4	15.0	115	2	3.3	45	50	900	Call
PAC72D3-T4-Z	80,400	75	34	47	1-1/4 FPT	2	4	7.4	48	2	1.6	20	25	900	Call
PAC96D3-S2-Z	105,800	75	34	47	1-1/4 FPT	2	5	30.1	175	2	3.3	80	100	1000	Call
PAC96D3-T3-Z	105,800	75	34	47	1-1/4 FPT	2	5	20.7	115	2	3.3	60	70	1000	Call
PAC96D3-T4-Z	105,800	75	34	47	1-1/4 FPT	2	5	8.9	63	2	1.6	25	30	1000	Call
PAC100D3-S2-Z	111,600	75	34	47	1-1/4 FPT	2	5	27.9	129	2	3.3	70	90	1100	Call
PAC120D3-T3-Z	118,800	75	34	47	1-1/4 FPT	2	6	20.7	156	2	3.3	60	70	1150	Call
PAC120D3-T4-Z	118,800	75	34	47	1-1/4 FPT	2	6	11.5	70	2	1.6	30	40	1150	Call
PAC140D3-T3-Z	162,000	85	40	47	1-1/4 FPT	2	8	32.1	195	2	3.3	80	110	1400	Call
PAC140D3-T4-Z	162,000	85	40	47	1-1/4 FPT	2	8	16.4	95	2	1.6	45	50	1400	Call
PAC160D3-T3-Z	183,600	85	40	47	1-1/4 FPT	2	9	33.6	225	2	3.3	90	110	1450	Call
PAC160D3-T4-Z	183,600	85	40	47	1-1/4 FPT	2	9	17.3	114	2	1.6	45	50	1450	Call
PAC180D3-T3-Z	210,000	85	40	47	1-1/2 FPT	2	10	41.4	239	2	3.3	100	125	1500	Call
PAC180D3-T4-Z	210,000	85	40	47	1-1/2 FPT	2	10	19.2	125	2	1.6	50	60	1500	Call
PAC240D3-T3-Z	264,000	66	75	49	1-1/2 FPT	2	12	55.0	300	4	3.3	150	175	1750	Call
PAC240D3-T4-Z	264,000	66	75	49	1-1/2 FPT	2	12	25.7	150	4	1.6	70	80	1750	Call
PAC360D3-T3-Z	307,200	143	84	54	2-1/2 MPT	2	15	60.0	340	4	2.3	150	200	2600	Call
PAC360D3-T4-Z	307,200	143	84	54	2-1/2 MPT	2	15	31.4	173	4	1.6	80	100	2600	Call
PAC500D3-T3-Z	415,200	183	84	54	3 MPT	2	20	81.4	505	6	2.3	200	250	2900	Call
PAC500D3-T4-Z	415,200	183	84	54	3 MPT	2	20	37.9	225	6	1.2	100	125	2900	Call
PAC600D3-T3-Z	514,800	223	84	54	3 MPT	2	25	100.0	500	8	2.3	225	300	3200	Call
PAC600D3-T4-Z	514,800	223	84	54	3 MPT	2	25	48.6	250	8	1.2	125	150	3200	Call
PAC760D3-T3-Z	618,000	223	84	54	4 VIC	2	30	121.4	599	8	2.3	300	400	4000	Call
PAC760D3-T4-Z	618,000	223	84	54	4 VIC	2	30	59.3	310	8	1.2	125	200	4000	Call

CHILLERS

PACKAGED AIR COOLED CHILLER

SCROLL COMPRESSOR WITH TANK



- Stainless steel storage tank with 1/2" insulation
- Fused stainless steel re-circulation pump for tank operation with ball valve and cleanable strainer
- Tank pressure relief valve, vent, and drain connections

Options:

- Storage tank sight glass
- Tank low liquid level indicator with dry contacts

SCROLL COMPRESSOR, SINGLE CIRCUIT WITH TANK R407C

Part No.	BTUH @ 95°F Amb. 45°F Lwt	Dimensions (In.)			Tank Gal.	Process Fluid (In.)	Compressor		RLA Ea.	LRA Ea.	Fan Motor		Evap. Pump FLA	MCA	Max. Fuse	Wt. Lbs.	Price
		L	W	H			Qty.	HP			Qty.	FLA Ea.					
PACT12S3-S2-Z	14,000	36	34	60	30	3/4-FPT	1	1.3	10	42	1	3.3	5.1	25	30	550	Call
PACT18S3-S2-Z	18,000	36	34	60	30	3/4 FPT	1	2.0	15.7	61.0	1	3.3	5.1	30	40	600	Call
PACT18S3-T3-Z	18,000	36	34	60	30	3/4 FPT	1	2.0	8.9	55.0	1	3.3	5.1	20	25	600	Call
PACT18S3-T4-Z	18,000	36	34	60	30	3/4 FPT	1	2.0	4.3	27.0	1	1.6	1.3	15	15	600	Call
PACT24S3-S2-Z	22,000	36	34	60	30	1 FPT	1	2.5	15.7	73.0	1	3.3	5.1	30	40	650	Call
PACT24S3-T3-Z	22,000	36	34	60	30	1 FPT	1	2.5	8.2	63.0	1	3.3	5.1	20	25	650	Call
PACT24S3-T4-Z	22,000	36	34	60	30	1 FPT	1	2.5	4.3	31.0	1	1.6	1.3	15	15	650	Call
PACT30S3-S2-Z	28,800	36	34	60	30	1 FPT	1	3.5	20.7	127.0	1	3.3	5.1	35	50	700	Call
PACT30S3-T3-Z	28,800	36	34	60	30	1 FPT	1	3.5	13.9	88.0	1	3.3	5.1	30	35	700	Call
PACT30S3-T4-Z	28,800	36	34	60	30	1 FPT	1	3.5	7.1	44.0	1	1.6	1.3	15	15	700	Call
PACT36S3-S2-Z	36,000	56	34	66	30	1 FPT	1	4	25.0	132.0	1	3.3	5.1	40	60	800	Call
PACT36S3-T3-Z	36,000	56	34	66	30	1 FPT	1	4	15.0	115.0	1	3.3	5.1	30	40	800	Call
PACT36S3-T4-Z	36,000	56	34	66	30	1 FPT	1	4	7.4	48.0	1	1.6	1.3	15	15	800	Call
PACT48S3-S2-Z	49,200	56	34	66	60	1 FPT	1	5	30.1	175.0	1	1.6	5.1	50	70	850	Call
PACT48S3-T3-Z	49,200	56	34	66	60	1 FPT	1	5	20.7	115.0	1	1.6	5.1	35	50	850	Call
PACT48S3-T4-Z	49,200	56	34	66	60	1 FPT	1	5	8.9	63.0	1	1.6	1.3	15	20	850	Call
PACT50S3-S2-Z	51,600	56	34	66	60	1 FPT	1	5	27.9	129.0	1	3.3	5.1	45	70	875	Call
PACT60S3-T3-Z	55,200	56	34	66	60	1 FPT	1	6	20.7	156.0	1	1.6	5.1	35	50	900	Call
PACT60S3-T4-Z	55,200	56	34	66	60	1 FPT	1	6	11.5	70.0	1	1.6	1.3	20	25	900	Call
PACT70S3-T3-Z	75,600	85	34	66	60	1 FPT	1	8	32.1	195.0	2	3.3	6.7	60	80	1100	Call
PACT70S3-T4-Z	75,600	85	34	66	60	1 FPT	1	8	16.4	95.0	2	1.6	1.7	25	35	1100	Call
PACT80S3-T3-Z	84,000	85	34	66	90	1-1/4 FPT	1	9	33.6	225.0	2	3.3	7.9	60	80	1150	Call
PACT80S3-T4-Z	84,000	85	34	66	90	1-1/4 FPT	1	9	17.3	114.0	2	1.6	2.0	30	40	1150	Call
PACT90S3-T3-Z	98,400	85	34	66	90	1-1/4 FPT	1	10	41.4	239.0	2	3.3	10.0	70	100	1250	Call
PACT90S3-T4-Z	98,400	85	34	66	90	1-1/4 FPT	1	10	19.2	125.0	2	1.6	2.8	30	45	1250	Call
PACT120S3-T3-Z	122,400	85	34	66	90	1-1/4 FPT	1	12	55.0	300.0	2	3.3	10.0	90	125	1300	Call
PACT120S3-T4-Z	122,400	85	34	66	90	1-1/4 FPT	1	12	25.7	150.0	2	1.6	2.8	40	60	1300	Call

PACKAGED AIR COOLED CHILLER

SCROLL COMPRESSOR, DUAL CIRCUIT WITH TANK R407C

Part No.	BTUH @ 95°F Amb. 45°F Lwt	Length In.	Dimensions (In.) L	W	H	Process Fluid (In.)	Compressor Qty.	HP	RLA Ea.	LRA Ea.	Fan Motor Qty.	FLA Ea.	Evap. Pump FLA	MCA	M.O.P	Wt. Lbs.	Price
PACT72D3-S2-Z	73,200	75	34	73	60	1-1/4 FPT	2	4	25.0	132	2	3.3	6.7	70	90	1100	Call
PACT72D3-T3-Z	73,200	75	34	73	60	1-1/4 FPT	2	4	15.0	115	2	3.3	6.7	50	60	1100	Call
PACT72D3-T4-Z	73,200	75	34	73	60	1-1/4 FPT	2	4	7.4	48	2	1.6	1.7	25	25	1100	Call
PACT96D3-S2-Z	96,000	75	34	73	90	1-1/4 FPT	2	5	30.1	175	2	3.3	10.0	90	110	1200	Call
PACT96D3-T3-Z	96,000	75	34	73	90	1-1/4 FPT	2	5	20.7	115	2	3.3	10.0	70	80	1200	Call
PACT96D3-T4-Z	96,000	75	34	73	90	1-1/4 FPT	2	5	8.9	63	2	1.6	2.8	30	35	1200	Call
PACT100D3-S2-Z	102,000	75	34	73	90	1-1/4 FPT	2	5	27.9	129	2	3.3	10.0	80	100	1250	Call
PACT120D3-T3-Z	108,000	75	34	73	90	1-1/4 FPT	2	6	20.7	156	2	3.3	10.0	70	80	1250	Call
PACT120D3-T4-Z	108,000	75	34	73	90	1-1/4 FPT	2	6	11.5	70	2	1.6	2.8	35	40	1250	Call
PACT140D3-T3-Z	147,000	85	40	73	90	1-1/2 FPT	2	8	32.1	195	2	3.3	10.5	90	110	1300	Call
PACT140D3-T4-Z	147,000	85	40	73	90	1-1/2 FPT	2	8	16.4	95	2	1.6	3.2	45	50	1300	Call
PACT160D3-T3-Z	167,000	85	40	73	135	1-1/2 FPT	2	9	33.6	225	2	3.3	7.9	100	110	1400	Call
PACT160D3-T4-Z	167,000	85	40	73	135	1-1/2 FPT	2	9	17.3	114	2	1.6	2.0	45	60	1400	Call
PACT180D3-T3-Z	190,800	85	40	73	135	1-1/2 FPT	2	10	41.4	239	2	3.3	5.6	110	125	1450	Call
PACT180D3-T4-Z	190,800	85	40	73	135	1-1/2 FPT	2	10	19.2	125	2	1.6	2.8	50	60	1450	Call

SCROLL COMPRESSOR, SINGLE CIRCUIT WITH TANK, VALUE LINE R407C

- ETL listed
- Scroll compressor with crankcase heater
- Microprocessor controller
- Stainless steel brazed plate evaporator
- Fused stainless steel chiller circulation pump
- Insulated polyethylene reservoir tank
- Low flow bypass valve
- Suction accumulator
- Water flow switch
- Hot gas by-pass
- 24V control transformer
- Direct drive condenser fan motor
- Rust resistant, high CFM, aluminum condenser fan blade
- Copper tube / aluminum fin condenser
- Compressor motor contactor
- Condenser motor and control circuit fusing
- 1/2" insulation on all water/low press. refrigerant lines
- Liquid line drier, sightglass, solenoid, TEV

Part No.	BTUH @ 95°F Amb. 45°F Lwt	Dimensions (In.) L	W	H	Tank Gal.	Process Fluid (In.)	Compressor Qty.	HP	RLA Ea.	LRA Ea.	Fan Motor Qty.	FLA Ea.	Evap. Pump FLA	MCA	Max. Fuse	Wt. Lbs.	Price
VPACT1S3-S2-Z	16,800	36	34	46.25	6	3/4 FPT	1	1.3	10.0	41.0	1	3.3	8.4	25	30	350	Call
VPACT2S3-S2-Z	26,400	36	34	46.25	13	1 FPT	1	2.5	15.7	73.0	1	3.3	8.4	35	45	425	Call
VPACT2S3-T3-Z	26,400	36	34	46.25	13	1 FPT	1	2.5	8.2	63.0	1	3.3	8.4	25	30	425	Call
VPACT2S3-T4-Z	26,400	36	34	46.25	13	1 FPT	1	2.5	4.3	31.0	1	1.6	2.0	15	15	425	Call
VPACT3S3-S2-Z	36,000	36	34	46.25	13	1 FPT	1	3.5	20.7	127.0	1	3.3	8.4	40	50	475	Call
VPACT3S3-T3-Z	36,000	36	34	46.25	13	1 FPT	1	3.5	13.9	88.0	1	3.3	8.4	30	40	475	Call
VPACT3S3-T4-Z	36,000	36	34	46.25	13	1 FPT	1	3.5	7.1	44.0	1	1.6	2.0	15	20	475	Call
VPACT4S3-S2-Z	43,200	56	34	47.25	13	1 FPT	1	4	25.0	132.0	1	3.3	8.4	45	60	525	Call
VPACT4S3-T3-Z	43,200	56	34	47.25	13	1 FPT	1	4	15.0	115.0	1	3.3	8.4	35	45	525	Call
VPACT4S3-T4-Z	43,200	56	34	47.25	13	1 FPT	1	4	7.4	48.0	1	1.6	2.0	15	20	525	Call
VPACT5S3-S2-Z	58,800	56	34	47.25	24	1 FPT	1	5	30.1	175.0	1	3.3	10.0	60	80	575	Call
VPACT5S3-T3-Z	58,800	56	34	47.25	24	1 FPT	1	5	20.7	115.0	1	3.3	10.0	40	50	575	Call
VPACT5S3-T4-Z	58,800	56	34	47.25	24	1 FPT	1	5	8.9	63.0	1	1.6	2.8	20	25	575	Call
VPACT6S3-T3-Z	66,000	56	34	47.25	24	1 FPT	1	6	20.7	156.0	1	3.3	10.0	40	50	575	Call
VPACT6S3-T4-Z	66,000	56	34	47.25	24	1 FPT	1	6	11.5	70.0	1	1.6	2.8	20	30	575	Call
VPACT7S3-T3-Z	91,200	85	34	47.25	31	1-1/4 FPT	1	8	32.1	195.0	2	2.2	10.0	60	80	700	Call
VPACT7S3-T4-Z	91,200	85	34	47.25	31	1-1/4 FPT	1	8	16.4	95.0	2	1.6	2.8	30	40	700	Call
VPACT8S3-T3-Z	102,000	85	34	47.25	31	1-1/4 FPT	1	9	33.6	225.0	2	3.3	10.5	60	90	700	Call
VPACT8S3-T4-Z	102,000	85	34	47.25	31	1-1/4 FPT	1	9	17.3	114.0	2	1.6	3.2	30	45	700	Call
VPACT10S3-T3-Z	117,600	85	34	47.25	31	1-1/4 FPT	1	10	41.4	239.0	2	3.3	10.5	70	110	750	Call
VPACT10S3-T4-Z	117,600	85	34	47.25	31	1-1/4 FPT	1	10	19.2	125.0	2	1.6	3.2	35	45	750	Call

CHILLERS

PACKAGED AIR COOLED CHILLER

FRACTIONAL WITH TANK R134a



- Capacity rated 95°F ambient, 50°F LWT
- ETL listed
- Microprocessor controller
- Stainless steel , brazed plate evaporator
- Fused, stainless steel chiller circulation pump
- Insulated polyethylene reservoir tank
- 24V control transformer
- Tubeaxial condenser fan
- Copper tube/aluminum fin condenser coil
- Compressor motor contactor
- Control circuit fuse
- 1/2" insulation on all water/low pressure lines
- Liquid line drier, sightglass, solenoid, TEV
- Refrigerant charge from factory

Part No.	Nominal BTUH	Dimensions (In.) L	W	H	Process Fluid (In.)	Compressor Qty.	HP	Model	RLA Ea.	LRA Ea.	Fan Motor Qty.	FLA Ea.	MCA	Max. Fuse	Wt. Lbs.	Price
FPACT25S1-S1-H	2,850	29	19.25	30.5	3/4 FPT	1	1/4	NEK6170Z	3.9	28.5	1	0.81	15	15	125	Call
FPACT33S1-S1-H	3,400	29	19.25	30.5	3/4 FPT	1	1/3	NEK6187Z	4.6	37.0	1	0.81	15	15	125	Call
FPACT50S1-S1-H	6,200	29	19.25	30.5	3/4 FPT	1	1/2	T6215Z	11.0	45.0	1	0.81	20	25	125	Call
FPACT75S1-S1-H	9,200	29	24.25	34.5	3/4 FPT	1	3/4	RR81C2E	15.2	66.3	2	0.81	30	40	175	Call
FPACT100S1-S1-H	10,600	29	24.25	34.5	3/4 FPT	1	1	RR10K2E	16.9	78.0	2	0.81	30	40	175	Call

SPLIT SYSTEM AIR COOLED CHILLER

SEMI-HERMETIC COMPRESSOR, EVAPORATOR, SINGLE CIRCUIT R407C

Part No.	BTUH @ 95°F Amb. 45°F Lwt	Dimensions (In.) L	W	H	Fluid Connection (In.)	Compressor Qty.	HP	RLA Ea.	LRA Ea.	Fan Motor Qty.	FLA Ea.	MCA	M.O.P	Condenser Selection	Wt. (Lbs.)	Price
ES100S3-T3-S	128400	65	34	42	1-1/4 FPT	1	10	43.6	215	2	3.3	60	100	CS120S	800	Call
ES100S3-T4-S	128400	65	34	42	1-1/4 FPT	1	10	20	106	2	1.6	30	45	CS120S	800	Call
ES120S3-T3-S	145200	65	34	42	1-1/4 FPT	1	12	48.1	275	2	3.3	70	110	CS120S	825	Call
ES120S3-T4-S	145200	65	34	42	1-1/4 FPT	1	12	23.6	138	2	1.6	30	50	CS120S	825	Call
ES150S3-T3-S	148800	65	34	42	2-MPT	1	15	59.6	275	2	2.3	80	125	DCM016	850	Call
ES150S3-T4-S	148800	65	34	42	2 MPT	1	15	29	138	2	1.2	40	60	DCM016	850	Call
ES200S3-T3-S	171600	65	34	60	2 MPT	1	20	66.6	308	2	2.3	90	150	DCM020	950	Call
ES200S3-T4-S	171600	65	34	60	2 MPT	1	20	33.3	154	2	1.2	45	80	DCM020	950	Call
ES220S3-T3-S	195600	65	34	60	2-1/2 MPT	1	22	65.6	374	2	2.3	90	150	DCM024	1000	Call
ES220S3-T4-S	195600	65	34	60	2-1/2 MPT	1	22	32.8	187	2	1.2	45	70	DCM024	1000	Call
ES250S3-T3-S	223200	65	34	60	2-1/2 MPT	1	25	82.1	428	3	2.3	110	175	DCM030	1000	Call
ES250S3-T4-S	223200	65	34	60	2-1/2 MPT	1	25	41.1	214	3	1.2	60	90	DCM030	1000	Call
ES301S3-T3-S	309600	65	34	60	2-1/2 MPT	1	30	105	565	3	2.3	150	225	DCM035	1100	Call
ES301S3-T4-S	309600	65	34	60	2-1/2 MPT	1	30	52.5	283	3	1.2	70	110	DCM035	1100	Call
ES351S3-T3-S	321600	85	34	60	2-1/2 MPT	1	35	117.1	550	4	2.3	175	250	DCM040	1300	Call
ES351S3-T4-S	321600	85	34	60	2-1/2 MPT	1	35	58.6	275	4	1.2	80	125	DCM040	1300	Call
ES400S3-T3-S	352000	85	34	60	3-MPT	1	40	157.1	700	4	2.3	225	350	DCM040	1400	Call
ES400S3-T4-S	352000	85	34	60	3 MPT	1	40	78.6	350	4	1.2	110	175	DCM040	1400	Call
ES500S3-T3-S	441600	85	34	60	3 MPT	1	50	160	950	6	2.3	200	350	DCM060	1600	Call
ES500S3-T4-S	441600	85	34	60	3 MPT	1	50	80	425	6	1.2	100	175	DCM060	1600	Call
ES600S3-T3-S	540000	85	34	60	3 MPT	1	60	224.3	1070	6	2.3	300	500	DCM060	1700	Call
ES600S3-T4-S	540000	85	34	60	3 MPT	1	60	112.1	535	6	1.2	150	250	DCM060	1700	Call
ES700S3-T3-S	650400	85	34	60	3 MPT	1	70	228.6	1288	8	2.3	350	500	DCM082	1950	Call
ES700S3-T4-S	650400	85	34	60	3 MPT	1	70	114.3	590	8	1.2	175	250	DCM082	1950	Call

SPLIT SYSTEM AIR COOLED CHILLER

SEMI-HERMETIC COMPRESSOR, EVAPORATOR, DUAL CIRCUIT R407C

	Dimensions (In.)			Compressor			Refrigerant Conn. Dual (In.)				
Part No.	L	W	H	Qty.	HP	Fluid Connection (In.)	Discharge	Liquid	Condenser Model	Weight Lbs.	Price
ES150D	85	34	42	2	7.5	2-1/2 MPT	5/8	5/8	DVC022C	800	Call
ES200D	85	34	42	2	10	2-1/2 MPT	1-1/8	5/8	DVC022C	800	Call
ES240D	85	34	42	2	12	2-1/2 MPT	1-1/8	5/8	DVC027C	850	Call
ES300D	85	34	42	2	15	2-1/2 MPT	1-1/8	7/8	DVC027C	950	Call
ES400D	85	34	60	2	20	2-1/2 MPT	1-3/8	7/8	DVC032C	1000	Call
ES440D	85	34	60	2	22	3-MPT	1-3/8	7/8	DVC037C	1000	Call
ES500D	85	34	60	2	25	3 MPT	1-3/8	7/8	DVC041C	1100	Call
ES601D	110	34	60	2	30	3 MPT	1-5/8	1 1/8	DVC049C	1300	Call
ES701D	110	34	60	2	35	4 Flng	1-5/8	1-1/8	DVC057C	1400	Call
ES800D	110	34	60	2	40	4 Flng	1-5/8	1-1/8	DVC073C	1400	Call
ES1000D	120	34	60	2	50	4 Flng	1-5/8	1-1/8	DVC086C	1600	Call
ES1200D	120	34	60	2	60	5 Flng	2-1/8	1-1/8	DVC112C	1700	Call

CHILLERS

SPLIT SYSTEM AIR COOLED CHILLER

SCROLL COMPRESSOR



Standard Features

- ETL listed
- Remote condenser section
- Microprocessor controller (see page 413 for features)
- Stainless steel brazed plate evaporator
- Shell & tube 180S to 600D models
- Scroll compressor with crankcase heater
- Suction accumulator
- Water flow switch
- Hot gas by–pass capacity control
- 24V control transformer
- Direct drive condenser fan motor
- Rust resistant, high CFM, aluminum condenser fan blade
- Condenser(s): copper tube/aluminum fin
- Compressor motor contactor
- Condenser motor and control circuit fusing
- 1/2" insulation on all water and refrigerant lines
- Liquid line drier, sightglass, solenoid, TEV
- Full refrigerant charge from factory

Available Options

- ChillerGuard® internet interface device
- Remote microprocessor panel
- 4 year extended compressor warranty
- Casters (factory mounted)
- 115 volt (rain tight) service outlet
- Fused disconnect
- Phase monitor
- Compressor fusing
- Fan cycle control on ES90 &120 units only (+40°F)
- Variable fan speed control (+20°F)
- Flooded condenser with receiver/head pressure control (-20°F)
- Heated flooded condenser w/ receiver/head pressure control (-20°F)
- Factory installed evaporator heat tape freeze protection
- Water pressure gauge set
- Fused stainless steel system process pump
- Pump isolation valve
- Dual system pump with auto/manual changeover
- Low flow bypass valve
- "Gold", copper or heresite finned condenser coil (coastal protection)
- Shell and tube chiller barrel
- Water flow meter
- Auto city water make up solenoid
- Auto city water changeover panel with 5 micron filter
- Special piping for de-ionized and reverse osmosis water systems

SCROLL COMPRESSOR, EVAPORATOR, SINGLE CIRCUIT R407C

Part No.	BTUH @ 95°F Amb. 45°F Lwt	Dimensions (In.)			Fluid Connection (In.)	Compressor		RLA Ea.	LRA Ea.	Fan Motor		MCA	M.O.P	Condenser Selection	Wt. (Lbs.)	Price
		L	W	H		Qty.	HP			Qty.	FLA Ea.					
ES12S3-S2-Z	14,400	44	28	26	3/4 FPT	1	1.3	10.0	42	1	3.3	20	25	CS12S	225	Call
ES18S3-S2-Z	20,400	44	28	26	3/4 FPT	1	2.0	15.7	61	1	3.3	25	40	CS18S	225	Call
ES18S3-T3-Z	20,400	44	28	26	3/4 FPT	1	2.0	8.9	55	1	3.3	15	20	CS18S	225	Call
ES18S3-T4-Z	20,400	44	28	26	3/4 FPT	1	2.0	4.3	27	1	1.6	15	15	CS18S	225	Call
ES24S3-S2-Z	24,000	44	28	26	1 FPT	1	2.5	15.7	73	1	3.3	25	40	CS24S	370	Call
ES24S3-T3-Z	24,000	44	28	26	1 FPT	1	2.5	8.2	63	1	3.3	15	20	CS24S	370	Call
ES24S3-T4-Z	24,000	44	28	26	1 FPT	1	2.5	4.3	31	1	1.6	15	15	CS24S	370	Call
ES30S3-S2-Z	32,400	44	28	26	1 FPT	1	3.5	20.7	127	1	3.3	30	45	CS30S	500	Call
ES30S3-T3-Z	32,400	44	28	26	1 FPT	1	3.5	13.9	88	1	3.3	25	30	CS30S	500	Call
ES30S3-T4-Z	32,400	44	28	26	1 FPT	1	3.5	7.1	44	1	1.6	15	15	CS30S	500	Call
ES36S3-S2-Z	39,600	44	28	26	1 FPT	1	4	25.0	132	1	3.3	35	50	CS36S	500	Call
ES36S3-T3-Z	39,600	44	28	26	1 FPT	1	4	15.0	115	1	3.3	25	35	CS36S	500	Call
ES36S3-T4-Z	39,600	44	28	26	1 FPT	1	4	7.4	48	1	1.6	15	15	CS36S	500	Call
ES48S3-S2-Z	52,800	44	28	26	1 FPT	1	5	30.1	175	1	3.3	45	70	CS48S	550	Call
ES48S3-T3-Z	52,800	44	28	26	1 FPT	1	5	20.7	115	1	3.3	30	45	CS48S	550	Call
ES48S3-T4-Z	52,800	44	28	26	1 FPT	1	5	8.9	63	1	1.6	15	20	CS48S	550	Call
ES50S3-S2-Z	56,400	44	28	26	1 FPT	1	5	27.9	129	1	3.3	40	60	CS50S	575	Call

SPLIT SYSTEM AIR COOLED CHILLER

SCROLL COMPRESSOR, EVAPORATOR, SINGLE CIRCUIT R407C (Cont)

Part No.	BTUH @ 95°F Amb. 45°F Lwt	Dimensions (In.)			Fluid Connection (In.)	Compressor		RLA Ea.	LRA Ea.	Fan Motor		MCA	M.O.P	Condenser Selection	Wt. (Lbs.)	Price
		L	W	H		Qty.	HP			Qty.	FLA Ea.					
ES60S3-T3-Z	60,000	44	28	26	1 FPT	1	6	20.7	156	1	3.3	30	45	CS60S	600	Call
ES60S3-T4-Z	60,000	44	28	26	1 FPT	1	6	11.5	70	1	1.6	20	25	CS60S	600	Call
ES70S3-T3-Z	84,000	44	28	37	1-1/4 FPT	1	8	32.1	195	2	3.3	50	70	CS70S	700	Call
ES70S3-T4-Z	84,000	44	28	37	1-1/4 FPT	1	8	16.4	95	2	1.6	25	40	CS70S	700	Call
ES80S3-T3-Z	92,400	44	28	37	1-1/4 FPT	1	9	33.6	225	2	3.3	50	80	CS80S	725	Call
ES80S3-T4-Z	92,400	44	28	37	1-1/4 FPT	1	9	17.3	114	2	1.6	25	40	CS80S	725	Call
ES90S3-T3-Z	108,000	44	28	37	1-1/4 FPT	1	10	41.4	239	2	3.3	50	90	CS90S	750	Call
ES90S3-T4-Z	108,000	44	28	37	1-1/4 FPT	1	10	19.2	125	2	1.6	30	45	CS90S	750	Call
ES120S3-T3-Z	134,400	44	28	37	1-1/4 FPT	1	12	55.0	300	2	3.3	80	125	CS120S	850	Call
ES120S3-T4-Z	134,400	44	28	37	1-1/4 FPT	1	12	25.7	150	2	1.6	40	60	CS120S	850	Call
ES180S3-T3-Z	148,800	65	34	42	2-MPT	1	15	60.0	340	2	2.3	80	125	DCM024	850	Call
ES180S3-T4-Z	148,800	65	34	42	2 MPT	1	15	31.4	173	2	1.2	45	70	DCM024	850	Call
ES250S3-T3-Z	210,000	65	34	42	2-1/2 MPT	1	20	81.4	505	2	2.3	100	175	DCM030	950	Call
ES250S3-T4-Z	210,000	65	34	42	2-1/2 MPT	1	20	37.9	225	2	1.2	60	80	DCM030	950	Call
ES300S3-T3-Z	253,200	65	34	42	2-1/2 MPT	1	25	100.0	500	2	2.3	125	225	DCM035	1000	Call
ES300S3-T4-Z	253,200	65	34	42	2-1/2 MPT	1	25	48.6	250	2	1.2	70	110	DCM035	1000	Call
ES380S3-T3-Z	295,200	TBD	34	42	2-1/2 MPT	1	30	121.4	599	4	2.3	150	250	DCM047	1000	Call
ES380S3-T4-Z	295,200	TBD	34	42	2-1/2 MPT	1	30	59.3	310	4	1.2	80	125	DCM047	1000	Call

SCROLL COMPRESSOR, EVAPORATOR, DUAL CIRCUIT R407C



Part No.	BTUH @ 95°F Amb. 45°F Lwt	Dimensions (In.)			Fluid Connection (In.)	Compressor		RLA (Amps)	LRA Ea.	Fan Motor		MCA	M.O.P	Condenser Model	Wt. (Lbs.)	Price
		L	W	H		Qty.	HP			Qty.	FLA Ea.					
ES72D3-S2-Z	80,400	65	30	39	1-1/4 FPT	2	4	25.0	132	2	3.3	70	80	CS72D	900	Call
ES72D3-T3-Z	80,400	65	30	39	1-1/4 FPT	2	4	15.0	115	2	3.3	45	50	CS72D	900	Call
ES72D3-T4-Z	80,400	65	30	39	1-1/4 FPT	2	4	7.4	48	2	1.6	20	25	CS72D	900	Call
ES96D3-S2-Z	105,800	65	30	39	1-1/4 FPT	2	5	30.1	175	2	3.3	80	100	CS96D	1000	Call
ES96D3-T3-Z	105,800	65	30	39	1-1/4 FPT	2	5	20.7	115	2	3.3	60	70	CS96D	1000	Call
ES96D3-T4-Z	105,800	65	30	39	1-1/4 FPT	2	5	8.9	63	2	1.6	25	30	CS96D	1000	Call
ES100D3-S2-Z	111,600	65	30	39	1-1/4 FPT	2	5	27.9	129	2	3.3	70	80	CS100D	1100	Call
ES120D3-T3-Z	118,800	65	30	39	1-1/4 FPT	2	6	20.7	156	2	3.3	60	70	CS120D	1250	Call
ES120D3-T4-Z	118,800	65	30	39	1-1/4 FPT	2	6	11.5	70	2	1.6	30	40	CS120D	1250	Call
ES140D3-T3-Z	162,000	65	30	39	1-1/4 FPT	2	8	32.1	195	2	3.3	80	110	CS140D	1400	Call
ES140D3-T4-Z	162,000	65	30	39	1-1/4 FPT	2	8	16.4	95	2	1.6	45	50	CS140D	1400	Call
ES160D3-T3-Z	183,600	65	30	39	1-1/4 FPT	2	9	33.6	225	2	3.3	90	110	CS160D	1450	Call
ES160D3-T4-Z	183,600	65	30	39	1-1/4 FPT	2	9	17.3	114	2	1.6	45	50	CS160D	1450	Call
ES180D3-T3-Z	210,000	65	30	39	1-1/2 FPT	2	10	41.4	239	2	3.3	100	125	CS180D	1500	Call
ES180D3-T4-Z	210,000	65	30	39	1-1/2 FPT	2	10	19.2	125	2	1.6	50	60	CS180D	1500	Call
ES240D3-T3-Z	264,000	65	30	39	1-1/2 FPT	2	12	55.0	300	4	3.3	150	175	CS240D	1750	Call
ES240D3-T4-Z	264,000	65	30	39	1-1/2 FPT	2	12	25.7	150	4	1.6	70	80	CS240D	1750	Call
ES360D3-T3-Z	307,200	85	34	42	2-1/2 MPT	2	15	60.0	340	4	2.3	150	200	DCM047	1500	Call
ES360D3-T4-Z	307,200	85	34	42	2-1/2 MPT	2	15	31.4	173	4	1.2	80	100	DCM047	1500	Call
ES500D3-T3-Z	415,200	85	34	42	3-MPT	2	20	81.4	505	6	2.3	200	250	DCM060	1600	Call
ES500D3-T4-Z	415,200	85	34	42	3 MPT	2	20	37.9	225	6	1.2	100	125	DCM060	1600	Call
ES600D3-T3-Z	514,800	85	34	42	3 MPT	2	25	100.0	500	8	2.3	225	300	DCM082	1700	Call
ES600D3-T4-Z	514,800	85	34	42	3 MPT	2	25	48.6	250	8	1.2	125	150	DCM082	1700	Call
ES760D3-T3-Z	618,000	85	34	42	4 Flng	2	30	121.4	599	8	2.3	300	400	DCM095	1700	Call
ES760D3-T4-Z	618,000	85	34	42	4 Flng	2	30	59.3	310	8	1.2	125	200	DCM095	1700	Call

CHILLERS

SPLIT SYSTEM AIR COOLED CHILLER

SCROLL COMPRESSOR, EVAPORATOR SINGLE CIRCUIT, WITH TANK R407C

- Stainless steel storage tank with 1/2" insulation
- Fused stainless steel re-circulation pump for tank operation with ball valve and cleanable strainer
- Tank pressure relief valve, vent, and drain connections

Options:

- Storage tank sight glass
- Tank low liquid level indicator with dry contacts

Part No.	BTUH @ 95°F Amb. 45°F Lwt	Dimensions (In.)			Tank Gal.	Fluid Connection (In.)	Compressor		RLA Ea.	LRA Ea.	Fan Motor		Evap. Pump FLA	MCA	M.O.P	Condenser Selection	Wt. Lbs.	Price
		L	W	H			Qty	HP			Qty	FLA Ea.						
EST12S3-S2-Z	14,000	36	34	53	30	3/4 FPT	1	1.3	10	42	1	3.3	5.1	25	30	CS12S	550	Call
EST18S3-S2-Z	18,000	36	34	53	30	3/4 FPT	1	2.0	13.6	61	1	3.3	5.1	30	40	CS18S	600	Call
EST18S3-T3-Z	18,000	36	34	53	30	3/4 FPT	1	2.0	8.6	55	1	3.3	5.1	20	25	CS18S	600	Call
EST18S3-T4-Z	18,000	36	34	53	30	3/4 FPT	1	2.0	4.3	27	1	1.6	1.3	15	15	CS18S	600	Call
EST24S3-S2-Z	22,000	36	34	53	30	1 FPT	1	2.5	15.7	73	1	3.3	5.1	30	40	CS24S	650	Call
EST24S3-T3-Z	22,000	36	34	53	30	1 FPT	1	2.5	8.2	63	1	3.3	5.1	20	25	CS24S	650	Call
EST24S3-T4-Z	22,000	36	34	53	30	1 FPT	1	2.5	4.3	31	1	1.6	1.3	15	15	CS24S	650	Call
EST30S3-S2-Z	28,800	36	34	53	30	1 FPT	1	3.5	20.7	127	1	3.3	5.1	35	50	CS30S	700	Call
EST30S3-T3-Z	28,800	36	34	53	30	1 FPT	1	3.5	13.9	88	1	3.3	5.1	30	35	CS30S	700	Call
EST30S3-T4-Z	28,800	36	34	53	30	1 FPT	1	3.5	7.1	44	1	1.6	1.3	15	15	CS30S	700	Call
EST36S3-S2-Z	36,000	36	34	53	30	1 FPT	1	4	25.0	132	1	3.3	5.1	40	60	CS36S	800	Call
EST36S3-T3-Z	36,000	36	34	53	30	1 FPT	1	4	15.0	115	1	3.3	5.1	30	40	CS36S	800	Call
EST36S3-T4-Z	36,000	36	34	53	30	1 FPT	1	4	7.4	48	1	1.6	1.3	15	15	CS36S	800	Call
EST48S3-S2-Z	49,200	56	34	63	60	1 FPT	1	5	30.1	175	1	3.3	5.1	50	70	CS48S	850	Call
EST48S3-T3-Z	49,200	56	34	63	60	1 FPT	1	5	20.7	115	1	3.3	5.1	35	50	CS48S	850	Call
EST48S3-T4-Z	49,200	56	34	63	60	1 FPT	1	5	8.9	63	1	1.6	1.3	15	20	CS48S	850	Call
EST50S3-S2-Z	51,600	56	34	63	60	1 FPT	1	5	27.9	129	1	3.3	5.1	45	70	CS50S	875	Call
EST60S3-T3-Z	55,200	56	34	63	60	1 FPT	1	6	20.7	156	1	3.3	5.1	35	50	CS60S	900	Call
EST60S3-T4-Z	55,200	56	34	63	60	1 FPT	1	6	11.5	70	1	1.6	1.3	20	25	CS60S	900	Call
EST70S3-T3-Z	75,600	85	34	63	60	1 FPT	1	8	32.1	195	2	3.3	6.7	60	80	CS70S	1100	Call
EST70S3-T4-Z	75,600	85	34	63	60	1 FPT	1	8	16.4	95	2	1.6	1.7	25	35	CS70S	1100	Call
EST80S3-T3-Z	84,000	85	34	63	90	1-1/4 FPT	1	9	33.6	225	2	3.3	7.9	60	80	CS80S	1150	Call
EST80S3-T4-Z	84,000	85	34	63	90	1-1/4 FPT	1	9	17.3	114	2	1.6	2.0	30	40	CS80S	1150	Call
EST90S3-T3-Z	98,400	85	34	63	90	1-1/4 FPT	1	10	42.0	239	2	3.3	10.0	70	100	CS90S	1250	Call
EST90S3-T4-Z	98,400	85	34	63	90	1-1/4 FPT	1	10	19.2	125	2	1.6	2.8	30	45	CS90S	1250	Call
EST120S3-T3-Z	122,400	85	34	63	90	1-1/4 FPT	1	12	47.0	300	2	3.3	10.0	90	125	CS120S	1300	Call
EST120S3-T4-Z	122,400	85	34	63	90	1-1/4 FPT	1	12	22.1	150	2	1.6	2.8	40	60	CS120S	1300	Call

CHILLERS

SPLIT SYSTEM AIR COOLED CHILLER

SCROLL COMPRESSOR, EVAPORATOR DUAL CIRCUIT, WITH TANK R407C

Part No.	BTUH @ 95 °F Amb. 45 °F Lwt	Dimensions (In.)			Tank Gal.	Fluid Connection (In.)	Compressor		RLA Ea.	LRA Ea.	Fan Motor		Evap. Pump FLA	MCA	M.O.P	Condenser Selection	Wt. Lbs.	Price
		L	W	H			Qty.	HP			Qty.	FLA Ea.						
EST72D3-S2-Z	73,200	85	34	63	60	1-1/4 FPT	2	4	25.0	132	2	3.3	6.7	70	90	CS72D	1350	Call
EST72D3-T3-Z	73,200	85	34	63	60	1-1/4 FPT	2	4	15.0	115	2	3.3	6.7	50	60	CS72D	1350	Call
EST72D3-T4-Z	73,200	85	34	63	60	1-1/4 FPT	2	4	7.4	48	2	1.6	1.7	25	25	CS72D	1350	Call
EST96D3-S2-Z	96,000	85	34	63	90	1-1/4 FPT	2	5	30.1	175	2	3.3	10.0	90	110	CS96D	1400	Call
EST96D3-T3-Z	96,000	85	34	63	90	1-1/4 FPT	2	5	20.7	115	2	3.3	10.0	70	80	CS96D	1400	Call
EST96D3-T4-Z	96,000	85	34	63	90	1-1/4 FPT	2	5	8.9	63	2	1.6	2.8	30	35	CS96D	1400	Call
EST100D3-S2-Z	102,000	85	34	63	90	1-1/4 FPT	2	5	27.9	129	2	3.3	10.0	80	100	CS100D	1450	Call
EST120D3-T3-Z	108,000	85	34	63	90	1-1/4 FPT	2	6	20.7	156	2	3.3	10.0	70	80	CS120D	1500	Call
EST120D3-T4-Z	108,000	85	34	63	90	1-1/4 FPT	2	6	11.5	70	2	1.6	2.8	35	40	CS120D	1500	Call
EST140D3-T3-Z	147,000	85	34	63	90	1-1/2 FPT	2	8	32.1	195	2	3.3	10.5	90	110	CS140D	1700	Call
EST140D3-T4-Z	147,000	85	34	63	90	1-1/2 FPT	2	8	16.4	95	2	1.6	3.2	45	50	CS140D	1700	Call
EST160D3-T3-Z	167,000	85	34	63	135	1-1/2 FPT	2	9	33.6	225	2	3.3	7.9	100	110	CS160D	1800	Call
EST160D3-T4-Z	167,000	85	34	63	135	1-1/2 FPT	2	9	17.3	114	2	1.6	2.0	45	60	CS160D	1800	Call
EST180D3-T3-Z	190,800	85	34	63	135	1-1/2 FPT	2	10	41.4	239	2	3.3	5.6	110	125	CS180D	1900	Call
EST180D3-T4-Z	190,800	85	34	63	135	1-1/2 FPT	2	10	19.2	125	2	1.6	2.8	50	60	CS180D	1900	Call
EST240D3-T3-Z	238,800	85	34	63	135	1-1/2 FPT	2	12	55.0	300	4	3.3	5.6	125	150	CS240D	2100	Call
EST240D3-T4-Z	238,800	85	34	63	135	1-1/2 FPT	2	12	25.7	150	4	1.6	2.8	60	70	CS240D	2100	Call

REMOTE CONDENSER



Part No.	Dimensions (In.)			Fan Motor		Refrigerant Conn. (In.)		Wt. Lbs.	Price
	L	W	H	Quantity	HP	Discharge	Liquid		
CS12S	36	36	40	1	1/4	1/2	3/8	125	Call
CS18S	36	36	40	1	1/4	1/2	3/8	135	Call
CS24S	36	36	40	1	1/2	1/2	3/8	145	Call
CS30S	36	36	40	1	1/2	1/2	3/8	200	Call
CS36S	56	36	40	1	1/2	5/8	1/2	225	Call
CS48S	56	36	40	1	1/2	5/8	1/2	245	Call
CS50S	56	36	40	1	1/2	5/8	1/2	255	Call
CS60S	56	36	40	1	1/2	5/8	1/2	255	Call
CS70S	65	36	40	2	3/4	3/4	5/8	355	Call
CS80S	65	36	40	2	3/4	3/4	5/8	355	Call
CS90S	65	36	40	2	3/4	3/4	5/8	355	Call
CS120S	65	36	40	2	3/4	3/4	5/8	400	Call
CS72D	75	36	47	2	1/2	5/8	1/2	500	Call
CS96D	75	36	47	2	1/2	5/8	1/2	525	Call
CS100D	75	36	47	2	1/2	5/8	1/2	650	Call
CS120D	75	36	47	2	1/2	5/8	1/2	650	Call
CS140D	85	40	47	2	3/4	3/4	5/8	750	Call
CS160D	85	40	47	2	3/4	3/4	5/8	750	Call
CS180D	85	40	47	2	3/4	3/4	5/8	750	Call
CS240D	66	75	49	4	3/4	3/4	5/8	1000	Call

CHILLERS

SPLIT SYSTEM AIR COOLED CHILLER

STORAGE TANK



Standard Features

- Open vented storage tank
- 1/2" tank and fluid piping insulation
- Copper fluid piping
- Tank vent and drain connections
- Fused stainless steel evaporator fluid re-circulating pump
- Fluid pump discharge ball valve and cleanable "Y" strainer
- Painted galvanized sheet metal cabinet
- 24 volt L.E.D. process fluid thermometers

Available Options

- Fluid flow meter
- Fused stainless steel process pump
- Tank fluid sight glass
- Tank liquid level indicator with dry contacts
- Special piping for reverse osmosis or de-ionized water applications
- Stainless steel sheet metal cabinet
- 1" tank and piping insulation
- Seal-tight electrical connections

STAINLESS STEEL

Part No.	Dimensions (In.) L	W	H	Water Connection (In.)	Tank Capacity	Recirc. Pump	RLA 230/3Ø	RLA 460/3Ø	Wt. Lbs.	Price
TS30S	36	34	36	1-FPT	30	1/3	2.8	1.4	500	Call
TS60S	56	34	36	1-FPT	60	1/3	2.8	1.4	525	Call
TS90S	75	34	36	1-1/4 FPT	90	1/2	3.6	1.8	600	Call
TS135S	85	34	36	1-1/2 FPT	135	3/4	2.6	1.3	625	Call
TS200S	120	56	59	1-1/2 FPT	200	2	6.4	3.2	500	Call
TS300S	120	56	59	2-FPT	300	2	6.4	3.2	525	Call
TS500S	120	56	59	3-FPT	400	3	9.4	4.5	950	Call

POLYETHYLENE

Part No.	Dimensions (In.) L	W	H	Water Connection (In.)	Tank Cap. (Gal.)	Pump HP	RLA 230/3Ø	RLA 460/3Ø	Weight (Lbs.)	Price
TS200SP	120	56	59	1-1/2 FPT	200	2	6.4	3.2	500	Call
TS300SP	120	56	59	2 FPT	300	2	6.4	3.2	525	Call
TS500SP	120	56	59	3 FPT	400	3	9.4	4.5	575	Call
TS600SP	120	56	59	4 FPT	600	3	9.4	4.5	590	Call

CHILLER CONTROL SYSTEMS

Drake chillers would like to introduce the new ChillerGuard™ internet interface device. You can now access your chiller online, without the hassle of accessing a roof top, or braving bad weather conditions. ChillerGuard™ gives you complete chiller control, as well as downloading and graphing features of fluid temperatures and refrigerant pressures into a spreadsheet for review. ChillerGuard™ monitors all alarm and warning set points and will email up to 3 people in the event of a potential issue or system failure. Maintenance and troubleshooting are easy with ChillerGuard™ monitoring your equipment. ChillerGuard™ offers peace of mind knowing your investment is well protected.

Part No.	Description	Price
D500-859	Remote Alarm/Control for New Drake Chillers (Option to Buy with New Chiller)	Call
D500-860	Remote Alarm/Control for Drake Chillers Already in the Field	

BRAZED PLATE EVAPORATORS

SINGLE CIRCUIT



Alfa Laval AC brazed plate heat exchangers provide efficient heat transfer with a small footprint.

Applications
- Evaporator
- Condenser
- Cascade systems

Benefits
- Self-cleaning
- Low level of service and maintenance
- All units are pressure and leak tested
- Gasket free

FRAME SIZE 12.4" H X 3" W

Part No.	TR	Depth (in)	Refrigerant Inlet	Refrigerant Outlet	Water Inlet/Outlet	Ship Wgt (lbs)	Price
ACH18-10H R53	0.5	1.2	3/8	5/8	5/8	4.2	Call

FRAME SIZE 13" H X 4" W

Part No.	TR	Depth (in)	Refrigerant Inlet	Refrigerant Outlet	Water Inlet/Outlet	Ship Wgt (lbs)	Price
ACH-30EQ-10H R52	1	0.9	3/8	7/8	7/8	4.2	Call
ACH-30EQ-20H R52	2	1.5	3/8	7/8	7/8	6.2	Call
ACH-30EQ-30H S09	3.5	2.1	1/2	7/8	7/8	8.2	Call
ACH-30EQ-40H S09	5	2.7	1/2	7/8	7/8	10.2	Call
ACH-30EQ-50H S21	6	3.3	5/8	1-1/8	1-1/8	12.2	Call
ACH-30EQ-60H S21	7.5	3.9	5/8	1-1/8	1-1/8	14.2	Call

FRAME SIZE 21" H X 4.5" W

Part No.	TR	Depth (in)	Refrigerant Inlet	Refrigerant Outlet	Water Inlet/Outlet	Ship Wgt (lbs)	Price
ACH-70X-14M S21	3	1.7	5/8	1-1/8	1-1/8	11.3	Call
ACH-70X-18M S21	4	2.1	5/8	1-1/8	1-1/8	13	Call
ACH-70X-22M S21	5	2.4	5/8	1-1/8	1-1/8	13.3	Call
ACH-70X-26M S21	6	2.8	5/8	1-1/8	1-1/8	14.9	Call
ACH-70X-32M S21	7.5	3.3	5/8	1-1/8	1-1/8	15.3	Call
ACH-70X-42M S24	10	4.2	5/8	1-3/8	1-1/8	21.3	Call
ACH-70X-50M S24	12	5	5/8	1-3/8	1-1/8	24.5	Call
ACH-70X-62M S25	15	6.1	5/8	1-3/8	1-1/8	29.3	Call
ACH-70X-78M R49	20	7.5	7/8	1-3/8	1-3/8	35.7	Call
ACH-70X-90M R49	23	8.6	7/8	1-3/8	1-3/8	40.5	Call
ACH-70X-100M R49	25	10.4	7/8	1-3/8	1-3/8	42.4	Call

FRAME SIZE 24.5" H X 8" W

Part No.	TR	Depth (in)	Refrigerant Inlet	Refrigerant Outlet	Water Inlet/Outlet	Ship Wgt (lbs)	Price
ACH220EQ-30AM	15	3.3	7/8	2-1/8	2-1/8	45.9	Call
ACH220EQ-44AM	25	4.7	1-1/8	2-1/8	2-1/8	61.4	Call
ACH220EQ-56AM	30	6.1	1-1/8	2-1/8	2-1/8	75	Call
ACH220EQ-70AM	40	7.6	1-1/8	2-1/8	2-1/8	90.5	Call
ACH220EQ-86AM	45	8.9	1-1/8	2-1/8	2-1/8	104.1	Call
ACH220EQ-100AM	50	10.4	1-1/8	2-1/8	2-1/8	119.6	Call
ACH220EQ-116AM	60	12.1	1-1/8	2-1/8	2-1/8	137.1	Call
ACH220EQ-140AM	70	14.3	1-1/8	2-1/8	2-1/8	159.4	Call
ACH220EQ-168AM	75	17.1	1-3/8	2-1/8	2-1/8	188.5	Call

FRAME SIZE 29" H X 13" W (w/feet)

Part No.	TR	Depth (in)	Refrigerant Inlet	Refrigerant Outlet	Water Inlet/Outlet	Ship Wgt (lbs)	Price
ACH-500EQ-70H Y55	50	7.66	1-3/8	2-5/8	3" Victaulic	162.7	Call
ACH-500EQ-80H Y55	60	8.69	1-3/8	2-5/8	3" Victaulic	181.2	Call
ACH-500EQ-100H Y55	75	10.75	1-3/8	2-5/8	3" Victaulic	218.2	Call
ACH-500EQ-130H Y55	100	13.83	1-3/8	2-5/8	3" Victaulic	273.7	Call

CHILLERS

BRAZED PLATE EVAPORATORS

DUAL CIRCUIT



Alfa Laval AC brazed plate heat exchangers provide efficient heat transfer with a small footprint.

Applications
- Evaporator
- Condenser

Benefits
- Self-cleaning
- Low level of service and maintenance
- All units are pressure and leak tested
- Gasket free

FRAME SIZE 19" H X 10" W

Part No.	TR	Depth (in)	Refrigerant Inlet	Refrigerant Outlet	Water Inlet/Outlet	Ship Wgt (lbs)	Price
ACH-230DQ-30H	12.5	3.9	7/8	1-1/8	2"Victaulic	38	Call
ACH-230DQ-50H	20	6.2	7/8	1-3/8	2"Victaulic	56	Call
ACH-230DQ-70H	30	8.6	7/8	1-3/8	2"Victaulic	73	Call
ACH-230DQ-90H	40	10.9	7/8	1-5/8	2-1/2" Victaulic	93	Call
ACH-230DQ-110H	50	13.2	1-1/8	1-5/8	2-1/2" Victaulic	109	Call
ACH-230DQ-138H	60	16.5	1-1/8	2-1/8	2-1/2" Victaulic	134	Call
ACH-230DQ-170H	70	20.2	1-1/8	2-1/8	2-1/2" Victaulic	162	Call
ACH-230DQ-202H	80	23.9	1-1/8	2-1/8	2-1/2" Victaulic	190	Call

FRAME SIZE 29" H X 13" W (w/lifting lugs & feet)

Part No.	TR	Depth (in)	Refrigerant Inlet	Refrigerant Outlet	Water Inlet/Outlet	Ship Wgt (lbs)	Price
ACH-500DQ-110H	100	11.8	1-3/8	2-5/8	3" Victaulic	238	Call
ACH-500DQ-138H	120	14.7	1-3/8	2-5/8	3" Victaulic	290	Call
ACH-500DQ-170H	140	17.9	1-3/8	2-5/8	3" Victaulic	349	Call
ACH-500DQ-190H	150	20	1-3/8	2-5/8	3" Victaulic	386	Call
ACH-500DQ-206H	160	21.6	1-3/8	2-5/8	3" Victaulic	416	Call

SUBCOOLER



Alfa Laval AC brazed plate heat exchangers provide efficient heat transfer with a small footprint.

Applications
- Evaporator
- Condenser
- Cascade systems

Benefits
- Self-cleaning
- Low level of service and maintenance
- All units are pressure and leak tested
- Gasket free

FRAME SIZE 13"H X 4"W

Part No.	TR	Depth (in)	Refrigerant Inlet	Refrigerant Outlet	Water Inlet/Outlet	Ship Wgt (lbs)	Price
ACH-30EQ-10H R52	2	0.9	3/8	7/8	7/8	4.2	Call
ACH-30EQ-20H R52	3	1.5	3/8	7/8	7/8	6.2	Call
ACH-30EQ-30H S09	4	2.1	1/2	7/8	7/8	8.2	Call
ACH-30EQ-40H S09	6	2.7	1/2	7/8	7/8	10.2	Call
ACH-30EQ-50H S21	7	3.3	5/8	1-1/8	1-1/8	12.2	Call
ACH-30EQ-60H S21	8	3.9	5/8	1-1/8	1-1/8	14.2	Call
AC-30EQ-70H S21	10	4.5	5/8	1-1/8	1-1/8	16.4	Call
AC-30EQ-80H S21	12	5.2	5/8	1-1/8	1-1/8	17.7	Call
AC-30EQ-100H S21	15	6.3	5/8	1-1/8	1-1/8	22.3	Call

CHILLERS

SUBCOOLER

FRAME SIZE 21"H X 4.5"W

Part No.	TR	Depth (in)	Refrigerant		Water Inlet/Outlet	Ship Wgt (lbs)	Price
			Inlet	Outlet			
ACH-70X-14M S21	4	1.7	5/8	1-1/8	1-1/8	11.3	Call
ACH-70X-18M S21	5	2.1	5/8	1-1/8	1-1/8	13.0	Call
ACH-70X-22M S21	6	2.4	5/8	1-1/8	1-1/8	13.3	Call
ACH-70X-26M S21	8	2.8	5/8	1-1/8	1-1/8	14.9	Call
ACH-70X-32M S21	10	3.3	5/8	1-1/8	1-1/8	15.3	Call
ACH-70X-42M S24	12	4.2	5/8	1-3/8	1-3/8	21.3	Call
ACH-70X-50M S24	15	5.0	5/8	1-3/8	1-3/8	24.5	Call
ACH-70X-62M S24	20	6.1	7/8	1-3/8	1-3/8	29.3	Call
ACH-70X-78M R49	21	8.6	7/8	1-3/8	1-3/8	35.7	Call
ACH-70X-100M R49	30	10.4	7/8	1-3/8	1-3/8	42.4	Call

FRAME SIZE 24.5"H X 8"W

Part No.	TR	Depth (in)	Refrigerant		Water Inlet/Outlet	Ship Wgt (lbs)	Price
			Inlet	Outlet			
ACH220EQ-30AM	15	3.3	7/8	2-1/8	2-1/8	45.9	Call
ACH220EQ-44AM	25	4.7	1-1/8	2-1/8	2-1/8	61.4	Call
ACH220EQ-56AM	30	6.1	1-1/8	2-1/8	2-1/8	75.0	Call
ACH220EQ-70AM	40	7.6	1-1/8	2-1/8	2-1/8	90.5	Call
ACH220EQ-86AM	45	8.9	1-1/8	2-1/8	2-1/8	104.1	Call
ACH220EQ-100AM	50	10.4	1-1/8	2-1/8	2-1/8	119.6	Call
ACH220EQ-116AM	60	12.1	1-1/8	2-1/8	2-1/8	137.1	Call
ACH220EQ-168AM	85	17.1	1-3/8	2-1/8	2-1/8	188.5	Call

BUILDER KITS

SINGLE CIRCUIT

Part No.	Nom Tons	BHE Model (sold sep)	Dimensions			Kit Wgt (lbs)	Connections			Price
			L	W	H		Liquid	Suction	Water (ids)	
BHEKIT-2-1	2	ACH-30EQ-20H R52	32	24	19	40	3/8	7/8	7/8	Call
BHEKIT-3-1	3.5	ACH-30EQ-30H S09	32	24	19	50	3/8	7/8	7/8	Call
BHEKIT-5-1	5	ACH-30EQ-40H S09	32	24	19	50	3/8	7/8	7/8	Call
BHEKIT-7.5-1	7.5	ACH-30EQ-60H S21	34	25	28	60	5/8	1-1/8	1-1/8	Call
BHEKIT-10-1	10	ACH-70X-42M S24	34	25	28	60	5/8	1-1/8	1-1/8	Call
BHEKIT-15-1	15	ACH-70X-62M S25	34	25	28	75	5/8	2-1/8	1-1/8	Call
BHEKIT-20-1	20	ACH-70X-78M R49	34	25	28	75	7/8	2-1/8	1-3/8	Call
BHEKIT-25-1	5	ACH-120EQ-46H S62	38	31	34	75	7/8	2-1/8	2-1/8	Call
BHEKIT-30-1	30	ACH-120EQ-60H S62	38	31	34	150	1-1/8	2-1/8	2-1/8	Call
BHEKIT-40-1	40	ACH-120EQ-76H S62	38	31	34	165	1-1/8	2-1/8	2-1/8	Call

DUAL CIRCUIT

Part No.	Nom Tons	BHE Model (sold sep)	Dimensions			Kit Wgt (lbs)	Connections			Price
			L	W	H		Liquid	Suction	Water (Victaulic)	
BHEKIT-10-2	10	ACH-230DQ-30H	40	22	30	95	3/8	1-1/8	2	Call
BHEKIT-15-2	15	ACH-230DQ-50H	40	22	30	105	5/8	1-3/8	2	Call
BHEKIT-20-2	20	ACH-230DQ-50H	40	22	30	110	5/8	1-3/8	2	Call
BHEKIT-25-2	5	ACH-230DQ-70H	44	22	32	120	5/8	1-3/8	2	Call
BHEKIT-30-2	30	ACH-230DQ-70H	48	24	32	178	7/8	1-3/8	2	Call
BHEKIT-40-2	40	ACH-230DQ-90H	50	24	32	178	7/8	1-5/8	2 1/2	Call
BHEKIT-50-2	50	ACH-230DQ-110H	53	24	34	187	7/8	1-5/8	2 1/2	Call
BHEKIT-60-2	60	ACH-230DQ-138H	53	24	34	190	1-1/8	2-1/8	2 1/2	Call
BHEKIT-80-2	80	ACH-230DQ-202H	60	26	34	205	1-1/8	2-1/8	2 1/2	Call



NRI

P/T Calculator

- ✓ *Unique system graphics makes temperatures glide and average coil temperature simple to understand*
- ✓ *Performs superheat and subcooling calculations*



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REFRIGERANTS & LUBRICANTS

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REFRIGERANTS & LUBRICANTS

R-12 "REFRIGERATION" RETROFIT BLENDS

R-401A: A blend of R-22, R-152a, and R-124, intended for retrofitting R-12 refrigeration systems. The pressure and system capacity match R-12 when the blend is running in a 10°F to 20°F evaporator, and there is typically an 8°F temperature glide in the evaporator. Applications: direct expansion refrigeration and air conditioning systems designed for R-12 or R-500; good success in any size system, minor adjustment of controls needed. Discharge pressure increases compared to R-12; also slight increase in discharge temperature, however the increases are not as severe as some other retrofit blends. There is a drop in capacity at lower temperatures. R-152a content, an HFC, hurts the miscibility with mineral oil. It is recommended to change some of the oil to alkylbenzene unless the system is small and running at higher evaporator temperatures.

R-401B: Similar to R-401A except higher in R-22 content. This blend has higher capacity at lower temperatures (matches R-12 around -30°F), and also provides a closer match to R-500 at air conditioning temperatures.

R-409A: A blend of R-22, R-142b, and R-124, intended for retrofitting R-12 refrigeration systems. The pressure and system capacity match R-12 when the blend is running in a 10°F to 20°F evaporator, and there is typically 13°F temperature glide in the evaporator. Applications: direct expansion refrigeration and air conditioning systems designed for R-12 or R-500; good success in any size system, minor adjustment of controls needed. Discharge pressure and temperature increases compared to R-12, which may be a problem in very hot ambient conditions. Capacity holds well into lower application temperatures (-30°F). R-409A mixes well with mineral oil down to 0°F. As a result it may not be necessary to change oil in systems which do not run colder than 0°F in the evaporator (below that alkylbenzene should replace some mineral oil).

National Refrigerants, Inc.

Part No.	Container Size Available (Lbs.)	Composition	Molecular Weight	Price
R-401A	30, 125	R-22/R-152a/R-124	94.4	Call
R-401B	30, 125	R-22/R-152a/R-124	92.8	Call
R-409A	30, 125	R-22/124/142b	97.43	Call

TECHNICAL GUIDELINES			
Physical Properties of Refrigerants	**R-401A**	**R-401B**	**R-409A**
(Weight %)	(53 / 13 / 34)	(61 / 11 / 28)	(60 / 25 / 15)
Boiling Point (1 atm, °F)	-29.9	-32.3	-31.8
Critical Pressure (psia)	669	679.1	680.7
Critical Temperature (°F)	221	218.3	224.4
Critical Density (Lb./Ft^3)	30.9	31.1	31.7
Liquid Density (70°F, Lb./Ft.^{3})	74.61	74.6	76.1
Vapor Density (bp, Lb./Ft.^{3})	0.306	0.303	0.313
Heat of Vaporization (bp, BTU/Lb.)	97.5	98.2	94.75
Specific Heat Liquid (70°F, BTU/Lb. °F)	0.3037	0.3027	0.2908
Specific Heat Vapor (1 atm, 70°F, BTU/Lb. °F)	0.1755	0.1725	0.1685
ASHRAE Standard 34 Safety Rating	A1	A1	A1
Temperature Glide (°F)	8	8	13
Pressure/Capacity Match	10°F to 20°F Evap.	-30°F to -20°F Evap.	10°F to 20°F Evap.

R-12 "AUTOMOTIVE" RETROFIT BLENDS

R-414B: A blend of R-22, R-124 and R-142b with hydrocarbon R-600a (isobutane) added to improve oil miscibility and oil return. This blend was developed to retrofit R-12 refrigeration and automotive air conditioning systems as an improvement to R-406A.The pressure and system capacity match R-12 in 30°F to 45°F evaporators, and the discharge pressure and temperature are slightly lower than other refrigeration retrofit blends. The addition of isobutane to this blend slightly improves mineral oil compatibility, especially for high viscosity oils that are used in auto AC.

R-416A: An R-134a based blend, with R-124 to cut pressure, and hydrocarbon R-600 (butane) to improve oil return. This blend matches R-12 pressures at condenser temperatures, and pressures in the evaporator will need to be a few psi lower than R-12 to maintain proper temperature. There is a low temperature glide. Although the blend does not mix with mineral oils, the addition of hydrocarbon thins the oil for satisfactory oil return. Systems will experience a loss of capacity, especially at lower temperatures.

General Provisions for Automotive Retrofit Blends: Automotive air conditioning retrofitting is governed by Section 609 of the Clean Air Act. The specific provisions of this section which apply to automotive AC retrofit blends are 1) you can't top off R-12 with a blend, the original charge must be recovered first, 2) new fittings must be installed on the car which are unique and specific to the blend being used, and 3) when using blends that contain R-22 the system must have nylon barrier hoses installed to prevent leakage.
In stationary refrigeration systems running in high ambient temperatures the use of an automotive blend can relieve problems associated with high discharge pressures, however capacity will suffer compared to R-12, especially as evaporator temperatures get lower.

National Refrigerants, Inc.

Part No.	Container Size Available (Lbs.)	Composition	Molecular Weight	Price
R-414B	25	R-22/124/600a/142b	101.6	Call
R-416A	25, 125	R-134a/600/124	111.9	Call

TECHNICAL GUIDELINES		
Physical Properties of Refrigerants	**R-414B**	**R-416A**
(Weight %)	(50 / 39 /1.5 / 9.5)	(59 / 1.5 / 39.5)
Boiling Point (1 atm, °F)	-29.9	-10
Critical Pressure (psia)	665.4	582
Critical Temperature (°F)	226.4	227
Critical Density (Lb./Ft.^{3})	31.6	32.3
Liquid Density (70°F, Lb./Ft.^{3})	76.02	77.68
Vapor Density (bp, Lb./Ft.^{3})	0.325	0.354
Heat of Vaporization (bp, BTU/Lb.)	91.5	85.51
Specific Heat Liquid (70°F, BTU/Lb. °F)	0.2913	0.3139
Specific Heat Vapor (1 atm, 70°F, BTU/Lb. °F)	0.1723	0.1949
ASHRAE Standard 34 Safety Rating	A1	A1
Temperature Glide (°F)	13	3
Pressure/Capacity Match	30°F to 40°F Evap.	100 °F Condenser

REFRIGERANTS & LUBRICANTS

R-134a

R-134a: An HFC refrigerant with similar properties to R-12. It has become the new industry standard for automotive air conditioning, refrigerator and freezer appliances, and many other self-contained high and medium temperature refrigeration applications.

Application Temperature Range: R-134a performance suffers at lower evaporator temperatures. In general it is not applied at temperatures below -10°F, and it is not necessarily the most economical overall choice in some other applications. Traditional R-12 type applications have adopted several products as alternatives, including R-134a, R-22, R-404A/R-507, and numerous retrofit blends.

Lubrication: R-134a requires polyolester (POE) lubricants, primarily for their ability to mix with HFC refrigerants. Traditional mineral oils and alkylbenzene do not mix with HFCs and will cause compressor failures. In addition, automotive air conditioning systems may also use polyalkylene glycol (PAG) lubricants (not typically seen in stationary equipment). Both POEs and PAGs will absorb moisture, and hold onto it, to a much greater extent than traditional lubricants. The moisture will promote reactions in the lubricant as well as the usual problems associatedwith water (corrosion, acid formation, etc.). The best way to dry a wet HFC system is to use a filter drier – run the system and change the drier – instead of relying on evacuation to clear the water.

Retrofitting Considerations: Equipment built for R-12 will be sized a bit too small compared to equipment built for R-134a. In order to do the same job, an R-134a system will need a larger compressor and larger heat exchangers. As a result, a system that is retrofitted from R-12 to R-134a will have lower capacity (run longer) and will probably develop higher head pressures (not enough condenser area). The lubricant will also need to be flushed and replaced with POE.

NEW! The High Mileage product is for older motor vehicle air conditioners where there may be some performance loss due to aging. The product is a mixture of R-134a and a premium PAG lubricant. The High Mileage formula promotes longer life of the compressor and results in quieter system operation. It also keeps the internal components of the system running cleaner to prevent future loss of performance in older systems.

National Refrigerants, Inc.

Part No.	Container Size Available (Lbs.)	Molecular Weight	Price
R-134a	30, 125 875, 1750, 30 (ACME Fitting)	102.3	Call

TECHNICAL GUIDELINES	
Physical Properties of Refrigerants	**R-134a**
Boiling Point (1 atm, °F)	-14.9
Critical Pressure (psia)	588.3
Critical Temperature (°F)	213.8
Critical Density (Lb./Ft.^{3})	32.04
Liquid Density (70 F, Lb./Ft.^{3})	76.21
Vapor Density (bp, Lb./Ft.^{3})	0.328
Heat of Vaporization (bp, BTU/Lb.)	93.3
Specific Heat Liquid (70°F, BTU/Lb. °F)	0.3366
Specific Heat Vapor (1 atm, 70°F, BTU/Lb. °F)	0.2021
ASHRAE Standard 34 Safety Rating	A1

HIGH MILEAGE ACCESSORIES

COUPLER WITH HOSE



R134a automotive coupler with can valve

NATIONAL REFRIGERATION PRODUCTS

Part No.	Length (In.)	Color	Connections	Price
6035	8.5	Yellow	1/2" Acme	12.50

REFRIGERANTS & LUBRICANTS

CFC REFRIGERANTS

R-11: Used in large, low pressure centrifugal chillers. This type of chiller provides a very large amount of chilled water for air conditioning purposes (office buildings, hotels, etc.) at the lowest operating cost compared to any other type of air conditioning system. R-11 centrifugal chillers operate in a vacuum on the low side. Air which leaks into these systems must be purged, and traditionally this meant that some refrigerant would be lost along with the air. New purge technology and better maintenance practices have reduced R-11 losses in these systems.

R-113: Used in commercial and industrial air conditioning and industrial water chillers. It is typically employed in an R-11 centrifugal chiller to generate less capacity to better match load conditions. It is not possible to use solvent grade 113 for refrigeration purposes because of contaminants or additives used for solvents.

R-114: Used in positive pressure centrifugal chillers for air conditioning and industrial process cooling, as well as for air conditioning in very high ambient temperature conditions. Its very good chemical stability makes it useful in highly corrosive applications, such as for shipboard chillers. Good high temperature stability along with lower vapor pressures make it a good choice for high ambient air conditioning, for example in steel mill cranes.

R-13B1: Used in low and medium temperature applications. It has a low compression ratio allowing it to be used in single-stage compressors at quite low evaporating temperatures.

R-12: Widely used in a variety of applications from small hermetic refrigeration systems up through large, positive pressure chillers. It has been the long-time industry standard for automotive air conditioning, high/medium/low temperature refrigeration, and many other commercial and industrial applications.

National Refrigerants, Inc.

Part No.	Container Size Available (Lbs.)	Molecular Weight	Price
R-11	100, 200, 650	137.4	Call
R-113	100, 200, 650	187.4	Call
R-114	30, 150, 875	170.9	Call
R-13B1	5, 10, 28, 90	148.9	Call
R-12	30, 50, 145, 1000, 2000	120.9	Call

TECHNICAL GUIDELINES					
Physical Properties of Refrigerants	**R-11**	**R-113**	**R-114**	**R-13B1**	**R-12**
Boiling Point (1 atm, °F)	74.7	117.7	38.6	-72	-21.6
Critical Pressure (psia)	639.3	495	472.4	575	600
Critical Temperature (°F)	388	417	294.2	152.6	233.5
Critical Density (Lb./Ft.3)	34.6	—	36.2	46.5	35.3
Liquid Density (70°F, Lb./Ft.3)	92.73	98.26	91.18	96.01	82.96
Vapor Density (bp, Lb./Ft.3)	0.365	0.4649	0.489	0.544	0.393
Heat of Vaporization (bp, BTU/Lb.)	77.9	63.1	53.8	51.08	71.2
Specific Heat Liquid (70°F, BTU/Lb. °F)	0.2093	0.22	0.2282	0.208	0.2324
Specific Heat Vapor (1 atm, 70°F, BTU/Lb. °F)	0.1444 (Sat.)	0.15	0.1663	0.112	0.1455
ASHRAE Standard 34 Safety Rating	A1	A1	A1	A1	A1

HCFC REFRIGERANTS

R-22: The dominant refrigerant in residential and commercial air conditioning and some very large centrifugal chillers for air conditioning and industrial process cooling. It has also been used more in refrigeration since the phase out of CFCs, both as a pure refrigerant and in blends. R-22 is subject to phase out in new equipment in 2010 and production ends in 2020.

R-123: Replaced R-11 in low pressure centrifugal chillers. New R-123 equipment has been engineered with the correct materials of construction and sized properly for the intended job. Retrofitting existing R-11 chillers to R-123 may require replacement of seals, gaskets, and other system components to obtain the correct operation conditions and prevent leaks. The ASHRAE safety rating for R-123 is B1, which indicates that lower levels for personal exposure are allowed in normal daily operation and service conditions. Extra precautions and machinery room requirements must be observed (specific requirements are spelled out in ASHRAE Standard 15, Safety Code for Mechanical Refrigeration).

R-124: Used in refrigeration blends, primarily those used for R-12 type applications. Also used by itself to replace R-114 in chillers or high ambient air conditioning applications, and for sterilant gas formulations.

National Refrigerants, Inc.

Part No.	Container Size Available (Lbs.)	Molecular Weight	Price
R-22	15, 30, 50, 125, 875, 1750, 30 Returnable	86.5	Call
R-123	100, 200 (Drums or Cylinders), 650	152.9	Call
R-124	30, 145	136.5	Call

TECHNICAL GUIDELINES			
Physical Properties of Refrigerants	**R-22**	**R-123**	**R-124**
Boiling Point (1 atm, °F)	-41.5	82.1	10.34
Critical Pressure (psia)	723.7	531.1	527.1
Critical Temperature (°F)	205.1	362.6	252.45
Critical Density (Lb./Ft.3)	32.7	34.3	34.57
Liquid Density (70°F, Lb./Ft.3)	75.27	91.95	85.5
Vapor Density (bp, Lb./Ft.3)	0.294	0.404	0.419
Heat of Vaporization (bp, BTU/Lb.)	100.5	73.2	70.6
Specific Heat Liquid (70°F, BTU/Lb. °F)	0.2967	0.2329	0.265
Specific Heat Vapor (1 atm, 70°F, BTU/Lb. °F)	0.1573	0.1645 (sat.)	0.1762
ASHRAE Standard 34 Safety Rating	A1	B1	A1

REFRIGERANTS & LUBRICANTS

R-22 ALTERNATIVES

R-407A: A blend of R32, R125 and R134a that has very similar properties to R22 in low and medium temperature refrigeration applications. The discharge temperature is slightly lower than R22; while reducing the need for compressor heat protection such as liquid injection. R407A has an 8°F temperature glide that should not pose any operation related problems for a typical system, however requires the refrigerant to be charged as liquid.

R-407C: A blend of R-32, R-125, and R-134a that has very similar properties to R-22 in air conditioning equipment. There is a slight decrease in capacity and efficiency, however R-407C can be used in essentially the same equipment to perform the same job with only minor engineering modifications. With the timing of the phaseout of R-22, it is expected that plenty of service refrigerant will be available for existing equipment until it is replaced, and widespread retrofitting of R-22 air conditioners will not be necessary. R-407C has a 10°F temperature glide, which should not pose any operation related problems for a typical system, however there will be leakage/service issues regarding the fractionation potential of the blend.

R-410A: A blend of R-32 and R-125 which nearly forms an azeotrope, and therefore has extremely low temperature glide and almost no fractionation potential. This blend has about 60% higher pressure than R-22 in air conditioning applications, and therefore should be used only in new equipment specifically designed to handle the pressure. Systems designed for R-410A will have smaller components (heat exchangers, compressor, etc.) to perform the same cooling job compared to R-22. R-410A will require POE lubricants. Retrofitting R-22 equipment with R410A is not recommended under any circumstances.

R-427A: A blend of R32, R125, R143a and R134a that has very similar Properties to R22 in low and medium temperature refrigeration applications. R427A has the ability to tolerate a high residual amount of original oil in the POE lubricant. R427A has a 13°F temperature glide which should not pose any operation related problems for a typical system, however there will be leakage/service issues regarding fractionation potential of the blend.

National Refrigerants, Inc.

Part No.	Container Size Available (Lbs.)	Composition	Molecular Weight	Price
R-407A	25, 100	R-32/R-125/R-134a	90.1	Call
R-407C	25, 115, 925, 1550	R-32/R-125/R-134a	86.2	Call
R-410A	25, 100, 850	R-32 / R-125	72.6	Call
R-427A	25 110	R-32/R-125/R-143a/R-134a	90.4	Call

TECHNICAL GUIDELINES				
Physical Properties of Refrigerants	**R-407A**	**R-407C**	**R-410A**	**R-427A**
(Weight %)	(20 / 40 / 40)	(23 / 25 / 52)	(50 / 50)	(15 / 25 / 10 / 50)
Boiling Point (1 atm, °F)	-49.9	-43.6	-61	-45.4
Critical Pressure (psia)	658.6	672.1	691.8	638
Critical Temperature (°F)	181	187	158.3	185.5
Critical Density (Lb./Ft.3)	31.4	32	34.5	30.6
Luquid Density (70 F, Lb./Ft^3)	72.60	72.35	67.74	71.9
Vapor Density (bp, Lb/Ft.^{3})	0.305	0.289	0.261	0.300
Heat of Vaporization (bp, BTU/Lb.)	100.8	106.7	116.8	—
Specific Heat Liquid (70°F, BTU/Lb. °F)	0.3554	0.3597	0.3948	0.38
Specific Heat Vapor (1 atm, 70°F, BTU/Lb. °F)	0.1967	0.1987	0.1953	0.201
ASHRAE Standard 34 Safety Rating	A1	A1	A1	A1
Temperature Glide (°F)	8	10	0.2	13

HFC REFRIGERATION BLENDS

R-404A: A blend of R-125, R-143a, and R-134a intended for low and medium temperature refrigeration applications where R-502 was previously used. Most new equipment has been built for R-404A (and R-507 interchangeably). It is also possible to retrofit R-502 systems with R-404A. R-404A has slightly lower pressures than R-507 (from the small amount of R-134a added), and generally both blends have slightly higher pressures than 502. R-404A requires polyester (POE) lubricant, which is usually charged into new equipment. If retrofitting existing equipment the original oil must be flushed and replaced with POE.

R-507: An azeotropic blend of R-125 and R-143a intended for low and medium temperature refrigeration systems. Similar to R-404A in operation, most new equipment has been rated to use either blend. There will be slightly higher pressures and capacity with R-507 compared to R-404A. Retrofit and lubricant comments are similar to those above.

National Refrigerants, Inc.

Part No.	Container Size Available (Lbs.)	Composition	Molecular Weight	Price
R-404A	24, 100, 875, 1300	R-125/143a/134a	97.6	Call
R-507	25, 100, 800, 1400	R-125/143a	98.9	Call

TECHNICAL GUIDELINES		
Physical Properties of Refrigerants	**R-404A**	**R-507**
(Weight %)	(44 / 52 / 4)	(50 / 50)
Boiling Point (1 atm, °F)	-51.8	-52.8
Critical Pressure (psia)	548.2	539
Critical Temperature (°F)	162.5	159
Critical Density (Lb./Ft.3)	35.84	30.7
Liquid Density (70°F, Lb./Ft.3)	66.37	66.65
Vapor Density (bp, Lb./Ft.3)	0.342	0.349
Heat of Vaporization (bp, BTU/Lb.)	86.1	84.35
Specific Heat Liquid (70°F, BTU/Lb. °F)	0.3600	0.3593
Specific Heat Vapor (1 atm, 70°F, BTU/Lb. °F)	0.2077	0.2064
ASHRAE Standard 34 Safety Rating	A1	A1
Temperature Glide (°F)	1.5	0

R-422 HFC REFRIGERATION BLENDS

R-422 Blends: With increased regulatory pressure on leak repair And recordkeeping for HCFC refrigerants, the R-422 series of refrigerants offer an HFC-based retrofit solution that can be used with existing refrigeration oils. Since no single refrigerant blend can replace R-22 in all applications, the R-422 series offers the best range of choices for retrofitting.

R-422A is a low temperature retrofit blend with properties very similar to R-404A. It can directly replace R-502, R-402A/B, R-408A, R-404A and R-507. R-22 low-temp systems can also be retrofitted to R-422A with some component changes (TXVs, for example). With increased regulatory pressure on leakage and recordkeeping of ozone-depleting refrigerants, R-422A offers an HFC-based retrofit solution for R-502 and the HCFC-based low temperature blends.

R-422B (NU-22B) is a retrofit blend from ICOR that is designed To system components need to be changed, nor does the oil need to be flushed, when retrofitting to R-422B. Systems that were previously retrofitted to R-417A (NU-22) can be serviced (topped off) or recharged with R-422B, providing a boost in capacity and run-time properties that more closely match R-22.

R-422C (ONE SHOT-C) is a retrofit blend from ICOR that is intended to be used in low temperature systems. It is similar to R-404A and operates the same as R-422A. It can directly replace R-502, R-402A/B, R-408A, R-404A and R-507.

R-422D is a low and medium temperature retrofit blend for R-22 refrigeration and air conditioning systems. With properties very similar to R-22, components such as TXVs do not need to be changed. In most cases there will also be no need for an oil change, making R-422D the most economical retrofit solution for R-22 refrigeration systems. Because R-422D has a lower discharge temperature, most low temp R-22 systems will no longer engage the liquid injection module. This will result in significant savings in energy use and a boost in capacity compared to running with R-22 match R-22 in air conditioning and refrigeration applications. No

National Refrigerants, Inc.

Part No.	Container Size Available (Lbs.)	Composition	Molecular Weight	Price
R-422A	24, 100, 120	R-125/134a/600a	113.6	Call
R-422B	25, 110	R-125/134a/600a	108.5	Call
R-422C	24, 100	R-125/134a/600a	113.5	Call
R-422D	25, 110	R-125/134a/600a	109.9	Call

TECHNICAL GUIDELINES				
Physical Properties of Refrigerants	**R-422A**	**R-422B**	**R-422C**	**R-422D**
(Weight %)	(85.1/ 11.5/3.4)	(55/ 42/3)	(82/15/3)	(65.1/ 31.5/3.4)
Boiling Point (1 atm, °F)	-55.6	-40.5	-50.7	-45.76
Critical Pressure (psia)	543.7	574	547.7	566.22
Critical Temperature (°F)	161.2	181.2	163.5	175.2
Critical Density (Lb./Ft.^{3})	33.6	32.9	33.7	33.008
Liquid Density (70°F, Lb./Ft.^{3})	72.03	73.3	72.5	70.87
Vapor Density (bp, Lb./Ft.^{3})	0.356	0.2959	0.39	0.30
Heat of Vaporization (bp, BTU/Lb.)	76.8	80.5	77.2	81.78
Specific Heat Liquid (70°F, BTU/Lb. °F)	—	—	—	0.35
Specific Heat Vapor (1 atm, 70°F, BTU/Lb. °F)	—	—	—	0.2
ASHRAE Standard 34 Safety Rating	A1	A1	A1	A1
Temperature Glide (°F)	5	5	5	5

R-502 RETROFIT BLENDS

R-402A: A blend of R-22 and R-125 with hydrocarbon R-290 (propane) included to improve mineral oil compatibility. This Blend is formulated to match R-502 in evaporator temperature Ranges and does not significantly increase discharge temperature In R-502 retrofit situations. Discharge pressure, however, can increase from 25 to 40 psi over pressures seen with R-502. Although the propane was added to improve oil circulation, it is still recommended that some mineral oil be removed and replaced with alkylbenzene.

R-402B: Similar components to R-402A but contains more R-22 And less R-125. This lowers the discharge pressure closer to R-502, however the discharge temperature increases compared to R-502. This is a benefit in ice machines, where the blend is primarily used, because it improves harvest times. Although propane will improve oil circulation, it is still recommended that some mineral oil be replaced with alkylbenzene.

R-408A: A blend of R-22 and R-143a and R-125 intended for retrofitting R-502 refrigeration systems. This blend has the closest pressure/temperature match to R-502 across the whole operating range of temperatures. One study suggests higher energy efficiency after retrofit compared to running with R-502. Discharge temperature will increase; however, in most applications this will not impact system perfomance or long term reliability. In severe duty applications, such as transport refrigeration into hot climates, this blend may not be recommended by the OEM.

National Refrigerants, Inc.

Part No.	Container Size Available (Lbs.)	Composition	Molecular Weight	Price
R-402A	27, 110	R-125/290/22	101.55	Call
R-402B	13	R-125/290/22	94.7	Call
R-408A	24, 100	R-125/143a/22	87	Call

TECHNICAL GUIDELINES			
Physical Properties of Refrigerants	**R-402A**	**R-402B**	**R-408A**
(Weight %)	(60 / 2 / 38)	(38 / 2 / 60)	(7 / 46 / 47)
Boiling Point (1 atm, °F)	-56.5	-52.9	-49.8
Critical Pressure (psia)	600	645	641.6
Critical Temperature (°F)	168	180.7	182
Critical Density (Lb./Ft.3)	33.8	33.1	30
Liquid Density (70 F, Lb./Ft.3)	72.61	72.81	66.9
Vapor Density (bp, Lb./Ft.3)	0.356	0.328	0.303
Heat of Vaporization (bp, BTU/Lb.)	83.58	90.42	96.74
Specific Heat Liquid (70°F, BTU/Lb. °F)	0.3254	0.317	0.3416
Specific Heat Vapor (1 atm, 70°F, BTU/Lb. °F)	0.1811	0.1741	0.1901
ASHRAE Standard 34 Safety Rating	A1	A1	A1
Temperature Glide (°F)	2.5	2.5	1

CFC AZEOTROPES

AZEOTROPE: a mixture of two or more refrigerants in which the liquid and vapor have same composition at equilibrium. In addition, the resulting pressure of the mixture is either higher or lower than the pressure of any of the components. Azeotropes behave like pure component refrigerants because there is no change in boiling temperature or shift in composition during phase change, equipment operation, or leakage.

R-500: Designed to be a "higher capacity" R-12 type refrigerant, R-500 found some use in air conditioning and dehumidifier equipment and in positive pressure centrifugal chillers.

R-502: Developed for use in low temperature refrigeration (the evaporator pressure stays out of vacuum down to -40°F). R-502 offers lower discharge temperature and improved capacity compared to R-22. Commercial refrigeration systems can perform low temperature refrigeration in a single stage with relatively inexpensive compressors.

National Refrigerants, Inc.

Part No.	Container Size Available (Lbs.)	Composition	Molecular Weight	Price
R-500	30, 50, 125, 875, 1750	R-12/R-152a	99.3	Call
R-502	30, 50, 125, 875, 1750	R-22/R-115	111.6	Call

TECHNICAL GUIDELINES		
Physical Properties of Refrigerants	**R-500**	**R-502**
(Weight %)	(73.8/26.2)	(48.8/51.2)
Boiling Point (1 atm, °F)	-28.5	-49.5
Critical Pressure (psia)	605.2	582.8
Critical Temperature (°F)	215.8	177.3
Critical Density (Lb./Ft.3)	30.7	35.5
Liquid Density (70°F, Lb./Ft.3)	73	77
Vapor Density (bp, Lb./Ft.3)	0.329	0.388
Heat of Vaporization (bp, BTU/Lb.)	86.4	74.2
Specific Heat Liquid (70°F, BTU/Lb. °F)	0.2782	0.2958
Specific Heat Vapor (1 atm, 70°F, BTU/Lb. °F)	0.1725	0.1641
ASHRAE Standard 34 Safety Rating	A1	A1

REFRIGERANTS & LUBRICANTS

VERY LOW TEMPERATURE CFC REFRIGERANTS

Very low temperature refrigeration systems typically operate in two or more stages (cascade type systems). It would be nearly impossible to achieve low temperatures in a single stage with an inexpensive compressor. The traditional cascade system has a low temperature stage which uses the lower boiling point gas, such as R-13 or R-503, and a high stage which typically uses R-12, R-22, or R-502.

The high stage evaporator provides the correct condensation temperature for the low stage so that compressors in both stages can run at "normal" pressures.

National Refrigerants, Inc.

Part No.	Container Size Available (Lbs.)	Composition	Molecular Weight	Price
R-13	5, 9, 23, 80	pure	104.5	Call
R-503	5, 9, 20, 80	R-23/R-13	82.25	Call

TECHNICAL GUIDELINES		
Physical Properties of Refrigerants	**R-13**	**R-503**
(Weight %)	-	(40.1/59.9)
Boiling Point (1 atm, °F)	-114.3	-125.5
Critical Pressure (psia)	567.8	618.6
Critical Temperature (°F)	84.6	65.2
Critical Density (Lb./Ft.3)	35.9	34.4
Liquid Density (70°F, Lb./Ft.3)	72.7	66.3
Vapor Density (bp, Lb./Ft.3)	0.0432	0.373
Heat of Vaporization (bp, BTU/Lb.)	64.35	77.1
Specific Heat Liquid (70°F, BTU/Lb. °F)	0.2876	0.3774
Specific Heat Vapor (1 atm, 70°F, BTU/Lb. °F)	0.1445	0.1537
ASHRAE Standard 34 Safety Rating	A1	A1

VERY LOW TEMPERATURE ALTERNATIVES

R-23: Used in very low temperature refrigeration systems, typically on the low stage of a multi-stage system. Has properties similar to R-13 and can be used to replace R-13 in an existing system. R-23 has higher discharge temperatures than R-13, however, and equipment which is not designed to take this into account may suffer related failures. Polyolester (POE) lubricants should be used, and it may still be necessary to charge hydrocarbon oil additives to ensure proper oil return. Check with OEM for specific oil and charging recommendations.

R-508B: A blend of R-23 and R-116 intended for very-low-temperature refrigeration systems, typically the low stage of a multi-stage system. R-508B has properties similar to R-503 and can be used to replace either R-13 or R-503 in an existing system. The discharge temperature does not increase significantly compared to R-23. POE lubricants should be used, and it may still be necessary to charge hydrocarbon oil additives to ensure proper oil return. Check with OEM for specific oil and charging recommendations.

R-403B: A blend of R-22 and R-218 with hydrocarbon R-290 (propane) added to improve oil return. Though this product was originally developed as a replacement for R-502, it has come to be used as an alternative for R-13B1 in single-stage, low-temperature systems. The evaporator will operate in a vacuum when the low side temperature is below -55°F. When existing R-13B1 systems are retrofit to R-403B the capillary tube must be replaced with a longer/more restrictive size. Similar lubricants can be used for R-403B, with any additives the manufacturer may recommend

National Refrigerants, Inc.

Part No.	Container Size Available (Lbs.)	Composition	Molecular Weight	Price
R-23	5, 9, 20, 70	pure	70	Call
R-508B	10, 20, 70,	R-23/116	95.4	Call
R-403B	30, 125	R-22/290/218	103.25	Call

TECHNICAL GUIDELINES			
Physical Properties of Refrigerants	**R-23**	**R-508B**	**R-403B**
(Weight %)	-	(46 / 54)	(56 / 5 / 39)
Boiling Point (1 atm, °F)	-115.6	-125.3	-46.8
Critical Pressure (psia)	701.4	556.1	637.7
Critical Temperature (°F)	78.7	53.7	191.6
Critical Density (Lb./Ft.3)	32.8	35.6	32.6
Liquid Density (20 F, Lb./Ft.3)	67.46	65.63	72.8 (70F)
Vapor Density (bp, Lb./Ft.3)	0.29	0.409	0.35
Heat of Vaporization (bp, BTU/Lb.)	102.7	71.4	82.1
Specific Heat Liquid (20°F, BTU/Lb. °F)	0.4162	0.4263	0.313 (70F)
Specific Heat Vapor (20°F, BTU/Lb. °F)	0.1663	0.1701	0.182 (70F)
ASHRAE Standard 34 Safety Rating	A1	A1	A1

HYDROCARBONS FOR VERY LOW TEMPERATURE SYSTEMS

The low stage of a cascade system typically operates below -80°F. At these temperatures, standard refrigeration oils may begin to gum-up and lose their ability to flow around the system. Systems that run short periods of time, or cycle through warmer temperatures, may be able to keep the oil returning to the compressor; however, systems that run longer stretches of time at cold temperatures need to add hydrocarbons to thin the oil and provide consistent oil return. In some cases, the hydrocarbons are used as the low stage refrigerant. National provides a variety of hydrocarbons in small quantities to be used for addition to very low temperature systems. Larger quantities can be specially ordered.

National Refrigerants, Inc.

Part No.	Description	Container Size	Price
004R1150	R-1150 (Ethylene)	4 Oz.	Call
004R170	R-170 (Ethane)	4 Oz.	Call
014R290	R-290 (Propane)	14 Oz.	73.42
016R600	R-600 (n-Butane)	16 Oz.	Call
016R600A	R-600a (iso-Butane)	16 Oz.	Call
016RPENTANE	Pentane, Liquid	16 Oz.	240.00
3R170	R-170 (Ethane)	3 Lbs.	Call

REFRIGERANTS

ANALYTICAL TESTING SERVICE



Refrigerant: Testing to AHRI Standard 700 specifications.
Refrigeration Oil: Testing oil quality as indication of system performance.
Halon Testing: Testing to Military/ASTM/Government 1301/1211/1202 specifications.
National Refrigerants, Inc. analytical testing service offers easy-to-use sample kits for:

- Refrigerant
- Halon
- Refrigeration Oil
- Specialty Testing

Sampling Kit features:

- Easy-to-use disposable sample cylinders
- High-pressure sample cylinder rated to 400 psig suitable for most alternative refrigerants and blends
- Instructions included for proper sampling procedures
- All analysis forms and necessary DOT labeling included
- All analysis reports are returned with written commentary and recommendations
- Same day results available upon request for additional fee
- Sample cylinders available for very high pressure (VHP) refrigerant

REFRIGERANTS

Testing liquid phase to AHRI 700 specifications for fluorocarbon refrigerants for one or more of the following:

- Identification (Infrared Spectroscopy)
- Moisture
- Acidity
- High Boiling Residue/Oil Content
- Particulates/Solids
- Purity (Gas Chromatography)
- Chloride

NRIHPN does not include prepaid shipping

National Refrigerants, Inc.

Part No.	Description	Price
NRIHPN	High Pressure Refrigerant Analysis	210.00
NRILP	Low Pressure Refrigerant Analysis	240.00

LUBRICANTS

Testing of lubricant for one or more of the following:

- Identification (Infrared Spectroscopy)
- Moisture
- Appearance
- Acidity
- Viscosity
- Wear Metals
- Residual Mineral Oil (as requested)
- Fluoride, Chloride and Conductivity (as requested, extra cost)

National Refrigerants, Inc.

Part No.	Description	Price
NRIOA	Oil Analysis	88.00

HALONS

Testing to Military/ASTM/Government 1302/1211 specifications.

Property	Methodology
Purity	Pack/Cap Col. GC, FID, GC-MS
Other Halocarbons	Pack/Cap Col. GC, FID, GC-MS
Water	KF Coulometric Titration
Halogen Ion	Ag+ Qualitative/Visual
Non-Absorbable Gas	Packed Col. GC T/C Detector
High Boiling Imps. g/100ml	Evaporation/Gravimetric
Suspended Matter with Test for HBI	Visual Observation, Combined
Acidity Titration	Non-Aqueous Extraction/Base
Color	APHA Color Comparison
Free Halogen	Iodimetry/S2O2 = Titration

REFRIGERANT RECOVERY

EZ ONE-SHOT™



EZ ONE-SHOT™ cylinders use DOT-39 disposable cylinder technology to provide an inexpensive, lightweight cylinder for use in one-time fill recovery situations. One-time fill means that once refrigerant has been put into the cylinder and then removed, the cylinder may no longer be used for further recovery operations. It must be scrapped or disposed of properly. Recovering refrigerant with an EZ ONE-SHOT™ recovery cylinder is considered the first filling operation. Recovery from several units, one after the other, until the cylinder is full represents one filling operation (for example, a dedicated shop machine).

EZ ONE-SHOT™ recovery cylinders are subject to the same regulations as the "disposable" refrigerant cylinder refrigerant is supplied in. Federal law forbids transportation if REFILLED. Federal law also requires that cylinders be filled and transported in the box provided. Penalty up to $500,000 fine and 5 year's imprisonment (49 U.S.C. 5124).

Applications for the EZ ONE-SHOT™

- Temporary storage receiver (where policy demands a clean cylinder for each job)
- Single recovery job where gas will need to be returned or stored.
- Dedicated shop machines.
- Download everyday cylinder to return refrigerant.

There are many situations in which you will still need your traditional recovery cylinders. The EZ ONE-SHOT™ cylinder will complement, but not replace, your current recovery cylinder program.

Applications where EZ ONE-SHOT™ should NOT be used:

- Multiple small jobs at different locations or at different times — back flow prevention valves will not allow additional recovery after the valves have been closed.
- "Everyday" service (can't be filled more than once).

National Refrigerants, Inc.

Part No.	Description	Price
DC30	30 Lb. Disposable Reclaim Cylinder	40.00

REFRIGERANTS

IDENTIFICATION LABEL

RECOVERED REFRIGERANT, LARGE



Meets DOT requirements for transporting refrigerants. All recovered refrigerant labels are designated with color code and shipping classification.
Measures 5" x 10 1/2"

NATIONAL REFRIGERATION PRODUCTS

Part No.	Refrigerant	Package Qty.	Price
NL22	R22	5	Call

RECOVERED REFRIGERANT, SMALL



- Measures 3" x 4"

NATIONAL REFRIGERATION PRODUCTS

Part No.	Refrigerant	Package Qty.	Price
NR134A	10	R134A	Call
NR22	10	R22	Call

EQUIPMENT CONTENTS IDENTIFICATION



- Measures 2" x 4"

NATIONAL REFRIGERATION PRODUCTS

Part No.	Refrigerant	Package Qty.	Price
NRE134A	R134A	5	13.20
NRE402A	R402A	5	13.20
NRE404A	R404A	5	13.20
NRE407A	R407A	5	Call
NRE407C	R407C	5	13.20
NRE409A	R409A	5	12.08
NRE410A	R410A	5	13.20
NRE422B	R422B	5	5.70
NRE422D	R422D	5	Call
NRE507	R507	5	12.52

LUBRICANTS

OIL

POLYOLESTER OIL, SOLEST



National Refrigerants is now supplying several Solest lubricants. The Solest products are high quality polyol ester synthetic lubricants designed for use with air conditioning and industrial refrigeration compressors. They extend the viscosity range of the current National line. They are excellent choices for initial fill, service and retrofit applications.

- Solest LT32: specifically designed for very low temperature applications. Good miscibiltiy with R404A eliminating the need for 2 different lubricants in a cascade system. Equivalent to York K
- Solest 46: Used in centrifugal, reciprocating and rotary vane compressors. Equivalent to York J
- Solest 68: Used in a wide variety of compressor units. Equivalent to York H, Trane 37, Frick 16
- Solest 100: Mostly used in scroll and screw compressors. Equivalent to York S
- Solest 120: Provides good oil return in screw app. Equivalent to York L
- Solest 150, 170: Used mainly in Bitzer and Carlyle screw application. Equivalent to York P
- Solest 220: Mostly used in large screw type applications with R134a. Equivalent to Castrol SW220
- CP-4214-320: A complex ester lubricant that cannot be used with HFC refrigerants. It provides good oil return in screw type applications with R22. Equivalent to York G
- Solest 370: Used mostly in screw type applications with HFC refrigerants

Part No.	Viscosity (ISO)	Container Size	Price
SOLEST1701G	170	1 Gal.	125.24

VACUUM PUMP OIL



Black Gold Vacuum Pump Oil is the Gold Standard in Vacuum pump care. For use in any vacuum pump, Black Gold is extremely pure and nondetergent.

Part No.	Container Size	Case Qty.*	Price
DVO12	1 Qt.	1	9.64
DVO24	1 Gal.	1	30.14

VACUUM PUMP OIL



- Premium synthetic blend vacuum pump oil improves vacuum pump performance
- Hydrophobic formula repels moisture, stays dry even after exposure to humid environments
- Ultra-low vapor pressure (<1 micron)

APPION

Part No.	Container Size	Price
TZMGLN	1 Gal.	43.32
TZM1PK	Oil Cartridge	14.00

LUBRICANTS

OIL

OILER



- Zoom telescoping spout
- 12 containers per case
- 4 fluid oz. container

NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
DO1	Turbine Oiler	2.30
DR1	Rust Buster	2.10

MINERAL OIL



- Low wax content
- Chemically and thermally stable
- Low pour point
- Napthenic mineral oil

Part No.	Viscosity	Container Size	Case Qty.*	Price
1501G	150 SUS	1 Gal.	6	37.36
3001G	300 SUS	1 Gal.	6	38.04
3005G	300 SUS	5 Gal.	1	186.70

ALKYLBENZENE OIL



High quality synthetic alkylbenzene refrigerant oil. Excellent miscibility and compatibility with all CFC and HCFC refrigerants. The new AB 200R is approved by Copeland for HCFC retrofit jobs.

Part No.	Viscosity	Container Size	Case Qty.*	Price
150AKB1G	150 SUS	1 Gal.	6	62.66
200AKB1G	200 SUS	1 Gal.	6	64.76
300AKB1G	300 SUS	1 Gal.	6	81.26

POLYOLESTER OIL



Designed specifically for HFC refrigerants but miscibile and compatible with all fluorocarbon refrigerants, mineral and alkylbenzene lubricants. Packaged in metal containers.

Part No.	Viscosity	Container Size	Case Qty.*	Price
PE321Q	32 (150 SUS)	1 Qt.	12	37.56
PE321G	32 (150 SUS)	1 Gal.	6	112.80
PE681G	68 (300 SUS)	1 Gal.	6	127.48

POLYOL ESTER OIL



COPELAND

Part No.	Container Size	Price
998E02200	1 Qt.	32.17
998E02201	1 Gal.	99.72

SPRAY LUBRICANT

WD40



Known as "the can with a thousand uses," WD-40 protects metal from rust and corrosion, penetrates stuck parts, displaces moisture, and lubricates just about anything. WD-40 is also great when it comes to cleaning grease, grime, and other marks from most surfaces.

- Gets under dirt, grime and grease to clean. It also dissolves adhesives, allowing easy removal of labels, tape, stickers, and excess bonding material.
- Because WD-40 displaces moisture, it quickly dries out electrical systems to eliminate moisture-induced short circuits.
- Loosens rust-to-metal bonds and frees stuck, frozen or rusted metal parts.
- Lubricating ingredients are widely dispersed and hold firmly to all moving parts.
- Protects metal surfaces with corrosion-resistant ingredients to shield against moisture and other corrosive elements.

Part No.	Description	Container Size	Price
M79037	WD40® Smart Straw	12 oz	11.25

AEROKROIL



The oil that creeps and loosens frozen metal parts. Dissolves gum, dried grease, and oil -- without attacking the metal. Displaces water, provides lubrication and prevents rust.

KANO

Part No.	Description	Price
AK12	Aerokroil oiler	18.13
PAK17	Aerokroil oiler	22.74

GREASE

FOOD GRADE SILICONE GREASE



The lubricant of choice for use in food equipment, water fixtures and heat generating appliances. Use in places where petroleum oils are inadequate or not desirable.

REFRIGERATION TECHNOLOGIES

Part No.	Description	Container Size	Price
RT910T	Food Grade Silicone Grease	3 Oz.	11.80

LUBRICANTS

COMPRESSOR LUBRICATION

CANVERTER®



A hand-held pump used to remove oil from and add oil to hermetic compressors.

Nu-Calgon

Part No.	Description	Price
48140	Hand Oil Pump	142.78

CONTAMINATION ANALYSIS

GLYCOMETER™



An accurate and economical tool for ensuring proper levels of glycol treatment in HVAC fluid systems. Removes guess work and prevents wasteful over-treatment. All Glycometers™ have metal body with cushioned eyepiece, focus adjustment, and a rubber hand grip. Included with each is a calibration screwdriver and calibration fluid, a plastic pipette, optical cleaning cloth, and a rugged carrying case.

Clen4ir

Part No.	Temperature Range (°F)	Price
GLY32	-60 to 32	166.14



YOUR VIRTUAL AIRECO BRANCH FROM THE COMFORT OF YOUR COMPUTER 24 HOURS A DAY.

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Sale Items
Easily view and search Aireco's sales items located under the Shopping List section for easy access to products featured in seasonal promotions.

Questions?
Email: onlinestore@aireco.com

SHOPAIRECO.COM

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ICE MACHINES & REFRIGERATED FOOD SERVICE

MODULAR ICE MACHINE

INDIGO SERIES



- Monitors, collects, and records information.
- Built-in asset management offers alerts, schedules ice production, and monitors energy and water consumption.
- IceConnect™ USB and RS485 communication ports transmit ice production, energy usage, water usage, and service data allowing for asset management from across the room or the country.
- LuminIce® Growth Inhibitor is an available accessory that creates "active air" by recirculating the air inside the ice machine foodzone over a UV light. This "active air" passes over all exposed foodzone components to inhibit the growth of yeast, bacteria, and other common micro-organisms.
- Alpha San® antimicrobial protection is molded into select foodzone plastic components including the water distribution tube, evaporator frame, and ice and water probes.
- Customizable ice making schedule allows for fluctuations in daily levels of production, saving energy by making only the amount of ice you need, when you need it. Ice production levels can be scheduled by day-of-week or time-of-day to take advantage of lower nighttime energy rates.
- Patented Air-assist Harvest Technology speeds the ice harvest cycle by forcing air between the evaporator and the ice sheet. Faster ice cycles lower overall energy use for the same amount of ice produced.
- Quick, reliable diagnosis of an ice machine is essential to keep operations running smoothly. Manitowoc's Indigo gathers information 24 hours a day. This collection of real-time data enables quick and accurate diagnosis of any problem.
- Firmware functional upgrades are easily made through the control board USB port.

I322 SERIES-22" WIDTH

- Head only, suggested bin B320 or B420
- Overall dimension: 22"W x 24-1/2"D x 21-1/2"H
- Not stackable
- Air cooled models are ENERGY STAR® qualified

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Voltage	Ship Wgt. (Lbs.)	Price
ID0322A	Air	Dice	225	115/1/60	133	5735.00
IY0324A	Air	Half Dice	230	115/1/60	135	5735.00
ID0323W	Water	Dice	270	115/1/60	136	6022.00
IY0325W	Water	Half Dice	290	115/1/60	137	6022.00

I522 SERIES-22" WIDTH

- Head only, suggested bin B320 or B420
- Overall dimension: 22"W x 24-1/2"D x 21-1/2"H
- Not stackable
- Air cooled models are ENERGY STAR® qualified

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Voltage	Ship Wgt. (Lbs.)	Price
ID0522A	Air	Dice	325	115/1/60	153	6012.00
IY0524A	Air	Half Dice	340	115/1/60	139	6012.00
ID0523W	Water	Dice	375	115/1/60	139	6313.00
IY0525W	Water	Half Dice	395	115/1/60	140	6313.00

I300 SERIES-30" WIDTH

- Head only, suggested bin B400
- Overall dimension: 30" Wide x 24-1/2" Deep x 16-1/2" High
- Not stackable
- Air cooled models are ENERGY STAR® qualified

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Voltage	Ship Wgt. (Lbs.)	Price
ID0302A	Air	Dice	225	115/1/60	149	5457.00
IY0304A	Air	Half Dice	235	115/1/60	149	5532.00
ID0303W	Water	Dice	260	115/1/60	151	5730.00
IY0305W	Water	Half Dice	260	115/1/60	151	5730.00

I450 SERIES-30" WIDTH

- Head only, suggested bin B400, B570
- Overall dimension: 30"W x 24-1/2"D x 21-1/2"H
- Non stackable
- Air cooled models are ENERGY STAR® qualified

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Voltage	Ship Wgt. (Lbs.)	Price
ID0452A	Air	Dice	320	115/1/60	167	6103.00
IY0454A	Air	Half Dice	365	115/1/60	170	6103.00
ID0453W	Water	Dice	360	115/1/60	170	6408.00
IY0455W	Water	Half Dice	360	115/1/60	171	6408.00

I500 SERIES-30" WIDTH

- Head only, suggested bin B400, B570 or F700
- Overall dimension: 30"W x 24-1/2"D x 21-1/2"H
- Non stackable
- Air cooled and remote air models are ENERGY STAR® qualified

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Voltage	Ship Wgt. (Lbs.)	Price
ID0502A	Air	Dice	390	115/1/60	178	6335.00
IY0504A	Air	Half Dice	410	115/1/60	180	6335.00
ID0592N	Remote Air	Dice	430	115/1/60	180	6249.00
IY0594N	Remote Air	Half Dice	440	115/1/60	181	6189.00
ID0503W	Water	Dice	430	115/1/60	180	6652.00
IY0505W	Water	Half Dice	440	115/1/60	181	6652.00

I600 SERIES-30" WIDTH, NOT STACKABLE

- Head only, suggested bin B400, B570 or B750
- Overall dimension: 30"W x 24 1/2"D x 21 1/2"H

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Voltage	Ship Wgt. (Lbs.)	Price
ID0606A	Air	Dice	475	208-230/1/60	207	7389.00
IY0606A	Air	Half Dice	500	208-230/1/60	208	7389.00
ID0696N	Remote Air	Dice	520	208-230/1/60	207	7242.00
IY0696N	Remote Air	Half Dice	545	208-230/1/60	209	7242.00
ID0606W	Water	Dice	560	208-230/1/60	209	7759.00
IY0606W	Water	Half Dice	610	208-230/1/60	210	7759.00

Remote Air machines require condenser and line set

INDIGO® NXT

The next generation ice machine



EXPERIENCE THE NEXT LEVEL OF

SIMPLICITY
New icon-based easyTouch display with clear status indicators

SANITATION
One touch cleaning and easy to access front facing evaporator

ENERGY EFFICIENCY
Exceeding 2018 DOE (Department of Energy) Standards

RELIABILITY
Convenient tamper proof lock and programable to sleep when guests do

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Proud Wholesale Distributor

Contact your Aireco sales representative or branch location to learn more.

ICE MACHINES & REFRIGERATED FOOD SERVICE

MODULAR ICE MACHINE

I900 SERIES-30" WIDTH

- Head only, suggested bin B570, B970, F1300
- Overall dimension: 30"W x 24-1/2"D x 26-1/2"H
- Voltage: 208-230/60 (single and 3 phase)
- Half dice air cooled and remote air models are ENERGY STAR® qualified

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Ship Wgt. (Lbs.)	Price
ID0906A	Air	Dice	575	232	8952.00
IY0906A	Air	Half Dice	650	234	8952.00
ID0996N	Remote Air	Dice	610	235	8813.00
IY0996N	Remote Air	Half Dice	645	240	8813.00
ID-0906W	Water	Dice	640	232	9399.00
IY0906W	Water	Half Dice	730	234	8953.00

I1106 SERIES-30" WIDTH

- Head only, suggested bin B570, C730S, B970, F Series
- Overall dimension: 30"W x 24-1/2"D x 26-1/2"H
- Voltage: 208-230/60 (single and 3 phase)
- Air cooled and remote air models are ENERGY STAR® qualified

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (lbs./Day)	Ship Wgt. (lbs.)	Price
ID1106A	Air	Dice	1141	232	10150.00
IY1106A	Air	Half Dice	1200	241	10150.00
ID1196N	Remote Air	Dice	1027	228	10019.00
IY1196N	Remote Air	Half Dice	1066	236	10019.00
ID1106W	Water	Dice	1057	228	10657.00
IY1106W	Water	Half Dice	1134	238	10657.00

I1200 SERIES-30" WIDTH, NOT STACKABLE

- Head only, suggested bin B570, C730S, B970, F Series
- Overall dimension: 30"W x 24-1/2"D x 29-1/2"H
- Voltage: 208-230/60 (single and 3 phase)
- Air cooled models are ENERGY STAR® qualified

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Ship Wgt. (Lbs.)	Price
ID1202A	Air	Dice	870	259	9854.00
IY1204A	Air	Half Dice	930	262	9854.00
ID1203W	Water	Dice	900	261	10347.00
IY1205W	Water	Half Dice	1010	263	12271.78

REMOTE CONDENSER



Dissipate heat at a convenient location, indoors or outdoors, away from the ice machine. This maximizes ice-making capacity and minimizes air conditioning loads by reducing the ambient air temperature.

- Use with remote air cooled machines and RT, RL tube sets
- Legs adjustable in 4" steps

MANITOWOC

Part No.	Usage	Voltage	Dimension (In.) H	W	D	Ship Wgt. (Lbs.)	Price
JC0495	I500	115/1/60	30 or 34	29-1/2	28	76	1490.00
JC0895	I606	208/230/1/60	30 or 34	24-1/2	28	78	1885.00
JC0995	I906, I1106	208/230/1/60	30 or 34	24-1/2	28	78	1924.00
JC1395	I400, I1800	208/230/1/60	30 to 38	29-1/2	28	91	2005.00

COUPLING KIT



Tubing set for remote air machines and remote condensers. Use RT prefix for 450, 600, 800 and 1000 Series machines. Use RL prefix for 1300 and1800 Series machines.

MANITOWOC

Part No.	Description	Price
K00129	Coupling Kit	143.00

LINE SET



Tubing set for remote air machines and remote condensers. Use RT prefix for 450, 600, 800 and 1000 Series.
Use RL prefix for 1300 and 1800 Series. Use RM prefix for SN0698N-JC0495 connections only.

MANITOWOC

Part No.	Usage	Length (Ft.)	Price
RT20R404A	S(D/Y)500N-1000N with JC0495-0895	20	420.12
RT35R404A	S(D/Y)500N-1000N with JC0495-0895	35	517.72
RT50R404A	S(D/Y)500N-1000N with JC0495-0895	50	622.75
RL20R404A	S(D/Y)1400N-1800N with JC1395; Q1894S with JC1895	20	420.00
RL35R404A	S(D/Y)1400N-1800N with JC1395; Q1894S with J1895	35	517.72
RL50R404A	S(D/Y)1400N-1800N with JC1395; Q1894S with JC1895	50	622.75

FLAKE ICE MACHINES



- Not stackable
- Not for use with SPA/SFA dispensers or AUCS cleaning system: use 000000084 cleaner only
- Small hard bits of ice ideally suited for any "contact" presentation. It forms completely around the contact item and cools quickly.

FLAKE, RFS300 SERIES

- Overall dimension: 22"W x23.6"D x 26"H
- Head only, suggested bin B320, B420

MANITOWOC

Part No.	Type Condenser Cool	Production (Lbs./Day)	Voltage	Price
RFS0300A	Air	389	115/1/60	7129.00

FLAKE, RFS0650 SERIES

- Head only, suggest bin B320, B420
- Overall dimension: 22"W x 23.6"D x 26"H
- Air Cooled , 208-230/1/60 models are Energy Star qualified

MANITOWOC

Part No.	Type Condensing Cooling	Ice Production (lbs./Day)	Voltage	Price
RFS0650A-161	Air	760	115/1/60	8841.00
RFS0650A-261	Air	760	208-230/1/60	8916.00
RFS0650W-161	Water	722	115/1/60	9283.00
RFS0650W-261	Water	722	208-230/1/60	9358.00

ICE MACHINES & REFRIGERATED FOOD SERVICE

MODULAR ICE MACHINE

NUGGET, RN0400 SERIES



- Overall dimension: 22"W x 24-1/2"D x 26 1/2"H
- Head only, suggested bin B320, B420
- Not for use with SPA/SFA dispensers or AUCS cleaning system: use 000000084 cleaner only

MANITOWOC

Part No.	Voltage	Type Condenser Cool	Production (Lbs./Day)	Ship Wgt. (Lbs.)	Price
RN0408A	115/1/60	Air	294	183	7162.00

COUNTERTOP NUGGET



- Dispenses ice, water or combination
- Sensor or lever activation
- 10.5" cup clearance

Capacities rated at 70°F air, 50°F water

MANITOWOC

Part No.	Actuation	Production (Lbs/Day)	Storage (Lbs.)	Dimensions (In.) W	D	H	Ship Wgt (Lbs.)	Price
RNS-12A	Lever	325	12	16.25	24	35	162	8271.00
RNS-20A	Lever	325	20	16.25	24	42	168	9998.00

SELF CONTAINED ICE MACHINE

140 SERIES



- Overall dimension: 26"W x 26-1/2"D x 32-1/2"H
- Storage capacity 80 lbs.

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Voltage	Ship Wgt. (Lbs.)	Price
UD-0140A	Air	Dice	90	115/1/60	161	4223.00
UY-0140A	Air	Half Dice	90	115/1/60	162	4223.00

190 SERIES

- Overall dimension: 26" W x 26-1/2"D x 32-1/2"H
- Storage capacity 80 lbs.

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Voltage	Ship Wgt. (Lbs.)	Price
UD-0190A	Air	Dice	130	115/1/60	155	4396.00
UY-0190A	Air	Half Dice	135	115/1/60	155	4396.00

240 SERIES

- Overall dimension: 26" W x 26-1/2"D x 32-1/2"H
- Storage capacity 80 lbs.

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Voltage	Ship Wgt. (Lbs.)	Price
UD-0240A	Air	Dice	155	115/1/60	160	4930.00
UY-0240A	Air	Half Dice	155	115/1/60	162	4930.00

310 SERIES

- Overall dimension: 30"W x 28-3/16"D x 32-1/2"H
- Storage capacity 110 lbs.

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Voltage	Ship Wgt. (Lbs.)	Price
UD-0310A	Air	Dice	215	115/1/60	212	5970.00
UY-0310A	Air	Half Dice	215	115/1/60	213	5970.00

SM50A



- Individual cubes with unique octagon shape
- Water filter preinstalled
- Overall dimension: 14 - 3/4" W x 23 -3/4"D x 34 - 1/2"H

Capacity rated 70°F air, 50°F water

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs/Day)	Storage (Lbs.)	Ship Wgt. (Lbs.)	Price
SM50A	Air	Octagon, 1-3/8"	53	25	120	3785.00

QM SERIES



Compact, easy to relocate, self contained. Ideal for on-the-spot installations at coffee shops, hotel suites, stadium boxes, office refreshment break areas, and many other limited ice need applications.

- Voltage: 115/1/60 Vac
- Overall dimension: 19-11/16" W x 22-5/16"D x 30"H

MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (Lbs./Day)	Storage Capacity (Lbs.)	Ship Wgt. (Lbs.)	Price
QM30A	Air	Dice	52	30	117	3714.00
QM45A	Air	Dice	65	33	119	4520.00

20" WIDTH (FLAKE)



- Voltage: 115/1/60

MANITOWOC

Part No.	Type Condenser Cooling	Ice Production (Lbs/Day)	Storage (Lbs.)	Dimensions (In.) H	W	D	Ship Wgt. (Lbs.)	Price
RF0266A	Air	150	60	31.5	19.7	26	168	7341.00

30" WIDTH (FLAKE)

Part No.	Type Condenser Cool	Production (Lbs/Day)	Storage (Lbs.)	Dimensions (In.) H	W	D	Ship Wgt. (Lbs.)	Price
RF0385A	Air	270	88	33.5	29	27.17	209	7793.00

ICE MACHINES & REFRIGERATED FOOD SERVICE

ICE DISPENSER

ICE/WATER, FLOOR STANDING



Ice dispenser with standard water dispensing valve. Use with 22" or 30" dice/half dice cube machine. Height doesn't include 6" legs

MANITOWOC

Part No.	Storage Capacity (Lbs.)	Dimensions (in) H	W	D	Voltage	Ship Wgt. (Lbs.)	Price
SFA191	120	54-1/2	30	32	115/1/60	163	6814.00
SFA291	180	54-1/2	30	32	115/1/60	200	8102.00

ICE, FLOOR STANDING

160 Series Dispenser accepts 22" wide dice or half dice machines. 300 Series Dispenser accepts 22" or 30" wide dice or half dice machines (requires K00365 adapter for 22" machines). Height does not include 6" legs

MANITOWOC

Part No.	Actuation	Storage Capacity (Lbs.)	Overall Dimension (In.) H	W	D	Ship Wgt. (Lbs.)	Price
SPA160	Push Button	120	54	22	31	163	5838.00
SPA310	Push Button	180	60-1/2	30	32	201	6884.00

STORAGE BIN

STANDARD CAPACITY



- Storage bin only
- Stainless steel finish matches ice machine
- Height includes 6" legs (adjustable to 8")

MANITOWOC

Part No.	Storage Capacity (Lbs.)	Volume (Ft.Cu.)	Overall Dimension (In.) W	D	H	Ship Weight (Lbs.)	Price
B-320	210	6.1	22	34	38	86	1763.00
B400	290	12.3	30	34	38	98	1939.00
B420	310	12.9	22	34	50	109	2017.00
B570	430	17.9	30	34	50	122	2195.00
B970	710	29.7	48	34	50	173	3101.00

LARGE CAPACITY



Equipped with a sliding ice gate for increased employee safety, easier ice removal and reduced spillage.

- Height includes 6" legs

MANITOWOC

Part No.	Storage Capacity (Lbs.)	Volume (Ft.Cu.)	Overall Dimension (In.) W	D	H	Ship Weight (Lbs.)	Price
F700	680	20.3	30	31	58.5	195	5061.00
F1300	1320	38.0	48	31	63.5	292	6382.00
F1325	1325	39.7	60	31	54.5	300	6688.00
F1650	1660	47.7	60	31	63.5	327	7432.00

ACCESSORIES

BIN ADAPTERS/DEFLECTORS

- Adaptors and ice deflector kits for various current and non current machine/bin combinations

MANITOWOC

Part No.	Description	Adapts	Price
K00105	Bin Adapter	22" B,J,S,SN,SF,Q,QC,QF Machine to C470S Bin. Not for IB	118.00
K00365	Bin Adapter	22" Q,S,SN,SF,QC,QF Machine to 30" S and B Bins. Q,S only to 30" S Dispenser. Not for IB	192.00
K00195	Bin Adapter	22" IB to 22" B or S 320/420, SPA160	333.00
K00196	Bin Adapter	22" IB to 30" B170,400,570, SPA310, SFA291	360.00
K00368	Bin Adapter	22" Q,S,SN,SF,QC,QF Machine to B/S970 Bin. Not for IB	313.00
K00369	Bin Adapter	30" Q,S, Machine to 48" B970 Bin. 180 lbs max	327.00
K00370	Bin Adapter	30" Q,S, Machine to 48" B970 Bin.	423.00
K00371	Bin Adapter	Two SN,SF,QC,QF to 48" B970 bin. (Water cooled, Quiet Cube only)	267.00
K00156	Bin Adapter	30" Q,S Machine to C900/950 Bin. Includes deflector	314.00
K00157	Bin Adapter	30" Q,S Machine to C970 Bin.	333.72
K00404	Bin Adapter	30" for 25.2" RF Flake Ice Machines	261.00
K00405	Bin Adapter	48" for 25.2" RF Flake Ice Machines	Call
K00396	Bin Adapter	S3300 Machine to B1100-00 bin	Call
K00397	Bin Adapter	S3300 Machine to B1400-00 bin	Call
K302500	Bin Adapter	25.2" RF Flaker on F-700 bin 40 lbs	887.00
K303000	Bin Adapter	30" S Cuber on F-700 bin 40 lbs.	953.00
K482500	Bin Adapter	25.2" RF Flaker on F-1300 bin 45 lbs.	828.00
K483048	Bin Adapter	30" and 48" S Cuber on F-1300 bin 45 lbs.	953.00
K602500	Bin Adapter	25.2" RF Flaker on F-1325 and F-1650 bins 52 lbs.	Call
K603030	Bin Adapter	Two 30" S Cuber units side by side on F-1325 and F-1650 bins 52 lbs.	1103.00
K603048	Bin Adapter	30" and 48" S Cuber on F-1325 and F-1650 bins 52 lbs.	1103.00
K604800	Bin Adapter	S3070C and S3300 on F-1325 and F-1650 bins 52 lbs.	1245.00
K613048	Bin Adapter	30" and 48" S Cuber on F-1350 bin 60	1496.00
K00170	Ice Deflector	30" Q600,800,1000 Machine to B750,1050,1100,1400 (also non Manitowoc) bins	182.00
K00139	Ice Deflector	48" Q1800 Machine to B750,1050,1100,1400 (also non Manitowoc) bins	187.00
K00119	Ice Deflector	48" Q1800,S1400-1800 Machine to C900/950 Bin	152.44
K00211	Ice Deflector	48" Q-Dual Machine to B750,1050,1100,1400 (also non Manitowoc) bins	177.16
K00382	Ice Deflector	30" S1470C-2070C Machine to B750,1050,1100,1400 (also non Manitowoc) bins	185.00
K00383	Ice Deflector	30" S1470C-2070C Machines (side by side) to B1400 (also non Manitowoc) bins	308.00
K00385	Adapter/Deflector	30" S1470-2070C Machines to B970	555.00
K00386	Adapter/Deflector	30" S1470-2070C Machines to C730	Call
K00347	Ice Deflector	30" S-Machine to B750,1050,1100,1400 (also non Manitowoc) bins	182.00
K00349	Ice Deflector	48" S-Machine to B1100,1400 (also non Manitowoc) bins	215.00
K00391	Ice Deflector	S3300 Machine to B1100-00, B1400-00, non manitowoc bins	596.00

GUARDIAN INHIBITOR



Bacteria and fungi growth on the inside of an ice machine form slime, a leading cause of ice machine failure. Slime is also a health concern. Manitowoc's new Guardian accessory houses a sachet that releases chlorine dioxide in the food zone of the ice machine thus inhibiting biological growth and associated odors without affecting the taste of the ice produced.

- Each tyvek sachet lasts 30 days
- Ready to use; no moving or mechanical parts
- NSF approved to standard 12
- One year parts warranty from date of original installation

MANITOWOC

Part No.	Description	Price
GSI200	Guardian Inhibitor	188.00
K00206	200 Gram Ice Sentry Sachet Refill	265.00

ACCESSORIES

AUTOMATIC CLEANING SYSTEM



The patented AuCS® (Automatic Cleaning System) cleans your ice machine water distribution system automatically. Select a 2-week, 4- week or 12-week cleaning frequency. AuCS® activates the ice machine's cleaning function and cleans or sanitizes the system in approximately 30 minutes. AuCS® cuts maintenance costs, maximizes ice production and enhances the reliability and life of your Manitowoc ice machine.

- AuCS® and AuCSSO are lightweight and mount on the outside; 12" x 12.12" x 3.43"
- AuCSSI mounts inside appropriate S model machines; 10" x 5" x 4.75"

MANITOWOC

Part No.	Voltage	Price
AUCS	115/1/60	807.00
AUCSSI161	115/1/60	807.34
AUCSSI271	208-230/1/60	732.00
AUCSSO161	115/1/60	761.00

WATER FILTER



All assemblies include head, shroud, hardware mounting assembly and one filter cartridge (AR40000 includes 2 cartridges).
Usage: AR-PRE: all machines
AR-10000: QMs, Q130-270 and 400 Flaker
AR-20000: S300-600 and 700/800 Flakers
AR-40000: S850-1800, QDUAL

MANITOWOC

Part No.	Description	Ship Wgt. (Lbs.)	Price
AR-PRE	Pre Filter Assembly	4	329.00
AR-10000	Small, 1 Cartridge Assembly	5	457.00
AR-20000	Medium, 1 Cartridge Assembly	5	781.00
AR-40000	Large, 2 Cartridge Assembly	12	1328.00
K00337	Pre Cartridge	1.5	108.00
K00374	AR2800 Cartridge for SM50	1.5	81.25
K00338	AR10000 Cartridge	1.5	116.00
K00339	AR20000/40000 Cartridge	2.17	152.00

UNDERCOUNTER

ICE KUBE MACHINE K-0170 SERIES



- Simple controls, convenient, reliable and long lasting
- Simple 3-way switch for on/off/clean. No need to remove the front panel
- Front air intake and discharge
- Easy to remove, re-usable air filter to keep the condenser cleaner
- Two ice sizes to choose from: Kube and Half Kube
- Hideaway bind door slides under the ice machine tip

KOOLAIRE by MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (lbs/Day)	Price
KD-0170	Air	Kube	148	4120.00
KY-0170	Air	Half Kube	148	4120.00

ICE KUBE MACHINE K-0270 SERIES



- Simple controls, convenient, reliable and long lasting
- Simple 3-way switch for on/off/clean. No need to remove the front panel
- Front air intake and discharge
- Easy to remove, re-usable air filter to keep the condenser cleaner
- Two ice sizes to choose from: Kube and Half Kube
- Hideaway bind door slides under the ice machine tip

KOOLAIRE by MANITOWOC

Part No.	Type Condenser Cooling	Cube Size	Ice Production (lbs/Day)	Price
KD-0270	Air	Kube	258	5476.00
KY-0270	Air	Half Kube	258	5476.00

ICE MACHINES

ICE KUBE MACHINE K-0250 SERIES



- Easy access to food zone with removal of two screws and lift-off door.
- High-tech exterior with smudge and fingerprint resistant stainless-like finish.
- White plastics in the food zone help identify areas needing cleaning.
- Water shield, distribution tube, pump, floats, and trough removable by hand.
- Available CleanAir™ pack controls the growth of bacteria and fungi that form slime and cause odors
- Warranty: Ice Maker: 3 year P/L, Evaporator: 5 year P/L, Compressor: 5 year Parts & 3 year Labor

KOOLAIRE by MANITOWOC

	Dimensions (in)							
Part No.	W	D	H	Daily Ice Production (lbs)	Temps Air/Water	Ice Shape	Shipping Weight (lbs)	Price
KD-0250A	30	24-1/2	21-1/2	308	70°/50°	Kube	137	4614.00
KY-0250A	30	24-1/2	21-1/2	324	70°/50°	Half Kube	137	4614.00

ICE KUBE MACHINE K-0350 SERIES



- Easy access to food zone with removal of two screws and lift-off door.
- High-tech exterior with smudge and fingerprint resistant stainless-like finish.
- White plastics in the food zone help identify areas needing cleaning.
- Water shield, distribution tube, pump, floats, and trough removable by hand.
- Available CleanAir™ pack controls the growth of bacteria and fungi that form slime and cause odors
- Warranty: Ice Maker: 3 year P/L, Evaporator: 5 year P/L, Compressor: 5 year Parts & 3 year Labor

KOOLAIRE by MANITOWOC

	Dimensions (in)							
Part No.	W	D	H	Daily Ice Production (lbs)	Temps Air/Water	Ice Shape	Shipping Weight (lbs)	Price
KD-0350A	30	24-1/2	21-1/2	375	70°/50°	Kube	153	5250.00
KY-0350A	30	24-1/2	21-1/2	400	70°/50°	Half Kube	153	5010.00
KD-0350W	30	24-1/2	21-1/2	381	70°/50°	Kube	147	5260.00
KY-0350W	30	24-1/2	21-1/2	388	70°/50°	Half Kube	147	5260.00

ICE KUBE MACHINE K-0420 SERIES



- Easy access to food zone with removal of two screws and lift-off door.
- High-tech exterior with smudge and fingerprint resistant stainless-like finish.
- White plastics in the food zone help identify areas needing cleaning.
- Water shield, distribution tube, pump, floats, and trough removable by hand.
- Available CleanAir™ pack controls the growth of bacteria and fungi that form slime and cause odors
- Warranty: Ice Maker: 3 year P/L, Evaporator: 5 year P/L, Compressor: 5 year Parts & 3 year Labor

KOOLAIRE by MANITOWOC

	Dimensions (in)							
Part No.	W	D	H	Daily Ice Production (lbs)	Temps Air/Water	Ice Shape	Shipping Weight (lbs)	Price
KD-0420A	22	24-1/2	21-1/2	370	70°/50°	Kube	136	4911.00
KY-0420A	22	24-1/2	21-1/2	375	70°/50°	Half Kube	136	4911.00
KD-0420W	22	24-1/2	21-1/2	368	70°/50°	Kube	132	5157.00
KY-0420W	22	24-1/2	21-1/2	377	70°/50°	Half Kube	132	5157.00

ICE KUBE MACHINE K-0500 SERIES



- Easy access to food zone with removal of two screws and lift-off door.
- High-tech exterior with smudge and fingerprint resistant stainless-like finish.
- White plastics in the food zone help identify areas needing cleaning.
- Water shield, distribution tube, pump, floats, and trough removable by hand.
- Available CleanAir™ pack controls the growth of bacteria and fungi that form slime and cause odors
- Warranty: Ice Maker: 3 year P/L, Evaporator: 5 year P/L, Compressor: 5 year Parts & 3 year Labor

KOOLAIRE by MANITOWOC

	Dimensions (in)							
Part No.	W	D	H	Daily Ice Production (lbs)	Temps Air/Water	Ice Shape	Shipping Weight (lbs)	Price
KD-0500A	30	24-1/2	21-1/2	493	70°/50°	Kube	156	5550.00
KY-0500A	30	24-1/2	21-1/2	519	70°/50°	Half Kube	156	5308.00
KD-0500W	30	24-1/2	21-1/2	545	70°/50°	Kube	163	5574.00
KY-0500W	30	24-1/2	21-1/2	545	70°/50°	Half Kube	163	5574.00

ICE MACHINES

ICE KUBE MACHINE K-0600 SERIES



- Easy access to food zone with removal of two screws and lift-off door.
- High-tech exterior with smudge and fingerprint resistant stainless-like finish.
- White plastics in the food zone help identify areas needing cleaning.
- Water shield, distribution tube, pump, floats, and trough removable by hand.
- Available CleanAir™ pack controls the growth of bacteria and fungi that form slime and cause odors
- Warranty: Ice Maker: 3 year P/L, Evaporator: 5 year P/L, Compressor: 5 year Parts & 3 year Labor

KOOLAIRE by MANITOWOC

	Dimensions (in)							
Part No.	W	D	H	Daily Ice Production (lbs)	Temps Air/Water	Ice Shape	Shipping Weight (lbs)	Price
KD-0600A	30	24-1/2	21-1/2	599	70º/50º	Kube	167	6188.00
KY-0600A	30	24-1/2	21-1/2	609	70º/50º	Half Kube	167	6188.00
KD-0600W	30	24-1/2	21-1/2	564	70º/50º	Kube	176	6498.00
KY-0600W	30	24-1/2	21-1/2	583	70º/50º	Half Kube	176	6498.00

ICE KUBE MACHINE K-1000 SERIES



- Easy access to food zone with removal of two screws and lift-off door.
- High-tech exterior with smudge and fingerprint resistant stainless-like finish.
- White plastics in the food zone help identify areas needing cleaning.
- Water shield, distribution tube, pump, floats, and trough removable by hand.
- Available CleanAir™ pack controls the growth of bacteria and fungi that form slime and cause odors
- Warranty: Ice Maker: 3 year P/L, Evaporator: 5 year P/L, Compressor: 5 year Parts & 3 year Labor

KOOLAIRE by MANITOWOC

	Dimensions (in)							
Part No.	W	D	H	Daily Ice Production (lbs)	Temps Air/Water	Ice Shape	Shipping Weight (lbs)	Price
KD-1000A	30	24-1/2	29-1/2	895	70º/50º	Kube	215	8353.00
KY-1000A	30	24-1/2	29-1/2	897	70º/50º	Half Kube	215	8353.00
KD-1000W	30	24-1/2	29-1/2	913	70º/50º	Kube	215	8770.00
KY-1000W	30	24-1/2	29-1/2	913	70º/50º	Half Kube	215	8770.00
KD-1000N	30	24-1/2	29-1/2	925	70º/50º	Kube	237	8208.00
KY-1000N	30	24-1/2	29-1/2	930	70º/50º	Half Kube	237	8208.00

ICE KUBE MACHINE K-1350 SERIES



- Easy access to food zone with removal of two screws and lift-off door.
- High-tech exterior with smudge and fingerprint resistant stainless-like finish.
- White plastics in the food zone help identify areas needing cleaning.
- Water shield, distribution tube, pump, floats, and trough removable by hand.
- Available CleanAir™ pack controls the growth of bacteria and fungi that form slime and cause odors
- Warranty: Ice Maker: 3 year P/L, Evaporator: 5 year P/L, Compressor: 5 year Parts & 3 year Labor

KOOLAIRE by MANITOWOC

	Dimensions (in)							
Part No.	W	D	H	Daily Ice Production (lbs)	Temps Air/Water	Ice Shape	Shipping Weight (lbs)	Price
KD-1350A	48	24-1/2	29-1/2	1350	70º/50º	Kube	317	10317.00
KY-1350A	48	24-1/2	29-1/2	1350	70º/50º	Half Kube	317	10317.00
KD-1350W	48	24-1/2	29-1/2	1350	70º/50º	Kube	319	10833.00
KY-1350W	48	24-1/2	29-1/2	1350	70º/50º	Half Kube	319	10833.00
KD-1350N	48	24-1/2	29-1/2	1350	70º/50º	Kube	324	10172.00
KY-1350N	48	24-1/2	29-1/2	1350	70º/50º	Half Kube	324	10172.00

ICE STORAGE BINS

K420 22" WIDE ICE STORAGE BIN



- Convenient stay-open design keeps bin door out of the way while scooping ice.
- Internal scoop holder stays above ice line for easy access and better sanitation.
- High-tech stainless-like finish has been engineer-tested with superior corrosion resistance.
- Black side panels to match your Koolaire ice machine.
- Warranty: Bin & Accessories: 3 Year Parts & Labor.

KOOLAIRE by MANITOWOC

Part No.	Dimensions (in) W	D	H	Storage Capacity (lbs)	Price
K420	22	34	50	310	1777.00

K570 30" WIDE ICE STORAGE BIN



- Convenient stay-open design keeps bin door out of the way while scooping ice.
- Internal scoop holder stays above ice line for easy access and better sanitation.
- High-tech stainless-like finish has been engineer-tested with superior corrosion resistance.
- Black side panels to match your Koolaire ice machine.
- Warranty: Bin & Accessories: 3 Year Parts & Labor.

KOOLAIRE by MANITOWOC

Part No.	Dimensions (in) W	D	H	Storage Capacity (lbs)	Price
K570	30	34	50	430	1971.00
K400	30	34	38	290	1712.00

K970 48" WIDE ICE STORAGE BIN



- Convenient stay-open design keeps bin door out of the way while scooping ice.
- Internal scoop holder stays above ice line for easy access and better sanitation.
- High-tech stainless-like finish has been engineer-tested with superior corrosion resistance.
- Black side panels to match your Koolaire ice machine.
- Warranty: Bin & Accessories: 3 Year Parts & Labor.

KOOLAIRE by MANITOWOC

Part No.	Dimensions (in) W	D	H	Storage Capacity (lbs)	Price
K970	48	34	50	710	2761.00

Trust our new **KOOL KREW!**



Our Koolaire® ice machine product line continues to grow in size. Now available in 10 different models with our newest member, the K1800, large enough to provide backroom ice for banquet halls and fast casuals. That makes the Koolaire Krew prepared to deliver reliable ice makers for any size operation.



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KOOLAIRE® by Manitowoc

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WATER FILTRATION AND TREATMENT

INSURICE ICE SYSTEM



Systems include head, pressure gauge and Insurice cartridge(s). Insurice cartridges are designed specifically for ice machine applications, have 1/2 micron precoat filtration with scale inhibitor feed.

PENTAIR EVERPURE

Part No.	Description	Cartridge	Flow (GPM)	Application Lbs./Day		Ship Wgt. (Lbs.)	Price
				Cuber	Flaker		
EV932401	Single System	I-20002	1.67	<650	<1500	7	415.00
EV932421	Single System, Prefilter	I-20002	1.67	<650	<1500	18	654.00
EV932402	Twin System	I-20002	3.34	<1200	<2500	12	717.00
EV932422	Twin System, Prefilter	I-20002	3.34	<1200	<2500	20	970.00
EV932503	Triple System	I-40002	5.00	<1600	<3500	19	1151.00
EV932523	Triple System, Prefilter	I-40002	5.00	<1600	<3500	23	1373.00
EV932504	Quadruple System	I-40002	7.30	<2400	High Volume	23	1566.00

INSURICE CARTRIDGE



Class 1 taste and odor, chlorine reduction, particulate and cyst reduction.
New and improved Micro-Pure II media with AgION™ anti microbial protection inhibits potential bacterial growth
(961227, 961237) - Capacity at 1.67 gpm

PENTAIR EVERPURE

Part No.	Description	Capacity (Gal.)	Ship Wgt. (Lbs.)	Price
EV961222	I-20002, 1/2 Micron	9,000	3	140.00
EV961232	I-40002, 1/2 Micron	12,000	4	158.00

POLYPHOSPHATE FEEDER



Add to system for additional lime scale inhibition.
Safe, food-grade polyphosphate.

PENTAIR EVERPURE

Part No.	Description	Ship Wgt. (Lbs.)	Price
979845	SR-X Scale Inhibitor Feeder	4	291.00

PREFILTER



Filters out large dirt and rust particles to 10 microns. Extends the life of submicron filter cartridges.

PENTAIR EVERPURE

Part No.	Description	Price
979580	10" clear housing with EC110 replaceable prefilter cartridge	122.00
979590	20" clear housing with EC210 replaceable prefilter cartridge	195.00

WATER FILTRATION AND TREATMENT

PREFILTER CARTRIDGE

PENTAIR EVERPURE

Part No.	Description	Price
953440	EC110, Prefilter, 10", 10 micron (K–10)	7.40
953420	EC210, Prefilter, 20", 10 Micron (K–20)	14.60

FOUNTAIN BEVERAGE



Systems include head, pressure gauge and MC cartridge(s). Use 9795** prefilter to extend life of cartridge.
- Application is syrup tanks or bag-in-box per month/number of carbonators.

PENTAIR EVERPURE

Part No.	Description	Cartridge	Flow (GPM)	Application Tanks/Carbonators	Ship Wgt. (Lbs.)	Price
927501	Single System	MC^2(1 each)	1.67	<25/1	5	394.00
927502	Twin System	MC^2(2 each)	3.34	<50/2	10	590.00
927503	Triple System	MC^2(3 each)	5.00	<75/3	16	858.00
933744	Dual High Flow Coldrink S	MC^2(8 each), EC210(2)	13.36	High Volume	70	4527.00

COLDRINK



Fountain beverage system with prefilter installed on a mounting plate. Systems include head, pressure gauge and MC, prefilter cartridge(s). Application is syrup tanks or bag-in-box per month/number of carbonators.

PENTAIR EVERPURE

Part No.	Description	Cartridge	Flow (GPM)	Application Tanks/Carbonators	Ship Wgt. (Lbs.)	Price
932801	Single System	MC^2(1), EC210	1.67	<25/1	18	644.00
932802	Twin System	MC^2(2), EC210	3.34	<50/1	23	951.00
932803	Triple System	MC^2(3), EC210	5.00	<75/3	27	1303.00

FOUNTAIN CARTRIDGE



Class 1 taste and odor, chlorine reduction, particulate and cyst reduction.
MC^2 adds an effective bacteriostat to the filter media
- Capacity at 1.67 gallons/minute

PENTAIR EVERPURE

Part No.	Description	Capacity (Gallon)	Price
961255	MC^2, 1/2 Micron	9,000	117.00
961310	XC2(Hi-cap MC^2), 1/2 Micron	12,000	154.00
962832	XC2(Hi-cap MC^2), 1/2 Micron (2 Cartridge Kit)	12,000	1119.00
997042	Tripple-MC^2 Kit: (1) EC210, (3 each) MC^2, (1) SS-IMF w/Spacer	27,000	426.00
962828	Quad MC Kit: (1) EC210, (4) MC^2, SS-IMF w/spacer	36,000	541.00
962829	Quad-XC Kit: (1) EC210, (4 each) XC^2, (1) SS-IMF w/Spacer	48,000	647.00

WATER FILTRATION AND TREATMENT

CLARIS COFFEE SYSTEM



The CLARIS water filter family is a modular filter cartridge system, consisting of a unique multifunctional connection head and a combination of filter cartridges designed for the specific requirements of equipment in the commercial market. Thanks to its compact dimensions and the sophisticated multi-valve connection head, the system can be installed and operated almost anywhere, free standing, mounted or in a vertical or horizontal position. Ideal for producing high quality hot beverages as well as iced tea and steam applications.

Adjustable ion-selective filter to tailor carbonate hardness levels in potable water.
Patent pending DuoBlend by-pass technology for the precise adjustment of carbonate hardness

- Micron rating: 5.00
- Working pressure: 29 - 116 psi
- Maximum temperature: 39 - 86°F

PENTAIR EVERPURE

Part No.	Description	Flow (GPM)	Capacity (Gal.)	Height (In.)	Diameter (In.)	Shipping Weight (Lbs.)	Price
433910	Claris Cartridge, Small	0.5 max	396 @ 180 ppm	11.10	3.74	2.9	219.00
433911	Claris Cartridge, Medium	0.5 max	660 @ 180 ppm	15.43	3.74	4.0	307.00
433912	Claris Cartridge, Large	1 max	1100 @ 180 ppm	14.13	5.35	7.1	393.00
433913	Claris Cartridge, XLarge	1 max	1585 @ 180 ppm	18.70	5.35	9.5	467.00
433921	Claris Head 3/8" BSP	-	-	-	-	-	Call
433925	Claris Head 1/4" QCF	-	-	-	-	-	Call
433923	Claris Head 3/8" QCF	-	-	-	-	-	Call
433931	Claris Flow Meter	-	-	-	-	-	356.00
433940	Claris Test Kit	-	-	-	-	-	59.50
433950	Claris Hose 59", 3/8" x 3/8"	-	-	-	-	-	73.30

COFFEE SYSTEM



High capacity 1/2 micron precoat filtration with scale control. For low flow, low/medium volume brewers.

PENTAIR EVERPURE

Part No.	Description	Cartridge	Flow (GPM)	Capacity Pots/Gal.	Ship Wgt.(Lbs.)	Price
927560	QL2-OCS², Scale Inhibitor	OCS² (1)	0.5	3,000/1,500	3	136.00
927200	QL3-BH², Scale Inhibitor, Shut Off	BH² (1 each)	0.5	6,000/3,000	4	199.00

COFFEE CARTRIDGE



1/2 micron precoat filters rated for chlorine, taste and odor, dirt, asbestos, cyst reduction, and scale control.

- Capacity at 1/2 GPM

PENTAIR EVERPURE

Part No.	Description	Capacity (Gal.)	Ship Wgt. (Lbs.)	Price
961807	OCS², Scale Inhibitor	1,500	1	61.20
961251	BH²	1,500	2	108.00
961326	MH², Scale Inhibitor, Hi Flow/Volume	9,000	3	150.00
961276	4K Plus, Slime, Microbe Control	3,000	2.5	93.36

WATER FILTRATION AND TREATMENT

COFFEE INLINE

Chlorine taste and odor reduction, lime scale reduction. IN-10 for low volume, IN-12 for medium volume single pot coffee brewers.

PENTAIR EVERPURE



Part No.	Description	Length (In.)	Capacity (Gal.)	Price
910067	IN-6 Filter, 100% Phosphate For Scale Prevention Only	6	6 months	31.30
910006	IN-10 Filter, Granular Activated Carbon With Scale Control, 1/4" John Guest fittings	10	2400	40.50
910008	IN-10 Filter, Granular Activated Carbon With Scale Control, Less Fittings	10	2400	31.90
910069	IN-10CS Filter, 100% Coconut Shell Carbon for Enhanced T&O Reduction,	10	3900	20.60
910007	IN-12, High Capacity Granular Activated Carbon With Scale Control	10	4800	40.50
910086	IN-12 Filter, High Capacity Granular Activated Carbon With Scale Control, 1/4" John Guest Fittings	10	4800	47.80
910068	IN-12 Filter, KDF-55D/Carbon for T&O Reduction With Scale & Slime Prevention	10	5000	33.30

COMBINATION



High flow systems with prefilter and alarm for fountain beverage, coffee and ice machine combinations. Includes inlet/outlet gauges, 20" prefilter, ice maker feeders, low pressure alarm, and cartridges. High flow CSR system handles to 4 carbonators with a 4 pot brewer and 1,200 lb./day ice machine.

PENTAIR EVERPURE

Part No.	Description	Cartridge	Flow (GPM)	Capacity (Gal.)	Price
943710	High Flow Quad CSR, Less Alarm	MC^2(4), EC210, SS-IMF	6.7	36000	2739.00
943711	High Flow Quad CSR, With Alarm	MC^2(4), EC210, SS-IMF	6.7	36000	2982.00
932805	High Flow Triple, With Alarm	MC^2(3), EC210, SS-IMF	5.7	27000	1735.00
932806	High Flow Triple, Less Alarm	MC^2(3), EC210, SS-IMF	5.7	27000	1492.00

STEAM SYSTEM



Systems for providing high quality water as well as deliming capability for steamers. Use SR-X feeder with existing Everpure systems only.

PENTAIR EVERPURE

Part No.	Description	Cartridge	Flow (GPM)	Ship Wgt. (Lbs.)	Price
979750	Counter Top, Evaporative Base System	4CB5 (1), SS-10, 2 x 0.5 Skalekleen	1.0	11	783.00
979721	KleensteamII, Single	7CB5 (1), SS-10, 4 x 2.2 Skalekleen	1.67	26	1113.00
979722	KleensteamII, Double	7CB5 (2), SS-10, 4 x 2.2 Skalekleen	3.34	28	1205.00
979782	SC10-11, Foodservice Steamer and Combi-Oven Applications	SS-10 Scalestick, CG5-10 Carbon Block	6.0	8.5	555.00
979720	SR-X Scale Inhibitor Feeder and Deliming System	SS-10	6.0	6	330.00

WATER FILTRATION AND TREATMENT

REVERSE OSMOSIS



- Configurable system that delivers reverse osmosis or blended water for multiple foodservice applications
- Guards against taste and odor causing contaminants while removing dirt, particulates and dissolved minerals that can adversely affect taste of water and beverages
- Sanitary cartridge replacement is simple, quick and clean. Internal filter parts are never exposed to handling or contamination
- Wall mount design allows flexible installation
- Reduces lime scale build-up that can cause excessive machine downtime and increased maintenance costs.
- Temperature range: 40° to 100°F
- Inlet outlet size: 3/8"
- Operating weight: 35 Lbs
- The BL series features an adjustable blend valve, which allows custom tailoring of the dissolved mineral content in the treated water.

PENTAIR EVERPURE

Part No.	Description	Cartridge	Flow (GPM)	Height (In.)	Width (In.)	Depth (In.)	Price
997008	MRS-225 Reverse Osmosis System, 115/1/60	6TO-BW, MR-225, 7CC-BW, P5	0.156	34	20.5	8	2175.00
997020	MRS-350 Reverse Osmosis System, 115/1/60	7TO-BW, MR-350, BW-4400, P5	0.243	38	15	8	2685.00

SCALE REMOVER



Cartridge can be used for Scalekleen™ or other sanitizing agents to insert into all water using appliances via an existing Everpure filter head.

PENTAIR EVERPURE

Part No.	Description	Container	Ship Wgt. (Lbs.)	Price
979835	Scalekleen™, English/Spanish	2.2 Lb.	3.5	45.00
979833	Scalekleen™, English/Spanish/French	7 Oz.	0.46	11.50
960800	Sanitizing (Chargeable) Cartridge	—	1	95.50

SCALESTICK™



The ScaleStick™ scale control system from Everpure features HydroBlend™, a unique, specially blended compound developed to inhibit mineral scale deposits and provide corrosion protection in water fed food service equipment. Specifically designed for use in low flow water applications, dispensing a controlled amount of treatment for long-term protection.

PENTAIR EVERPURE

Part No.	Description	Capacity (Gal.)	Length (In.)	Price
979902	SS-10, All Applications	6 GPM, 6 Months	11.00	109.00
979932	SS-IMF Cartridge, Ice Machines	6 GPM, 6 Months	8.31	90.20

DEMINERALIZER



QC7-DM Demineralizing filter system. Lowers alkalinity and pH. Reduces scale by removing minerals. For low capacity flash steamers, sterilizers and warmers not emptied each day. Includes head.

PENTAIR EVERPURE

Part No.	Flow (GPM)	Ship Wgt. (Lbs.)	Price
927601	.5	8	300.00

PENTAIR

EVERPURE®

ACCEPT NO SUBSTITUTES.



You trust Pentair Everpure water treatment solutions to protect your water, your food and your business.

That's why you chose Pentair Everpure in the first place.

So stick with the original.

Choose only genuine Pentair Everpure Replacement Filter Cartridges.

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ICE MACHINES & REFRIGERATED FOOD SERVICE

WATER FILTRATION AND TREATMENT

DRINKING WATER SYSTEM



QL2-OW200L, drinking water system. 1/2 micron precoat filter for chlorine, taste and odor, dirt, asbestos and cyst reduction with lead and total trihalomethane reduction. For bottleless water coolers and drinking fountains.

- Capacity: 480 gallons

PENTAIR EVERPURE

Part No.	Flow (GPM)	Ship Wgt. (Lbs.)	Price
927570	.5	4	213.00

MICROGUARD™ PRO 4 FILTER



Delivers premium quality drinking water for bottleless coolers and drinking fountains. Combines membrane and carbon block technology for superior filtration results down to 0.15 microns

PENTAIR EVERPURE

Part No.	Capacity (Gal.)	Flow (GPM)	Price
963702	3,600	1	157.00

DELIMING SYSTEM



Provides easy deliming of ware washing equipment and hot water boosters. Uses Scalekleen™ scale remover. Includes high temp housing.

PENTAIR EVERPURE

Part No.	Description	Price
910091	HFC-10, Delimer	239.00

SCALE CONTROL SYSTEM



Inhibits limescale build-up and reduces corrosion. Features metering flow through head, high temperature housing and transparent HT-10 cartridge containing Hydroblend® compound effective up to 200°F, 15 gpm. Max Feeder Inlet Temperature 170°F. Inlet Outlet Size: 3/4" FNPT

PENTAIR EVERPURE

Part No.	Description	Price
979911	Kleenware HTS-11 System	643.00

DIGITAL POCKET TDS METER

- Reading "hold" function
- With soft case

PENTAIR EVERPURE

Part No.	Description	Price
650020	0-9990 ppm TDS; Temperature Reading (0-80°C)	73.10

HEAD ASSEMBLY



Parallel plumb head(s) with shutoff, flushing valve for multiples, and outlet pressure gauge. Use QC heads with MC, XC, MH, I-2000, 4000, 7K, XK, 7CB5 cartridge. Use QL heads with OCS, BH, 2K+, 4K+, 2CB5, 4CB5 cartridge.

PENTAIR EVERPURE

Part No.	Description	Price
927241	QC7I-Single	297.00
927222	QC7I-Double	525.00
927223	QC7I-Triple	745.00
925617	QL1-Single, 3/8" John Guest Fitting	42.20
927218	QL2-Single, Less Shutoff	49.10
925914	QL3-Single	78.40
925924	QL3B-Single, w/ shutoff and bracket	60.00

PROBLEM CARTRIDGE



These cartridges address specific water problems. The "7" Series cartridges should be used in a twin head system with a regular "fine" filter. 978110, 978112 fit Cuno 8000 Series heads. 960720 (ESO) cartridge designed specifically for coffee, expresso and iced tea applications

PENTAIR EVERPURE

Part No.	Description	Capacity	Price
960703	7OF–Iron, Sulfur-Low Volume	1000 ppm	211.00
960700	7DBG–T & O Extra Turbid-Carbon	40µ	187.00
960704	7SO–Hard Water-Low Volume	2000 grain	169.00
960705	7TO–Replacement Cartridge	30000 gal	157.00
960756	7TO–Extreme T & O, High Capacity	30000 gal	150.00
960701	DM–High Mineral, Low Volume	1600 grain	217.00
960710	ESO 6 Three-Stage Blending Cartridge	470 gal	176.00
960720	ESO, Three-Stage Blending Cartridge	4400 grain	187.00
960725	ESO 7 Three-Stage Blending Cartridge	600 gal	195.00
960741	6TO-BW Replacement Cartridge	24000 gal	148.00
961906	OW200L–T & O, Drinking Water	480 gal	130.00
961726	4CB5S, 5µ, Carbon, T & O, Scale	6000 gal	103.00
961716	4CB5, 5µ, Carbon, T & O	6000 gal	94.30
961736	4CB5K, 5µ, Carbon, T & O, Bact.	6000 gal	112.00
961816	7CB5, 5µ, Carbon, T & O	10000 gal	123.00
961826	7CB5S, 5µ, Carbon, T & O, Scale	10000 gal	136.00
961836	2CB-GW, Carbon, T & O	3000 gal	63.70
927369	MR-20, Use with MRS20, Reverse Osmosis	21 GPD	265.00
962703	MR-225, Use with MRS225/225CC/COMBI, Reverse Osmosis	225 GPD	623.00
962711	MR-100, Use with MRS100/100CC, Reverse Osmosis	100 GPD	541.00
962705	7CC-BW, Use with MRS100CC/225CC/350CC, Calcite Feeder, Reverse Osmosis	—	180.00
978110	Cuno, EFS8002, 5µ, Carbon, T & O	10000 gal	91.70
978112	Cuno, EFS8002S, 5µ, Carbon, T & O, Scale	10000 gal	101.00
910502	CC1E Chloramine Reduction Cartridge	15000 gal	358.00
15526303	RFFE20-BB Radial Flow Iron Reduction Cartridge	80000 gal @ 1 ppm Iron	Call

ICE MACHINES & REFRIGERATED FOOD SERVICE

WATER FILTRATION AND TREATMENT

COMPONENT REPLACEMENTS

PENTAIR EVERPURE

Part No.	Description	Price
306818	Outlet Gauge	86.60
307018	Bowl, K-20	241.00
307019	Bowl, K-10	136.00
15319506	Bowl, Clear, E-20 or SR-X	160.00
15319406	Bowl, Clear, E-10 or SR-X	75.00
150467	Big Bowl Housing for 20" H X 4 1/2" diameter cartridges, Blue	69.80
308165	IMF Bowl	71.90
307119	Bowl O-Ring, K10, K20, IMF	8.90
151120	O-Ring #241, E-Series or SR-X	3.60
311409A	Gauge, 1/8 NPT Bottom Mount	128.00
15498106	Black Head, E-Series or SR-X Systems	45.80
933650	Surge Tank Kit	742.00
302705	Low Pressure Alarm	431.00
15029506	Wrench for Filter Housing	11.40

STANDARD 10"



COSTGUARD

Part No.	Description	Ship Wgt. (Lbs.)	Price
910010	CGS-10, Single Bowl	4.5	169.00
910012	CGS-12, Twin Bowl	7.75	278.00

STANDARD 20"

COSTGUARD

Part No.	Description	Ship Wgt. (Lbs.)	Price
910020	CGS-20, Single Bowl	6.75	252.00
910022	CGS-22, Twin Bowl	12	456.00
910050	CGS-50, Triple Bowl	20	602.00

WATER FILTRATION AND TREATMENT

Costguard cartridges replace all major competitive slimline 10" and 20" bowl type cartridges and large diameter 4-1/2"–20" cartridges. "CG" Series cartridges are NSF listed carbon filter cartridges for chlorine, taste and odor reduction. "S" suffix cartridges incoporate scale reducers for heating elements, evaporator plates and valves.

10" CARTRIDGE

COSTGUARD

Part No.	Description	Capacity (Gal.)	Price
953440	EC110, Prefilter, 10", 10 micron (K–10)	—	7.40
15524843	SR-10, Scale Reducer	—	46.50
910811	CGT-10, T&O	—	23.50
910813	CGT-10S, T&O, Scale	—	31.20
910815	CG5-10, 5 Micron	6,000	27.50
910817	CG5-10S, 5 Micron, Scale	6,000	37.50
910853	CG53-10, Submicron	10,000	28.75
910857	CG53-10S, Submicron, Scale	10,000	38.75

20" CARTRIDGE

COSTGUARD

Part No.	Description	Capacity (Gal.)	Price
953420	EC210, Prefilter, 20", 10 Micron (K–20)	—	14.60
15535843	DGD 5005 Dual Density 50/5 Micron Pre-Filter Cartridge, 5 Micron	—	44.50
910542	SO-20, Softener	—	64.90
910832	CGT-20, T & O	—	38.70
910833	CGT-20S, T & O, Scale	—	51.50
910825	CG5-20, 5 Micron	12,000	45.10
910827	CG5-20S, 5 Micron, Scale	12,000	57.80
910863	CG53-20, Submicron	20,000	55.60
910867	CG53-20S, Submicron, Scale	20,000	186.00

20", 4 1/2" DIAMETER CARTRIDGE

COSTGUARD

Part No.	Description	Capacity (Gal.)	Price
155360130	EC-204, Prefilter, 10 Micron	—	46.20
910545	SO-204, Softener	—	143.00
25549443	ECP-204, Pleated, Hi Dirt, 5 Micron	—	51.30
953436	ECP1-20BB, Pleated, Hi Dirt, 1 Micron	—	Call
15524943	CGT-204, T & O	30,000	117.00
15558343	CG5-204, 5 Micron	30,000	132.00
15531243	CG53-204, Submicron	30,000	195.00

ICE MACHINES & REFRIGERATED FOOD SERVICE

WATER FILTRATION AND TREATMENT

MICRO-PLUS®



The complete treatment program for commercial ice makers, coffee urns and brewers, beverage makers and other water-using equipment such as humidifiers, steamers and residential refrigerator ice makers. Designed and manufactured to eliminate or control lime scale, silt and sediment (down to 20 microns), and objectionable tastes and odors. When properly sized, Micro-Plus will last for six months.

Nu-Calgon

Part No.	Capacity Water (Gal./Day)	Capacity Ice Maker (Lbs./Day)	Comment	Price
4615W3	12.5	125	—	41.92
4612W3	25	250	—	68.68
4613Y8	50	500	—	100.12
4614Y8	100	1,000	—	141.32
461724	50	500	Micro-Carbon 4	Call
46190	—	—	Bracket Assy, Gauge, Couplers	Call

REPLACEMENT PARTS

DOOR FRAME HEATERS



COLD VAULT

Part No.	Description	Price
BA089060	36” x 78”, 3.3 Ohm SRG, 236” (Alum Braid Wire)	Call
BA088083	34” x 78” 3.3 Ohm SRG, 232” (Alum Braid Wire, Prior to May 1976)	Call
BA088549	36” x 78” 2.2 Ohm SRG, 306”	Call
BA015835	48” x 84” 1.55 Ohm SRG, 356”	Call
BA018291	60” x 84” 1.2 Ohm SRG, 404”	Call

(Call) Please contact your local Aireco branch for pricing.

DOOR HINGES



COLD VAULT

Part No.	Description	Price
BA000230	Reversible Hinge, Satin Finish	Call
BA000231	Reversible Hinge, Polished Finish	Call

STRIP CURTAIN ASSEMBLIES



COLD VAULT

Part No.	Description	Price
BA095023	38" x 84" w/6" Strips	Call
BA095024	51" x 90" w/6" Strips	Call
BA095025	64" x 90" w/6" Strips	Call

DOOR GASKET



COLD VAULT

Part No.	Description	Price
BA016546	34" x 78" Magnetic Door Gasket	Call
BA054117	36" x 78" Magnetic Door Gasket	Call
BA016611	34" Wiper Gasket	Call
BA054028	36" Wiper Gasket	Call

COOLERS & FREEZER DISPLAY DOORS



Commercial display refrigeration solutions from Gemtron offer outstanding quality and value along with a high degree of flexibility.
Backed by a 30-year history of innovation and product leadership and a partnership with global refrigeration leader SCHOTT TERMOFROST®, Gemtronis establishing itself as the premier supplier of display refrigeration systems for convenience stores, supermarkets, drugstores, buying clubs, foodservice equipment, and other retail environments.

Common standard features

- Dual seal glass pack design
- Tempered glass
- Full perimeter, one piece snap in magnetic door gasket
- 90° door stop
- Self closing, one step adjustable tension doors
- Field reversible doors (except YUKON)
- UL/NSF approval
- Large, customer-friendly 12-inch, front-mounted, high-impact, durable handle (except YUKON)
- Bottom mounted hold open feature
- Tested for more than 500,000 openings
- Black, Polished Aluminum, Silver Satin, Silver Serrated, Smooth Gold, and Gold Serrated finishes
- Available in 1, 2, 3, 4, and 5-door configurations, full flanged or continuous frame
- Pre-mounted T-8 high-output, high-efficiency lighting with lens

TUNDRA designed for normal temperature applications

- No-heat door glass
- High-efficiency, two-pane, low-e design
- Protects against condensation to 72% RH

SIERRA designed for high humidity, normal temperature applications

- Energy-efficient heater design
- High efficiency, two pane heated glass design
- 12-inch front-mounted handle

POLAR designed for low temperature applications

- Three-pane, heated glass pack design

YUKON designed for economical value

- High-efficiency, two-pane design
- Black aluminum handle with customer-friendly design
- Normal-temperature and low-temperature product options

WIRE SHELF



The Technibilt Shelving System is a new modular wire shelving system that provides solutions for all your storage and transport applications. The TSS shelving line features high quality, offers excellent strength characteristics, and includes finishes to complement your operation.
TSS shelving is designed to meet today's challenge of many space use requirements for various markets. Shelves are adjustable on 1" increments, and come in a wide selection of sizes for everyday use.

- No tools required for assembly
- All welded construction
- Wire trusses increase strength
- Collar adapters secure shelf corners to posts
- Aesthetically pleasing, high-tech look
- Top mat wires run front to back for easy loading and unloading of products
- Wire allows air to circulate, and light to penetrate
- Numbered & grooved posts, allow for 1" increments
- 16 year warranted Duro Seal finish
- Full line of accessories available

COLD VAULT™

AIR DOORS



Mars Air Doors offers an excellent choice of commercial grade air curtains designed to greatly enhance your work environment. A wide choice of units is offered for diverse locations such as retail stores and office buildings, restaurants, drive-up windows, hospitals and convalescent homes, concession stands, refrigerated cold storage, clean rooms, and more. Various air flow choices and sizes enable you to tailor your selection to your specific requirements. These quality-built units help to reduce windborne dust, pollen, smoke, flying insects, and maintain desired interior temperatures. This creates greater worker productivity through improved working conditions, higher employee morale, less employee downtime from airborne infections and allergies, and adherence to many industry requirements and standards. The units feature high tensile strength PolyMars™ housings that are impervious to all types of chemical and climatic exposures. The PolyMars material not only maintains its attractive appearance, but also deadens operating sound levels to provide the quietest air curtain in the industry. All Mars Air Curtains have a self-contained one piece housing, and are fire retardant and corrosion proof. For your added convenience, Mars offers C, CH, and CHS Series air curtains, which are similar in design and construction except for differences in outlet air flow and motor capacity.

The C Model, for doors typically up to 8' high, designed to mount over customer entrances, creates a mild curtain of air undetected by customers walking through the doorway. It acts as a continual barrier against outside climate to maintain the desired interior temperature. The unit also prevents loss of refrigerated air and reduces humidity or ice buildup, in coolers and freezers. The CH for doors to 10' high and CHS for doors to 12' high Models produce a greater velocity of air flow. Recommended for above average insect conditions.

CUSTOMER ENTRANCE DOORS

Part No.	Motor(s) HP	Max CFM Nozzle	Net Length	Weight (Lbs.)	Price
36C	1/2	1,700	3’	50	Call
38C	1/2	1,700	3’ 2"	52	Call
42C	1/2	1,700	3’ 6"	55	Call
48C	1/2	1,700	4’	60	Call
60C	1/2	2,550	5’	65	Call
60C-2	1/2 (2 ea)	3,440	5’	95	Call
72C-2	1/2 (2 ea)	3,440	6’	105	Call
96C-2	1/2 (2 ea)	3,440	8’	130	Call

(Call) Please contact your local Aireco branch for pricing.

RECEIVING/SERVICE DOORS

Part No.	Motor(s) HP	Max CFM Nozzle	Net Length	Weight (Lbs.)	Price
36CH	1/2	2,550	3’	50	Call
38CH	1/2	2,550	3’ 2"	52	Call
42CH	1/2	2,550	3’ 6"	55	Call
42CHS	1	4,000	3’ 6"	80	Call
48CH	1/2	2,550	4’	60	Call
48CHS	1	4,000	4’	85	Call
60CH-2	1/2 (2 ea)	5,100	5’	95	Call
60CHS	1	4,000	5’	90	Call
72CH-2	1/2 (2 ea)	5,100	6’	105	Call
96CH-2	1/2 (2 ea)	5,100	8’	130	Call
96CHS-2	1 (2 ea)	8,000	8’	160	Call

(Call) Please contact your local Aireco branch for pricing.

STRIP CURTAIN

Cooler Strip Material
Formulated for cooler as well as indoor/outdoor applications, withstanding temperatures from -10°F to +150°F. Our most versatile material. Will not discolor in sunlight.

Freezer Strip Material
Interior applications only due to material variations. Recommended for cooler/freezer applications. Meets requirements for food service operations and USDA inspected facilities. Remains flexible in temperatures as low as -40°F. Reinforced material utilizes nylon string extruded within material to prevent elongation or shrinkage due to temperature variations Clear-Flex II® Strip Doors can be used for almost any application. When choosing strip sizes and overlaps, consider the following points:

- For taller doors, the strips should be heavier and wider
- Smaller width strips are easier to pass through than the wider strips
- When air movement is a problem, choose the wider strip with full overlap

6" material recommended for interior applications to 7' high openings, 8" material recommended for interior applications to 10', exterior applications to 7' high openings

CURTAIN ASSEMBLY



Max Bullet Mounting System

- 75% faster initial installation time, 90% faster strip replacement time
- Aluminum hardware won't rust or corrode
- One-piece system with (no nuts or bolts) eliminates cracks and crevices where dirt and bacteria accumulate
- .125" thick aluminum extrusion
- NSF Certified when freezer material utilized
- All listed systems are 40" wide, 84" long

ALECO E·S·ROBBINS

Part No.	Application	Strip Width (In.)	Thickness (In.)	Price
440040	Cooler	6	0.060	Call
440043	Cooler	8	0.080	Call
440041	Freezer	6	0.060	Call
440044	Freezer	8	0.080	Call
440042	Freezer, Reinforced	6	0.060	Call
440045	Freezer, Reinforced	8	0.080	Call

REPLACEMENT STRIPS



- Strips are 84" long

ALECO E·S·ROBBINS

Part No.	Application	Strip Width (In.)	Thickness (In.)	Price
470006	Cooler	6	0.060	Call
470008	Cooler	8	0.080	Call
472106	Freezer	6	0.060	Call
472008	Freezer	8	0.080	Call
472107	Freezer, Reinforced	6	0.060	Call
472007	Freezer, Reinforced	8	0.080	Call

REFRIGERATED FOOD SERVICE

UNDERCOUNTER REFRIGERATOR



- Unique field assembled, bottom mounted ventilation system designed to allow cabinets to be flush against a wall or built into a counter to conserve space
- Performance-rated refrigeration system utilizing environmentally safe R-134a (refrigerators), R-404A (freezers)
- Easily serviceable back mounted compressor
- Cabinet construction consisting of stainless steel front, aluminum top, end panels, back and interior
- Noncorrosive, plasticized fin evaporator coil
- Automatic, energy saving, non-electric condensate evaporator
- 2" Non-CFC polyurethane foam insulation
- Spring loaded, self-closing door with magnetic snap-in gasket
- 3 5/8" Casters
- Heavy-duty, epoxy-coated steel shelves
- Field rehingeable doors
- Meets ADA height requirements
- Depth: 30", height: 31-61/64" with casters
- Voltage: 115/1/60

Continental

Part No.	HP	Width (In.)	Interior Capacity (Ft.Cu.)	Ship Wt. (Lbs.)	Price
UC27	1/5	27-1/2	7.4	165	Call
UC32	1/5	32	9	221	Call
UC36	1/5	36	10.3	239	Call
UC48	1/5	48	13.4	248	Call
UC60	1/4	60	17.0	284	Call
UC72	1/4	72	20.6	318	Call

UNDERCOUNTER FREEZER

Continental

Part No.	HP	Width (In.)	Interior Capacity (Ft.Cu.)	Ship Wt. (Lbs.)	Price
UFC27	1/3	27-1/2	7.4	165	Call

ICE MACHINES & REFRIGERATED FOOD SERVICE

REFRIGERATED FOOD SERVICE

WORKTOP REFRIGERATOR



- Performance-rated refrigeration system utilizing environmentally safe R-134a (refrigerators), R404A (freezers)
- Easily serviceable back mounted compressor
- Cabinet construction consisting of stainless steel front and top, aluminum end panels, case back and interior
- Noncorrosive, plasticized fin evaporator coil
- Automatic, energy saving, non-electric condensate evaporator
- SW*BS includes 6" back splash
- Depth: 30", height: 35" with casters
- Voltage: 115/1/60

Continental

Part No.	HP	Width (In.)	Interior Capacity (Ft.Cu.)	Ship Wt. (Lbs.)	Price
SW27	1/5	27-1/2	7.4	165	Call
SW27BS	1/5	27-1/2	7.4	170	Call
SW32	1/5	32	9	221	Call
SW36	1/5	36	10.3	239	Call
SW48	1/5	48	13.4	248	Call
SW60	1/4	60	17.0	284	Call
SW72	1/4	72	20.6	318	Call
SW72BS	1/4	72	20.6	334	Call

WORKTOP FREEZER

- Utilizes R404A refrigerant
- Voltage: 115/1/60

Continental

Part No.	HP	Width (In.)	Interior Capacity (Ft.Cu.)	Ship Wt. (Lbs.)	Price
SWF27	1/3	27-1/2	7.4	165	Call
SWF32	1/3	32	9	221	Call
SWF36	1/3	36	10.3	239	Call
SWF48	1/2	48	13.4	248	Call
SWF60	1/2	60	17.0	284	Call

SANDWICH UNIT, 12" CUTTING BOARD



- Unique air flow distribution allows pan product to maintain 33–41°F and has been requalified and listed with NSF to be in compliance with the new 1998 NSF standard for preparation units
- Depth: 30", height: 43"
- Voltage: 115/1/60

Continental

Part No.	HP	Width (In.)	No. Pans	Ship Wt. (Lbs.)	Price
SW278	1/5	27-1/2	8	180	Call
SW328	1/5	32	8	236	Call
SW368	1/5	36	8	254	Call
SW488	1/5	48	8	267	Call
SW3610	1/5	36	10	254	Call
SW4810	1/5	48	10	268	Call
SW4812	1/5	48	12	270	Call
SW6012	1/4	60	12	311	Call
SW6016	1/4	60	16	315	Call
SW7212	1/4	72	12	385	Call
SW7218	1/4	72	18	389	Call

SANDWICH UNIT, MIGHTY TOP, 10" CUTTING BOARD



- Depth: 34", height: 43"
- Voltage: 115/1/60

Continental

Part No.	HP	Width (In.)	No. Pans	Ship Wt. (Lbs.)	Price
SW2712M	1/5	27-1/2	12	188	Call
SW3212M	1/5	32	12	236	Call
SW3612M	1/5	36	12	254	Call
SW3615M	1/5	36	15	254	Call
SW4812M	1/5	48	12	282	Call
SW4818M	1/5	48	18	285	Call
SW6018M	1/4	60	18	322	Call
SW6024M	1/4	60	24	330	Call
SW7218M	1/4	72	18	398	Call
SW7227M	1/4	72	27	414	Call

REFRIGERATED FOOD SERVICE

SANDWICH UNIT, FRONT BREATHER



- Unique air flow distribution allows pan product to maintain 33–41°F and has been requalified and listed with NSF to be in compliance with the new 1998 NSF standard for preparation units
- 3-5/8" casters with 2 brakes, 2 without brakes
- Dimensions: 31" D x 40-7/8" H x 48" W
- Voltage: 115/1/60

Continental

Part No.	HP	Interior Capacity (Ft.Cu.)	Cutting Board Depth (In.)	No. Pans	Ship Wt. (Lbs.)	Price
SW488FB	1/5	13.4	12	8	267	Call
SW4810FB	1/5	13.4	12	10	268	Call
SW4812FB	1/5	13.4	12	12	270	Call
SW488CFB	1/5	13.4	19	8	270	Call
SW4810CFB	1/5	13.4	19	10	270	Call
SW4812CFB	1/5	13.4	19	12	280	Call
SW4812MFB	1/5	13.4	10	12	282	Call
SW4818MFB	1/5	13.4	10	18	285	Call

PIZZA PREP, FORCED AIR



- Unique forced air design utilizes fans (approx. every 12") across the entire back of unit for even distribution of air
- Designed to maintain NSF-7 temperatures at 100°F ambient
- Performance-rated refrigeration system utilizing environmentally safe R-134a refrigerant
- "Ergonomically Friendly" raised rail angled for greater ease and comfort when reaching to dispense food from pans
- High density non-CFC polyurethane foamed-in-place insulation
- 5" swivel casters
- Extra-wide 19" high density, full length polyethylene cutting board
- Spring loaded, self-closing door with magnetic snap-in gasket
- Cabinet construction consisting of heavy gauge #300 Series stainless steel top, stainless steel front and end panels, aluminum case back and interior
- Field rehingeable doors
- Offers more refrigerated storage capacity by taking advantage of the space above the side mounted condensing unit with either a door or drawer that can accommodate a 12 x 20 x 6 pan.
- Depth: 36", height: 39-7/16"
- Voltage: 115/60/1

Continental

Part No.	HP	Width (In.)	Interior Capacity (Ft.Cu.)	Ship Wt. (Lbs.)	Price
CPA43	1/3	43	12	355	Call
CPA60	1/2	60	19	425	Call
CPA68	1/2	68	22	495	Call
CPA93	3/4	93	32	605	Call

REFRIGERATED BASE

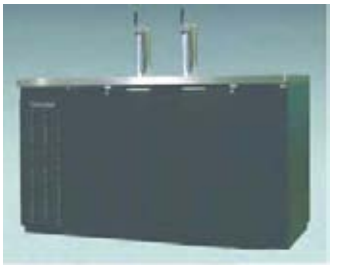
- Depth: 35-1/2", height: 35"
- Voltage: 115/1/60

Continental

Part No.	HP	Width (In.)	Interior Capacity (Ft.Cu.)	Ship Wt. (Lbs.)	Price
CRB42	1/4	42-1/4	8	335	Call
CRB67	1/3	67-1/4	17	470	Call
CRB92	1/2	92-1/4	26	580	Call
CRB117	1/2	117-1/4	35	705	Call

REFRIGERATED FOOD SERVICE

KEG COOLER



- Performance-rated refrigeration system utilizing environmentally safe R-134a refrigerant
- Long lasting, wear resistant, textured backed enamel finish (black) with all stainless steel countertop
- Heavy-duty, galvanized steel interior with reinforced stainless steel floor
- Full length, extra large, non-corrosive, plasticized fin evaporator coil provides uniform air flow distribution
- Continuously cooled 3" diameter beer column with stainless steel lever faucet
- KC59 and larger have 2 beer columns
- Depth: 27", height: 36-3/4" + 12" tower
- Voltage: 115/1/60
- Front breathing (except KC24)

Continental

Part No.	HP	Width (In.)	Storage Capacity (Ft.Cu.)	Barrels	Straight Wall	Ship Wt. (Lbs.)	Price
KC24*	1/5	24	8	1	1	210	Call
KC50	1/3	50	16	0	2	355	Call
KC59	1/3	59	22	2	3	385	Call
KC69	1/3	69	26	3	3	415	Call
KC79	1/3	79	28	4	4	455	Call
KC90CRC	1/2	90	35	4	5	505	Call

*depth 31-1/8, height 38-1/2 + 12" tower

BOTTLE COOLER



- Long lasting, wear resistant, textured baked enamel finish (black) with stainless steel top and slide lids
- Heavy-duty, long lasting galvanized steel interior
- Performance-rated refrigeration system utilizing environmentally safe R-134a refrigerant
- Front, rear and side venting louvres allow greater condenser air flow for tight fit installations
- Heavy-duty bottle cap opener with extra capacity, removable cap catcher
- Depth: 27-1/2", height: 33-1/2"
- Voltage: 115/1/60

Continental

Part No.	HP	Width (In.)	Case Storage Capacity (Ft.Cu.)	12 Oz. Bottle	12 Oz. Can	Ship Wt. (Lbs.)	Price
CBC37	1/5	37	10.3	12	18.5	215	Call
CBC50	1/3	50	15.1	18	27.0	265	Call
CBC64	1/3	64	20.3	25	37.0	315	Call
CBC95	1/2	95	32.0	40	59.0	435	Call

GLASS AND PLATE CHILLER



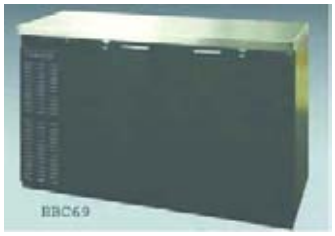
- Long lasting, wear resistant, textured baked enamel finish (black) with stainless steel top and slide lids with heavy-duty galvanized steel interior
- Full length coil provides fast frosting, uniformly distributed air flow for quick top row glass frosting
- Extra capacity refrigeration system utilizing environmentally safe R- 404A refrigerant allows for glass frosting in less than five minutes
- Cabinet will maintain 0° F and below for fast frosting of wet or dry glasses
- Depth: 27-1/2", height: 33-1/2"

Continental

Part No.	HP	Width (In.)	Storage Capacity (Ft.3)	Voltage	Ship Wt. (Lbs.)	Price
CGC37	1/3	37	10.3	115/1/60	225	Call
CGC50	1/3	50	15.1	115/1/60	285	Call

REFRIGERATED FOOD SERVICE

BACK BAR COOLER



- Long lasting, wear resistant, textured baked enamel finish (black) with stainless steel countertop
- Heavy duty, long lasting galvanized steel interior with reinforced stainless steel floor
- Performance-rated refrigeration system utilizing environmentally safe R-134a refrigerant
- Depth: 27", height: 36-3/4"

Continental

Part No.	HP	Width (In.)	Storage Capacity (Ft.Cu.)	Voltage	Ship Wt. (Lbs.)	Price
BBC50	1/3	50	16	115/1/60	355	Call
BBC59	1/3	59	22	115/1/60	385	Call
BBC69	1/3	69	26	115/1/60	415	Call
BBC79	1/3	79	28	115/1/60	455	Call
BBC90	1/2	90	35	115/1/60	505	Call

REACH-IN

SOLID DOOR REFRIGERATOR



- Stainless steel front, aluminum ends and interior
- SA models stainless steel front and ends, aluminum interior
- Performance-rated refrigeration system utilizing environmentally safe R-134a refrigerant
- 3" non-CFC polyurethane foam insulation
- Height includes 5" casters
- Self-closing doors
- Cylinder lock in each door
- Automatic electric condensate evaporator
- Depth: 35-1/2", height: 82-1/4"

ENERGY STAR PARTNER Continental

Part No.	No. Doors	HP	Width (In.)	Volume (Ft.Cu.)	Voltage	Ship Wgt. (Lbs.)	Price
1DR	1	1/4	26	20	115/1/60	310	Call
1DRSA	1	1/4	26	20	115/1/60	310	Call
2DR	2	1/3	52	48	115/1/60	520	Call
2DRSA	2	1/3	52	48	115/1/60	520	Call
3DR	3	1/2	78	70	115/1/60	725	Call
3DRSA	3	1/2	78	70	115/1/60	725	Call

SOLID DOOR FREEZER



- Stainless steel front, aluminum ends and interior
- SA models stainless steel front and ends, aluminum interior
- Performance-rated refrigeration system utilizing environmentally safe R-404a refrigerant
- Designed for 0°F cabinet
- 3" non-CFC polyurethane foam insulation
- Depth: 35-1/2", height: 82-1/4"
- The 1 and 2-door units are ENERGY STAR® qualified

Continental

Part No.	No. Doors	HP	Voltage	Width (In.)	Volume (Ft.Cu.)	Ship Wgt. (Lbs.)	Price
1DF	1	1/3	115/1/60	26	20	325	Call
1DFSA	1	1/3	115/1/60	26	20	325	Call
2DF	2	1/2	115/1/60	52	48	555	Call
2DFSA	2	1/2	115/1/60	52	48	555	Call
3DF	3	3/4	208-230/1/60	78	70	790	Call
3DFSA	3	3/4	208-230/1/60	78	70	790	Call

REACH-IN

SOLID DOOR LOW TEMPERATURE



- Performance-rated refrigeration system utilizing environmentally safe R-404a refrigerant
- Designed for (-15°F) cabinet - ideal for ice cream
- Thermal expansion valve governs refrigerant flow for quick recovery
- 3" non-CFC polyurethane foam insulation
- Stainless steel front, aluminum ends and interior

Continental

Part No.	No. Doors	HP	Dimensions (in)			Volume (Ft.Cu.)	Voltage	Ship Wgt. (Lbs.)	Price
			H	W	D				
1FLT	1	3/4	82-1/4	26	35-1/2	20	208-230/1/60	425	Call
2FLT	2	1	85-3/4	52	35-1/2	48	208-230/1/60	580	Call

DUAL TEMPERATURE

- Separate refrigeration systems, half doors
- Stainless steel front, aluminum ends and interior

Continental

Part No.	No. Doors	HP		Dimensions (in)			Volume		Voltage	Ship Wgt. (Lbs.)	Price
		Freezer	Refrigerator	H	W	D	Freezer	Refrigerator (Ft.Cu.)			
1RF	2 (1/2 Doors)	1/5	1/4	82-1/4	26	35-1/2	10	10	115/1/60	420	Call
2RF	2	1/4	1/3	82-1/4	52	35-1/2	20	20	115/1/60	580	Call

GLASS DOOR REFRIGERATOR



- Stainless steel front, aluminum ends and interior
- Performance-rated refrigeration system utilizing environmentally safe R-134a refrigerant
- 3" non-CFC polyurethane foam insulation
- 2RSGD includes sliding glass doors

Continental

Part No.	No. Doors	HP	H	W	D	Volume (Ft.Cu.)	Voltage	Ship Wgt. (Lbs.)	Price
1RGD	1	1/3	82-1/4	26	35-1/2	20	115/1/60	315	Call
2RGD	2	1/2	82-1/4	52	35-1/2	48	115/1/60	530	Call
2RSGD	2	1/2	82-1/4	52	35-1/2	48	115/1/60	530	Call
3RGD	3	3/4	82-1/4	78	35-1/2	70	208-230/1/60	740	Call

GLASS DOOR FREEZER

- Stainless steel front, aluminum ends and interior
- Utilizes environmentally safe R404A refrigerant
- Designed for 0°F cabinet
- Thermal expansion valve governs refrigerant flow for quick recovery
- 3" non-CFC polyurethane foam insulation
- Voltage: 208/230/1/60 (1-door height: 82-1/4", voltage: 115/1/60)

Continental

Part No.	No. Doors	HP	Dimensions (in)			Volume (Ft.Cu.)	Ship Wgt. (Lbs.)	Price
			H	W	D			
1FGD	1	1/3	82-1/4	26	35-1/2	20	330	Call
2FGD	2	1	85-3/4	52	35-1/2	48	565	Call
3FGD	3	1-1/2	85-3/4	78	35-1/2	70	805	Call

REACH-IN



- Top mount, high performance refrigeration system
- Delrite One-piece interior liner
- Sized to fit easily thru doorways
- Easy shelf adjustment
- Oversized magnetic gasket
- Environmentally friendly high density polyurethane foam insulation
- Self-closing edge-mounted hinges
- Field rehingeable door option
- Casters mounted from the factory
- Large internal storage capacity
- Quick grip, long length recessed door handles
- Tough ABS door liner with gasket protection
- Stainless steel exterior front
- Heavy-duty lock system

DELFIELD

6000XL SERIES REFRIGERATOR

	Door		Dimensions (in)				
Part No.	Height	Sections	H	W	D	Storage CU. FT	Price
6025XL-S	Full	One	79.5	25.5	32.6	20.0	9240.00
6051XL-S	Full	Two	79.5	51	32.6	43.5	10866.00

6000XL SERIES FREEZER

	Door		Dimensions (in)				
Part No.	Height	Sections	H	W	D	Storage CU. FT	Price
6125XL-S	Full	One	79.5	25.5	32.6	20.0	10012.00
6151XL-S	Full	Two	79.5	51	32.5	43.5	13374.00



- Stainless steel interior front
- Mill finish aluminum exterior sides
- Gray coated aluminum interior
- Anodized aluminum interior floor
- 5 position pin shelf support
- 10' cord and plug attached
- 180° door opening
- 5" locking casters shipped loose for field installation
- Digital exterior temperature display with high/low temp visual alarms
- Energy efficient door gasket – removable without tools
- Energy saving LED interior light
- Gray epoxy coated shelves (3 per section) with shelf bridge
- GreenGenius™ R290 top mount refrigeration system

DELFIELD

GC SERIES REFRIGERATOR

	Door		Dimensions (in)				
Part No.	Height	Sections	H	W	D	Storage CU. FT	Price
GCR1P-S	Full	One	79.5	27.4	32.5	21	5505.00
GCR2P-S	Full	Two	79.5	55.2	32.5	46	7322.00
GCR3P-S	Full	Three	79.5	83	32.5	71	9889.00

GC SERIES FREEZER

	Door		Dimensions (in)				
Part No.	Height	Sections	H	W	D	Storage CU. FT	Price
GCF1P-S	Full	One	79.5	27.4	32.5	21	6879.00
GCF2P-S	Full	Two	79.5	55.2	32.5	46	9648.00
GCF3P-S	Full	Three	79.5	83	32.5	71	12687.00

ICE MACHINES & REFRIGERATED FOOD SERVICE

ACCESS FITTING

SADDLE TAP VALVE



- Self piercing on copper tubing or .035 wall hard PVC
- Fits 3/8" OD through 1-3/8" OD tubing or pipe
- Has a reversible lower bracket designed to prevent 3/8" tubing from collapsing

Supco

Part No.	Compression Outlet Size (In.)	Price
STV2	1/4	4.08

REACH-IN LATCH

SURFACE MOUNT



- Material: high pressure die-cast zinc body and strike housing, steel tongue; forged brass handle
- Finish: polished chrome
- Strike: micrometer adjustable, padlock provision. Drilled and countersunk for No 8 screws.

KASON

Part No.	Description	Offset (In.)	Price
0020000004	Latch and Strike	Flush to 1/4	Call
0020000020	Latch and Strike	3/4 to 1 1/4	Call
0020000056	Latch Only	—	Call

REACH-IN EDGEMOUNT LATCH

MAGNETIC



- Material/finish: high pressure diecast zinc body and adjustment plate, chrome finish; glass reinforced composite handle; steel strike, chrome finish
- Drilled and countersunk for No. 10 screws
- Overall dimension: 10-17/32"L x 1-1/8"W x 2 7/8"H

KASON

Part No.	Description	Color	Price
0170000004	Latch, Strike; Offset Handle	Gray	Call
0170000008	Latch, Strike; Offset Handle	Black	Call
0170S00008	Latch, Strike; Straight Handle	Black	Call

MAGNETIC MECHANICAL



- Material/finish: high pressure diecast zinc body, handle and strike, steel strike pin; chrome finish
- Drilled and countersunk for No. 10 screws
- Overall dimension: 10-17/32"L x .96"W x 1-5/8"H

KASON

Part No.	Description	Comment	Price
0172000006	Latch, Strike; Straight Handle	—	Call
0172B00006	Latch, Strike; Offset Handle	—	Call
0172BC0006	Latch, Strike; Offset Handle	w/Cylinder Lock	Call
0172C00006	Latch, Strike; Straight Handle	w/Cylinder Lock	Call
0172CM0004	Cylinder Lock Kit w/Key	—	Call
0172000002	Strike Plate Only	—	Call

MECHANICAL



- Material/finish: high pressure diecast zinc body, adjustment plate and handle; chrome finish; steel strike
- Drilled and countersunk for No. 10 screws
- 0173: latch body with universal strike; adjustment 9/32"to 19/32"
- 0174: latch body with standard strike; adjustment 13/32"to 23/32"
- Overall dimension: 10-1/2"L x 1"W x 1-15/16"H

KASON

Part No.	Description	Strike	Comment	Price
0173000004	Latch, Strike; Straight Handle	Universal	—	Call
0173B00004	Latch, Strike; Offset Handle	Universal	—	Call
0173BC0004	Latch, Strike; Offset Handle	Universal	w/Cylinder Lock	Call
0173C00004	Latch, Strike; Straight Handle	Universal	w/Cylinder Lock	Call
0174000004	Latch, Strike; Straight Handle	Standard	—	Call
0174B00004	Latch, Strike; Offset Handle	Standard	—	Call
0174BC0004	Latch, Strike; Offset Handle	Standard	w/Cylinder Lock	Call
0174C00004	Latch, Strike; Straight Handle	Standard	w/Cylinder Lock	Call
0174C00012	Cylinder Lock Kit w/Key	—	0173/0174	Call
0174000008	Strike Plate Only	Standard	—	Call

MAGNETIC



- Material/finish: high pressure diecast zinc body, adjustment plate and straight or offset handle; steel strike; chrome finish,
- Drilled and countersunk for No. 10 screws
- Overall dimension: 11-1/2"L x 1-1/8"W x 2"H

KASON

Part No.	Description	Finish	Comment	Price
0171000004	Latch, Strike; Straight Handle	Chrome	—	Call
0171B00004	Latch, Strike; Offset Handle	Gray	—	Call
0171B00008	Latch, Strike; Offset Handle	Black	—	Call
0171BC0004	Latch, Strike; Offset Handle	Gray	w/Cylinder Lock	Call
0171BC0008	Latch, Strike; Offset Handle	Black	w/Cylinder Lock	Call
0171C00004	Latch, Strike; Straight Handle	Chrome	w/Cylinder Lock	Call
0171CM0004	Cylinder Lock Kit w/Key	—	—	Call

REACH-IN EDGEMOUNT LATCH

TRIGGER ACTION MECHANICAL



- Material: high pressure die-cast zinc body and strike housing, solid brass handle, strike insert and tongue
- Finish: polished chrome
- Strike: two-way adjustable
- Drilled and countersunk for No. 10 screws
- Overall dimension: 10-11/16"Lx 1-1/8"W x 15/16"H

KASON

Part No.	Description	Comment	Price
0531000004	Latch, Strike; Straight Handle	—	Call
0531B00004	Latch, Strike; Offset Handle	—	Call
0531BC0004	Latch, Strike; Offset Handle	w/Cylinder Lock	Call
0531C00004	Latch, Strike; Straight Handle	w/Cylinder Lock	Call
0531CM0004	Cylinder Lock Kit w/Key	—	Call

MECHANICAL



- Material: high pressure die-cast zinc body, handle and strike; solid brass tongue
- Finish: polished chrome
- Strike: two-way adjustable
- Drilled and countersunk for No. 10 screws
- Overall dimension: 9-5/16"L x 1"W x 1-29/32"H

KASON

Part No.	Description	Comment	Price
0533D00004	Latch & Strike	Padlockable	Call
0533000016	Latch Only	Padlockable	Call
0533D00024	Strike Only	Padlockable	Call

MECHANICAL



- Material: high pressure die-cast zinc body, handle and strike; solid brass tongue
- Finish: polished chrome
- Strike: two-way adjustable
- Drilled and countersunk for No. 10 screws
- Overall dimension: 10-11/16"L x 1"W x 1-29/32"H

KASON

Part No.	Description	Comment	Price
0538000004	Latch and Strike	Padlockable	Call
0538C00004	Latch and Strike	w/Cylinder Lock	Call
0538CM0004	Cylinder Lock Kit w/Key	—	Call

REACH-IN SURFACE MOUNT HINGE

NYLON BEARING



- Material: high pressure die-cast zinc flange and strap; stainless steel loose pin with nylon bearing washer
- Finish: polished chrome
- Drilled and countersunk for No. 8 screws
- Wall flange: 2-9/32"W x 2-5/32"L
- Package of 2
- Strap: 2"W

KASON

Part No.	Offset (In.)	Price
1070A00016	7/8	Call
1070A00024	1-1/8	Call

NARROW FLANGE



- Material: high pressure die-cast zinc, stainless steel pin
- Finish: polished chrome
- Drilled and countersunk for No. 8 screws
- Wall flange: 3-1/16"W x 1-13/32"L
- Strap: 2"W
- Package of 2

KASON

Part No.	Offset (In.)	Price
0139000004	Flush	Call
0139000012	1/4	Call
0139000016	3/8	Call
0139000024	5/8	Call
0139000028	3/4	Call
0139000032	7/8	Call
0139000036	1	Call
0139000040	1-1/8	Call

NARROW FLANGE



- Material: high pressure die-cast zinc, stainless steel pin
- Finish: polished chrome
- Drilled and countersunk for No. 8 screws
- Wall flange: 3-1/16"W x 1-13/32"L
- Strap: 2"W
- Package of 2

KASON

Part No.	Offset (In.)	Price
1070000004	Flush	Call
1070000008	1/8	Call
1070000012	1/4	Call
1070000016	3/8	Call
1070000024	5/8	Call
1070000028	3/4	Call
1070000032	7/8	Call
1070000036	1	Call
1070000040	1-1/8	Call

ICE MACHINES & REFRIGERATED FOOD SERVICE

REACH-IN SURFACE MOUNT HINGE

LARGE NARROW FLANGE



- Material: high pressure die-cast zinc flange and strap; stainless steel pin
- Finish: polished chrome
- Drilled and countersunk for No. 10 screws
- Wall flange: 3-23/32"W x 1-7/32"L
- Package of 2
- Strap: 2 3/8"W

KASON

Part No.	Offset (In.)	Price
1071000032	7/8	Call
1071000040	1-1/8	Call

LARGE NYLON BEARING



- Material: high pressure die-cast zinc flange and strap; stainless steel loose pin with nylon bearing washer
- Finish: polished chrome
- Drilled and countersunk for No. 10 screws
- Wall flange: 2-13/16"W x 2-5/32"L
- Package of 2
- Strap: 2 3/8"W

KASON

Part No.	Offset (In.)	Price
1071A00036	7/8	Call
1071A00044	1-1/8	Call

REACH-IN EDGEMOUNT HINGE

SLIMLINE/LIGHTWEIGHT DOOR



- Material: high pressure die-cast zinc
- Finish: polished chrome
- Adjustment range: 3/16"
- Overall length: 4-17/32"
- Width: 7/8"
- Package of 2

KASON

Part No.	Description	Offset (In.)	Price
0211000001	Hinge Strap & Flange	1-1/8	Call
0211000002	Cover & Adjustment Plate	—	Call

ADJUSTABLE



- Material: high pressure die-cast zinc flange and adjustment plate, steel strap, brass cover
- Finish: polished chrome
- Adjustment range: 3/16"
- Drilled and countersunk for No. 10 screws
- Overall length: 5"
- Width: 1-1/16"
- Package of 2

KASON

Part No.	Offset (In.)	Price
0212000004	7/8	Call
0212000008	1-1/8	Call
0212000012	1-3/8	Call

STANDARD



- Material: high pressure die-cast zinc flange, steel strap, brass cover
- Finish: polished chrome
- Drilled and countersunk for No. 10 screws
- Overall length: 5"
- Width: 13/16"
- Package of 2

KASON

Part No.	Offset (In.)	Price
0213000004	7/8	Call
0213000008	1-1/8	Call
0213000012	1-3/8	Call

ADJUSTABLE



- Material: high pressure die-cast zinc flange and adjustment plate, steel strap, brass cover
- Finish: polished chrome
- Adjustment range: 1/8"
- Overall length: 5"
- Width: 13/16"
- Package of 2

KASON

Part No.	Offset (In.)	Price
0214000004	7/8	Call
0214000008	1-1/8	Call
0214000012	1-3/8	Call

ADJUSTABLE CAM RISE



- Material: high pressure die-cast zinc strap, flange and adjustment plate, brass cover; self-lubricating nylon reversible cam, Oilite bearing, stainless steel pin
- Finish: polished chrome
- Adjustment range: 3/16"
- Drilled and countersunk for No. 10 screws
- Overall length: 4 3/8"
- Width: 1-5/32"
- Package of 2

KASON

Part No.	Description	Price
0215000004	Cam Rise Adjustable Hinge	Call
0215003610015C	Hinge Cover	Call

ADJUSTABLE



- Material: high pressure die-cast zinc flange and adjustment plate, steel strap, brass cover
- Finish: polished chrome
- Adjustment range: 3/16"
- Drilled and countersunk for No. 10 screws
- Overall length: 5-3/4"
- Width: 1-1/8"
- Package of 2

KASON

Part No.	Description	Offset (In.)	Price
0217000004	Adjustable Hinge	7/8	Call
0217000008	Adjustable Hinge	1-1/8	Call
0217000012	Adjustable Hinge	1-3/8	Call
0217S00008	Adjustable Hinge, w/Stop	1-1/8	Call
0217S00012	Adjustable Hinge, w/Stop	1-3/8	Call
0217003610015C	Hinge Cover Only	—	Call

REACH-IN EDGEMOUNT HINGE

ADJUSTABLE SPRING



- Material: high pressure die-cast zinc flange, adjustment plate and spring cartridge, steel strap; chrome
- Finish: polished chrome
- Adjustment range: 3/16"
- Drilled and countersunk for No. 10 screws
- Overall length: 5-3/4"
- Width: 1-1/8"
- Package of 2

KASON

Part No.	Description	Offset (In.)	Price
0218000004	Adjustable Spring Hinge	7/8	Call
0218000008	Adjustable Spring Hinge	1-1/8	Call
0218000012	Adjustable Spring Hinge	1-3/8	Call
0218000028	Spring Cartridge Only	—	Call

ADJUSTABLE SPRING



- Material/finish: high pressure diecast zinc flange and adjustment plate, steel strap, polished chrome plated brass cover. Spring kit included.
- Adjustment range: 3/16"
- Drilled and countersunk for No. 10 screws,
- Overall length: 5-3/4"
- Width: 1-1/8",
- Package of 2

KASON

Part No.	Description	Offset (In.)	Price
0220000008	Adjustable Spring Hinge	1-1/8	Call
0220000012	Adjustable Spring Hinge	1-3/8	Call
0220000027	Spring Cartridge Only	—	Call

ADJUSTABLE CONVERTIBLE



- Material/finish: high pressure diecast zinc flange and adjustment plate, steel strap, stainless steel cover, polished chrome finish. Order spring kit separately for heavy duty self-closing applications.
- Adjustment range: 3/16"
- Drilled and countersunk for No. 10 screws,
- Overall length: 5-7/16",
- Width: 1-1/32"
- Package of 2

KASON

Part No.	Description	Offset (In.)	Price
1220000008	Adjustable Hinge	1-1/8	Call
1220000012	Adjustable Hinge	1-3/8	Call
1220000027	Spring Cartridge Only	—	Call

ADJUSTABLE CONVERTIBLE



- Material: high pressure die-cast zinc flange and adjustment plate, steel strap, stainless steel cover. Order spring kit separately for selfclosing applications.
- Finish: polished chrome
- Adjustment range: 3/16"
- Drilled and countersunk for No. 12 screws
- Overall length: 5-1/16", Width: 31/32"
- Package of 2

KASON

Part No.	Description	Offset (In.)	Price
1216000001	Adjustable Hinge	1-1/8	Call
1216000027	Spring Cartridge Only	—	Call

ADJUSTABLE CAM RISE



- Material: high pressure die-cast zinc flange, strap and adjustment plate, brass cover,steel pin
- Finish: polished chrome
- Adjustment range: 3/16"
- Drilled and countersunk for No. 10 screws
- Overall length: 6-3/8", Width: 1-1/8"
- Package of 2

KASON

Part No.	Offset (In.)	Price
1247000002	1-1/4 to 1-5/8	Call
1247000004	1-3/4 to 2-3/8	Call

WALK-IN HEAVY DUTY LATCH

BRASS CYLINDER LOCKING



- Material: forged brass; steel tongue
- Finish: polished chrome
- Drilled and countersunk for 1/4" flat head screws
- Push cylinder locking
- Commonly used on dairy and ice cream trucks, Latch dimension: 7-1/2"L x 3-3/16"W
- Strike dimension: 2-1/4"L x 3-7/32"W

KASON

Part No.	Description	Offset (In.)	Price
0050P00002	Latch and Strike	-1/8 to 1/8	Call
0050P00004	Latch and Strike	-1/8 to 1/16	Call
0050P00012	Latch and Strike	3/4 to 1-1/4	Call
0050P00020	Latch Only	—	Call

ICE MACHINES & REFRIGERATED FOOD SERVICE

WALK-IN HEAVY DUTY LATCH

CYLINDER LOCKING



Stationary cylinder lock and micrometer strike for positive offset adjustments.

- Material: high pressure die-cast zinc body, steel tongue, forged brass handle and strike housing
- Finish: polished chrome
- Commonly used on dairy and ice cream trucks
- Drilled and countersunk for 1/4" flat head screws
- Latch dimension: 7-9/16"L x 3 -3/16"W
- Strike dimension: 2- 1/4"L x 3 - 7/32"W

KASON

Part No.	Description	Offset (In.)	Price
0051S00002	Latch and Strike	-1/4 to 1/8	Call
0051S00008	Latch and Strike	Flush to 1/2	Call
0051S00012	Latch and Strike	3/4 to 1-1/4	Call
0051S00006	Latch Only	—	Call

IRON PADLOCKING



Bolt-action with padlock provision.

- Material: cast iron body and strike housing, malleable iron handle
- Finish: Kasonized
- Drilled and countersunk for 1/4" screws
- Latch dimension: 7-3/4"L x 3 -1/2"W,
- Strike dimension: 2-1/4"L x 3 -1/2"W

KASON

Part No.	Description	Offset (In.)	Price
0052000004	Latch and Strike	-1/8 to 5/16	Call
0052000012	Latch and Strike	3/4 to 1-3/8	Call
0052000076	Latch Only	—	Call
0052000084	Strike Only	-1/8 to 5/16	Call
0052000092	Strike Only	3/4 to 1-3/8	Call

IRON PADLOCKING



Same as 0052 above, but with a larger body.

- Latch dimension: 9-15/16"L x 4-3/8"W

KASON

Part No.	Description	Offset (In.)	Price
0053000004	Latch and Strike	-1/4 to 1/8	Call
0053000008	Latch and Strike	15/16 to 1-5/8	Call
0053000052	Latch Only	—	Call
0053000064	Strike Only	15/16 to 1-5/8	Call

SAFEGUARD WALK-IN LATCH

55 SERIES



Positive action latch. Furnished with paddle-type inside release.

- Material: high pressure die-cast zinc body and strike housing, malleable iron handle
- Finishes: polished chrome, Tuffkote
- Drilled and countersunk for 1/4" flat head screws
- Latch base dimension: 9-21/32"L x 4-1/4"W

Strike dimension: 2 7/16"L x 4-1/4"W

KASON

Part No.	Description	Finish	Offset (In.)	Price
0055000020	Latch & Strike	Chrome	Flush to 3/16	Call
0055000024	Latch & Strike	Chrome	3/4 to 1-1/8	Call
0055000028	Latch & Strike	Chrome	1-1/8 to 1-5/8	Call
0055000032	Latch & Strike	Chrome	1-3/8 to 1-7/8	Call
0055000065	Latch & Strike	Tuffkote	Flush to 3/16	Call
0055000066	Latch & Strike	Tuffkote	3/4 to 1-1/8	Call
0055000068	Latch & Strike	Tuffkote	1-1/8 to 1-5/8	Call
0055000070	Latch & Strike	Tuffkote	1-3/8 to 1-7/8	Call
0055000076	Latch Only	Chrome	—	Call
0055000086	Latch Only	Chrome	—	Call
0055000104	Strike Only	Chrome	Flush to 3/16	Call

56 SERIES



Positive action latch.

- Material: high pressure die-cast zinc body and strike housing, malleable iron handle
- Finishes: polished chrome, brushed chrome, Tuffkote
- Drilled and countersunk for 1/4" flat head screws
- Order latch and strike separately
- Latch base dimension: 7"L x 3-3/8"W
- Strike dimension: 2-1/6"L x 3-3/8"W

KASON

Part No.	Description	Finish	Price
0056L05020	Latch Only	Polished Chrome	Call
0056L06021	Latch Only	Brushed Chrome	Call
0056L00086	Latch Only	Tuffkote	Call
0056005003	Strike Only1	Polished Chrome	Call

SAFEGUARD WALK-IN LATCH

58 SERIES



Radial tongue with rolling pivot action.
- Material: high pressure die-cast zinc
- Finishes: polished chrome, brushed chrome, Tuffkote
- Drilled and countersunk for 1/4" flat head screws
- Latch dimension: 10-5/16"L x 2-13/16"W
- Strike dimension: 1-57/64"L x 2-61/64"W

KASON

Part No.	Description	Finish	Comment	Price
0058CL5020	Latch Only	Chrome	w/Cylinder Lock	Call
0058CL6020	Latch Only	Brushed Chrome	w/Cylinder Lock	Call
0058CLT020	Latch Only	Tuffkote	w/Cylinder Lock	Call
0058L05021	Latch Only	Chrome	–	Call
0058L06021	Latch Only	Brushed Chrome	–	Call
0058L0T021	Latch Only	Tuffkote	–	Call

77 SERIES



Radial tongue with rolling pivot action and roller strike.
- Material: high pressure die-cast zinc
- Finish: polished chrome
- Drilled and countersunk for 1/4" flat head screws
- Latch dimension: 10-5/16"L x 2-13/16"W
- Strike dimension: 1-57/64"L x 2-61/64"W

KASON

Part No.	Description	Offset (In.)	Comment	Price
0077CL0004C	Latch & Strike	Flush	w/Cylinder Lock	Call
0077CL0008C	Latch & Strike	3/4 to 1-1/2	w/Cylinder Lock	Call
0077CL0012C	Latch & Strike	1-3/4 to 2-1/2	w/Cylinder Lock	Call
0077L00004C	Latch & Strike	Flush	–	Call
0077L00008C	Latch & Strike	3/4 to 1-1/2	–	Call
0077L00012C	Latch & Strike	1-3/4 to 2-1/2	–	Call
0077CL0026C	Latch Only	–	w/Cylinder Lock	Call
0077L00026C	Latch Only	–	–	Call

SHELVING HARDWARE

PILASTER, FIXED MOUNT



- Material: aluminum or stainless steel
- Width: 13/16"
- Adjustments: slotted for 1/2" adjustments
- Mounting: drilled and countersunk for No. 6 screws

KASON

Part No.	Length (In.)	Material	Price
0060007036	36	Aluminum	Call
0060007048	48	Aluminum	Call
0060007060	60	Aluminum	Call
0060007072	72	Aluminum	Call
0060070144	144	Aluminum	Call
0060009036	36	Stainless Steel	Call
0060009048	48	Stainless Steel	Call
0060009060	60	Stainless Steel	Call
0060009072	72	Stainless Steel	Call
0060090144	144	Stainless Steel	Call

PILASTER, FIXED MOUNT



- Material: aluminum or stainless steel
- Width: 13/16"
- Adjustments: slotted for 1/2" adjustments
- Mounting: No. 65MS studs and pop rivets or No. 10 screws
- Stud or screw mounting

KASON

Part No.	Description	Length (In.)	Material	Price
0065007036		36	Aluminum	Call
0065007048		48	Aluminum	Call
0065007060		60	Aluminum	Call
0065007072		72	Aluminum	Call
0065070144		144	Aluminum	Call
0065009036		36	Stainless Steel	Call
0065009048		48	Stainless Steel	Call
0065009060		60	Stainless Steel	Call
0065009072		72	Stainless Steel	Call
0065090144		144	Stainless Steel	Call
0065000000	Nickel Plated Brass Mounting Stud			Call

SHELF CLIP



KASON

Part No.	Material	Use With Pilaster Model	Price
0066000004	Kasonized Steel	0060	Call
0066000008	Stainless Steel	0060	Call
0067000004	Kasonized Steel	0065	Call
0067000008	Stainless Steel	0065	Call

LIGHTING FIXTURE

VAPOR PROOF



- Material: cast aluminum box and housing, chrome plated steel wire guard, glass or Lexan globe
- Mounting: junction box—two drilled tabs for surface mounting. Base tapped on four sides and top to accept standard 1/2"conduit.
- Length: 8 -1/2", Width: 5 -1/8"
- Glass globe; plastic coated glass: 100W bulb max
- Lexan globe: 75W bulb maximum

KASON

Part No.	Description	Globe	Price
1802LG0000	Fixture w/Globe	Glass	Call
1802000001	Globe Only for 1802	Glass	Call
1802000002	Wire Guard Only for 1802	—	Call
1802000003	Junction Box Only for 1802, 1803, 1804	Glass	Call
1803LG0000	Fixture w/Globe	Lexan	Call
1803000001	Globe Only for 1803	Lexan	Call
1804000001	Globe Only	Plastic Coated Glass	Call
1804000003	Junction Box Only	—	Call

ICE MACHINES & REFRIGERATED FOOD SERVICE

WALK IN SURFACE MOUNT LATCH

LARGE TRIGGER ACTION



- High pressure die-cast zinc body, handle and strike; solid brass tongue
- Finish: polished chrome
- Drilled and countersunk No. 8 screws
- With micrometer adjustable strike
- Interchangeable for right or left
- Padlockable

KASON

Part No.	Description	Comment	Offset (In.)	Price
0931000016	Latch Only	For All 0931 Models	—	Call
0931000004	Latch & Strike	—	Flush to 1 1/8	Call
0931000008	Latch & Strike	—	7/8 to 1 1/8	Call
0931000012	Latch & Strike	—	1 1/8 to 1 3/8	Call
0931000020	Strike Only	—	Flush to 1 1/8	Call
0931000024	Strike Only	—	7/8 to 1 3/8	Call
0931000028	Strike Only	—	1 1/8 to 1 3/8	Call
0931AX0004	Latch & Strike	Explosion Venting	Flush to 1/4	Call
0931AX0008	Strike Only	Explosion Venting	Flush to 1/4	Call
0931CX0004	Latch & Strike	Explosion Venting	7/8 to 1 1/8	Call
0931CX0008	Strike Only	Explosion Venting	7/8 to 1 1/8	Call
0931HX0004	Latch & Strike	Explosion Venting	1 1/8 to 1 3/8	Call
0931HX0008	Strike Only	Explosion Venting	1 1/8 to 1 3/8	Call

TRIGGER ACTION



- High pressure die-cast
- Zinc body, handle and strike; solid brass tongue.
- Padlockable
- Finish: polished chrome
- Drilled and countersunk #8 screws
- Interchangeable for right or left

KASON

Part No.	Description	Comment	Offset (In.)	Price
0930000020	Latch Only	For All 0930 Models	—	Call
0930A00004	Latch & Strike	Adjustable Strike	Flush to 3/8	Call
0930A00008	Strike Only	Adjustable Strike	Flush to 3/8	Call
0930AX0004	Latch & Strike	Explosion Venting, Adjustable Strike	Flush to 1/4	Call
0930B00004	Latch & Strike	Stationary Strike	1/4	Call
0930B00008	Strike Only	Stationary Strike	1/4	Call
0930C00004	Latch & Strike	3-Hole Micrometer Strike	3/4 to 1-1/4	Call
0930C00008	Strike Only	3-Hole Micrometer Strike	3/4 to 1-1/4	Call
0930CX0004	Latch & Strike	Explosion Venting, 3 Hole Micrometer Strike	3/4 to 1-1/4	Call
0930CX0008	Strike Only	Explosion Venting, 3 Hole Micrometer Strike	3/4 to 1-1/4	Call
0930D00004	Latch & Strike	3-Hole Microturn Strike	7/8 to 1-1/4	Call
0930D00008	Strike Only	3-Hole Microturn Strike	7/8 to 1-1/4	Call
0930E00004	Latch & Strike	2-Hole Microturn Strike	7/8 to 1-1/4	Call
0930E00008	Strike Only	2-Hole Microturn Strike	7/8 to 1-1/4	Call
0930F00008	Latch & Strike	2-Hole Micrometer Strike	3/4 to 1-1/4	Call
0930F00016	Strike Only	2-Hole Micrometer Strike	3/4 to 1-1/4	Call

VENT



Two-way air flow compensates for air expansion and contraction.

- Material: all metal parts aluminum, internal sleeve self-extinguishing Lexan
- Finish: natural aluminum
- Sizes: wall thickness—standard 4"
- Drilled for No. 8 screws
- Standard round cover on all models

HEATED PORT

KASON

Part No.	Voltage (Vac)	Dia. Overall	Hole (In.)	Price
1830000004	115	5-3/32	3-1/2	Call
1830000008	230	6-1/4	4-5/8	Call
1832000004	115	5-3/32	3-1/2	Call
1832000008	230	6-1/4	4-5/8	Call

UNHEATED PORT

KASON

Part No.	Dia. Overall	Hole (In.)	Price
1834000004	5-3/32	3-1/2	Call
1836000004	6-1/4	4-5/8	Call

WALK-IN SAFETY RELEASE HANDLE

COLLAPSIBLE



- Material: steel
- Finish: Kasonized
- Drilled for No. 10 screws
- Use with 0045/0046, 0050/0051, 0056

KASON

Part No.	Description	Price
0480000600	Collapsible Safety Release	Call

RECESSED PUSH ROD



- Material: plastic housing, steel rod, Safety-glow™ plastic knob
- Finish: Kasonized
- Drilled for No. 10 screws

KASON

Part No.	Housing Dia. (In.)	Price
0489A00600	4-7/16	Call
0486D00600	7-3/16	Call

PUSH ROD



- 0481 material: steel rod and flange, Safety-glow™ plastic knob
- 0482 material: steel rod and flange, iron knob
- 0487 material: fiberglass rod, plastic flange
- Finish: Kasonized
- Drilled for No. 10 screws

KASON

Part No.	Use With Latch	Price
0481A00600	0056	Call
0481B00600	0045/0046, 0050/0051, 0052/0053	Call
0481C00600	0058,0077	Call
0482A00600	0056	Call
0487A00600	0056	Call

WALK-IN HEAVY DUTY HINGE

OVERLAP, TENZALOY



For doors with offset of 5 1/2 " or higher

- Material: cast Tenzaloy
- Finish: Kasonized
- Drilled for 3/8" lag screws
- Wallplate: 7-13/16"L x 4-1/4"W
- Package of 2

KASON

Part No.	Description	Price
0094000004	Overlap Hinge, Offset >5 1/2"	Call

OVERLAP, IRON



For doors with offset of 4"or higher

- Material: malleable iron
- Finish: Kasonized
- Drilled for 5/16" lag screws
- Wallplate: 5-13/16"L x 2-17/32"W
- Package of 2

KASON

Part No.	Description	Price
0099800004	Overlap Hinge, Offset >4"	Call

OVERLAP, CAM-RISE



Heavy duty edgemount, self-closing with built-in dwell stop. Reversible.

- Material: high pressure die-cast zinc, nylon cam and follower
- Finishes: Tuffkote, polished chrome
- Package of 2

KASON

Part No.	Description	Offset (In.)	Price
1398000008	Tuffkote	2-1/2	Call
1398000012	Polished Chrome	2-1/2	Call
1398000016	Tuffkote	3-1/2	Call
1398000020	Polished Chrome	3-1/2	Call

CAST IRON, 10"+ STRAP



- Material: cast iron flange, steel strap, nylon thrust washer, steel pin
- Finish: Kasonized
- Strap drilled for 1/4" screws; flange drilled for 5/16" lag screws
- Flange: 5 - 5/8"W x 2 - 7/8"L
- Strap: 3"W x 10" maximum hole centers (L)
- Package of 2

KASON

Part No.	Offset (In.)	Price
1074000008	Flush	Call
1074000020	1-1/8	Call

CAST IRON, 15"+ STRAP



- Material: cast iron flange, steel strap, nylon thrust washer, steel pin
- Finish: Kasonized
- Strap drilled for 5/16" lag screws; flange drilled for 3/8" lag screws
- Flange: 8"W x 4"L
- Strap: 4"W x 15-1/2" maximum hole centers (L),
- Package of 2

KASON

Part No.	Offset (In.)	Price
1075000004	Flush	Call
1075000016	1-1/8	Call
1075000020	1-1/4	Call
1075000024	1-3/8	Call

CAST IRON, 23" STRAP



- Material: cast iron flange, steel strap, nylon thrust washer, steel pin
- Finish: Kasonized
- Strap drilled for 1/4" screws; flange drilled for 5/16"lag screws
- Flange: 8"W x 4"L
- Strap:4"W x 20 7/16" maximum hole centers (L)
- Package of 2

KASON

Part No.	Offset (In.)	Price
1076000016	1-1/8	Call
1076000020	1-1/4	Call
1076000024	1-3/8	Call

MALLEABLE IRON LARGE



- Material: malleable iron strap, heavy steel flange
- Finish: Kasonized
- Drilled and countersunk for 1/4" flat head screws.
- Flange: 5 -13/32"W x 2 -1/2"L
- Strap: 3 -1/4"W x 8 - 5/8" maximum hole centers (L)
- Package of 2

KASON

Part No.	Offset (In.)	Price
1214000012	1-1/8	Call
1214000016	1-1/4	Call
1214000020	1-3/8	Call
1214000024	1-1/2	Call

MALLEABLE IRON



- Material: malleable iron strap, heavy steel flange
- Finish: Kasonized
- Drilled and countersunk for 1/4"flat head screws.
- Flange: 5-13/32"W x 2-1/2"L
- Strap: 2-3/4"W x 5" maximum hole centers (L)
- Package of 2

KASON

Part No.	Offset (In.)	Price
1409000004	Flush	Call
1409000028	1-1/8	Call
1409000032	1-1/4	Call

ICE MACHINES & REFRIGERATED FOOD SERVICE

WALK-IN HEAVY DUTY HINGE

DOUBLE KNUCKLE, 6"+ STRAP



- Material: high pressure, die-cast zinc flange and strap, stainless steel pin, Zytel bearing and thrust washer
- Finish: polished chrome
- Drilled and countersunk for 1/4" flat head screws
- Flange: 4 - 1/4"W x 2 - 1/2"L
- Strap: 2 - 5/8"W x 6" maximum bolt centers (L)
- Package of 2

KASON

Part No.	Offset (In.)	Price
1241000004	Flush	Call
1241000008	1-1/8	Call

DOUBLE KNUCKLE, 12" STRAP



- Material: high pressure, die-cast zinc flange and strap, stainless steel pin, Zytel bearing and thrust washer
- Finish: polished chrome
- Drilled and countersunk for 1/4" flat head screws
- Flange: 4-1/4"W x 2-1/2"L
- Strap: 2-5/8"W x 12"L
- Package of 2

KASON

Part No.	Offset (In.)	Price
1251000008	1-1/8	Call
1251000012	1-1/4	Call
1251000016	1-3/8	Call

WALK-IN FORGED BRASS HINGE

BRASS



- Material: forged brass strap and flange, stainless steel pin, nylon thrust washers
- Finish: polished chrome
- Drilled and countersunk for 1/4" screws
- Flange: 4 - 21/32"W x 2 - 3/16"L
- Strap: 2 - 5/8"W
- Package of 2

KASON

Part No.	Offset (In.)	Price
1035000020	1-1/8	Call
1035000024	1-1/4	Call

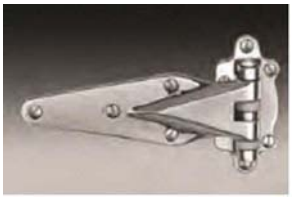
BRASS, HEAVY FLANGE

- Material: forged brass strap and flange, stainless steel pin, nylon thrust washers
- Finish: polished chrome
- Drilled and countersunk for 1/4" screws
- Flange: 5 -13/32"W x 2 - 33/64"L
- Strap: 2 - 23/32"W
- Package of 2

KASON

Part No.	Offset (In.)	Price
1037000004	Flush	Call
1037000044	1-1/8	Call
1037000048	1-1/4	Call

BRASS, HEAVY DUTY



- Material: forged brass strap and flange, stainless steel pin, nylon thrust washers
- Finish: polished chrome
- Drilled and countersunk for 1/4" flat head screws
- Flange: 5 -13/32"W x 2 - 33/64"L
- Strap: 3 -13/32"W
- Package of 2

KASON

Part No.	Offset (In.)	Price
1055000004	Flush	Call
1055000044	1-1/8	Call
1055000048	1-1/4	Call
1055000052	1-3/8	Call

BRASS, EXTRA HEAVY DUTY

- Material: forged brass strap and flange; stainless steel pin
- Finish: polished chrome
- Drilled and countersunk for 1/4" flat head screws
- Flange: 6-3/16"W x 3-1/32"L
- Strap: 4-1/8"W
- Package of 2

KASON

Part No.	Offset (In.)	Price
1073000004	Flush	Call
1073000016	1-1/8	Call
1073000020	1-1/4	Call
1073000024	1-3/8	Call

WALK-IN CAM RISE HINGE

ALUMINUM



- Material: high pressure die-cast aluminum, nylon cam and follower
- Finishes: polished alum, Tuffkote
- Drilled and countersunk 1/4" screws
- Flange: 6"W x 2 - 1/2"L
- Strap: 3"W x 5 - 1/2" maximum bolt
- Package of 2

KASON

Part No.	Finish	Offset (In.)	Price
1240000004	Tuffkote	Flush	Call
1240000008	Tuffkote	1-1/8	Call
1240000012	Tuffkote	1-1/4	Call
1240000016	Tuffkote	1-3/8	Call
1240000020	Aluminum	Flush	Call
1240000024	Aluminum	1-1/8	Call
1240000028	Aluminum	1-1/4	Call
1240000032	Aluminum	1-3/8	Call

WALK-IN CAM RISE HINGE

INFITTING DOOR, 21" STRAP



- Material: heavy gauge steel strap, malleable iron flange
- Finish: Kasonized
- Strap drilled for 5/16"screws; flange drilled for 3/8" screws
- Flange: 8-7/8"W x 3-1/2"L
- Strap: 4"W x 21-1/2"L
- Package of 2

KASON

Part No.	Door Hand	Offset (In.)	Price
1275000020	Left Hand	1-1/8	Call
1275000024	Right Hand	1-1/8	Call
1275000028	Left Hand	1-1/4	Call
1275000032	Right Hand	1-1/4	Call

INFITTING DOOR, 26" STRAP

- Material: heavy gauge steel strap, malleable iron flange
- Finish: Kasonized
- Strap drilled for 5/16"screws; flange drilled for 3/8"screws
- Flange: 8-7/8"W x 3-1/2"L
- Strap: 4"W x 26 - 7/16"L
- Package of 2

KASON

Part No.	Door Hand	Offset (In.)	Price
1276000020	Left Hand	1-1/8	Call
1276000024	Right Hand	1-1/8	Call
1276000028	Left Hand	1-1/4	Call
1276000032	Right Hand	1-1/4	Call

REVERSIBLE



Reversible cam for use on right- or lefthand doors without dismantling.

- Material: high pressure, die-cast zinc flange, 3/16" thick steel strap, 5/8" diameter steel cam, steel pin
- Finish: Kasonized
- Strap drilled for 5/16" screws; flange drilled for 3/8" screws
- Flange: 7-1/8"W x 2-7/8"L
- Package of 2
- Strap: 4"W

KASON

Part No.	Strap Length (In.)	Offset (In.)	Price
1277000004	21	Flush	Call
1277000008	21	1-1/8	Call
1277000010	21	1-1/4	Call
1277000012	21-1/2	1-3/8	Call
1277000014	21-1/2	1-1/2	Call
1277000016	21-1/2	1-5/8	Call
1277000018	21-1/2	1-3/4	Call
1277000020	21-1/2	1-7/8	Call
1277L00008	26-7/16	1-1/8	Call
1277L00010	26-7/16	1-1/4	Call
1277L00012	26-7/16	1-3/8	Call
1277L00016	26-7/16	1-5/8	Call

REVERSIBLE



Built-in dwell and lift-off feature. Strap easily reverses for right- or left-opening door.

- Material: high pressure, die-cast zinc hinge, steel pin; self-lubricating nylon cam
- Finishes: Tuffkote, polished chrome, brushed chrome
- Flange: 5-1/2"W x 2-1/8"L
- Strap: 2-7/8"W x 9"L
- Package of 2

KASON

Part No.	Finish	Offset (In.)	Price
1245000004	Tuffkote	Flush	Call
1245000016	Tuffkote	1-1/8	Call
1245000020	Tuffkote	1-1/4	Call
1245000024	Tuffkote	1-3/8	Call
1245000028	Polished Chrome	Flush	Call
1245000040	Polished Chrome	1-1/8	Call
1245000044	Polished Chrome	1-1/4	Call
1245000048	Polished Chrome	1-3/8	Call
1245000068	Polished Chrome	1-1/2	Call
1245000072	Polished Chrome	1- 5/8	Call
1245000076	Polished Chrome	1-3/4	Call
1245000080	Polished Chrome	1-7/8	Call
1245000082	Polished Chrome	2	Call
1245000088	Brushed Chrome	Flush	Call
1245000112	Brushed Chrome	1-1/8	Call
1245000116	Brushed Chrome	1-1/4	Call
1245000120	Brushed Chrome	1-3/8	Call
1245000124	Brushed Chrome	1-1/2	Call

REVERSIBLE, SHORT STRAP



Built-in dwell and lift-off feature. Strap easily reverses for right or left door.

- Material: high pressure, die-cast zinc hinge, steel pin
- Finishes: Tuffkote, polished chrome, brushed chrome
- Flange: 5-1/2"W x 2-1/8"L
- Strap: 2-7/8"W x 4-1/2"L
- No offset, flush only
- Package of 2

KASON

Part No.	Finish	Price
1246000004	Tuffkote	Call
1246000028	Polished Chrome	Call
1246000040	Brushed Chrome	Call

REVERSIBLE, SPRING ASSIST, SHORT STRAP



For left- or right-opening doors.

- Material: high pressure, die-cast zinc flange, steel pin, self-lubricating nylon cam
- Finish: polished chrome
- Drilled and countersunk for 1/4" flat head screws, Package of 2
- Flange: 5 - 21/32"W x 2 - 7/16"L
- Strap: 2 - 7/8"W x 4 - 1/2"L

KASON

Part No.	Offset (In.)	Price
1249000004	Flush	Call

ICE MACHINES & REFRIGERATED FOOD SERVICE

WALK-IN CAM RISE HINGE

REVERSIBLE, SPRING ASSIST

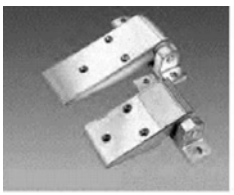


For left- or right-opening doors
- Material: high pressure, die-cast zinc flange, steel pin, self-lubricating nylon cam
- Finish: polished chrome
- Drilled and countersunk for 1/4" flat head screws, Package of 2
- Flange: 5 - 21/32"W x 2 - 7/16"L
- Strap: 2 -7/8"W x 9"L
- Package of 2

KASON

Part No.	Offset (In.)	Price
1248000004	Flush	Call
1248000016	1-1/8	Call
1248000020	1-1/4	Call
1248000022	1-1/2	Call
1248000024	1-3/8	Call
1248000025	1-5/8	Call
1248000026	1-3/4	Call
1248000027	1-7/8	Call
1248000030	2	Call

REVERSIBLE, PACESETTER, SHORT STRAP



Self-closing cam action with built-in dwell.
- Complements Pacesetter handle style, Offset: flush
- High pressure, die-cast zinc hinge, self-lubricating nylon cam
- Flange: 7"W x 1-5/8"L
- Drilled and countersunk for 1/4" screws
- Polished chrome or brushed chrome with smooth face or textured panel
- Strap: 3-1/16"W x 5-9/32"L
- Spring cartridge converts 1255/1256 to spring hinge
- Package of 2

KASON

Part No.	Description	Finish	Comment	Price
1255000004		Brushed Chrome	Textured Panel	Call
1255000014		Polished Chrome	Textured Panel	Call
1255V00004C		Polished Chrome	Smooth Face	Call
1255000001	Spring Kit 1255/1256			Call

REVERSIBLE, PACESETTER



Self-closing cam action with built-in dwell.
- Material: high pressure, die-cast zinc hinge, self-lubricating nylon cam
- Drilled and countersunk for 1/4" screws
- Polished chrome or brushed chrome with smooth face or textured panel
- Offset: flush
- Flange: 7"W x 1-5/8"L
- Strap: 3-1/16"W 7-9/32"L
- Package of 2

KASON

Part No.	Finish	Comment	Price
1256000004	Brushed Chrome	Textured Panel	Call
1256V00004C	Polished Chrome	Smooth Face	Call

WALK-IN DOOR CLOSER

SPRING ACTIVATED



Closes door from 10° of closed position.
- Material: steel closer and hook; polystyrene cover
- Finish: Kasonized
- Strike drilled for No. 10 screws; hook drilled for No. 12 screws

KASON

Part No.	Offset (In.)	Price
1091000004	Flush	Call
1091000008	1-1/8	Call

HYDRAULIC



- Material: steel closer and hook
- Finish: Kasonized

KASON

Part No.	Offset (In.)	Price
1092000004	Flush	Call
1092000008	1-1/8	Call

HYDRAULIC

- Material: steel closer and hook, white plastic cover
- Finish: Chrome

Part No.	Offset (In.)	Price
1093000004	Flush	Call
1093000008	1-1/8	Call

SURECLOSE HYDRAULIC



- Material: heavy gauge steel
- Finish: polished chrome
- Drilled for No. 10 screws
- Exposed body: 7"L x 2"W
- Concealed body: 8-7/32"L x 1-21/64"W
- Hook: 2-5/16"H x 2"W

KASON

Part No.	Description	Offset (In.)	Price
1094000003	Exposed Mount Body Only	—	Call
1094000013	Concealed Mount Body Only	—	Call
1094000025	Hook Only	Flush	Call
1094000029	Hook Only	1-1/8	Call

SPRING ARM



Adjustable spring tension
- Material: malleable iron with steel rod and tube, Closer: 17-3/8"L
- Finish: Kasonized or polished chrome, Arm guide: 19-3/4"L
- Mounting: mounts on door frame above lower hinge. Guide is drilled for 1/4" screws. Closer is drilled for 3/8" screws.
- For doors over 200 lbs. in weigh

KASON

Part No.	Description	Finish	Price
1097000004	Heavy Duty Door Closer	Kasonized	Call
1097000008	Heavy Duty Door Closer	Polished Chrome	Call
1097SS0062	Arm Guide Assembly	Kasonized	Call
1097SS0063	Arm Guide Assembly	Polished Chrome	Call
1097000012	Spring Cartridge Kit	Kasonized	Call

WALK-IN LOCKING PULL HANDLE

CYLINDER LOCKING



- Polished chrome, brushed chrome
- Drilled for 1/4" fillister head screws, tamper-resistant screw-hole plugs
- Inside release: furnished with stud for 4" door
- Mounting: flush for right or left
- Length: 10-3/4"
- Width: 2-3/8"
- Use with 0923 inside release

KASON

Part No.	Description	Finish	Price
1229000004	Nonlocking Handle	Brushed Chrome	Call
1229000005	Nonlocking Handle	Polished Chrome	Call
1229C00004	Cylinder Lock Handle	Brushed Chrome	Call
1229C00005	Cylinder Lock Handle	Polished Chrome	Call

INSIDE RELEASE



- Material: nylon release body, stainless steel locking cam, die-cast cylinder plate, steel stud
- Use with 1229C handle

KASON

Part No.	Description	Finish	Price
0923C00001	Inside Release Mechanism	—	Call
0923C00004	Cylinder Lock Assembly	Polished Chrome	Call

PACESETTER



Flush mounting for right or left. Furnished with cylinder lock and accepts padlock.

- Material: high pressure die-cast zinc
- Finishes: smooth surface/polished chrome, textured panel/brushed chrome
- Drilled for 1/4" fillister head screws; tamper-resistant screw-hole plugs
- Length: 13 - 27/32"
- Width: 2 - 3/8"

KASON

KNOB RELEASE

- With twist knob inside release

Part No.	Finish	Price
1238C00004	Brushed Chrome	Call
1238C00005	Polished Chrome	Call
1238CV0005	—	Call

LEVER RELEASE

- With lever turn inside release

Part No.	Finish	Price
1239C00004D	Brushed Chrome	Call
1239C00005	Polished Chrome	Call
1239CV0005	—	Call

WALK-IN LOCKING LEVER HANDLE

HEAVY DUTY



Flush mounting for right or left. Furnished with cylinder lock and accepts padlock.

- Material: high pressure die-cast zinc
- Polished chrome, brushed chrome
- Drilled and countersunk for 1/4" screws
- Length: 14-1/32"
- Width: 2-7/8"
- With lever inside release

KASON

Part No.	Finish	Inside Release	Price
1236C00004	Brushed Chrome	Lever Turn	Call
1236C00005	Polished Chrome	Lever Turn	Call
1236C00006	Brushed Chrome	Twist Knob	Call

HEAVY DUTY



Flush mounting for right or left. Complete with inside safety release mechanism.

- Material: sand cast aluminum
- Finish: bright anodite
- Drilled and countersunk for 1/4" screws
- Overall length: 12-5/8"
- Width: 2-13/16"

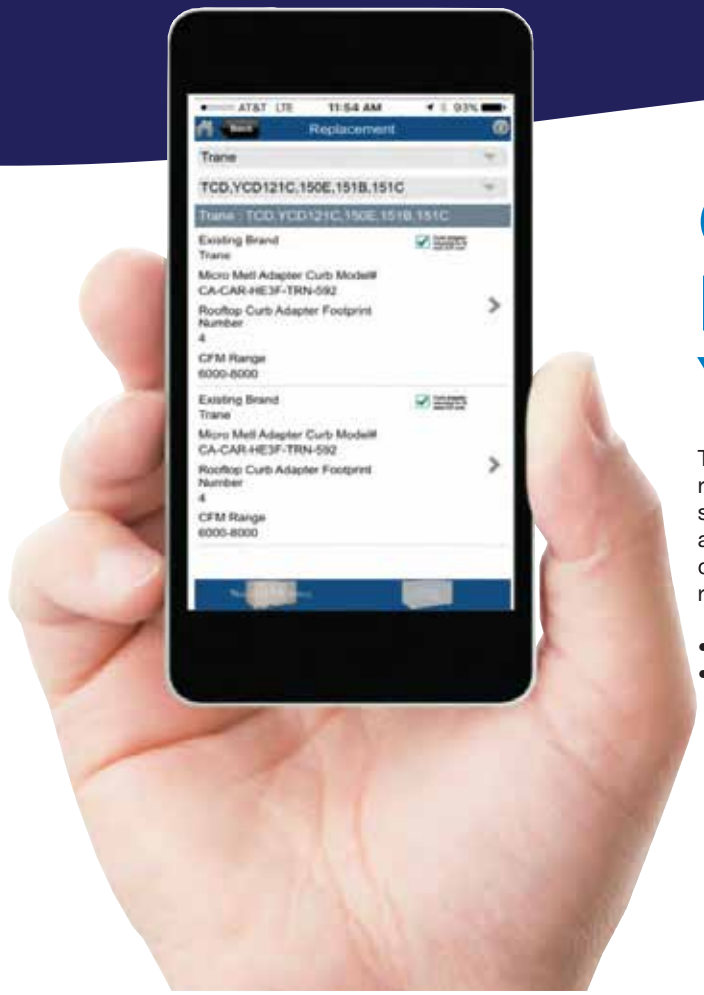
KASON

Part No.	Lock Mechanism	Mounting	Inside Release	Price
1332C00004	Key Lock	Concealed	Lever Turn	Call
1332P00004	Padlock	Concealed	Lever Turn	Call
1333C00004	Key Lock	Exposed	Lever Turn	Call
1333P00004	Padlock	Exposed	Lever Turn	Call
1334C00004	Key Lock	Concealed	Twist Knob	Call
1334P00004	Padlock	Concealed	Twist Knob	Call
1335C00004	Key Lock	Exposed	Twist Knob	Call
1335P00004	Padlock	Exposed	Twist Knob	Call

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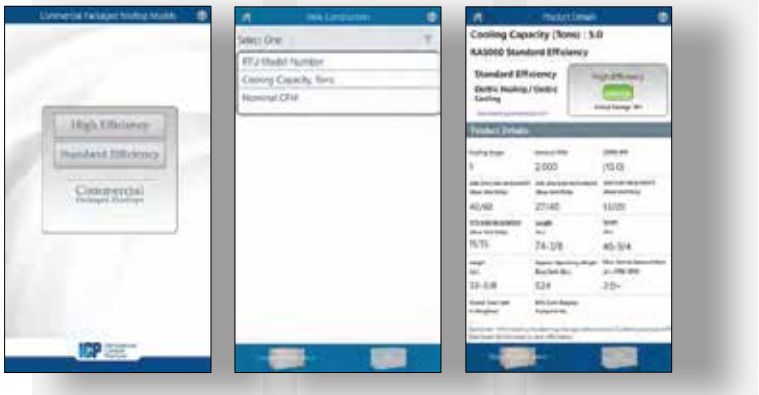
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AIR CONDITIONING EQUIPMENT

AIR CONDITIONER SPLIT

FS4BE SERIES - 14 SEER Residential System 1-1/2 - 5 Ton Capacity

R-410A High Efficiency Air Conditioner



The FS4BE Series now offers the choice of an air conditioner that uses more efficient and environmentally friendly refrigerant designated R-410A. The FS4BE Series of air conditioners offers exceptional performance. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system cooling equipment.

Features and Benefits:

- Designed using galvanized steel: with a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- Permanently Lubricated Motor: A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- Composite Base Pan: Absorbs sound and corrosion resistant. Composite is also stronger and lighter than steel.
- R-410A Refrigerant: Earth friendly non-ozone depleting refrigerant.
- Easy Compressor and Control Access: Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- Louvered Condenser Guard: Durable metal guard protects the coil from yard hazards and extreme weather.
- Removable Top Grille Assembly: Allows ease of service from the top without disconnecting fan motor leads.
- High Pressure Switch: Protects against abnormally high system pressures. Autoreset feature prevents nuisance service visits

FRIGIDAIRE

Part No.	Total Amps	SEER	Delay Fuse Max. (2)	Min. Circuit Ampacity	Dimensions (in) D	W	H	Shipping Weight (lbs)	Price
FS4BE-018KA	9.9	14	20	12.1	22-3/4	22-3/4	29	113	1447.86
FS4BE-024KA	14.4	14	30	17.7	22-3/4	22-3/4	33	134	1507.50
FS4BE-030KA	15	14	30	18.5	30-3/4	30-3/4	29	140	1648.46
FS4BE-036KA	15.1	14	30	18.6	37	30-3/4	30-3/4	155	1861.64
FS4BE-042KA	19.4	14	40	23.9	41	30-3/4	30-3/4	184	1990.84
FS4BE-048KA	21.3	14	45	26.3	41	30-3/4	30-3/4	186	2316.92
FS4BE-060KA	29	14	60	35.6	45	30-3/4	30-3/4	196	2683.44

(Call) Please contact your local Aireco branch for pricing.

FS4BF-K(B,C) SERIES - 16 SEER Residential System 2 - 5 Ton Capacity

R-410A High Efficiency Air Conditioner



The FS4BF Series now offers the choice of an air conditioner that uses a more efficient and environmentally friendly refrigerant designated R-410A. The FS4BF-K(B,C) Series air conditioners offers exceptional performance. The unit, when combined with our engineered coils and air handlers, offers a line of quality, 16 SEER split system cooling equipment.

Features and Benefits:

- ComfortAlertTM Module: Detects system and electrical problem conditions. A diagnostics key directs the service technician to the root cause of the problem.
- Copeland Scroll Ultra TechTM Compressor: operates with 2 stages of cooling capacity to provide superior comfort and efficiency. Copeland's proven and simple design equates to years of comfort and reliability for the homeowner with virtually silent operation.
- Durable, Attractive Cabinet: Designed using galvanized steel with a polyester urethane finish. The 950 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- Compressor Sound Blanket: Engineered to significantly reduce unwanted compressor noise.
- Composite Base Pan: Absorbs sound and corrosion resistant. Composite is also stronger and lighter than steel.
- R-410A Refrigerant: Earth friendly non-ozone depleting refrigerant
- Easy Compressor and Control Access: Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.

FRIGIDAIRE

Part No.	High Speed Capacity (BTU/h)	SEER	Operating Voltage Range	EER	Dimensions (in) H	W	D	Shipping Weight (lbs)	Price
FS4BF-024KB	24,000	16	187-253	13	33	22-3/4	22-3/4	151	2254.06
FS4BF-036KB	36,000	16	187-253	13	37	30-3/4	30-3/4	197	2505.46
FS4BF-048KC	47,000	16	187-253	13	41	30-3/4	30-3/4	207	2965.86
FS4BF-060KC	55,000	16	187-253	12.5	45	30-3/4	30-3/4	195	3295.76

(Call) Please contact your local Aireco branch for pricing.

HEAT PUMP SPLIT

FT4BE SERIES - 14 SEER Residential System 1-1/2 - 5 Ton Capacity

R-410A High Efficiency Heat Pump



FT4BE Series now offers the choice of a heat pump that uses a more efficient and environmentally friendly refrigerant designated R-410A. The FT4BE Series of heat pumps offers exceptional performance. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system cooling equipment.

Features and Benefits:

- Designed Using Galvanized Steel: with a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- R-410A Refrigerant: Environmentally friendly.
- Louvered Condenser Guard: Durable metal guard protects the coil from yard hazards and extreme weather.
- Removable Top Grille Assembly: Allows ease of service to the fan motor.
- Swept-Wing Fan Blade: Designed to significantly reduce unwanted noise.
- Permanently Lubricated Motor: A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- High Pressure Switch: Protects against abnormally high system pressures. Autoreset feature prevents nuisance service visits.
- Low Pressure Switch: Loss of charge protection ensures long compressor life. Autoreset prevents nuisance service visits.
- Liquid Line Filter Driers: Factory installed at a convenient location for service.
- One Piece Top/Orifice: Designed for maximum airflow and quiet operation.

FRIGIDAIRE

Part No.	Volts-Cycles- Phase (1)	Total Amps	Delay Fuse Max. (2)	Min. Circuit Ampacity	Ship Wt (lbs.)	Dimensions (in) H	W	D	Price
FT4BE-018KA	208/230-60-1	9.9	20	12.1	144	33.5	30.75	30.75	1879.58
FT4BE-024KA	208/230-60-1	14.4	30	17.7	149	33.5	30.75	30.75	1982.46
FT4BE-030KA	208/230-60-1	13.7	25	16.9	158	41.5	30.75	30.75	2180.14
FT4BE-036KA	208/230-60-1	15.1	30	18.6	167	45.5	30.75	30.75	2346.20
FT4BE-042KA	208/230-60-1	19.4	40	23.9	200	45.5	30.75	30.75	2747.46
FT4BE-048KA	208/230-60-1	21.3	45	26.3	202	45.5	30.75	30.75	3030.62
FT4BE-060KA	208/230-60-1	27.7	60	34.3	210	45.5	30.75	30.75	3255.44

(Call) Please contact your local Aireco branch for pricing.

FT4BF-KA/B SERIES - 16 SEER Residential System 2 - 5 Ton Capacity

R-410A Extra High Efficiency Heat Pump



Features and Benefits:

- Copeland Scroll Ultra Tech Compressor: 2 stages of heating and cooling capacities to provide superior comfort and efficiency.
- Durable, Attractive Cabinet: Designed using galvanized steel with a polyester urethane finish. The 950 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- Composite Base Pan: Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- Copper Tube/Aluminum Fin Coils: Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- Demand Defrost: Provides additional energy savings in heating by defrosting only when necessary.
- Louvered Condenser Guard: Durable metal guard protects the coil from yard hazards and extreme weather.
- Removable Top Grille Assembly: Allows ease of service to the fan motor.
- Low Pressure Switch: Loss of charge protection ensures long compressor life. Autoreset prevents nuisance service visits.
- High Pressure Switch: Protects against abnormally high system pressures. Autoreset feature prevents nuisance service visits.
- Liquid Line Filter Driers: Factory installed at a convenient location for service.
- One Piece Top/Orifice: Designed for maximum airflow and quiet operation.
- Easy Compressor and Control Access: Designed to make servicing easier for the contractor, access panels are
- provided to all controls and the compressor from the side of the unit.
- Common Suction Service Port: This port allows the contractor to read the suction pressure in all modes of operation without removing any panels, saving time and increasing serviceability.
- 3 Minute Restart Delay: When the unit shuts down, a 3 minute delay keeps the unit from restarting, eliminating the highest cause for compressor failure.
- Suction Accumulator: Protection from liquid flood back and future compressor failures.
- Hot Gas Muffler: Reduces compressor noise and vibration.
- Compressor Sound Blanket: Engineered to significantly reduce unwanted compressor noise.
- Swept-Wing Fan Blade: Designed to significantly reduce unwanted noise

FRIGIDAIRE

Part No.	Volts-Cycles- Phase (1)	Total Amps	Delay Fuse Max. (2)	Min. Circuit Ampacity	Ship Wt (lbs.)	Dimensions (in) H	W	D	Price
FT4BF-024KB	208/230-60-1	11.4	20	14	265	45.5	31.25	31.25	2717.76
FT4BF-036KA	208/230-60-1	17.9	35	22.1	289	45.5	31.25	31.25	3181.78
FT4BF-048KA	208/230-60-1	24.0	50	29.3	289	45.5	31.25	31.25	3611.92
FT4BF-060KA	208/230-60-1	25.9	50	31.7	313	45.5	31.25	31.25	3820.68

(Call) Please contact your local Aireco branch for pricing.

HEAT PUMP SPLIT

FT4BG SERIES - Up to 19 SEER Residential System 2 - 5 Ton Capacities

R-410A High Efficiency Heat Pump



Features and Benefits:

- iQ Drive: Inverter driven Samsung rotary compressor provides five capacities in modulating operation from a two stage thermostat.
- Interface Control Board: Two digit LED provides system operation, status and diagnostic troubleshooting information.
- Utilizes a NORDYNE: Patented capacity control algorithm to select the optimum system capacity level.
- System Protection: Internal controls monitor system operation to protect the inverter drive and compressor.
- Cooling Operating Temperature Range: 50 degrees F – 125 degrees F
- Locks Out Heat Pump Heating: Below 0 degrees F
- Adaptive Demand Defrost: Provides additional energy savings in heating by defrosting only when necessary.
- 5 Minute Restart Time Delay: When the unit shuts down, a delay keeps the unit from restarting, eliminating the highest cause for compressor failure.
- Easy Compressor and Control Access: Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- Suction Accumulator: Protection from liquid flood back and future compressor failures.
- Compressor Sound Blanket: Engineered to significantly reduce unwanted compressor noise.
- Common Suction Service Port: This port allows the contractor to read the suction pressure in all modes of operation without removing any panels, saving time and increasing serviceability.
- Low Pressure Switch: Loss of charge protection ensures long compressor life. Auto reset prevents nuisance service visits.
- High Pressure Switch: Protects against abnormally high system pressures. Auto reset feature prevents nuisance service visits.
- Liquid Line Filter Driers: Factory installed at a convenient location for service.
- One Piece Top/Orifice: Designed for maximum airflow and quiet operation.
- Discharge Muffler: Reduces compressor noise and vibration.
- High Efficiency with low sound levels: Up to 19 SEER with sound ratings of 59-73 depending upon operating conditions.
- R-410A Refrigerant: Environmentally friendly non ozone depleting refrigerant.
- Variable Speed Condenser Motor and Swept-Wing Fan Blade: A heavy duty brushless DC motor for long lasting reliability and engineered to provide quiet operation. Requires no maintenance and is completely protected from rain and snow.
- Louvered Condenser Guard: Durable metal guard protects the coil from yard hazards and extreme weather.
- Removable Top Grille Assembly: Allows ease of service to the fan motor.
- Copper Tube/Aluminum Fin Coils: Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- Composite Base Pan: Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- Durable, Attractive Cabinet: Designed using galvanized steel with a polyester urethane finish. The 950 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.

FRIGIDAIRE

Part No.	Volts-Cycles- Phase (1)	Total Amps	Delay Fuse Max. (2)	Min. Circuit Ampacity	Ship Wt (lbs.)	Dimensions (in) H	W	D	Price
FT4BG-024K	208/230-60-1	13.1	25	15.8	200	37	31.25	31.25	4300.84
FT4BG-036K	208/230-60-1	17.5	35	21.2	220	41	31.25	31.25	4974.60
FT4BG-048K	208/230-60-1	23.5	45	28.7	252	41	31.25	31.25	5536.16
FT4BG-060K	208/230-60-1	31.2	60	38	272	45	31.25	31.25	6089.54

(Call) Please contact your local Aireco branch for pricing.

AS EASY TO SERVICE AS IT IS TO SELL!

FRIGIDAIRE'S NEW SPLIT-SYSTEM UNITS feature numerous improvements that make servicing them a breeze.

And with 90% brand awareness, they're as easy to sell as they are to maintain. In fact, 1 in 2 Americans have purchased a Frigidaire product, with half of them doing so in the last two years. That's loyalty!

- A redesigned cabinet for faster and easier servicing
- New corner posts and crown top pan
- Easily removable panels for quicker access from all sides
- Extruded screw holes to prevent stripping
- More holes in base pan for better drainage



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FRIGIDAIRE

AIR CONDITIONING EQUIPMENT

AIR CONDITIONER SPLIT

JS4BE SERIES - 14 SEER Residential System

R-410A High Efficiency Air Conditioner



Features and Benefits:

- Designed using galvanized steel: with a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- Permanently Lubricated Motor: A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- Composite Base Pan: Absorbs sound and corrosion resistant. Composite is also stronger and lighter than steel.
- R-410A Refrigerant: Earth friendly non-ozone depleting refrigerant.
- Easy Compressor and Control Access: Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.

Gibson

Part No.	Cooling BTUh	SEER	Operating Voltage Range	EER	Dimensions (in)			Shipping Weight (lbs)	Price
					H	W	D		
JS4BE-018KA	18,000	14	187-253	12.2	27	22.75	22.75	113	1218.36
JS4BE-024KA	24000	14	187-253	12.2	31	22.75	22.75	134	1245.80
JS4BE-030KA	29000	14	187-253	12	27	30.75	30.75	140	1416.30
JS4BE-036KA	34800	14	187-253	12.2	35	30.75	30.75	155	1562.46
JS4BE-042KA	40500	14	187-253	12.2	39	30.75	30.75	184	1745.20
JS4BE-048KA	45500	14	187-253	11.7	39	30.75	30.75	186	1897.48
JS4BE-060KA	57000	14	187-253	11.7	43	30.75	30.75	196	2294.02

JS6BF/JS4BF SERIES - 16 SEER Residential System

R-410A High Efficiency Air Conditioner



Features and Benefits:

- Composite Base Pan: Absorbs sound and corrosion resistant. Composite is also stronger and lighter than steel.
- R-410A Refrigerant: Earth friendly non-ozone depleting refrigerant.
- Durable, Attractive Cabinet: Designed using galvanized steel with a polyester urethane finish. The 950 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- Removable Top Grille Assembly: Allows ease of service from the top without disconnecting fan motor leads.
- High Pressure Switch: Protects against abnormally high system pressures. Auto-reset feature prevents nuisance service visits.
- Liquid Line Filter Drier: Included with unit, field installed.
- One Piece Top/Orifice: Designed for maximum airflow and quiet operation.
- Easy Compressor and Control Access: Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.

Gibson

Part No.	High Speed Capacity (BTUh)	SEER	Operating Voltage Range	EER	Dimensions (in)			Shipping Weight (lbs)	Price
					H	W	D		
JS6BF-024K	24,000	16	187-253	13	35	22.75	22.75	171	1986.34
JS6BF-030K	29000	16	187-253	13	27	30.75	30.75	187	2172.58
JS6BF-036K	34200	16	187-253	13	39	30.75	30.75	207	2358.78
JS6BF-042K	40000	16	187-253	13	43	30.75	30.75	217	2504.96
JS6BF-048K	46000	16	187-253	13	43	30.75	30.75	227	2883.86
JS4BF-060KC	55000	16	187-253	12.5	43	30.75	30.75	195	2976.30

(Call) Please contact your local Aireco branch for pricing.

HEAT PUMP SPLIT

JT4BE SERIES - 14 SEER Residential System 1-1/2 - 5 Ton Capacity

R-410A High Efficiency Heat Pump



Features and Benefits:

- R-410A Refrigerant: Environmentally friendly.
- Designed Using Galvanized Steel: With a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- Permanently Lubricated Condenser Motor: A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- Composite Base Pan: Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- Complete Metal Wrapper: Protects the unit's coil from being damaged.
- Removable Top Grille Assembly: Allows ease of service to the fan motor.
- High Pressure Switch: Protects against abnormally high system pressures. Autoreset feature prevents nuisance service visits.
- Liquid Line Filter Driers: Factory installed at a convenient location for service.
- One Piece Top/Orifice: Designed for maximum airflow and quiet operation

Gibson Heating and Cooling Products

Part No.	Volts-Cycles- Phase (1)	Total Amps	Delay Fuse Max. (2)	Min. Circuit Ampacity	Ship Wt (lbs.)	Dimensions (in) H	W	D	Price
JT4BE-018KA	208/230-60-1	9.9	20	12.1	144	31.5	30.75	30.75	1570.16
JT4BE-024KA	208/230-60-1	14.4	30	17.7	149	31.5	30.75	30.75	1714.22
JT4BE-030KA	208/230-60-1	13.7	25	16.9	158	39.5	30.75	30.75	1830.44
JT4BE-036KA	208/230-60-1	15.1	30	18.6	167	43.5	30.75	30.75	1978.64
JT4BE-042KA	208/230-60-1	19.4	40	23.9	200	43.5	30.75	30.75	2311.56
JT4BE-048KA	208/230-60-1	21.3	45	26.3	202	43.5	30.75	30.75	2608.64
JT4BE-060KA	208/230-60-1	27.7	60	34.3	210	43.5	30.75	30.75	2807.22

JT4BF-KA/B SERIES - 16 SEER Residential System 2 - 5 Ton Capacity

R-410A High Efficiency Heat Pump



Features and Benefits:

- R-410A Refrigerant: Environmentally friendly.
- Copeland Scroll Ultra Tech Compressor: Operates with 2 stages of heating and cooling capacities to provide superior comfort and efficiency. Copeland's proven and simple design equates to years of comfort and reliability for the homeowner with virtually silent operation.
- Durable, Attractive Cabinet: Designed using galvanized steel with a polyester urethane finish. The 950 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- Composite Base Pan: Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- Copper Tube/Aluminum Fin Coils: Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- Demand Defrost: Provides additional energy savings in heating by defrosting only when necessary.
- Complete Metal Wrapper: Durable metal guard protects the coil from yard hazards and extreme weather.
- Removable Top Grille Assembly: Allows ease of service to the fan motor.
- Low Pressure Switch: Loss of charge protection ensures long compressor life. Autoreset prevents nuisance service visits.
- High Pressure Switch: Protects against abnormally high system pressures. Autoreset feature prevents nuisance service visits.

Gibson Heating and Cooling Products

Part No.	Volts-Cycles- Phase (1)	Total Amps	Delay Fuse Max. (2)	Min. Circuit Ampacity	Ship Wt (lbs.)	Dimensions (in) H	W	D	Price
JT4BF-024KB	208/230-60-1	11.4	20	14	265	43.5	31	31	2381.32
JT4BF-036KA	208/230-60-1	17.9	35	22.1	289	43.5	31	31	2871.52
JT4BF-048KA	208/230-60-1	24.0	50	29.3	289	43.5	31	31	3164.78
JT4BF-060KA	208/230-60-1	25.9	50	31.7	313	43.5	31	31	3482.24

AIR CONDITIONING EQUIPMENT

AIR HANDLERS

B6BMM0 SERIES - 14 SEER RESIDENTIAL SYSTEM

18,000 - 60,000 Btuh (Heat Pump & Air Conditioner)



The B6BMM0 Series of air handlers, when combined with our heat pump or air conditioner, offer a full line of quality, split system heating and cooling. This product carries a 5-year all parts warranty. When installed with a matched outdoor unit, the air handler will carry the outdoor system warranty.

Features and Benefits:

- Durable, Attractive Cabinet: Galvanized steel with a polyester urethane finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units. The Plastic drain pan is corrosion-resistant.
- Multi-poised: Can be used in horizontal, upflow, downflow, and vertical applications.
- Multi-speed: Gives flexibility of installation.
- Ease of Service: Plug-in wire connections and built-in filter rack makes the air handler easy to service.
- Plug-in Heater Kits: Available in 5kw-30kw (Not for use in 115 Volt units)
- Circuit Board: Incorporating blower time delay relay, low voltage terminal strip, and heat-strip sequencing.
- Air Handler Control Board: Controls time sequencing of heat stages with field-selectable sequence timing.
- Breaker Accessibility: Breaker accessible from front of unit when heater is applied

FRIGIDAIRE

	Dimensions (in)					
Part No.	H	W	Nom. Cooling Capacity (BTUh)	Max. Aux. Heat	Shipping Wt (lbs)	Price
B6BMM024K-A	43-5/16	14-3/16	24000	10	80	828.00
B6BMM030K-A	43-5/16	14-3/16	30000	15	82	976.00
B6BMM024K-B	43-5/16	19-11/16	24000	10	98	930.00
B6BMM030K-B	43-5/16	19-11/16	30000	20	101	992.00
B6BMM036K-B	43-5/16	19-11/16	36000	20	101	1018.00
B6BMM042K-B	49-5/16	19-11/16	42000	20	119	1156.00
B6BMM048K-B	49-5/16	19-11/16	48000	20	119	1174.00
B6BMM048K-C	55-15/16	22-7/16	48000	30	137	1200.00
B6BMM060K-C	55-5/16	22-7/16	60000	30	142	1592.00

B6BMMX SERIES - 14 SEER RESIDENTIAL SYSTEM

18,000 - 60,000 Btuh (Heat Pump & Air Conditioner)



The B6BMMX series of air handlers, when combined with our heat pump or air conditioner, offer a full line of quality, split system heating and cooling equipment.

Features and Benefits:

- Durable, Attractive Cabinet: Galvanized steel with a polyester urethane finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units. The Plastic drain pan is corrosion-resistant.
- Multi-poised: Can be used in horizontal, upflow, downflow, and vertical applications.
- Multi-speed: Gives flexibility of installation.
- Ease of Service: Plug-in wire connections and built-in filter rack makes the air handler easy to service.
- Plug-in Heater Kits: Available in 5kw-30kw (Not for use in 115 Volt units)
- Circuit Board: Incorporating blower time delay relay, low voltage terminal strip, and heat-strip sequencing.
- Air Handler Control Board: Controls time sequencing of heat stages.
- Breaker Accessibility: Breaker accessible from front of unit when heater is applied.

FRIGIDAIRE

	Dimensions (in)					
Part No.	H	W	Refrigerant Flow Control	Available Heat (kW)	Shipping Wt (lbs)	Price
B6BMMX24K-A	43-5/16	14-3/16	24000	15	87	968.00
B6BMMX30K-A	43-5/16	14-3/16	30000	15	90	1114.00
B6BMMX24K-B	43-5/16	19-11/16	24000	20	107	1070.00
B6BMMX30K-B	43-5/16	19-11/16	30000	20	110	1130.00
B6BMMX36K-B	49-5/16	19-11/16	36000	20	110	1156.00
B6BMMX42K-B	49-5/16	19-11/16	42000	20	130	1294.00
B6BMMX48K-C	55-15/16	22-7/16	48000	30	150	1408.00
B6BMMX60K-C	55-15/16	22-7/16	60000	30	155	1730.00

AIR HANDLERS

B6EMMX SERIES - AIR HANDLER WITH TXV - 14-15 SEER RESIDENTIAL SYSTEM

18,000 - 60,000 Btuh (Heat Pump & Air Conditioner) - R-410A Refrigerant



Features and Benefits:

- Energy Efficient Fixed Speed ECM Motor: Provides 16 field-selectable cooling airflows and 16 field-selectable heating airflows to match any application.
- Quiet Blower Operation: Extra quiet and smooth blower on and off cycles.
- Reduced air stratification: This results in improved air quality by optimizing humidity removal and filtration capabilities.
- Multi-poised: Can be used in horizontal, upflow, downflow, and vertical applications.
- Built in Filter Rack: Makes their air handler easy to service.
- Plug-in Heater Kit: Available in 5kw through 30kw (Not for use in 115 Volt units)
- Circuit Board: Incorporating blower time delay relay, low voltage terminal strip, and heat-strip sequencing.
- Breaker Accessibility: Breaker accessible from the front of the unit when is heater is applied.
- Plastic Drain Pan: Provides corrosion resistance.

FRIGIDAIRE

	Nom. Blower Size					
Part No.	H	W	Refrigerant Flow Control	Available Heat (kW)	Shipping Wt (lbs)	Price
B6EMMX24K-A	10	6	TXV	15	93	942.22
B6EMMX24K-B	11	8	TXV	20	105	1027.66
B6EMMX30K-A	10	6	TXV	15	95	976.70
B6EMMX30K-B	11	8	TXV	20	107	1051.82
B6EMMX36K-B	11	8	TXV	20	110	1150.20
B6EMMX42K-B	11	8	TXV	20	117	1237.00
B6EMMX48K-C	11	10	TXV	30	140	1542.96
B6EMMX60K-C	11	10	TXV	30	140	1746.30
B6EMMX24K-A	10	6	TXV	15	93	942.22
B6EMMX24K-B	11	8	TXV	20	105	1027.66
B6EMMX30K-A	10	6	TXV	15	95	976.70
B6EMMX30K-B	11	8	TXV	20	107	1051.82
B6EMMX36K-B	11	8	TXV	20	110	1150.20
B6EMMX42K-B	11	8	TXV	20	117	1237.00
B6EMMX48K-C	11	10	TXV	30	140	1542.96
B6EMMX60K-C	11	10	TXV	30	140	1746.30

B6VMMX SERIES - Air Handler with TXV 18,000 - 60,000 Btuh

R-410A Refrigerant



Features and Benefits:

- Energy Efficient Variable Speed ECM Motor: Advanced technology provides 16 fieldselectable cooling airflows and automatically sets heating airflows based on the amount of installed heat.
- Quiet Blower Operation: Extra quiet and smooth blower on and off cycles.
- Constant Airflow: Motor automatically adjusts to different static loads.
- Reduced Air Stratification: This results in improved air quality by optimizing humidity removal and filtration capabilities.
- Multi-poised: Can be used in horizontal, upflow, downflow and vertical applications.
- Built in Filter Rack: makes the air handler easy to service.
- Plug-in Heater Kit: Available in 5kw – 30kw (Not for use in 115 Volt units)
- Circuit Board: Incorporating blower time delay relay, low voltage terminal strip, and heat-strip sequencing.
- Breaker Accessibility: Breaker accessible from the front of the unit when heater is applied.
- Plastic Drain Pan: Provides corrosion resistance.
- Durable Cabinet: Galvanized steel with a polyurethane finish. The finish will endure 950 hours of salt spray and resist corrosion 50% better than comparable units

FRIGIDAIRE

	Nom. Blower Size					
Part No.	H	W	Refrigerant Flow Control	Available Heat (kw)	Shipping Wt (lbs)	Price
B6VMMX24K-A	10	6	TXV	15	93	1746.00
B6VMMX24K-B	11	8	TXV	20	105	1908.00
B6VMMX30K-A	10	6	TXV	15	95	1878.00
B6VMMX30K-B	11	8	TXV	20	107	2026.00
B6VMMX36K-B	11	8	TXV	20	110	2068.00
B6VMMX42K-B	11	8	TXV	20	117	2204.00
B6VMMX48K-C	11	10	TXV	30	140	2370.00
B6VMMX60K-C	11	10	TXV	30	140	2696.00

AIR HANDLERS

B6VMAX SERIES - 14-19 SEER RESIDENTIAL SYSTEM

Air Handler with TXV 18,000 - 60,000 Btuh (Heat Pump & Air Conditioner) - R-410A Refrigerant



Features and Benefits:

- Energy Efficient Variable Speed ECM Motor: Advanced technology provides 16 field selectable cooling airflows and automatically sets heating airflows based on the amount of installed heat.
- Quiet Blower Operation: Extra quiet and smooth blower on and off cycles.
- Constant Airflow: Motor automatically adjusts to different static loads.
- Reduced Air Stratification: This results in improved air quality by optimizing humidity removal and filtration capabilities.
- Multi-poised: Can be used in horizontal, up flow, down flow and vertical applications.
- Plug-in Heater Kit: Available in 5kw – 30kw (Not for use in 115 Volt units)
- Circuit Board: Incorporating blower time delay relay, low voltage terminal strip, and heat-strip sequencing.
- Breaker Accessibility: Breaker accessible from the front of the unit when heater is applied.
- Plastic Drain Pan: Provides corrosion resistance.

FRIGIDAIRE

	Nom. Blower Size					
Part No.	D	W	Refrigerant Flow Control	Available Heat (kW)	Shipping Wt (lbs)	Price
B6VMAX24K-A	10	6	TXV	15	91	1750.00
B6VMAX24K-B	11	8	TXV	20	120	1908.00
B6VMAX30K-A	10	6	TXV	15	91	1878.00
B6VMAX30K-B	11	8	TXV	20	111	2026.00
B6VMAX36K-B	11	8	TXV	20	140	2068.00
B6VMAX42K-B	11	8	TXV	20	140	2204.00
B6VMAX48K-C	11	10	TXV	30	170	2370.00
B6VMAX60K-C	11	10	TXV	30	170	2696.00

B6BW SERIES - 13 SEER RESIDENTIAL OR MULTI-FAMILY SYSTEM

1.5 - 3.0 Tons (Air Conditioner]



Features and Benefits:

- Multi-speed: Gives flexibility of installation.
- Blower Control Board: Incorporating blower time delay.
- Ease of Service: Plug-in wire connections and built-in filter rack makes the air handler easy to service.
- Heater Kits Installed: Available in 5kw, 8kw, & 10kw.
- Breaker Accessibility: Breaker accessible from front of unit.
- Fully Insulated Cabinet: For quiet operation.
- Front and/or Bottom Return Air

FRIGIDAIRE

	Dimensions (in)					
Part No.	H	W	Nom. Cooling Capacity (BTUh)	Available Heat (kw)	Shipping Wt (lbs)	Price
B6BW018	36-3/8	15	17200	5, 8	80	Call
B6BW024	36-3/8	15	24000	5, 8, 10	80	Call
B6BW030	43-1/2	15	27600	5, 8, 10	88	Call
B6BW036	43-1/2	21	33000	5, 8, 10	92	Call

GAS FURNACE

FG7S (C AND L) SERIES

High Efficiency/Direct Vent or Non Direct Vent Single Stage Condensing Upflow/Horizontal and Downflow Gas Furnaces

Induced Draft - 92.1 AFUE Input 38,000 - 120,000 Btuh



The high efficiency upflow gas furnace may be installed free standing in a utility room, basement, or enclosed in an alcove or closet.
Upflow/horizontal units come ready for upflow or horizontal application. The extended flush jacket provides a pleasing "appliance appearance." Design certified by CSA for application in Canada and the United States.

Features and Benefits:

- 100% fired and tested: All units and each component are tested on the manufacturing line.
- Best packaging in the industry: Unique corner post design assures product will arrive to the homeowner dent free.
- 30 second post purge: Increases life of heat exchanger.
- Hot surface igniter: Innovative application of a silicon nitride type igniter. Utilizes proven Smartlite technology.
- Color coded wire harness: Designed to fit the components, all with quick connect fittings for ease of service and replacement.
- Low Boy Height: Easy to apply in low ceiling applications, works well with taller high SEER coils, easier to handle and install.
- Tubular Primary Heat Exchanger: Heavy gauge aluminized steel heat exchanger and stainless steel secondary heat exchanger assures a long life.
- 90 Second Fixed Cooling Cycle Blower-Off Delay (TDR): Increases cooling performance when matched with a Nordyne coil.
- 30 second blower delay: At start-up assures a warm duct temperature at furnace startup. Adjustable blower off settings (60, 90, 120, and 180 seconds).
- High Static Blowers: All models equipped with high static blowers.

FRIGIDAIRE

Part No.	Input (Btuh)	Heating Capacity (Btuh)	AFUE	Blower D x W	Motor H.P Speed - Type	Motor FLA	Rated Ext. SP - In. W.C.	Temp Rise Range (°F)	Shipping Wt (lbs)	Flow	Price
FG7SC-038D-23A	38000	35000	92.1	10 x 6	1/3 - 4 - PSC	4.80	0.5	30-60	100	Upflow	1225.36
FG7SC-054D-24B	54000	49700	92.1	11 x 8	1/2 - 4 - PSC	8.20	0.5	30-60	120	Upflow	1267.36
FG7SC-072D-24B	72000	66000	92.1	11 x 8	1/2 - 4 - PSC	8.20	0.5	35-65	125	Upflow	1357.30
FG7SC-072D-35C	72000	66000	92.1	10 x 10	1/2 - 4 - PSC	7.50	0.5	35-65	130	Upflow	1411.60
FG7SC-090D-35C	90000	82800	92.1	11 x 10	1.0 - 4 - PSC	13.75	0.5	35-65	135	Upflow	1799.13
FG7SC-108D-45D	108000	99000	92.1	11 x 10	1.0 - 4 - PSC	13.75	0.5	40-70	155	Upflow	1578.86
FG7SC-120D-45D	120000	110400	92.1	11 x 10	1.0 - 4 - PSC	13.75	0.5	40-70	155	Upflow	1601.06
FG7SL-072D-24B	72000	66000	92.1	11 x 8	1/2 - 4 -PSC	8.20	0.5	35-65	125	Downflow	1463.52
FG7SL-120D-45D	120000	110400	92.1	11 x 10	1.0 - 4 - PSC	13.75	0.5	40-70	155	Downflow	1754.24

(Call) Please contact your local Aireco branch for pricing.

FG7T (A AND K) SERIES

Two Stage, Fixed Speed ECM, High Efficiency Upflow/Horizontal and Downflow Gas Furnaces

Induced Draft - 95.1 AFUE Input 60,000 - 120,000 Btuh



The high efficiency upflow gas furnace may be installed free standing in a utility room, basement, or enclosed in an alcove or closet. Upflow/horizontal units come ready for upflow or horizontal application. The extended flush jacket provides a pleasing "appliance appearance." Design certified by CSA for application in Canada and the United States.

Features and Benefits:

- i SEER: Energy efficient brushless DC (ECM) motor gives up to 1 SEER point efficiency gain in cooling.
- 100% fired and tested: All units and each component are tested on the manufacturing line.
- Best packaging in the industry: Unique corner post design assures product will arrive to the homeowner dent free.
- 30 second post purge: Increases life of heat exchanger.
- Hot surface igniter: Innovative application of a silicon nitride type igniter. Utilizes proven Smartlite technology
- Color coded wire harness: Designed to fit the components, all with quickconnect fittings for ease of service and replacement.
- Low Boy Height: Easy to apply in low ceiling applications, works well with taller high SEER coils, easier to handle and install.
- Tubular Primary Heat Exchanger: Heavy gauge aluminized steel heat exchanger and stainless steel secondary heat exchanger assures a long life

FRIGIDAIRE

Part No.	Input (Btuh)	Heating Capacity (Btuh)	AFUE	Blower D x W	Motor H.P Speed - Type	Motor FLA	Rated Ext. SP - In. W.C.	Temp Rise Range (°F)	Shipping Wt (lbs)	Flow	Price
FG7TA-060C-VA1	60000	48000	80.0	10 x 6	1/2 - Variable	6.2	0.5	25-55	115	Upflow	1443.28
FG7TA-080C-VB1	80000	64000	80.0	11 x 8	1/2 - Variable	6.2	0.5	30-60	110	Upflow	1474.82
FG7TA-100C-VC1	100000	80000	80.0	11 x 10	3/4 - Variable	8.7	0.5	35-65	125	Upflow	1629.68
FG7TA-120C-VC1	120000	96000	80.0	11 x 10	3/4 - Variable	8.7	0.5	35-65	135	Upflow	1667.54
FG7TA-140C-VD1	140000	112000	80.0	11 x 10	1 - Variable	11.7	0.5	40-70	155	Upflow	1743.20

(Call) Please contact your local Aireco branch for pricing.

GAS FURNACE

FG7T (C AND L) VS SERIES

Two Stage, Variable Speed, Condensing Upflow/Horizontal and Downflow Gas Furnaces

Induced Draft - 95.1 AFUE Input 60,000 - 120,000 Btuh



The high efficiency upflow gas furnace may be installed free standing in a utility room, basement, or enclosed in an alcove or closet. Upflow/horizontal units come ready for upflow or horizontal application. The extended flush jacket provides a pleasing "appliance appearance." Design certified by CSA for application in Canada and the United States.

Features and Benefits:

- i SEER: Energy efficient brushless DC (ECM) motor gives up to 1 SEER point efficiency gain in cooling.
- 100% fired and tested: All units and each component are tested on the manufacturing line.
- Best packaging in the industry: Unique corner post design assures product will arrive to the homeowner dent free.
- 30 second post purge: Increases life of heat exchanger.
- Hot surface igniter: Innovative application of a silicon nitride type igniter. Utilizes proven Smartlite technology.
- Color coded wire harness: Designed to fit the components, all with quickconnect fittings for ease of service and replacement.
- Low Boy Height: Easy to apply in low ceiling applications, works well with taller high SEER coils, easier to handle and install.
- Tubular Primary Heat Exchanger: Heavy gauge aluminized steel heat exchanger and stainless steel secondary heat exchanger assures a long life.
- 90 Second Fixed Cooling Cycle Blower-Off Delay (TDR): Increases cooling performance when matched with a Nordyne coil.
- 30 second blower delay: At start-up assures a warm duct temperature at furnace startup. Adjustable blower off settings (60, 90, 120, and 180 seconds).
- High Static Blowers: All models equipped with high static blowers.
- LP Convertible: Simple burner orifice change for ease of convertibility

FRIGIDAIRE

Part No.	Heating Capacity (Btuh)	AFUE	Blower D x W	Motor H.P Speed - Type	Motor FLA	Rated Ext. SP - In. W.C.	Temp Rise Range (°F)	Shipping Wt (lbs)	Flow	Price
FG7TC-060D-VB	57000	95.1	11 x 8	1/2 - Variable	6.2	0.5	30-60	125	Upflow	2226.78
FG7TC -080D-VC	76000	95.1	11 x 10	3/4 - Variable	8.7	0.5	35-65	135	Upflow	2309.20
FG7TC -100D-VC	95000	95.1	11 x 10	3/4 - Variable	8.7	0.5	35-65	145	Upflow	2517.06
FG7TC -120D-VD	114000	95.1	11 x 10	1 - Variable	11.70	0.5	40-70	160	Upflow	2665.94
FG7TL-060D-VB	37050	95.1	11 x 8	1/2 - Variable	6.2	0.5	30-60	125	Downflow	2175.18
FG7TL-080D-VC	49400	95.1	11 x 10	3/4 - Variable	8.7	0.5	35-65	135	Downflow	2324.12
FG7TL-100D-VC	61750	95.1	11 x 10	3/4 - Variable	8.7	0.5	35-65	145	Downflow	2456.88
FG7TL-120D-VD	74100	95.1	11 x 10	1 - Variable	11.70	0.5	40-70	160	Downflow	2658.22

(Call) Please contact your local Aireco branch for pricing.

GAS FURNACE

KG7S (A AND K) SERIES

High Efficiency Upflow/Horizontal and Downflow Gas Furnaces

Induced Draft - 80+ AFUE Input 45,000 - 126,000 Btuh



Features and Benefits:

- 100% fired and tested: All units and each component are tested on the manufacturing line.
- Best packaging in the industry: Unique corner post design assures product will arrive to the homeowner dent free.
- 30 second post purge: Increases life of heat exchanger.
- Hot surface igniter: Innovative application of a silicon nitride type igniter. Utilizes proven Smartlite technology.
- Color coded wire harness: Designed to fit the components, all with quick connect fittings for ease of service and replacement.
- Low Boy Height: Easy to apply in low ceiling applications, works well with taller high SEER coils, easier to handle and install.
- Tubular Primary Heat Exchanger: Heavy gauge aluminized steel heat exchanger and stainless steel secondary heat exchanger assures a long life.
- 90 Second Fixed Cooling Cycle Blower-Off Delay (TDR): Increases cooling performance when matched with a Nordyne coil.
- 30 second blower delay: At start-up assures a warm duct temperature at furnace startup. Adjustable blower off settings (60, 90, 120, and 180 seconds).

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Part No.	Input (Btuh)	Heating Capacity (Btuh)	AFUE	Blower D x W	Motor H.P Speed - Type	Motor FLA	Rated Ext. SP - In. W.C.	Temp Rise Range (°F)	Shipping Wt (lbs)	Flow	Price
KG7SA-045C-23A	45000	36000	80	10 x 6	1/3 - 4 - PSC	4.8	0.5	30-60	100	Upflow	832.82
KG7SA-054C-23A	54000	43200	80	10x6	1/3-4-PSC	4.8	0.5	30-60	100	Upflow	891.71
KG7SA-072C-24B	72000	57600	80	11x8	1/2-4-PSC	8.2	0.5	35-65	110	Upflow	914.13
KG7SA-072C-35C	72000	57600	80	10x10	1/2-4-PSC	7.5	0.5	35-65	115	Upflow	988.00
KG7SA-090C-24B	90000	72000	80	11x8	1/2-4-PSC	8.2	0.5	35-65	115	Upflow	1035.74
KG7SA-090C-35C	90000	72000	80	10x10	1/2-4-PSC	7.5	0.5	35-65	120	Upflow	1050.53
KG7SA-108C-35C	108000	86400	80	11x10	1.0-4-PSC	13.75	0.5	40-70	125	Upflow	1124.97
KG7SA-126C-45D	126000	100800	80	11x10	1.0-4-PSC	13.75	0.5	40-70	145	Upflow	1284.00
KG7SK-054C-23A	54000	43200	80	10x6	1/3-4-PSC	4.8	0.5	30-60	100	Downflow	875.34
KG7SK-072C-24B	72000	57600	80	11x8	1/2-4-PSC	8.2	0.5	35-65	110	Downflow	926.61
KG7SK-090C-24B	90000	72000	80	11x8	1/2-4-PSC	8.2	0.5	35-65	115	Downflow	1003.74
KG7SK-108C-35C	108000	86400	80	11x10	1.0-4-PSC	13.75	0.5	40-70	125	Downflow	1108.05
KG7SK-126C-45D	126000	100800	80	11x10	1.0-4-PSC	13.75	0.5	40-70	145	Downflow	1151.45

GAS FURNACE

KG7S (C AND L) SERIES

High Efficiency/Direct Vent or Non Direct Vent Single Stage - Condensing Upflow/Horizontal and Downflow Gas Furnaces

Induced Draft - 92.1 AFUE Input 38,000 - 120,000 Btuh



Features and Benefits:

- 100% fired and tested: All units and each component are tested on the manufacturing line.
- Best packaging in the industry: Unique corner post design assures product will arrive to the homeowner dent free.
- 30 second post purge: Increases life of heat exchanger.
- Hot surface igniter: Innovative application of a silicon nitride type igniter. Utilizes proven Smartlite technology.
- Color coded wire harness: Designed to fit the components, all with quick connect fittings for ease of service and replacement.
- Low Boy Height: Easy to apply in low ceiling applications, works well with taller high SEER coils, easier to handle and install.
- Tubular Primary Heat Exchanger: Heavy gauge aluminized steel heat exchanger and stainless steel secondary heat exchanger assures a long life.
- 90 Second Fixed Cooling Cycle Blower-Off Delay (TDR): Increases cooling performance when matched with a Nordyne coil.
- 30 second blower delay: At start-up assures a warm duct temperature at furnace startup. Adjustable blower off settings (60, 90, 120, and 180 seconds).
- High Static Blowers: All models equipped with high static blowers.
- LP Convertible: Simple burner orifice change for ease of convertibility.

Gibson

Part No.	Input (Btuh)	Heating Capacity (Btuh)	AFUE	Blower D x W	Motor H.P Speed - Type	Motor FLA	Rated Ext. SP - In. W.C.	Temp Rise Range (°F)	Shipping Wt (lbs)	Flow	Price
KG7SC-038D-23A	38000	35000	92.1	10 x 6	1/3 - 4 - PSC	4.80	0.5	30-60	100	Upflow	1112.54
KG7SC-054D-24B	54000	49700	92.1	11 x 8	1/2 - 4 - PSC	8.20	0.5	30-60	120	Upflow	1150.64
KG7SC-072D-24B	72000	66000	92.1	11 x 8	1/2 - 4 - PSC	8.20	0.5	35-65	125	Upflow	1208.90
KG7SC-072D-35C	72000	66000	92.1	10 x 10	1/2 - 4 - PSC	7.50	0.5	35-65	130	Upflow	1281.60
KG7SC-090D-35C	90000	82800	92.1	11 x 10	1.0 - 4 - PSC	13.75	0.5	35-65	135	Upflow	1579.53
KG7SC-108D-45D	108000	99000	92.1	11 x 10	1.0 - 4 - PSC	13.75	0.5	40-70	155	Upflow	1373.36
KG7SL-054D-24B	54000	49700	92.1	11 x 8	1/2 - 4 -PSC	8.20	0.5	30-60	120	Downflow	1213.54
KG7SL-072D-24B	72000	66000	92.1	11 x 8	1/2 - 4 -PSC	8.20	0.5	35-65	125	Downflow	1259.86
KG7SL-090D-35C	90000	82800	92.1	10 x 10	1.0 - 4 - PSC	7.50	0.5	35-65	135	Downflow	1415.08
KG7SL-120D-45D	120000	110400	92.1	11 x 10	1.0 - 4 - PSC	13.75	0.5	40-70	155	Downflow	1491.52

GAS FURNACE

KG7T (A AND K) SERIES

Two Stage, Fixed Speed, High Efficiency Upflow/Horizontal and Downflow Gas Furnaces

Induced Draft - 80 + AFUE Input 60,000 - 140,000 Btuh



Features and Benefits:

- 100% fired and tested: All units and each component are tested on the manufacturing line.
- Best packaging in the industry: Unique corner post design assures product will arrive to the homeowner dent free.
- 30 second post purge: Increases life of heat exchanger.
- Hot surface igniter: Innovative application of a silicon nitride type igniter. Utilizes proven Smartlite technology.
- Color coded wire harness: Designed to fit the components, all with quick connect fittings for ease of service and replacement.
- Low Boy Height: Easy to apply in low ceiling applications, works well with taller high SEER coils, easier to handle and install.
- Tubular Primary Heat Exchanger: Heavy gauge aluminized steel heat exchanger and stainless steel secondary heat exchanger assures a long life.
- 90 Second Fixed Cooling Cycle Blower-Off Delay (TDR): Increases cooling performance when matched with a Nordyne coil.
- 30 second blower delay: At start-up assures a warm duct temperature at furnace startup. Adjustable blower off settings (60, 90, 120, and 180 seconds).change for ease of convertibility.

Gibson

Part No.	Input (Btuh)	Heating Capacity (Btuh)	AFUE	Blower D x W	Motor H.P Speed - Type	Motor FLA	Rated Ext. SP - In. W.C.	Temp Rise Range (°F)	Shipping Wt (lbs)	Flow	Price
KG7TA-060C-23A1	60000 / 39000	48000 / 31200	80.0	10 x 6	1/2 - BLDC	6.2	0.5	25-55	104	Upflow	1073.96
KG7TA-080C-24B1	80000 / 52000	64000 / 41600	80.0	11 x 8	1/2 - BLDC	6.2	0.5	30-60	116	Upflow	1095.16
KG7TA-100C-24B1	100000 / 65000	80000 / 52000	80.0	11 x 8	1/2 - BLDC	8.7	0.5	30-60	116	Upflow	1185.44
KG7TA-100C-35C1	100000 / 65000	80000 / 52000	80.0	11 x 10	3/4 - BLDC	8.7	0.5	35-65	135	Upflow	1261.48
KG7TA-120C-35C1	120000 / 78000	96000 / 62400	80.0	11 x 10	3/4 - BLDC	8.7	0.5	35-65	135	Upflow	1316.20
KG7TA-140C-45D1	140000 / 91000	112000 / 72800	80.0	11 x 10	1 - BLDC	11.7	0.5	40-70	154	Upflow	1584.74
KG7TK-060C-23A1	60000 / 39000	48000 / 31200	80.0	10 x 6	1/2 - BLDC	6.2	0.5	25-55	104	Downflow	1124.30
KG7TK-080C-24B1	80000 / 52000	64000 / 41600	80.0	11 x 8	1/2 - BLDC	6.2	0.5	30-60	116	Downflow	1206.10
KG7TK-100C-35C1	100000 / 65000	80000 / 52000	80.0	11 x 10	3/4 - BLDC	8.7	0.5	35-65	135	Downflow	1243.64
KG7TK-120C-35C1	120000 / 78000	96000 / 62400	80.0	11 x 10	3/4 - BLDC	8.7	0.5	35-65	135	Downflow	1590.39
KG7TK-140C-45D1	140000 / 91000	112000 / 72800	80.0	11 x 10	1 - BLDC	11.7	0.5	40-70	154	Downflow	1663.97

(Call) Please contact your local Aireco branch for pricing.

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Air Conditioners, Heat Pumps, Air Handlers and Coils



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AIR CONDITIONING EQUIPMENT

AUTOMATIC CONDENSATE PUMP

STANDARD PERFORMANCE



- 1/30 hp high performance motor
- ABS tank, motor cover, and volute
- 1/2 gallon tank capacity
- Stainless steel shaft
- Removable 3/8" (9.5 mm) barbed check valve
- 3 inlet drain holes
- Thermal overload protection
- Includes 20' (6.1 m) of 3/8" ID (9.5 mm) tubing (554431, 554435, and 554461 only)
- Safety switch (554435, 554425, 554455, and 554461 only)
- cCSAus

Little Giant

Part No.	Model	V	Safety Switch	Cord	Capacity	Shut Off	Price
554421	VCMA-20UL	115	–	6'/1.8 m	80 GPH @ 1'/303 LPH @ 0.31 m	20'	104.00
554451	VCMA-20UL	230	–	6'/1.8 m	80 GPH @ 1'/303 LPH @ 0.31 m	17'	103.00
554425	VCMA-20ULS	115	Yes	6'/1.8 m	80 GPH @ 1'/303 LPH @ 0.31 m	20'	103.00
554455	VCMA-20ULS	230	Yes	6'/1.8 m	80 GPH @ 1'/303 LPH @ 0.31 m	17'	110.00

HIGH PERFORMANCE



- For removal of condensate from air conditioners, suitable for high efficiency, gas furnace condensation, and condensing boilers
- Fully automatic: start, stop, safety switch
- Check valve outlet: 3/8" (9.5 mm), for 3/8" (9.5 mm) ID
- cCSAus listed
- Options: safety switch, 20' (6 m) of 3/8" (9.5 mm) tubing, and anti-sweat sleeve
- 1/30 hp high performance motor

Little Giant

Part No.	Model	V	Safety Switch	Cord	1	5	10	15	20	Shut Off	Price
554520	VCMX-20UL	115	–	6'	84	75	60	42	10	21'	110.00
554521	VCMX-20UL	230	–	6'	80	69	54	36	0	20'	115.00
554530	VCMX-20ULS	115	Yes	6'	84	75	60	42	10	21'	109.00
554531	VCMX-20ULS	230	Yes	6'	80	69	54	36	0	20'	Call

HIGH LIFT CAPACITY



- Galvanized steel tank cover
- ABS tank, volute, and switch cover
- 1 gallon tank capacity
- Stainless steel shaft
- Snap-action switch
- Thermal overload protection
- Safety switch (553201, 553211)
- cCSAus
- VCL-24ULS: 1/8 hp motor VCL-45ULS: 1/5 hp motor

Little Giant

Part No.	Model	V	Safety Switch	Cord	Capacity	Shut Off	Price
553206	VCL-24UL	115	–	6'/1.8 m	270 GPH @ 1'/1022 LPH @ 0.31 m	24'	548.00
553201	VCL-24ULS	115	Yes	6'/1.8 m	270 GPH @ 1'/1022 LPH @ 0.31 m	24'	215.00
553211	VCL-24ULS	230	Yes	6'/1.8 m	270 GPH @ 1'/1022 LPH @ 0.31 m	24'	230.00
553240	VCL-45ULS	115	–	6'/1.8 m	450 GPH @ 1'/1704 LPH @ 0.31 m	45'	496.00
553245	VCL-45ULS	230	–	6'/1.8 m	450 GPH @ 1'/1704 LPH @ 0.31 m	45'	87.00

LOW PROFILE



- Low profile for limited space applications
- 1/30 hp motor
- ABS tank, motor cover, and volute
- 3/10 gallon tank capacity
- Stainless steel shaft
- Removable 3/8" (9.5 mm) barbed check valve
- Thermal overload protection
- Safety switch
- cCSAus

Little Giant

Part No.	Model	V	Safety Switch	Cord	Capacity	Shut Off	Price
554200	VCC-20ULS	115	–	6'/1.8 m	80 GPH @ 1'/303 LPH @ 0.31 m	14'	134.00
554210	VCC-20ULS	230	Yes	6'/1.8 m	80 GPH @ 1'/303 LPH @ 0.31 m	14'	Call

AIR CONDITIONING EQUIPMENT

AUTOMATIC CONDENSATE PUMP

MINI FLOWATCH® 2



Fitted with specific connectors, this pump is easy to connect and disconnect for quick maintenance. Its small size makes it easy to set-up in small and medium air conditioning systems. The perfectly silent mini LOWATCH® 2 offers a reliable efficiency in pumping condensate waters for units up to 2.8 tons (34 k Btu – 10 kW)

IRP International Refrigeration Products

Part No.	Voltage	Cutoff GPH	Cutoff Head (Ft.)	Price
4100122	115/1/60	1.3	20	106.08
4100123	208-230/1/50/60	1.3	20	106.08

MINI ORANGE



Designed to be installed (1) behind wall mounted evaporators where possible or (2) in plastic trunking or (3) above the false ceiling. By connecting the drain hose to the reservoir and placing the pump drive unit within the evaporator, condensate water can be pumped to a height of 33'. Within the Mini Orange kit there are two reservoirs to choose from, one allows you to connect directly to the drain hose of the evaporator and the second reservoir and be placed directly into a condensate tray providing it is sitting flat and horizontal.

- Hall effect semiconductor level sensors
- Ideal for ceiling mount mini split evaporators
- Suction lift 3'
- CE marked

Kit Includes

- 1 reservoir: 1 1/4" x 2 3/4" x 1 1/2"
- 1 reservoir/submersible: as above
- 1 pump unit: 2 1/16" x 3 7/16" x 1 1/2"
- 1 red rubber connector
- 1 5' length of vinyl tube
- 2 pieces Velcro
- 4 cable ties

RESOURCE

Part No.	Voltage	Cutoff GPH	Cutoff Head (Ft.)	Price
ASPMO115SP	115/1	3.9	33	195.20
ASPMO230SP	230/1	3.9	33	195.20
ASPMOUNI	250/1	3.7	33	167.58

MINI-SPLIT/DUCTLESS



- For intermittent operation, maximum 50% duty cycle
- Condensate produced in application must be no more than half the pump's flow rate for any given head
- Use with most mini-split air conditioning units up to 25,000 BTU/hr
- cURus
- Self-priming pump can be placed up to 3' (.9 m) above reservoir
- Includes safety switch, suction tubing (3" x 5/32" ID) [76.2 mm x 3.96 mm], vent tubing (8" x 5/32" ID) [20.3 cm x 3.96 cm], drain tubing (3" x 1/2" ID) [76.2 mm x 12.7 mm] and tubing adapter (5/32" x 1/4" ID) [3.96 mm x 6.3 mm]

Little Giant

Part No.	Model	V	Safety Switch	Cord	Capacity	Shut Off	Price
554200	VCC-20ULS	115	–	6'/1.8 m	80 GPH @ 1' 303 LPH @ 0.31 m	14'	134.00
554210	VCC-20ULS	230	Yes	6'/1.8 m	80 GPH @ 1' 303 LPH @ 0.31 m	14'	Call

CONDENSATE SENSOR



Suitable for use with condensate from high efficiency condensing furnaces and boilers which produce acidic condensate. Features include vibration dampening feet and motor mounts, metal hang tabs, four inlet holes, a clear indicator display, a float switch and check valve, built in overflow switch 3 terminals are provided allowing flexibility to connect air-handler shut-down and optional alarm as needed.

- Suitable for use with condensate up to 160°F.
- 22" of standard lift
- Dimension: 11.8"L x 5.9"W x 6.7"H
- 1/4" quick connect terminals
- Pan pill dispenser
- Indicator lights for power applied, pump running and high level alarm

DIVERSITECH

Part No.	Dimensions (In.)	Cubic Ft.	Price
AG9300U	15x5x5	.22	64.60

AIR CONDITIONING EQUIPMENT

AUTOMATIC CONDENSATE PUMP

AUTOMATIC



Suitable for use with condensate from high efficiency condensing furnaces and boilers which produce acidic condensate. Features include vibration dampening feet and motor mounts, metal hang tabs, four inlet holes, a clear indicator display, a float switch and check valve, built in overflow switch 3 terminals are provided allowing flexibility to connect air-handler shut-down and optional alarm as needed.

- Suitable for use with condensate up to 160°F.
- 22" of standard lift
- Dimension: 11.8"L x 5.9"W x 6.7"H
- 1/4" quick connect terminals
- Pan pill dispenser
- Indicator lights for power applied, pump running and high level alarm

DIVERSITECH

Part No.	Vac	Amps	Watts	Motor HP	Gallons per Hour @ 60Hz/Rated Voltage 1'	5'	10'	15'	Safety Switch	Shut off (Ft.)	Wt./Ea. (Lbs.)	Price
CP-22	115	1.9	N/A	N/A	120	115	87	59	Yes	22	5	129.96
CP-22-230	208-230	1.0	N/A	N/A	120	115	87	59	Yes	22	5	Call

CLEARVUE™



With the Floatless Sensor™ technology, ClearVue™ eliminates the float switch - one of the most common problems with conventional condensate pumps. ClearVue™ uses patent pending water sensing technology to detect condensate so that there are no more stuck floats. ClearVue™ also features a see-through tank to give the user a clear view of water blockage, and buildup in the tank.

iQ Technology™:

Variable Lift: assures that the pump impeller is spinning only as fast as is needed to lift the condensate water to the height needed. Self-Cleaning: By monitoring pumping conditions, ClearVue™ is able to detect when a drain line is partially or fully clogged. ClearVue™ increases the pressure in the drain line to attempt to clear the clog. Floatless Sensor™: DiversiTech's patent pending Floatless Sensor™ eliminates many of the mechanical problems associated with conventional condensate pumps.

- Maximum condensate temperatures:
  Continuous duty: 140°F
  Max. inlet temperature: 160°F
  Not suitable for contact with steam or gasses that exceeds 160°F

DIVERSITECH

Part No.	Vac	Amps	Tank Capacity (Gal.)	Flow Rate @ Zero Head (Gallons/Minute)	Shut-Off (Ft.)	Weight (Lbs.)	Price
IQP120	120/230	1.9 @ 120 Vac, 1.0 @ 230 Vac	1	1.6	22	5	Call

MEDIUM TANK



- 1/50 hp high performance motor
- ABS tank, motor cover, and volute
- 1/2 gallon tank capacity
- Stainless steel shaft
- Snap-action switch
- Removable 3/8" (9.5 mm) barbed check valve
- 3 inlet drain holes
- Thermal overload protection
- Includes 20' (6.1 m) of 3/8" ID (9.5 mm) tubing (554411 and 554415 only)
- cCSAus

Little Giant

Part No.	Model	V	Safety Switch	Cord	Capacity	Sutt Off	Price
554401	VCMA-15UL	115	–	6'/1.8 m	65 GPH @ 1'/246 LPH @ 0.31 m	15'	95.00
554405	VCMA-15ULS	115	Yes	6'/1.8 m	65 GPH @ 1'/246 LPH @ 0.31 m	15'	95.00
554411	VCMA-15ULT	115	–	6'/1.8 m	65 GPH @ 1'/246 LPH @ 0.31 m	15'	101.00
554415	VCMA-15ULST	115	Yes	6'/1.8 m	65 GPH @ 1'/246 LPH @ 0.31 m	15'	97.00

ABS SERIES SHALLOW-PAN TANK



- 1/50 hp oil-filled motor
- Epoxy-coated cast aluminum housing and motor cover
- Nylon volute
- Stainless steel shaft
- Nitrile shaft seal
- Screened intake
- Advanced mechanical switch
- Thermal overload protection
- cCSAus

Little Giant

Part No.	Model	V	Cord	Capacity	On Level	Off Level	Shutt Off	Price
550521	1-ABS	115	9'/2.8 m	205 GPH @ 1'/776 LPH @ 0.31 m	1-3/4"	1-1/4"	10'	199.00
550532	1-ABS	230	11'/3.4 m	205 GPH @ 1'/776 LPH @ 0.31 m	1-3/4"	1-1/4"	10'	280.00

ABS SERIES SHALLOW-PAN TANK

- 1/40 hp oil-filled motor
- Epoxy-coated cast aluminum housing
- Includes 1/2 gallon capacity mineral-filled nylon tank
- Nylon volute
- Stainless steel shaft
- Viton® shaft seal
- Hooded intake
- Advanced mechanical switch
- Thermal overload protection
- cCSAus

Little Giant

Part No.	Model	V	Cord	Capacity	On Level	Off Level	Shut Off	Price
551020	2-ABS	115	9'/2.8 m	300 GPH @ 1'/1136 LPH @ 0.31 m	3"/7.6 cm	2"/5.1 cm	11.8'	288.00
551030	2-ABS	230	11'/3.4 m	300 GPH @ 1'/1136 LPH @ 0.31 m	3"/7.6 cm	2"/5.1 cm	11.8'	192.00

AIR CONDITIONING EQUIPMENT

PUMP ACCESSORIES

CHECK VALVE



- For VCC Series, VCMA Series and VCL-14/24 pumps
- 1/4" FNPT (6.35 mm) to 3/8" (9.5 mm) \ ID vinyl tubing

Little Giant

Part No.	Model	Price
599065	CV-10	8.43

CHECK VALVE



- Check Valve CV-X38 for Condensate Pump Series VCMX
- 3/8" (9.5 mm) OD rigid plastic or copper tubing (CV-X38 model only)

Little Giant

Part No.	Model	Price
599064	CV-35	27.71

DRAIN PAN FLOAT SWITCH



The AquaGuard is incredibly easy to install and can be mounted to the drain pan in just a few seconds. Installation does not require a hole in the pan. The Aquaguard switch incorporates a protective cover to keep out insulation and debris that could prevent the float from rising.

- AG*+ come with 5 amp high-capacity sensor designed for metal pans
- Activates at 3 tbsps of water
- Plastic switch is pest-resistant
- High-sensitivity switch
- 6 foot lead is rustproof and waterproof
- Same switch is used to deploy air bags in U.S. automobiles
- The AG4100 is designed for Goliath drain pans

The AG-1200+ has all of the features of the 1100+ plus an innovative two-piece clamp design which allows it to be mounted to a metal drain pan (without lip) or lower-end non-AquaGuard plastic drain pan (with lip).

RESOURCE

Part No.	Price
AG-1100+	12.34
AG-1200+	14.10
AG4100-G18	Call

ELECTRONIC WATER SENSING SYSTEM



Mounted directly in the secondary drain port of the primary pan. It is a high amperage, solid-state switch with no moving parts to break down or become clogged and the low profile design makes it easy to install and does not interfere with drain lines coming from the HVAC unit.

- 5 amp high-capacity sensor designed for secondary drains.
- Eliminates false shut-offs caused by trapped condensation.
- 2 in 1 secondary drain + secondary pan sensor.
- Moisture detection LED alerts you to problems.

RESOURCE

Part No.	Price
AG-3150E	25.04
AG-3175E	27.83
AG-1175E	Call
AG-3180E	27.83
AG-9100	24.01
AG-1175E	Call
AG-1250E	16.10
AG-4100E	13.92
AG-1100E	16.88

HEAVY DUTY AUTOMATIC PUMP

GENERAL PURPOSE



Models A2: For applications where heads of 20' to 40' and high flow rates are needed.

- 1 gallon heavy duty aluminum reservoir
- Snap action switch
- 3,000 rpm motor with s.s shaft and thermal overload protection
- 6' cord and plug
- Dimension: 9"L x 6"W x 10"H

Part No.	Safety Switch	Reservoir Size (Gal.)	Max. Head (Ft.)	Max. Temp. (°F)	Inlet Size ID (In.)	Outlet Size FNPT (In.)	Motor HP	Voltage	Amps	Wt./Ea. (Lbs.)	Price
A2X230	Yes	1	22	150	1-3/8	3/8	1/10	230	1.5	12	341.58
A2X1965	Yes	1	22	150	1-3/8	3/8	1/10	115/230	3.1/1.5	12	376.87

GAS-ELECTRIC PACK

R8GE SERIES - Speed Blower and R-410A 14 SEER 2 - 5 Ton Units

Single Packaged Gas/Electric Units Single Stage Heat/Cool



The R8GE Series single packaged gas/electric units are high efficiency self-contained heating and cooling systems that can be installed on the roof or on a slab. The convertible unit design makes installations simple in all applications. Units are ETL and ETLc listed.

Features and Benefits:

- High and Low Pressure Switch: Added compressor protection.
- Micro-Channel Coils: Both indoor and outdoor all aluminum coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability
- Liquid Line Filter Drier: Factory installed at a convenient location for service.
- Externally Accessible Service Ports: Quick access to refrigerant system without disrupting operation.
- Convertible Air Delivery: Horizontal or downflow to accommodate rooftop or horizontal application.
- Low Voltage Transformer: Includes 3 Amp fuse to protect low voltage circuit.
- One Piece Top Pan: With drip edge on top panels whisks away rainwater.
- Quiet Operation: Low vibration fan blade combined with custom venturi condenser fan.
- SmartLite ® Control Board: Provides extended life to igniters using hot surface ignition technology. Programmed to learn the heat-up characteristics of the igniter, then adapt the ignition time to the characteristics of the furnace so the igniter is energized appropriately.

FRIGIDAIRE

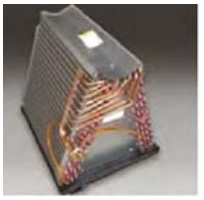
Part No.	Heating		SEER	EER	Operating Voltage Range	Refrigerant Charge (oz)	Height (In.) with base rails	Length	Price
	Input High Btuh	Output High Btuh							
R8GE-024K045C	45000	36450	14	11	187-253	60	35	55.8	3127.86
R8GE-024K072C	72000	58320	14	11	187-253	60	35	55.8	3355.48
R8GE-030K045C	45000	36450	14	11	187-253	61	35	55.8	3500.98
R8GE-030K072C	72000	58320	14	11	187-253	61	35	55.8	3567.80
R8GE-036K072C	72000	58320	14	11	187-253	60	35	55.8	3677.16
R8GE-036K096C	96000	77760	14	11	187-253	60	35	55.8	3789.60
R8GE-042K096C	96000	77760	14	11	187-253	69	39	55.8	4081.26
R8GE-048K096C	96000	77760	14	11	187-253	69	39	55.8	4305.40
R8GE-048K120C	120000	97200	14	11	187-253	69	39	55.8	4378.84
R8GE-X60K096C	96000	77760	14	11	187-253	72	43	55.8	4662.40
R8GE-X60K120C	120000	97200	14	11	187-253	72	43	55.8	4842.30

(Call) Please contact your local Aireco branch for pricing.

AIR CONDITIONING EQUIPMENT

COILS

AIRMAX REPLACEMENT COILS



Outstanding Features:

- Replacement coils for Airmax Systems
- High quality materials
- Adherence to industrial standards

Part No.	Cased (y or n)	Dimensions (in) H	W	D	Price
CAC24G	Y	14	14-1/4	21	289.16
AC24G	N	12	13	19-1/2	245.48
CAC30G	Y	18	14-1/4	21-1/4	336.90
AC30G	N	14	15	19-1/2	273.33
AC36G	N	16	15	19-1/2	291.18
AC42G	N	18	17	19-1/2	351.84
AC48G	N	18	17	19-1/2	490.94
AC60G	N	20	20	19-1/2	513.96

C7 R410



- Decrease Coil Leaks: Formicary corrosion – the number one cause of coil leaks – can be prevented by purchasing this coil. This coil includes an all-aluminum Anteater MC® Micro-Channel coil for increased corrosion resistance.
- Increased Efficiencies: Having a properly Matched outdoor unit and indoor coil will improve the efficiencies of your system

UNCASED

Part No.	Cabinet	W	Liquid Line	Orifice/TXV	SKU	Price
C7BAM01824U-A	A	12-3/4	3/8	Orifice	921514	Call
C7BAM01824U-B	B	16	3/8	Orifice	921518	394.02
C7BAM03036U-A	A	12-3/4	3/8	Orifice	921516	451.16
C7BAM03036U-B	B	16	3/8	Orifice	921520	473.18
C7BAM030U-C	C	19-1/2	3/8	Orifice	921699	Call
C7BAM03642U-B	B	16	3/8	Orifice	921522	520.58
C7BAM03648U-C	C	19-1/2	3/8	Orifice	921524	654.92
C7BAM042U-D	D	23	3/8	Orifice	921528	578.74
C7BAM048U-C	C	19-1/2	3/8	Orifice	921837	699.42
C7BAM048U-D	D	23	3/8	Orifice	921840	Call
C7BAM060U-C	C	19-1/2	3/8	Orifice	922115	722.36
C7BAM060U-D	D	23	3/8	Orifice	922118	748.90
C7BAMX24U-A	A	12-3/4	3/8	TXV	922257	Call
C7BAMX24U-B	B	16	3/8	TXV	922260	Call
C7BAMX30U-A	A	12-3/4	3/8	TXV	922258	Call
C7BAMX30U-B	B	16	3/8	TXV	922261	Call
C7BAMX30U-C	C	19-1/2	3/8	TXV	922263	Call
C7BAMX36U-A	A	12-3/4	3/8	TXV	922259	Call
C7BAMX36U-B	B	16	3/8	TXV	922262	Call
C7BAMX36U-C	C	19-1/2	3/8	TXV	922264	Call
C7BAMX42U-B	B	16	3/8	TXV	1007263	Call
C7BAMX42U-C	C	19-1/2	3/8	TXV	922265	Call
C7BAMX42U-D	D	23	3/8	TXV	1007264	Call
C7BAMX48U-C	C	19-1/2	3/8	TXV	922266	Call
C7BAMX48U-D	D	23	3/8	TXV	922268	Call
C7BAMX60U-C	C	19-1/2	3/8	TXV	922267	Call
C7BAMX60U-D	D	23	3/8	TXV	922269	Call

CASED

Part No.	Cabinet	W	Liquid Line	Orifice/TXV	SKU	Price
C6BA-X60C-D C6BA-X60C-D	D	24-1/2	3/8		920108	Call
C7BAM01824C-A	A	14-1/4	3/8	Orifice	921515	443.10
C7BAM01824C-B	B	17-1/2	3/8	Orifice	921519	461.46
C7BAM030C-C	C	21	3/8	Orifice	921700	569.54
C7BAM03648C-C	C	21	3/8	Orifice	921525	745.64
C7BAM042C-D	D	24-1/2	3/8	Orifice	921529	669.08
C7BAM048C-D	D	24-1/2	3/8	Orifice	921841	824.12
C7BAM01824C-A	A	14-1/4	3/8	Orifice	921515	443.10
C7BAM01824C-B	B	17-1/2	3/8	Orifice	921519	461.46
C7BAM03036C-A	A	14-1/4	3/8	Orifice	921517	483.76
C7BAM03036C-B	B	17-1/2	3/8	Orifice	921521	510.46
C7BAM030C-C	C	21	3/8	Orifice	921700	569.54
C7BAM03642C-B	B	17-1/2	3/8	Orifice	921523	557.84
C7BAM03648C-C	C	21	3/8	Orifice	921525	745.64
C7BAM042C-D	D	24-1/2	3/8	Orifice	921529	669.08
C7BAM048C-C	C	21	3/8	Orifice	921838	741.34
C7BAM048C-D	D	24-1/2	3/8	Orifice	921841	824.12
C7BAM060C-C	C	21	3/8	Orifice	922116	773.46
C7BAM060C-D	D	24-1/2	3/8	Orifice	922119	784.28
C7BAMX24C-A	A	14-1/4	3/8	TXV	922270	440.78
C7BAMX24C-B	B	17-1/2	3/8	TXV	922273	457.92
C7BAMX30C-A	A	14-1/4	3/8	TXV	922271	512.46
C7BAMX30C-B	B	17-1/2	3/8	TXV	922274	539.16
C7BAMX30C-C	C	21	3/8	TXV	922276	560.98
C7BAMX36C-A	A	14-1/4	3/8	TXV	922272	512.46
C7BAMX36C-B	B	17-1/2	3/8	TXV	922275	586.54
C7BAMX36C-C	C	21	3/8	TXV	922277	725.56
C7BAMX42C-B	B	17-1/2	3/8	TXV	1007265	586.54
C7BAMX42C-C	C	21	3/8	TXV	922278	725.56
C7BAMX42C-D	D	24-1/2	3/8	TXV	1007266	658.12
C7BAMX48C-C	C	21	3/8	TXV	922279	772.10
C7BAMX48C-D	D	24-1/2	3/8	TXV	922281	803.00
C7BAMX60C-C	C	21	3/8	TXV	922280	806.26
C7BAMX60C-D	D	24-1/2	3/8	TXV	922282	817.08

C3-C5 FLEX REPLACEMENT COIL

Part No.	SKU	Price
REPLCOIL01HS	921951	473.28
REPLCOIL01M	921482	443.36
REPLCOIL02HS	921952	419.74
REPLCOIL02M	921483	387.64
REPLCOIL03HS	921953	618.14
REPLCOIL03M	921484	585.60
REPLCOIL04HS	921954	698.44
REPLCOIL04M	921485	654.28
REPLCOIL05HS	921955	779.14
REPLCOIL05M	921486	736.48
REPLCOIL06	921324	228.28
REPLCOIL07M	921488	536.08

ELECTRIC FURNACE

E3EB SERIES DOWNFLOW, UPFLOW ELECTRIC FURNACES



The E3 Series furnace is designed for all sizes of manufactured and modular homes. These units incorporate reliability and low maintenance. Units may be installed free standing in a utility room or enclosed in an alcove or closet. E3 Series furnaces are A/C ready, with multiple blower combinations for cooling requirements.

Features and Benefits:

- Choice of Air Conditioning Options: From 2-5 tons A/C ready.
- Easy Open Door: Secures the door firmly for transit, yet allows easy removal for access.
- Effective Air Filter: Universal disposable filter is readily available and simple to replace.
- Nichrome Heating Elements: Provide long lasting, efficient heating.
- Appliance Quality Door: Protects against rust and other corrosion. Baked enamel finish allows for easy cleaning.
- Fully Insulated Cabinet: Insures minimized heat loss and quiet operation.
- Safety and Dependability: Auto reset controls protect unit's electrical circuitry and helps ensure trouble free performance. Built in circuit breakers for extra safety.
- Adaptable: Unit can be adapted to provide dependable heating in either downflow or upflow mode.
- Versatile: Works with self-contained or split system air conditioners or heat pumps.

MILLER

Part No.	Min. Circuit Ampacity	Heating Output (Btuh)	Supply Voltage	Blower D x W	Motor Speed, H.P. Rating, Amps	Watts (total kw)	Rated Ext. SP - In. W.C.	Price
E3EB-010H	56	35000	240 Volts/60Hz/1-Phase	10.5 x 8	4 Speed, 1/3 HP, 2.9	10.4	0.3	549.58
E3EB-015H	82	53000	240 Volts/60Hz/1-Phase	10.5 x 8	4 Speed, 1/3 HP, 2.9	15.4	0.3	596.34
E3EB-023H	117	75000	240 Volts/60Hz/1-Phase	10.5 x 8	4 Speed, 1/3 HP, 2.9	22.0	0.3	742.52

(Call) Please contact your local Aireco branch for pricing.


BOSCH
Invented for life
Bosch Heat Pump
Inverter Ducted Split System
The robust Bosch Inverter Ducted Split Air Source Heat Pump system utilizes just the right amount of energy to achieve ultimate comfort and maximum effciency while keeping sound levels to a minimum.
BOSCH
Aireco
WWW.AIRECO.COM
Proud Wholesale Distributor
For more information on product & pricing, contact you Aireco sales representative.

HEAT PUMPS



UNIT DIMENSIONS

Horizontal Water Source Heat

Part No.	Capacity	Unit Overall Dimensions			Supply Air Duct Connection Discharge		Return Air Duct Connection R/A Duct		Condenser Water Connections	Recommended Replacement Nominal Filter Size	Price
		Height	Width	Depth	Width	Height	Flange Height	Width			
SV007	7000	11.5	19.0	33.0	5.8	3.6	16.15	8.6	3/4" FPT	10 × 16 × 1	Call
SV009	9000	11.5	19.0	33.0	5.8	3.6	16.15	8.6	3/4" FPT	10 × 16 × 1	Call
SV012	12000	11.5	19.0	33.0	5.8	3.6	16.15	8.6	3/4" FPT	10 × 16 × 1	Call
SV015	15000	17.0	22.0	43.0	6.0	9.15	20.15	15.0	3/4" FPT	16 × 20 × 1	Call
SV018	18000	17.0	22.0	43.0	8.6	9.15	20.15	15.0	3/4" FPT	16 × 20 × 1	Call
SV024	24000	17.0	22.0	43.0	8.6	9.15	25.15	15.0	3/4" FPT	16 × 25 × 1	Call
SV030	30000	17.0	22.0	43.0	8.6	9.15	25.15	15.0	3/4" FPT	16 × 25 × 1	Call
SV036	36000	19.0	22.0	54.5	8.6	9.8	30.0	17.0	3/4" FPT	18 × 30 × 1	Call
SV042	42000	19.0	22.0	54.5	8.6	9.8	30.0	17.0	3/4" FPT	18 × 30 × 1	Call
SV048	48000	21.0	25.0	54.5	10.0	10.86	34.6	19.0	1" FPT	20 x 34.5 x 5 x 1	Call
SV060	60000	21.0	25.0	54.5	10.0	10.86	34.6	19.0	1" FPT	20 x 34.5 x 5 x 1	Call
SV070	70000	21.0	25.0	65.0	11.3	12.0	48.1	19.0	1" FPT	20 × 24 × 1 (2)	Call

Vertical Top Discharge Water Source Heat Pump

Part No.	Capacity	Unit Overall Dimensions			Supply Air Duct Connection Discharge		Return Air Duct Connection R/A Duct		Condenser Water Connections	Recommended Replacement Nominal Filter Size	Price
		Height	Width	Depth	Width	Height	Flange Height	Width			
SV007	7000	24.25	19.0	19.0	8.0	10.0	8.0	16.0	3/4" FPT	10 × 16 × 1	Call
SV009	9000	24.25	19.0	19.0	8.0	10.0	8.0	16.0	3/4" FPT	10 × 16 × 1	Call
SV012	12000	24.25	19.0	19.0	8.0	10.0	8.0	16.0	3/4" FPT	10 × 16 × 1	Call
SV015	15000	32.25	21.5	21.5	8.0	10.0	14.0	20.0	3/4" FPT	16 × 20 × 1	Call
SV018	18000	32.25	21.5	21.5	14.0	14.0	14.0	20.0	3/4" FPT	16 × 20 × 1	Call
SV024	24000	39.25	21.5	21.5	14.0	14.0	18.0	20.0	3/4" FPT	20 × 20 × 1	Call
SV030	30000	39.25	21.5	21.5	14.0	14.0	18.0	20.0	3/4" FPT	20 × 20 × 1	Call
SV036	36000	43.25	21.5	26.0	14.0	15.5	22.0	24.0	3/4" FPT	24 × 24 × 1	Call
SV041	41000	39.25	21.5	21.5	14.0	15.5	18.0	20.0	3/4" FPT	20 × 20 × 1	Call
SV042	42000	43.25	21.5	26.0	14.0	15.5	22.0	24.0	3/4" FPT	24 × 24 × 1	Call
SV048	48000	45.25	24.0	32.5	14.0	18.0	22.0	30.0	1" FPT	24 × 30 × 1	Call
SV060	60000	45.25	24.0	32.5	14.0	18.0	22.0	30.0	1" FPT	24 × 30 × 1	Call
SV070	70000	58.25	26.0	33.25	15.5	18.0	30.0	30.0	1" FPT	16 × 30 × 1 (2)	Call

HEAT PUMPS

UNIT DIMENSIONS

Counterflow Water Source Heat Pump

Part No.	Capacity	Unit Overall Dimensions			Supply Air Duct Connection Discharge		Return Air Duct Connection R/A Duct		Condenser Water Connections	Recommended Replacement Nominal Filter Size	Price
		Height	Width	Depth	Width	Height	Flange Height	Width			
SV015	15000	32.25	21.5	21.5	6.4	4.1	14.0	20.0	3/4" FPT	16 × 20 × 1	Call
SV018	18000	32.25	21.5	21.5	9.0	9.7	14.0	20.0	3/4" FPT	16 × 20 × 1	Call
SV024	24000	39.25	21.5	21.5	9.0	9.7	18.0	20.0	3/4" FPT	20 × 20 × 1	Call
SV030	30000	39.25	21.5	21.5	9.0	9.7	18.0	20.0	3/4" FPT	20 × 20 × 1	Call
SV036	36000	43.25	21.5	26.0	9.2	10.3	22.0	24.0	3/4" FPT	24 × 24 × 1	Call
SV042	42000	43.25	21.5	26.0	10.5	11.3	22.0	24.0	3/4" FPT	24 × 24 × 1	Call
SV048	48000	45.25	24.0	32.5	10.5	11.4	22.0	30.0	1" FPT	24 × 30 × 1	Call
SV060	60000	45.25	24.0	32.5	11.7	12.5	22.0	30.0	1" FPT	24 × 30 × 1	Call
SV070	70000	58.25	26.0	33.5	11.7	12.5	30.0	30.0	1" FPT	16 × 30 × 1 (2)	Call

Notes: All dimension within +- 0.125* drain connection are 3/4" Fpt. Horizontal models can be field converted between end blow and straight through supply air configuration. Specification subject to change without notice. !" filter rack extends 1.23" beyond the side of the unit. 2" filter rack extends 2.89" beyond the side of the unit. The 2" filter rack is 4 sided with a filter access door on each end can accept either a 1" or 2" filter. (Call) Please contact your local Aireco branch for pricing.

COMMERCIAL FAN COILS

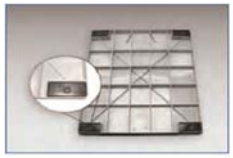


The IEC FXC Classic Cabinet Series features a slender design, making it ideal for perimeter heating and cooling applications in public buildings, offices, hospitals, and hotels. The FXC cabinet is fabricated of heavy gauge steel. All FXC units have a removable one-piece front panel for easy access to all internal components. Standard FXC units are provided with an attractive powder-coat paint finish.

Part No.	Dimensions (IN)					Quantity/Unit		Unit Weight	Price
	A	B	C	D	E	Blower	Motor		
FXC02L	41	22	23	17-1/4	3-1/8	1	1	63	Call
FXC02R	41	22	23	17-1/4	3-1/8	1	1	63	Call
FXC03L	41	22	23	17-1/4	3-1/8	1	1	68	Call
FXC03R	41	22	23	17-1/4	3-1/8	1	1	68	Call
FXC04L	51	32	33	26	3-3/4	2	1	82	Call
FXC04R	51	32	33	26	3-3/4	2	1	82	Call
FXC05L	51	32	33	26	3-3/4	2	1	85	Call
FXC05R	51	32	33	26	3-3/4	2	1	85	Call
FXC06L	61	42	43	39	2-1/4	2	1	99	Call
FXC06R	61	42	43	39	2-1/4	2	1	99	Call
FXC08L	63	44	45	39	3-1/4	2	1	101	Call
FXC08R	63	44	45	39	3-1/4	2	1	101	Call
FXC10L	77	58	59	52-1/8	3-5/8	4	2	133	Call
FXC10R	77	58	59	52-1/8	3-5/8	4	2	133	Call
FXC12L	85	66	67	61	3-1/4	4	2	154	Call
FXC12R	85	66	67	61	3-1/4	4	2	154	Call

AIR CONDITIONING EQUIPMENT

CONDENSER PAD



- Lightweight - 80% lighter than precast concrete.
- Solid wall construction won't chip or crack. Install it and forget it!
- Chemical resistant.
- One person can install a pad in less than two minutes.
- It's UV stable - impervious to sunlight.

DURAGRID

Part No.	W	L	Thickness (In.)	Price
EL3648-2	36	48	2	175.04
EP2436-2	24	36	2	60.76
EP1838-3	18	38	3	54.00
EP2424-2	24	24	2	41.04
EP2436-2	24	36	2	60.76
EP3244-2	32	44	2	90.20
EP3232-2	32	32	2	66.16
EP3636-2	36	36	2	80.96
EL3244-2	32	44	2	144.60

DRAIN PAN

SECONDARY



- Rolled edges for durability
- Ribbed bottoms for rigidity
- Reinforced corners for strength
- 3/4" PVC fittings attached to each pan
- No seams—no rust—no leakage
- Depth 2"; Overall dimension + 2"
- "S" suffix = Drain line outlets in short side "L" suffix = Drain line outlets in long side

Part No.	Dimensions (In.) W	Dimensions (In.) L	Price/Ea.	Price
AGT3050	30	50	80.00	41.80
AGT3062	30	62	90.00	51.12
AGG3050	30	50	140.00	82.60
AGG3060	30	62	110.00	Call

UNIT ELEVATOR

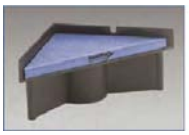


- Elevates heat pumps and air handling units
- Made of corrosion-resistant plastic
- Allows better condensate drainage
- Helps prevent corrosion of metal base
- Absorbs vibration and noise
- Polymeric mastic included with each unit
- Solid 6" x 6" mounting base
- Top diameter: 4 1/8"

DIVERSITECH

Part No.	Description	Price/Ea.	Price
B4005BLK	3" Pump-up	6.00	3.10
B4007BLK	6" Screw-up	8.50	4.98
B4008BLK	6" Pump-up	6.36	3.70
B4007	6" Screw-up	8.00	4.60

FURNACE MOUNTING BLOCK



- Easy peel and stick installation
- Each block can support 300 lbs.
- Holds furnace off floor to prevent moisture and rust of furnace panels
- Absorbs vibration and noise

DIVERSITECH

Part No.	Description	Bulk Qty.	Price/Ea.	Price
FMB1	Mounting Block	72	3.00	1.98

CLOG DETECTION

SAFE-T-SWITCH®



The Safe-T-Switch® Models SS1 and SS2 detect down stream clogs in condensate drains and interrupt the thermostat circuit to shut off the unit before flooding occurs. This product can also be installed to activate an alarm circuit. The Model SS1 installs inline at any downward slope from vertical to horizontal. It can also be installed on auxiliary pan outlets utilizing the plug included with the kit. Model SS2 installs primarily in drain pan outlets but can be used inline with the addition of a 3/4" tee. Float resets automatically and won't stick in the 'OFF' position after the drain is cleared, saving callbacks.

- UL Listed to comply with most applicable building codes
- Package includes 4', 18 gauge lead wires
- SS1 also includes 3/4" Schedule 40 PVC slip plug and bushing

RECTORSEAL

Part No.	Description	Price/Ea.	Price
SS1	SS1, Inline "T"	40.00	21.14
SS2	SS2, Terminal 90°	38.00	18.64
SS3	SS3, Metal Clip	20.00	10.68
SG-1	Overflow Alarm	43.00	21.41

AIR CONDITIONING EQUIPMENT

MINI-SPLIT MULTZONE



Sea Breeze Ductless Mini-Split Multi Zone Air Conditioning and Heat Pump systems offer the perfect solution for an easy install with a sleek design. Models are highly efficient, quiet, easy to operate, and now carry environmentally friendly 410A refrigerant.

EVAPORATOR

	Capacity (BTUH)				Dimensions (in)				
Part No.	Cooling	Heating	SEER	Voltage	H	W	D	Shipping Weight (lbs)	Price
SHE9H4ZIGB	9000	9800	NA	208-230/1	11	34	7	28	330.00
SHE12H4ZIGB	12000	13000	NA	208-230/1	11	34	7	28	390.00
SHE18H4ZIGB	18000	19800	NA	208-230/1	12	37	8	36	460.00
SHE24H4ZIGB	21400	23000	NA	208-230/1	13	40	9	38	500.00

CONDENSING UNITS

	Capacity (BTUH)				Dimensions (in)				
Part No.	Cooling	Heating	SEER	Voltage	H	W	D	Shipping Weight (lbs)	Price
SMZ18H46ZOGX	18000	19000	16	208-230/1	24	35	15	106	1524.00
SMZ30H46ZOGX	29000	30400	16	208-230/1	28	37	16	148	2170.00
SMZ42H46ZOGX	41000	44500	16	208-230/1	44	40	17	247	3300.00
SMZ24H46ZOGX	26000	29000	16	208-230/1	28	38	16	145	1914.00

FLOOR/CEILING EVAPORATOR



- 16 SEER
- Remote Control
- Self-Diagnostics
- Turbo Fan Function
- Economy functions – Timer/Sleep
- Auto Restart
- Adjustable Louvers

	Capacity (BTUH)			Dimensions (in)				
Part No.	Cooling	Heating	Voltage	H	W	D	Shipping Weight (lbs)	Price
SMZFC9H4ZIGX	8500	9500	208-230/1	8.9	48	27.6	110.2	660.00
SMZFC12H4ZIGX	11900	13100	208-230/1	8.9	48	27.6	110.2	730.00
SMZFC18H4ZIGX	17000	18700	208-230/1	8.9	48	27.6	110.2	800.00

DUCTED EVAPORATOR



- Ducted indoor units include the MSWCH wall control with 26' of wire.
- If desired, an optional wireless remote control (Part# 305100491) will also operate these units.
- The MSWCH wall control is still required since the remote control receiver is part of the MSWCH.
- Includes a factory-installed condensate pump.

	Capacity (BTUH)			Dimensions (in)				
Part No.	Cooling	Heating	Voltage	H	W	D	Shipping Weight (lbs)	Price
SMZD9H4ZIGX	8500	9500	208-230/1	7.9	27.6	24.2	59.54	590.00
SMZD12H4ZIGX	11900	13100	208-230/1	7.9	27.6	24.2	63.95	600.00
SMZD18H4ZIGX	15300	18700	208-230/1	7.9	35.4	24.2	79.38	700.00

MINI-SPLIT MULTZONE

CONSOLE EVAPORATOR



Sea Breeze® High Efficiency mini-split heat pump system is like having all the benefits of central air without the headache of ductwork. These freematch systems have mix & match flexibility that will allow you to control temperatures in up to 5 rooms.

	Capacity (BTUH)			Dimensions (in)				
Part No.	Cooling	Heating	Voltage	H	W	D	Shipping Weight (lbs)	Price
SMZC9H4ZIGX	9000	9500	208-230/1	23.6	27.6	8.5	39.7	570.70
SMZC12H4ZIGX	12000	13000	208-230/1	23.6	27.6	8.5	39.7	631.50
SMZC18H4ZIGX	18000	19800	208-230/1	23.6	27.6	8.5	39.7	692.90

CASSETTE EVAPORATOR



- Ceiling cassettes include the MSWCH wall control with 26' of wire and a wireless remote control. The wall mount control is not necessary if wireless remote operation is desired.
- You MUST order the corresponding cassette grille for each ceiling cassette.
- Includes a factory-installed condensate pump.

	Capacity (BTUH)			Dimensions (in)				
Part No.	Cooling	Heating	Voltage	H	W	D	Shipping Weight (lbs)	Price
SMZCA12H4ZIGX	12000	13000	208-230/1	9.1	22.4	22.4	50.7	727.50
SMZCA18H4ZIGX	14400	16000	208-230/1	9.1	22.4	22.4	50.7	776.18
SMZCA24H4ZIGX	22800	27400	208-230/1	9.45	33.1	33.1	77.2	924.32

AIR CONDITIONING EQUIPMENT

SPLIT SYSTEM AIR CONDITIONING



For through wall applications in garden apartments, high rise condos, hotels, professional buildings. Compatible with most indoor units.

- 12 SEER (R410A units); 10.9 SEER (R22 units)
- Voltage 208/230/1/60 Madison Series (/D) units offer the following extra features:
- Interior cabinet insulation
- Compressor crankcase heater, hard start kit and short cycle timer
- Spring isolated compressor mounts, expansion loop in discharge line, vibration absorber in suction line
- Solid state fan motor speed control and pre start timer; ½ HP, higher speed fan motors in 2 and 2 ½ ton models

NATIONAL COMFORT PRODUCTS
HEATING & AIR CONDITIONING EQUIPMENT

COOLING 1000 SERIES

			Dimensions (In.)			
Part No.	Tons	BTUH	H	W	D	Price
NCPD-418-1010	1.5	18000	28-5/8	26	18-1/2	2345.90
NCPD-424-1010	2	23800	28-5/8	26	18-1/2	2507.29
NCPD-430-1010	1.5	27500	28-5/8	26	18-1/2	2639.53
NCPE-418-1010	1.5	18000	28-5/8	26-1/4	18-1/2	2381.56
NCPE-424-1010	2	23000	28-5/8	26-1/2	18-1/2	2545.40
NCPE-430-1010	2.5	27200	28-5/8	26-1/2	18-1/2	2679.65

COOLING 3000 SERIES

			Dimensions (In.)			
Part No.	Tons	BTUH	H	W	D	Price
NCPD-418-3010	1.5	18000	32	23-3/4	18-1/2	2345.90
NCPD-4243010	2	23800	32	23-3/4	18-1/2	2507.29
NCPE-418-3010	1.5	18000	32	24-1/8	18-1/2	2381.56
NCPE-424-3010	2	23000	32	24-1/8	18-1/2	2545.40
NCPE-430-3010	2.5	27200	32	24-1/8	18-1/2	2679.65

COOLING 4000 SERIES

			Dimensions (In.)			
Part No.	Tons	BTUH	H	W	D	Price
NCPD-418-4010	1.5	18000	23	30	22-1/2	2688.10
NCPD-424-4010	2	23600	23	30	22-1/2	2756.61
NCPD-430-4010	2.5	27500	23	30	22-1/2	2993.54
NCPE-424-4010	2	23000	23	30	22-1/2	2849.06
NCPE-430-4010	2.5	27200	23	30	22-1/2	3039.05

SPLIT SYSTEM HEAT PUMPS

HEATING 3000 SERIES

Part No.	Ton	SEER	Electrical	Price
NHPA-418-3019	1.5	12	208/230V - 1 phase	3157.89
NHPA-424-3019	2	12	208/230V 1 phase	3289.47

AIR CONDITIONING EQUIPMENT

AIR CONDITIONERS

WINDOW UNIT



- Multiple Functions - Cooling, Dehumidifying & Fan Ventilation
- Installation Kit with Expandable Side Panels
- Retracting Louvers
- Slide Out Galvanized Steel Cabinet For Easy Installation

Sea Breeze

Part No.	Capacity (BTUH)		EER	Voltage	Dimensions (in)			Open Window Min/Max (in)	Shipping Weight (lbs)	Price
	Cooling	Heating			H	W	D			
WA410YREC	10000	NA	12	115/60/1	14.6	19	21.5	23/36	70.6	434.94
WHP412ZRB	11000	10000	9.8	208-230/60	16.1	22.6	23	27/36	97	695.50
WA412YREC	12000	NA	12	115/60/1	14.6	19	21.5	23/36	78.5	502.18
WHP418ZRB	17700	16000	9.8	208-230/60	18.6	26.5	26.5	31/42	142	951.84
WA418ZREC	18000	NA	11.8	208-230/60	17.9	23.6	25.4	28/40.5	128.7	724.92
WA425ZREC	25000	NA	10.3	208-230/60	18.6	26.5	26.5	31/42	151	907.72
WH425ZRB	25000	16300	9.4	208-230/60	18.6	26.5	26.5	31/42	146.5	920.00
WA428ZRB	28000	NA	9	208-230/60	18.6	26.5	26.5	31/42	156	1113.64
WA46YREC	6000	NA	12.2	115/60/1	13.4	18.5	15.7	23/36	52	290.00
WA48YREC	8000	NA	12	115/60/1	13.4	18.5	17.5	23/36	58	350.00
WH48YRB	8000	3500	10.9	115/60/1	16.1	22.6	23	26.8/36	82	514.80
WH412ZRB	12000	11000	10.9	208-230/60	16.1	22.6	23	26.8/36	94.8	674.48

AIR CONDITIONERS

WINDOW MOUNT HEAT PUMP UNITS



- Electronic controls, wireless remote
- Automatic louver swing
- Thru-the-wall or window mount with support bracket included
- Cooling, heating, fan only and auto operation, energy saver mode
- Switches to supplemental electric heat at 40°F outside temperature

Comfort-Aire

Part No.	Capacity (BTUH)		EER	Voltage	Air Delivery Max CFM	Window Mount Kit	Dimensions (in)			Shipping Weight (lbs)	Price
	Cooling	Heating					H	W	D		
RAH123M	11200	8500	9.9	208/230-60	253	Yes	15-5/16	22-5/8	23-5/8	115	647.00
RAH183M	17300	9000	9.9	208/230-60	570	Yes	16-7/8	26	27-3/4	161	873.00

WINDOW MOUNT AC & HEATING UNITS



- Electronic controls with full feature remote and auto restart on most models
- Adjustable air direction
- Easy-access, slide-out, washable filter
- One degree temperature adjustment
- Energy saver mode, 24-hour on/off timer and auto restart, energy saver function; auto, dehumidification and sleep modes on most models

Comfort-Aire

Part No.	Capacity (BTUH)		EER	Voltage	Air Delivery Max CFM	Window Mount Kit	Remote	Dimensions (in)			Shipping Weight (lbs)	Price
	Cooling	Heating						H	W	D		
RADS61P	6000	NA	12.2	115-60	146	Yes	Yes	12-1/16	16	15-3/8	44	296.44
RADS81P	8000	NA	12	115-60	218	Yes	Yes	13-7/16	18-9/16	15-3/4	54	356.48
RADS101P	10000	NA	12	115-60	290	Yes	Yes	14-11/16	19	21-1/2	68	556.22
RADS121M	12000	NA	11.3	115-60	265	Yes	Yes	14-11/16	19	21-1/2	78	462.50
RADS151P	15000	NA	12	115-60	418	Yes	Yes	17-15/16	23-5/8	25-7/16	112	778.42
RADS183P	18000	NA	11.8	208/230-60	447	Yes	Yes	17-15/16	23-5/8	25-7/16	128	799.00
RADS253P	25000	NA	10.3	208/230-60	541	Yes	Yes	18-5/8	26-1/2	25-1/2	137	1028.58
REG81M	8000	3500	10.9	115-60	278	Yes	Yes	15-9/16	23-1/16	23-7/16	80	742.74
REG123M	12000	8500	10.9	208/230-60	266	Yes	Yes	15-9/16	23-1/16	23-7/16	88	848.48
REG183M	18000	13000	10.7	208/230-60	459	Yes	Yes	17-15/16	23-5/8	25-7/16	127	874.24
REG253M	25000	13000	9.4	208/230-60	541	Yes	Yes	18-5/8	26-1/2	25-1/2	142	1007.10

AIR CONDITIONING EQUIPMENT

AIR CONDITIONERS

THRU-THE-WALL UNITS



- Electronic controls with full feature remote and auto restart
- Four-way adjustable air direction
- Energy saver function and 24-hour on/off timer
- Interior trim kit included
- Fits standard wall sleeves
- Auto and sleep model

Comfort-Aire

Part No.	Capacity (BTUH)		EER	Voltage	Air Delivery Max CFM	Remote	Dimensions (in)			Shipping Weight (lbs)	Price
	Cooling	Heating					H	W	D		
BGE103M	9800	8600	9.6	208/230-60	295	Yes	24-1/4	14-9/16	20-5/16	76	597.00

PORTABLE UNITS



- Built-in condensate disposal
- 48" single hose for fast installation
- Automatic louver swing
- Washable filter is easily accessed
- 24-hour on/off timer, auto restart
- ASHRAE Standard 128-2001

Comfort-Aire

Part No.	Capacity (BTUH)		EER	Voltage	Air Delivery Max CFM	Window Mount Kit	Dimensions (in)			Shipping Weight (lbs)	Price
	Cooling	Heating					H	W	D		
PS101A	10000	NA	8.9	115-60	359	Yes	16-15/16	27-13/16	13-5/16	72	440.62
PS121A	12000	NA	8.9	115-60	241	Yes	16-15/16	27-13/16	13-5/16	72	692.76

PORTABLE AIR CONDITIONERS

R410A



- 10+ gallons dehumidification capacity a day
- 3 fan speeds
- Washable filter
- Includes flexible vent hose and window adapter
- Digital display
- 24 hour on/off
- PAS412 and PAS412HP are single pipe units, PAS412D is dual pipe

IRP International Refrigeration Products Sea Breeze

Part No.	Capacity (BTUH)		Dehumidification Capacity (GPD)	CFM	Voltage	Weight (Lbs)	Price
	Cooling	Heating					
PAS412M	12000	N/A	10+	235	115/1/60	78.1	745.72
PAS412DM	12000	N/A	10+	235	115/1/60	80.2	805.46
PAS412HPM	12000	11000	10+	235	115/1/60	79.2	780.74

DEHUMIDIFIERS

PORTABLE



- Automatic water level shut-off
- Drain options include bucket and continuous
- Easy to use controls
- Auto restart
- Slide-out filter with filter light
- Leak detector

Comfort-Aire

Part No.	Pints/Day	Input Amps	Bucket Cap.	CFM (hi/lo)	Sound (dBa)	Dimensions (in)			Shipping Weight (lbs)	Price
						H	W	D		
BHD501H	50	4.7	12.7 pts	188/165	58.5/56.5	23	16	11	38.6	257.00
BHD701H	70	6.9	12.7 pts	188/165	58.5/56.5	23	16	11	41.9	290.00
DH470SM	70	4.7	-	-	-	23.2	15.4	10.8	41.8	354.42
DH495SM	95	6.8	-	-	-	24.6	18.8	14.2	58	607.70
DH495SMP	95	6.8	-	-	-	24.6	18.8	14.2	58	690.10

AIR CONDITIONING EQUIPMENT

THRU WALL AIR CONDITIONING



Sea Breeze PTAC's are a durable choice for new construction, or as replacement units in hospitality and healthcare facilities. Simple design to fit any decor, these units deliver comfort, while saving you money.

- Easy to use controls and operation.
- Economical performance
- User-friendly controls
- Humidity control
- Fit industry standard 42" x 16" wall sleeves.
- Washable filters
- Low sound levels

New design with Flex option: change from 2kW, 3kW or 5kW heater with quick connect plug

Sea Breeze

PACKAGE TERMINAL AC

COOLING, R410A

Part No.	Cooling Capacity (BTUH)	Aux Heat (kW)	CFM	Ship Wgt (Lbs.)	Price
PTAC49CH3ZX	9000	3	312	131	1005.52
PTAC415CH3ZX	15000	3	341	139	1129.16
PTAC412CH3ZB	12000	3	341	136	1052.94

HEAT PUMP, R410A

	Capacity (BTUH)					
Part No.	Cooling	Heating	Aux Heat (kW)	CFM	Ship Wgt. (Lbs.)	Price
PTAC49HP3ZB	9000	8100	3	312	133	1026.14
PTAC412HP3ZB	12000	10700	3	341	138	1096.18
PTAC415HP3ZB	15000	13800	3	341	141	1170.36
PTAC415HP3VX	15000	13800	3	341	141	1255.42

ACCESSORIES

Part No.	Description	Price
4250019	Wall Sleeve	95.14
4250024	Outdoor Louvered Grill	43.68
4250025	Clear Anodized Grill	100.22
2KWPC	PTAC Power Cord 20 Amps 2 kW	56.00
5KWPC	PTAC Power Cord 30 Amps 5 kW	66.00
4250028	PTAC Drain Kit	14.38
4250029	PTAC Leveling Legs	24.34

(Call) Please contact your local Aireco branch for pricing.

PACKAGED TERMINAL AIR CONDITIONER

AMANA DIGISMART PACKAGED TERMINAL AIR CONDITIONERS



9,000 BTU Packaged Terminal Air Conditioner with 3.5 kW Electric Heater, R410A Refrigerant, 11.2 Energy Efficiency Ratio and DigiSmart Controls

- Quiet operation: STC of 28
- Assembled in the USA for 30 years
- Increased dehumidification capacity
- 100% run-tested at our plant in Fayetteville, TN, for leaks
- 7 5/8" unit front depth: one of the shallowest silhouettes in the industry today

Amana

			Dimensions (in)				
Part No.	Capacity (BTU)	Electric Heather (kW)	H	W	D	Shipping Weight (lbs)	Price
PTC093G35AXXX	9000	3.5	16-1/6	42"	21-1/2	117	1070.20
PTC123G35AXXX	12000	3.5	16-1/6	42"	21-1/2	119	1114.82
PTC153G35AXXX	15000	3.5	16-1/6	42"	21-1/2	130	1180.86
PTC153G50AXXX	15000	5	16-1/6	42"	21-1/2	130	1212.48

AIR CONDITIONING EQUIPMENT

HEAT PUMPS

AMANA DIGISMART HEAT PUMPS



- 7-5/8" unit front depth: one of the shallowest silhouettes in the industry today
- Removable condenser shroud allows easy access to enable regular cleaning of coils
- Easy pull-out filters that are washable and easy to maintain
- Filter drier for sealed system refrigerant
- 7-Button touch pad provides complete control to guests for inroom comfort while maintaining energy efficiency
- Condensate dispersion system removes condensate from indoor cooling operation and evaporates it into the atmosphere through the condenser

Amana

			Dimensions (in)				
Part No.	Capacity (BTU)	Electric Heather (kW)	H	W	D	Shipping Weight (lbs)	Price
PTH073G35AXXX	7600	3.5	16-1/6"	42"	21-1/2"	123	1133.62
PTH093G25AXXX	9000	2.5	16-1/6"	42"	21-1/2"	127	1188.90
PTH093G35AXXX	9000	3.5	16-1/6"	42"	21-1/2"	127	1188.90
PTH123G35AXXX	12000	3.5	16-1/6"	42"	21-1/2"	132	1254.20
PTH123G50AXXX	12000	5	16-1/6"	42"	21-1/2"	132	1285.82
PTH153G35AXXX	14700	5	16-1/6"	42"	21-1/2"	143	1294.78
PTH153G50AXXX	14700	5	16-1/6"	42"	21-1/2"	143	1326.40
PTH154G35AXXX	14600	3.5	16-1/6"	42"	21-1/2"	143	1317.36

CENTRAL AIR CONDITIONING

CENTRAL AIR CONDITIONING HEAT PUMP SYSTEM - 2 TO 5 TONS



One-Piece Blower Unit with DX Coil HORIZONTAL FAN COIL UNIT DIMENSIONS Standard Fan Coil Features

Features and Benefits:

- Fully Insulated, Corrosion-Resistant Cabinet with Baked Enamel Finish, 1-1/2 lb. Density Batt
- Six-Row Copper Tube Aluminum Fin Evaporator Coil Removes Up to 30% More Humidity than Conventional Coil
- Blower Motor is Factory-Balanced for Vibration- Free Operation
- Condensate Drain Connection in Base Pan for Specially-Designed, Factory-Supplied Condensate Drain Assembly
- Factory-Assembled, Pre-Wired Control Center with High and Low Voltage Terminal Blocks, Blower Relay and Low Voltage Transformer

SPACE PAK

	Nom. System Capacity				Connections			Dimensions (in)				
Part No.	Nom. Tons	Cool MBH*	Std. CFM @ 1.5" W.C.	Motor HP	F.L. Amps	Suction Line	Liquid Line	H	W	D	Ship Wt.	Price
ESP-2430JH4	2, 37288	24, 30	550, 700	1/3	1.8	7/8"	3/8"	14-1/8"	24-1/8"	29-3/8"	120	2317.00
ESP-3642JH4	3, 37316	36, 42	850, 1000	1/2	2.8	7/8"	3/8"	14-1/8"	33-1/8"	29-3/8"	144	2465.00
ESP-4860JH4	4, 5	48, 60	1150, 1300	1	3.6	7/8"	3/8"	14-1/8"	43-1/8"	29-3/8"	171	2714.00

ELECTRI PAK

Integral Electric Heat Module for DX Fan Coil Units



Designed to provide a heating option for SpacePak systems. Easy to install in both new and existing systems and fit directly inside horizontal fan coil units. Equipped with an internal modulating feature, heat discharge temperatures are sensed and can be controlled regardless of load condition. Heater design eliminates the need for external regulating devices such as a multi-stage (W3) and/or outdoor thermostat.

SPACE PAK

		FLA / MCA			
Part No.	Heat Output @ 240V	208/1/60	230/1/60	Fan Coil Unit	Price
AC-EPAK-10G	10kW	48 / 60	43 / 54	ESP-2430G	1257.00
AC-EPAK-15G	15kW	72 / 90	65 / 82	ESP-3642G	2020.00
AC-EPAK-20G	20kW	96 / 120	87 / 109	ESP-4960G	2117.00

AIR CONDITIONING EQUIPMENT

HVAC SPLIT SYSTEM

MSZ WALL MOUNTED INDOOR UNITS



The MSZ-Series features wall mounted heat pump mini split indoor units for use in single zone and multi-zone systems. The functional design is paired with quiet operations that provide comfort without disrupting your space and installing a Mitsubishi wall mounted indoor unit is quick and easy thanks to their convenient mounting plate. With multiple operating modes, multiple fan speeds, and multiple airflow directions, these units fit the needs of nearly any room. Whether you are designing a primary heating and cooling system or supplementing an existing one, the MSZ-Series is an excellent addition.

MITSUBISHI ELECTRIC
COOLING & HEATING

Part No.	Cooling Btu/h	Phase, Cycle, Voltage	Heating 47°F Btuh	Dimensions (inches) H	W	D	Weight	Price
MSZ-FH18NA	18,000	1, 60Hz, 208/230V*3	21,600	12-13/16	43-5/16	9-3/8	37	1095.00
MSZ-D30NA-8	30,700	1, 60Hz, 208/230V*4	34,000	11-5/8	46-1/16	14-3/8	40	1165.00
MSZ-D36NA-8	33,200	1, 60Hz, 208/230V*4	36,000	11-5/8	46-1/16	14-3/8	40	1565.00

MUZ OUTDOOR UNITS



Slim and compact, INVERTER-driven compressor, quiet, Pulse Amplitude Modulation (PAM), A-control connection, auto cool/heat changeover, hyper heating performance, blue fin coating on outdoor unit.

MITSUBISHI ELECTRIC
COOLING & HEATING

Part No.	Capacity (BTUH) Cool	TOTAL INPUT	SEER	Phase/Cycle/ Voltage	Connections (In.) SAE Suction	Liquid	Dimensions (In.) H	W	D	Weight	Price
MUZ-FH09NA-1	9,000	580 (160-650)	26.0	1/60Hz, 208/230V*4	3/8"	1/4"	11-1/4	31-1/2	21-5/8	80	1400.00
MUZ-FH12NA1	12,000	930 (160-960)	23.0	1/60Hz, 208/230V*4	3/8"	1/4"	11-1/4	31-1/2	21-5/8	80	1520.00
MUZ-D30NA-1	30,700	3,850 (620-3,850)	14.5	1/60Hz, 208/230V*4	5/8"	3/8"	13	33-1/16	33-7/16	141	2625.00
MUZ-D36NA-1	33,200	4,360 (620-4,360)	14.5	1/60Hz, 208/230V*4	5/8"	3/8"	13	33-1/16	33-7/16	141	3325.00

MULTI-ZONE MXZ HEAT PUMP



Total zone control: The MXZ Series provides individually controlled rooms (up to 8 depending on system selected) using a single outdoor unit. With the MXZ-B multi-zone heat pump systems, you can enjoy ideal levels of comfort in the rooms you use most while reducing your energy costs. People in different rooms - like the kitchen, master bedroom or living room - can set temperatures, air flow, and speed for personalized comfort.

Features:

- Complete range of capacity options from 20,000-48,000 Btu/h
- 2, 3, 4, 5 and 8 port systems
- Individual zone control
- Mix and match flexibility of indoor unit styles and combinations
- A wide range of indoor unit capacities that match the room size and requirements

MITSUBISHI ELECTRIC
COOLING & HEATING

Part No.	Cooling Btuh	Phase, Cycle, Voltage	Heating Btuh	Dimensions (inches) H	W	D	Price
MXZ-2B20NA-1	20,000	1, 60Hz, 208/230V	7,800	53-3/16	37-7/16	14-3/16	2101.50
MXZ-3C24NA2-U1	22,000	1, 60Hz, 208/230V	25,000	53-3/16	37-7/16	14-3/16	2889.00
MXZ-3C30NA	28,400	1, 60Hz, 208/230V	28,600	53-3/16	37-7/16	14-3/16	3249.00
MXZ-3C30NA2-U1	28,400	1, 60Hz, 208/230V	28,600	53-3/16	37-7/16	14-3/16	3249.00
MXZ-4C36NA	35,400	1, 60Hz, 208/230V	36,000	53-3/16	37-7/16	14-3/16	3627.00
MXZ-4C36NA2-U1	35,400	1, 60Hz, 208/230V	36,000	53-3/16	37-7/16	14-3/16	3627.00
MXZ-5C42NA	40,500	1, 60Hz, 208/230V	45,000	53-3/16	37-7/16	14-3/16	4406.00
MXZ-5C42NA2-U1	40,500	1, 60Hz, 208/230V	45,000	53-3/16	37-7/16	14-3/16	4406.00
MXZ-8C48NA	48,000	1, 60Hz, 208/230V	54,000	53-3/16	37-7/16	14-3/16	4811.00

AIR CONDITIONING EQUIPMENT

HVAC SPLIT SYSTEM

MULTI-ZONE MXZ HYPER HEATING



Total zone control: The MXZ Series provides individually controlled rooms (up to 8 depending on system selected) using a single outdoor unit. With the MXZ-B multi-zone heat pump systems, you can enjoy ideal levels of comfort in the rooms you use most while reducing your energy costs. People in different rooms - like the kitchen, master bedroom or living room - can set temperatures, air flow, and speed for personalized comfort.

Features:

- Complete range of capacity options from 20,000-48,000 Btu/h
- 2, 3, 4, 5 and 8 port systems
- Individual zone control
- Mix and match flexibility of indoor unit styles and combinations
- A wide range of indoor unit capacities that match the room size and requirements

MITSUBISHI ELECTRIC COOLING & HEATING

Part No.	Cooling Btuh	Phase, Cycle, Voltage	Heating Btuh	Dimensions (inches) H	W	D	Price
MXZ-3C24NAHZ	22,000	1, 60Hz, 208/230V	25,000	53-3/16	37-7/16	14-3/16	4005.00
MXZ-3C24NAHZ2-U1	22,000	1, 60Hz, 208/230V	25,000	53-3/16	37-7/16	14-3/16	4005.00
MXZ-3C30NAHZ	28,400	1, 60Hz, 208/230V	28,600	53-3/16	37-7/16	14-3/16	4230.00
MXZ-3C30NAHZ2-U1	28,400	1, 60Hz, 208/230V	28,600	53-3/16	37-7/16	14-3/16	4230.00
MXZ-4C36NAHZ	36,000	1, 60Hz, 208/230V	45,000	53-3/16	37-7/16	14-3/16	4725.00
MXZ-5C42NAHZ	42,000	1, 60Hz, 208/230V	48,000	53-3/16	37-7/16	14-3/16	5706.00
MXZ-8C48NAHZ	48,000	1, 60Hz, 208/230V	54,000	53-3/16	37-7/16	14-3/16	6251.00

SLZ CEILING-RECESSED INDOOR UNIT



General Features

- Four-way 2' x 2' ceiling-cassette indoor unit for ceiling recessed applications
- Built-in drain mechanism for condensate removal; lifts to 19-11/16"
- Wide air-flow pattern for better air distribution
- Long-life air filter included with indoor unit
- Indoor unit powered from outdoor unit using A-Control

MITSUBISHI ELECTRIC COOLING & HEATING

Part No.	Capacity (BTUH)	Phase, Cycle, Voltage	Heating 47°F Btuh	Dimensions (inches) W	H	D	Weight	Price
SLZ-KA09NA	8,400	1, 60Hz, 208/230V*3	10,900	22-7/16	22-7/16	9-1/4	36	1215.00
SLZ-KA12NA	11,100	1, 60Hz, 208/230V*3	13,600	22-7/16	22-7/16	9-1/4	36	961.00
SLZ-KA15NA	15,000	1, 60Hz, 208/230V*3	18,000	22-7/16	22-7/16	9-1/4	36	1196.00

MITSUBISHI MSY-GL24NA - M SERIES AIR HANDLER



22,500 BTU Cooling Only Up To 19 SEER Wall Mounted Air Conditioner Air Handler.
This product is a brand new genuine Mitsubishi cooling only air handler.

MITSUBISHI ELECTRIC COOLING & HEATING

Part No.	Unit	Capacity (BTUH) Cool	TOTAL INPUT	SEER	Phase/Cycle/ Voltage	Connections (In.) SAE Suction	Liquid	Dimensions (In.) W	H	D	Weight	Price
MSY-D30NA-8	Indoor	30,700	3,380 (620-3,380)	16.0	1/60Hz, 208/230V*2	5/8"	3/8"	46-1/16	11-5/8	14-3/8	40	1050.00
MSY-D36NA-8	Indoor	34,600	4,240 (620-4,240)	15.1	1/60Hz, 208/230V*2	5/8"	3/8"	46-1/16	11-5/8	14-3/8	40	1245.00

MITSUBISHI SUZ-KA15NA.TH - SUZ SERIES



14,100 BTU Cooling 18,000 BTU Heating 15.5 Single Zone Heat Pump Condenser.
This product is a brand new genuine Mitsubishi single zone heat pump condenser.

MITSUBISHI ELECTRIC COOLING & HEATING

Part No.	Unit	Capacity (BTUH) Cool	TOTAL INPUT	SEER	Phase/Cycle/ Voltage	Connections (In.) SAE Suction	Liquid	Dimensions (In.) W	H	D	Weight	Price
SUZ-KA09NA	Outdoor	8,100	670	15.0	1/60Hz, 208/230V*4	3/8"	1/4"	31-1/2	11-1/4	21-5/8	66	1215.00
SUZ-KA12NA	Outdoor	11,500	920	16.0	1/60Hz, 208/230V*4	3/8"	1/4"	31-1/2	11-1/4	21-5/8	77	1385.00
SUZ-KA15NA	Outdoor	14,100	1,170	15.5	1/60Hz, 208/230V*4	1/2"	1/4"	31-1/2	11-1/4	21-5/8	80	1655.00
SUZ-KA18NA	Outdoor	17,200	1,380	17.5	1/60Hz, 208/230V*4	1/2"	1/4"	33-1/6	13	33-7/16	119	2105.00

MITSUBISHI ELECTRIC
COOLING & HEATING

ZONED COMFORT SOLUTIONS™

BETTER AIR QUALITY

INCREASED EFFICIENCY

HYPER HEATING

WHISPER QUIET

SMART CONTROLS

CONSTANT COMFORT



WALL-MOUNTED INDOOR UNIT



FLOOR-MOUNTED INDOOR UNIT



CEILING-RECESSED INDOOR UNIT



HORIZONTAL-DUCTED INDOOR UNIT



MULTI-POSITION AIR HANDLER



OUTDOOR UNIT



To learn more contact your Aireco HVAC specialist, sales representative or branch location.

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AIR CONDITIONING EQUIPMENT

SELF CONTAINED AIR CONDITIONING AND HEAT PUMP

VERTICAL, WALL MOUNTED UNIT



Packaged vertical self contained wall hung air conditioners and heat pumps typically used in modular facilities, telecom buildings and trailers. Designed for ducted or non ducted applications. Includes barometric damper with washable outdoor air filter, phase monitor (3ø units only).

- Efficiency rating of 9.0 EER on V Series models
- COP of 3.0 on H Series
- Reciprocating (V**A) or efficient scroll (V**B) compressors
- Field installed electric heat packages available from 5 kW to 18 kW
- Designed for ducted or non-ducted applications
- Rugged, commercial-grade 16- and 20-gauge G-90 galvanized construction protected by a 1000-hour salt spray, baked-on polyester finish
- Multi-function circuit boards can incorporate LP, HP switches. (optional)
- Plug-in control options and heater receptacle minimize field wiring for control options and electric heaters (standard on all models)
- Built-in circuit breakers with lockable outside access door on all models (disconnect on 460 volt models)
- Permanently-lubricated indoor and outdoor motors; indoor blower assembly designed for quiet operation in ducted or free-blow applications
- ARI performance certified, ETL certified

VERTICAL, WALL MOUNT, AIR COOLED, R410A

Eubank

Part No.	Capacity BTUH	Voltage (Vac)	MCA (Amps)	CFM	ESP	Dimensions (In.) L	D	H	Ship Wgt (Lbs.)	Price
V418B00A1FDSNB	16500	208-230/1/60	11	615	0.35	34	18-5/8	71-1/2	305	Call
V424B00A1FDSNB	23600	208-230/1/60	19	780	0.15	34	18-5/8	71-1/2	305	Call
V430B00A1FDSNB	29400	208-230/1/60	24	1100	0.2	38	18-5/8	71-1/2	349	Call
V430B00A3FDSNB	29400	208-230/3/60	17	1100	0.2	38	18-5/8	71-1/2	349	Call
V436B00A1FDSNB	35000	208-230/1/60	26	1150	0.2	38	18-5/8	71-1/2	352	Call
V436B00A3FDSNB	35000	208-230/3/60	21	1150	0.2	38	18-5/8	71-1/2	352	Call
V436B00A4FDSNB	35000	460/3/60	10	1150	0.2	38	18-5/8	71-1/2	352	Call
V448B00A1FDSNB	47000	208-230/1/60	33	1700	0.2	41	24	87	524	Call
V448B00A3FDSNB	47000	208-230/3/60	24	1700	0.2	41	24	87	524	Call
V448B00A4FDSNB	47000	460/3/60	11	1700	0.2	41	24	87	524	Call
V460B00A1FDSNB	55000	208-230/1/60	45	1980	0.2	41	24	87	545	Call
V460B00A3FDSNB	55000	208-230/3/60	33	1980	0.2	41	24	87	545	Call
V460B00A4FDSNB	55000	460/3/60	15	1980	0.2	41	24	87	545	Call

VERTICAL, WALL MOUNT, HEAT PUMP, R410A

Eubank

Part No.	Capacity (BTUH) Cooling	Heating (at 47°F)	EER	Voltage	MCA (Amps)	CFM	ESP	Dimensions (In.) L	D	H	Ship Wgt (Lbs.)	Price
H424B00A1FDSNB	23600	24000	9.2	208-230/1/60	19	780	0.15	34	18-5/8	71-1/2	305	Call
H430B00A1FDSNB	29400	29000	9.2	208-230/1/60	24	1100	0.2	38	18-5/8	71-1/2	349	Call
H430B00A3FDSNB	29400	29000	9.2	208-230/3/60	17	1100	0.2	38	18-5/8	71-1/2	349	Call
H436B00A1FDSNB	35000	34300	9.2	208-230/1/60	26	1150	0.2	38	18-5/8	71-1/2	352	Call
H436B00A3FDSNB	35000	34300	9.2	208-230/3/60	21	1150	0.2	38	18-5/8	71-1/2	352	Call
H436B00A4FDSNB	35000	34300	9.2	460/3/60	10	1150	0.2	38	18-5/8	71-1/2	352	Call
H448B00A1FDSNB	47000	46000	9.2	208-230/1/60	33	1700	0.2	41	24	87	524	Call
H448B00A3FDSNB	47000	46000	9.2	208-230/3/60	24	1700	0.2	41	24	87	524	Call
H448B00A4FDSNB	47000	46000	9.2	460/3/60	11	1700	0.2	41	24	87	524	Call
H460B00A1FDSNB	55000	55000	9.2	208-230/1/60	45	1980	0.2	41	24	87	545	Call
H460B00A3FDSNB	55000	55000	9.2	208-230/3/60	33	1980	0.2	41	24	87	545	Call
H460B00A4FDSNB	55000	55000	9.2	460/3/60	15	1980	0.2	41	24	87	545	Call

AIR CONDITIONING EQUIPMENT

SELF CONTAINED AIR CONDITIONING AND HEAT PUMP

ELECTRIC HEAT ACCESSORIES - AC

Heaters for Eubank wall units

Eubank

Part No.	Voltage	kW Rating	Nominal Capacity (BTUH)	Price
EGA05B1AC	240/1/60, 208/1/60	5, 3.75	17000, 12750	Call
EGA10B1AC	240/1/60, 208/1/60	10, 7.5	34000, 25500	Call
EGH15B1AC	240/1/60, 208/1/60	15, 11.25	51000, 38250	Call
EGH06B3AC	240/3/60, 208/3/60	6, 4.5	20000, 15000	Call
EGH11B3AC	240/3/60, 208/3/60	11, 8.25	37000, 27750	Call
EGH18B3AC	240/3/60, 208/3/60	18, 3.25	61000, 45750	Call
EGH11D4AC	480/3/60	11	37000	Call
EGH15D4AC	480/3/60	15	51000	Call

ELECTRIC HEAT ACCESSORIES - HEAT PUMP

Heaters for Eubank wall units

Eubank

Part No.	Voltage	kW Rating	Nominal Capacity (BTUH)	Price
EGA05B1AC	240/1/60, 208/1/60	5, 3.75	17000, 12750	Call
EGA10B1AC	240/1/60, 208/1/60	10, 7.5	34000, 25500	Call
EGH15B1AC	240/1/60, 208/1/60	15, 11.25	51000, 38250	Call
EGH06B3AC	240/3/60, 208/3/60	6, 4.5	20000, 15000	Call
EGH11B3AC	240/3/60, 208/3/60	11, 8.25	37000, 27750	Call
EGH18B3AC	240/3/60, 208/3/60	18, 3.25	61000, 45750	Call
EGH11D4AC	480/3/60	11	37000	Call
EGH15D4AC	480/3/60	15	51000	Call

WALL MOUNT ACCESSORIES

Eubank

Part No.	Description	Price
710800	Supply Grill, 2 Ton, White	Call
710805	Supply Grill, 2 1/2 to 3 Ton, White	Call
710810	Supply Grill, 4 to 5 Ton, White	Call
710830	Return Grill, 2 Ton, White	Call
710835	Return Grill, 2 1/2 to 3 Ton, White	Call
710840	Return Grill, 4 to 5 Ton, White	Call
ABOPT	High/Low Pressure Control	Call
BOPT	Low Pressure Control	Call
COPTR	Low Ambient Control, Reciprocating	Call
COPTS	Low Ambient Control, Scroll	Call
ECON3V	Economizer, V18-V36	Call
ECON5V	Economizer, V42-V60	Call

UPFLOW/DOWNFLOW, R410A, AC

Eubank

Part No.	Nominal Capacity (Tons)	Dimensions (In.) H	W	L	Price
ECD4X1815A	1-1/2	18-5/16	15-5/8	20-5/8	Call
ECD4X2415A	2	19-9/16	15-5/8	20-5/8	Call
ECD4X2419A	2	19-9/16	19-1/4	20-5/8	Call
ECD4X3015A	2-1/2	23-11/16	15-5/8	20-5/8	Call
ECD4X3019A	2-1/2	23-11/16	19-1/4	20-5/8	Call
ECD4X3615A	3	25-13/16	15-5/8	20-5/8	Call
ECD4X3619A	3	25-13/16	19-1/4	20-5/8	Call
ECD4X3622A	3	25-13/16	22-7/8	20-5/8	Call
ECD4X4219A	3-1/2	27-9/16	19-1/4	20-5/8	Call
ECD4X4222A	3-1/2	27-9/16	22-7/8	20-5/8	Call
ECD4X4224A	3-1/2	27-9/16	24-1/2	20-5/8	Call
ECD4X4819A	4	33-5/16	19 1/4	20-5/8	Call
ECD4X4822A	4	27-9/16	22-7/8	20-5/8	Call
ECD4X4824A	4	27-9/16	24-1/2	20-5/8	Call
ECD4X6022A	5	33-5/16	22-7/8	20-5/8	Call
ECD4X6024A	5	33-5/16	24 1/2	20-5/8	Call

UPFLOW/DOWNFLOW, R410A, AC/HP

Eubank

Part No.	Nominal Capacity (Tons)	Dimensions (In.) H	W	L	Price
ECD4X1815AC	1-1/2	18-5/16	15-5/8	20-5/8	Call
ECD4X2415AC	2	19-9/16	15-5/8	20-5/8	Call
ECD4X2419AC	2	19-9/16	19-1/4	20-5/8	Call
ECD4X3015AC	2-1/2	23-11/16	15-5/8	20-5/8	Call
ECD4X3019AC	2-1/2	23-11/16	19-1/4	20-5/8	Call
ECD4X3615AC	3	25-13/16	15-5/8	20-5/8	Call
ECD4X3619AC	3	25-13/16	19-1/4	20-5/8	Call
ECD4X3622AC	3	25-13/16	22-7/8	20-5/8	Call
ECD4X4219AC	3-1/2	27-9/16	19-1/4	20-5/8	Call
ECD4X4222AC	3-1/2	27-9/16	22-7/8	20-5/8	Call
ECD4X4224AC	3-1/2	27-9/16	24-1/2	20-5/8	Call
ECD4X4819AC	4	33-5/16	19-1/4	20-5/8	Call
ECD4X4822AC	4	27-9/16	22-7/8	20-5/8	Call
ECD4X4824AC	4	27-9/16	24-1/2	20-5/8	Call
ECD4X6022AC	5	33-5/16	22 7/8	20-5/8	Call
ECD4X6024AC	5	33-5/16	24-1/2	20-5/8	Call

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AIR CONDITIONING & REFRIGERATION ACCESSORIES

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VALVES

THERMOSTATIC EXPANSION VALVE

NI SERIES



Sporlan type NI valve is a small brass bar body, angle style (bottom outlet) valve with SAE flare connections. The thermostatic element is replaceable, and the inlet connection has a removable 100 mesh strainer. An internal adjustment is provided in the outlet fitting, and adjustments can be made with a 7/32" hex wrench when the outlet is not connected.

- Internally equalized
- Powerhead tubing length: 30"
- Connection: male flare inlet side x male flare outlet bottom
- Element size: 43
  Use with refrigerants R12, R134a, R401A, R409A
- C, Z, ZP are the standard charges available

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Overall Height (In.)	Price
NIJ-1/8C	1/8	1/4	3/8	C	4.07	Call
NIJ-1/4C-3/8	1/4	1/4	3/8	C	4.07	Call
NIJ-1/4(*)	1/4	1/4	1/2	C,Z	3.63	Call
NIJ12C14	1/2	1/4	3/8	C	4.07	Call
NIJ-1/2(*)	1/2	1/4	1/2	C,Z	3.63	Call
NIJ1C	1	3/8	1/2	C	3.63	Call

"F", "EF" SERIES

Sporlan type F with SAE flare and EF with ODF solder connections are small brass bar body valves with identical internal construction and replaceable thermostatic elements. These valves have a removable 100 mesh strainer as a standard feature. Overall height: 3.76"

- Element size: 43
- Capillary length: 30"

FJ SERIES

- Connection: male flare 90° inlet x male flare outlet
- Use with refrigerants R134a, R401A, R409A, R12

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
FJ-1/8(*)	1/8	1/4	1/2	C,Z,ZP	Internal	Call
FJ-1/4(*)	1/4	1/4	1/2	C,Z,ZP	Internal	Call
FJ-1/4C-3/8	1/4	1/4	3/8	C	Internal	Call
FJ-1/2C-1/4	1/2	1/4	1/2	C	Internal	Call
FJ-1/2C-3/8	1/2	3/8	1/2	C	Internal	Call
FJ-1/2ZP	1/2	3/8	1/2	ZP	Internal	Call
FJ1(*)	1	3/8	1/2	C,ZP	Internal	Call
FJE-1/8(*)	1/8	1/4	1/2	C,Z	1/4	Call
FJE-1/4(*)	1/4	1/4	1/2	C,Z	1/4	Call
FJE-1/2(*)	1/2	1/4	1/2	C,Z,ZP	1/4	Call
FJE1-1/2(*)	1-1/2	3/8	1/2	C,Z,ZP	1/4	Call
FJE1(*)	1	3/8	1/2	C,Z,ZP	1/4	Call
FJE2(*)	2	3/8	1/2	C,Z,ZP	1/4	Call
FJE3C	3	3/8	1/2	C	1/4	Call

FV SERIES

- Connection: male flare 90° inlet x male flare outlet
- Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
FV-1/4(*)	1/4	1/4	1/2	C,ZP,ZP40	Internal	Call
FV-1/2(*)	1/2	1/4	1/2	C,Z,ZP40	Internal	Call
FV1C	1	1/4	1/2	C	Internal	119.26
FVE-1/4C	1/4	1/4	1/2	C	1/4 SAE	131.18
FVE-1/2C	1/2	3/8	1/2	C	1/4 SAE	83.15
FVE-1/2C-1/4	1/2	1/4	1/2	C	1/4 SAE	83.15
FVE-1/2Z	1/2	1/4	1/2	Z	1/4 SAE	131.18
FVE1(*)	1	3/8	1/2	C,Z	1/4 SAE	Call
FVE1-1/2(*)	1-1/2	3/8	1/2	C,Z	1/4 SAE	Call
FVE2(*)	2	3/8	1/2	C,Z	1/4 SAE	Call
FVE3(*)	3	3/8	1/2	C,Z	1/4 SAE	Call

FS SERIES

- Connection: male flare 90° inlet x male flare outlet
- Use with refrigerants R404A, R408A, R502

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
FS-1/8(*)	1/8	1/4	1/2	C,ZP	Internal	Call
FS-1/4(*)	1/4	1/4	1/2	C,Z,ZP	Internal	Call
FS-1/2(*)	1/2	1/4	1/2	C,Z,ZP	Internal	Call
FS1(*)	1	3/8	1/2	C,Z	Internal	255.00
FS1ZP	1	3/8	1/2	ZP	Internal	119.26
FSE-1/4ZP	1/4	1/4	1/2	ZP	1/4 SAE	131.18
FSE-1/2(*)	1/2	1/4	1/2	C,Z,ZP	1/4 SAE	Call
FSE1(*)	1	3/8	1/2	C,Z,ZP	1/4 SAE	Call
FSE1-1/2(*)	1-1/2	3/8	1/2	C,Z,ZP	1/4 SAE	Call
FSE2C	2	3/8	1/2	C	1/4 SAE	131.18
FSE2(*)	2	3/8	1/2	Z,ZP	1/4 SAE	Call

EFJ SERIES

- Connection: ODF inlet x ODF outlet
- Use with refrigerants R134a, R401A, R409A, R12

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
EFJ1/8C	1/8	1/4	1/2	C	Internal	Call
EFJ1/4(*)	1/2	1/4	1/2	C,ZP	Internal	Call
EFJ1/2C	1/2	1/4	1/2	C	Internal	Call
EFJ1(*)	1	3/8	1/2	C,CP60	Internal	Call
EFJE1/4C	1/4	1/4	1/2	C	1/4 ODF	Call
EFJE1/2(*)	1/2	1/4	1/2	C,CP60,ZP	1/4 ODF	Call
EFJE1(*)	1	3/8	1/2	C,CP60,ZP	1/4 ODF	Call
EFJE1(*)	1-1/2	3/8	1/2	C,CP60,ZP	1/4 ODF	Call
EFJE2(*)	2	3/8	1/2	C,CP60,ZP	1/4 ODF	Call
EFJE3(*)	3	3/8	1/2	C,CP60	1/4 ODF	Call

VALVES

THERMOSTATIC EXPANSION VALVE

EFV SERIES

- Connection: ODF inlet x ODF outlet
- Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
EFV1/5Z	1/5	1/4	1/2	Z	Internal	Call
EFV1/4(*)	1/4	1/4	1/2	C,ZP,ZP40	Internal	Call
EFV1/2C-3/8	1/2	3/8	1/2	C	Internal	Call
EFV1/2C-1/4	1/2	1/4	1/2	C	Internal	Call
EFV1/2(*)	1/2	1/4	1/2	Z,ZP40	Internal	Call
EFV1C	1	1/4	1/2	C	Internal	Call
EFVE1/4C	1/4	1/4	1/2	C	1/4 ODF	Call
EFVE1/2C3/8	1/2	3/8	1/2	C	1/4 ODF	Call
EFVE1/2C	1/2	1/4	1/2	C	1/4 ODF	Call
EFVE1(*)	1	1/4	1/2	C,Z	1/4 ODF	Call
EFVE1-1/2(*)	1-1/2	3/8	1/2	C,Z	1/4 ODF	Call
EFVE2(*)	2	3/8	1/2	C,Z	1/4 ODF	Call
EFVE3(*)	3	3/8	1/2	C,Z	1/4 ODF	Call

EFS SERIES

- Connection: ODF inlet x ODF outlet
- Use with refrigerants R404A, R408A, R502

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
EFS1/8C	1/8	1/4	3/8	C	Internal	Call
EFS1/4(*)	1/4	1/4	1/2	Z,ZP	Internal	Call
EFS1/2(*)	1/2	1/4	1/2	C,Z,ZP	Internal	Call
EFS1(*)	1	3/8	1/2	C,Z,ZP	Internal	Call
EFSE1/4(*)	1/4	1/4	1/2	Z,ZP	1/4 ODF	Call
EFSE1/2(*)	1/2	1/4	1/2	C,Z,ZP	1/4 ODF	Call
EFSE1(*)	1	3/8	1/2	C,Z,ZP	1/4 ODF	Call
EFSE1-1/2*	1-1/2	3/8	1/2	C,ZP	1/4 ODF	Call
EFSE2(*)	2	3/8	1/2	C,Z,ZP	1/4 ODF	Call

TYPE "G"



Sporlan type G valves are forged brass body, externally adjustable valves with SAE flare connections. The thermostatic element is replaceable and the inlet connection has a removable 100 mesh strainer. Designed for small refrigeration systems such as refrigerated cases, coolers, and freezers. In addition to refrigeration applications, the externally equalized type G valves may be used for small capacity air conditioning and heat pump units.

- Capillary length: 5'
- Overall height: 4.62" internal equalized, 4.74" external equalized
- Connection: male flare 90° inlet x male flare outlet
- Element size: 53

GJ SERIES

- Use with refrigerants R134a, R401A, R409A, R12

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
GJ-1/8C	1/8	3/8	1/2	C	Internal	212.56
GJ-1/4C	1/4	1/4	1/2	C	Internal	212.56
GJ-1/2C-1/4	1/2	1/4	1/2	C	Internal	212.56
GJ-1/2C-3/8	1/2	3/8	1/2	C	Internal	212.56
GJ-1/2ZP	1/2	3/8	1/2	ZP	Internal	212.56
GJ1-1/2(*)	1-1/2	3/8	1/2	C,Z	Internal	Call
GJ1(*)	1	3/8	1/2	C,CP60,Z	Internal	Call
GJE-1/8C	1/8	1/4	1/2	C	1/4 SAE	212.56
GJE-1/4(*)	1/4	1/4	1/2	C,Z,ZP	1/4 SAE	Call
GJE-1/2(*)	1/2	3/8	1/2	C,CP60,Z,ZP	1/4 SAE	Call
GJE1-1/2(*)	1-1/2	3/8	1/2	C,CP60,Z	1/4 SAE	Call
GJE1(*)	1	3/8	1/2	C,CP60,Z,ZP	1/4 SAE	Call
GJE2(*)	2	3/8	1/2	C,CP60,Z	1/4 SAE	Call

GV SERIES

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
GV-1/4(*)	1/4	1/4	1/2	C,ZP	Internal	Call
GV-1/2(*)	1/2	3/8	1/2	C,Z,ZP	Internal	Call
GV1(*)	1	3/8	1/2	C,Z,ZP,ZP40	Internal	Call
GV1-1/2(*)	1-1/2	3/8	1/2	C,Z,ZP,ZP40	Internal	Call
GV-2-1/2C	2-1/2	3/8	1/2	C	Internal	Call
GVE-1/4(*)	1/4	1/4	1/2	C,ZP40	1/4 SAE	Call
GVE-1/2(*)	1/2	3/8	1/2	C,Z,ZP,ZP40	1/4 SAE	Call
GVE1(*)	1	3/8	1/2	C,Z,GA,CP100,ZP,ZP 40	1/4 SAE	Call
GVE1-1/2(*)	1-1/2	3/8	1/2	C,Z,ZP40,GA,CP100	1/4 SAE	Call
GVE2(*)	2	3/8	1/2	C,GA,CP100,Z,ZP40	1/4 SAE	Call
GVE3(*)	3	3/8	1/2	C,GA,CP100,ZP,ZP40	1/4 SAE	Call

VALVES

THERMOSTATIC EXPANSION VALVE

GS SERIES

- Use with refrigerants R404A, R408A, R502

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
GS-1/4(*)	1/4	1/4	1/2	C,Z,ZP	Internal	Call
GS-1/2(*)	1/2	3/8	1/2	C,Z,ZP	Internal	Call
GS1(*)	1	3/8	1/2	C,Z,ZP	Internal	Call
GSE-1/2(*)	1/2	3/8	1/2	C,Z,ZP	1/4 SAE	Call
GSE1(*)	1	3/8	1/2	C,Z,ZP	1/4 SAE	Call
GSE1-1/2(*)	1-1/2	3/8	1/2	C,Z,ZP	1/4 SAE	Call
GSE2(*)	2	3/8	1/2	C,Z,ZP	1/4 SAE	Call

TYPE "C"



Forged brass body, externally adjustable valve with SAE flare connections. The thermostatic element is replaceable and the inlet connection has a removable 80 mesh strainer. Valve is designed for small refrigeration systems such as refrigerated cases, coolers, and freezers. In addition to refrigeration applications, the externally equalized type C valve may be used for small capacity air conditioning and heat pump units.

- Capillary length: 5'
- Overall height: 5.18"
- Element size: 83
- Connection: male flare 90° inlet x male flare outlet

CJ SERIES

- Use with refrigerants R134a, R401A, R409A, R12

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
CJ2(*)	2	3/8	1/2	C,CP60	Internal	Call
CJE1CP60	1	3/8	1/2	CP60	1/4 SAE	Call
CJE2-1/2(*)	2-1/2	3/8	1/2	C,CP60,Z	1/4 SAE	Call
CJE3(*)	3	3/8	1/2	C,CP60,Z,ZP	1/4 SAE	Call
CJE5(*)	5	1/2	5/8	C,CP60,Z,ZP	1/4 SAE	Call

CS SERIES

- Use with refrigerants R404A, R408A, R502

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
CSE3(*)	3	3/8	1/2	C,Z,ZP	1/4 SAE	Call
CSE4(*)	4	3/8	1/2	C,Z,ZP	1/4 SAE	Call
CSE6(*)	6	1/2	5/8	C,ZP	1/4 SAE	Call

TYPE "EG"



Forged brass body, externally adjustable valve with ODF solder connections. The thermostatic element is replaceable and the inlet connection has a removable 100 mesh strainer which can be cleaned and/or replaced without removing the valve from the line. This valve is designed for small refrigeration systems such as refrigerated cases, coolers, and freezers. In addition to refrigeration applications, the externally equalized type EG valve may be used for small capacity air conditioning and heat pump units.

- Capillary length: 5'
- Overall height: 4.72"
- Connection: ODF 90° inlet x ODF outlet
- Element size: 53

EGJ SERIES

- Use with refrigerants R134a, R401A, R409A, R12

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
EGJ1/8C	1/8	3/8	1/2	C	Internal	167.51
EGJ1/4C	1/4	3/8	1/2	C	Internal	167.51
EGJ1/2C	1/2	3/8	1/2	C	Internal	167.51
EGJ1CP60	1	3/8	1/2	CP60	Internal	190.54
EGJ1-1/2C	1-1/2	3/8	1/2	C	Internal	167.51
EGJE-1/8C	1/8	3/8	1/2	C	1/4 ODF	Call
EGJE-1/4C	1/4	3/8	1/2	C	1/4 ODF	Call
EGJE-1/2(*)	1/2	3/8	1/2	C,CP60,ZP	1/4 ODF	Call
EGJE1(*)	1	3/8	1/2	C,CP60,Z	1/4 ODF	Call
EGJE1-1/2(*)	1-1/2	3/8	1/2	C,CP60	1/4 ODF	Call
EGJE2(*)	2	3/8	1/2	C,ZP	1/4 ODF	Call

EGV SERIES

- Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
EGV-1/3Z	1/3	3/8	1/2	Z	Internal	167.51
EGV-1/2(*)	1/2	3/8	1/2	C,Z,ZP	Internal	Call
EGV-3/4Z	3/4	3/8	1/2	Z	Internal	167.51
EGVE-1/5C	1/5	3/8	1/2	C	1/4 ODF	190.54
EGVE-1/4C	1/4	3/8	1/2	C	1/4 ODF	190.54
EGVE-1/3(*)	1/3	3/8	1/2	C,ZP40	1/4 ODF	Call
EGVE-1/2(*)	1/2	3/8	1/2	C,Z,ZP,ZP40	1/4 ODF	Call
EGVE-3/4(*)	3/4	3/8	1/2	C,Z,ZP,ZP40	1/4 ODF	Call
EGVE1(*)	1	3/8	1/2	C,Z,ZP,ZP40	1/4 ODF	Call
EGVE1-1/2(*)	1-1/2	3/8	1/2	C,Z,ZP,ZP40	1/4 ODF	Call
EGVE2(*)	2	3/8	1/2	C,Z,ZP,ZP40	1/4 ODF	Call
EGVE3(*)	3	3/8	1/2	C,ZP	1/4 ODF	Call

VALVES

THERMOSTATIC EXPANSION VALVE

EGS SERIES

- Use with refrigerants R404A, R408A, R502

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
EGS-1/4(*)	1/4	3/8	1/2	C,Z,ZP	Internal	Call
EGS-1/2(*)	1/2	3/8	1/2	C,Z,ZP	Internal	Call
EGS1Z	1	3/8	1/2	Z	Internal	Call
EGSE-1/4(*)	1/4	3/8	1/2	C,Z,ZP	1/4 ODF	Call
EGSE-1/2(*)	1/2	3/8	1/2	C,Z,ZP	1/4 ODF	Call
EGSE1(*)	1	3/8	1/2	C,Z,ZP	1/4 ODF	Call
EGSE1-1/2(*)	1-1/2	3/8	1/2	C,Z,ZP	1/4 ODF	Call
EGSE2(*)	2	3/8	1/2	C,Z,ZP	1/4 ODF	Call

TYPE "S"



Brass bar body, externally adjustable valve with ODF solder connections. The thermostatic element is replaceable and the inlet connection has a permanent 12 mesh strainer. Designed for both air conditioning and refrigeration applications.

- Capillary length: 5'
- Connection: ODF inlet x ODF outlet
- Overall height: 5.19"
- Element size: 83

SJ SERIES

- Use with refrigerants R134a, R401A, R409A, R12

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
SJ1/4C	1/4	1/2	5/8	C	Internal	Call
SJ1/2C	1/2	1/2	5/8	C	Internal	176.86
SJ2C	2	1/2	5/8	C	Internal	176.86
SJ2-1/2CP60	2-1/2	1/2	7/8	CP60	Internal	Call
SJ3C	3	1/2	7/8	C	Internal	176.86
SJE1/4C	1/4	1/2	5/8	C	1/4 ODF	Call
SJE1/2(*)	1/2	3/8	1/2	C,Z	1/4 ODF	Call
SJE1(*)	1	1/2	5/8	C,CP60	1/4 ODF	Call
SJE1-1/2(*)	1-1/2	1/2	5/8	C,CP60,Z	1/4 ODF	Call
SJE2-1/2(*)	2-1/2	1/2	7/8	C,CP60,Z	1/4 ODF	Call
SJE2C	2	1/2	5/8	C	1/4 ODF	Call
SJE3(*)	3	5/8	7/8	C,CP60	1/4 ODF	Call
SJE5(*)	5	5/8	7/8	C,CP60	1/4 ODF	Call
SJE6(*)	6	7/8	1-1/8	C,CP60	1/4 ODF	Call
SJE10(*)	10	5/8	7/8	C,CP60	1/4 ODF	Call

SV SERIES

- Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
SV1C	1	1/2	5/8	C	Internal	Call
SVE-1/2(*)	1/2	1/2	5/8	C,L2	1/4 ODF	Call
SVE1(*)	1	1/2	5/8	C,CP100,L2	1/4 ODF	Call
SVE1-1/2(*)	1-1/2	1/2	5/8	C,L2	1/4 ODF	Call
SVE2(*)	2	1/2	5/8	C,GA,CP100	1/4 ODF	Call
SVE3(*)	3	1/2	5/8	C,GA,CP100,L	1/4 ODF	Call
SVE4(*)	4	1/2	7/8	C,GA,CP100,Z	1/4 ODF	Call
SVE5(*)	5	1/2	7/8	C,GA,CP100	1/4 ODF	Call
SVE8(*)	8	5/8	7/8	C,GA,CP100	1/4 ODF	Call
SVE10(*)	10	5/8	7/8	C,GA,CP100	1/4 ODF	Call

SS VALVE

- Use with refrigerants R404A, R408A, R502

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
SSE-1/2(*)	1/2	1/2	5/8	Z,ZP	1/4 ODF	Call
SSE1(*)	1	1/2	5/8	Z,ZP	1/4 ODF	Call
SSE2(*)	2	1/2	5/8	C,Z,ZP	1/4 ODF	Call
SSE3(*)	3	1/2	7/8	C,ZP,Z	1/4 ODF	Call
SSE4(*)	4	1/2	7/8	C,Z,ZP	1/4 ODF	Call
SSE6(*)	6	5/8	7/8	C,Z,ZP	1/4 ODF	Call
SSE7ZP	7	5/8	7/8	ZP	1/4 ODF	197.02

TYPE "H"



Brass bar body, externally adjustable valve available with ODF solder flange connections. The thermostatic element is replaceable and the inlet connection has a permanent 16 mesh strainer. Provides the smallest capacity TEVs with flange connections and is designed for both air conditioning and refrigeration applications.

- Capillary length: 5'
- Element size: 33
- Connection: ODF inlet x ODF outlet flanged
- Overall height: 6.56"
- External equalizer: 1/4" SAE

HJ SERIES

- Use with refrigerants R134a, R401A, R409A, R12

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Price
HJE3(*)	3	5/8	7/8	C,CP60	Call
HJE4(*)	4	5/8	7/8	C,CP60	Call
HJE5(*)	5	5/8	7/8	C,CP60	Call
HJE8(*)	8	5/8	7/8	C,CP60	Call
HJE12(*)	12	7/8	1-1/8	C,CP60	Call

VALVES

THERMOSTATIC EXPANSION VALVE

HV SERIES

- Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Price
HVE7(*)	7	5/8	7/8	GA,CP100	Call
HVE11(*)	11	5/8	7/8	GA,CP100	Call
HVE16GA	16	7/8	1-1/8	GA	Call
HVE20(*)	20	7/8	1-1/8	GA,CP100	Call

TYPE "M"



Cast bronze body, externally adjustable valve available with ODF solder flange connections.

- Capillary length: 5'
- Element size: 63 gasket joint
- Connection: ODF inlet x ODF outlet flanged
- External equalizer: 1/4" SAE
- Overall height: 7.75"

MJ SERIES

- Use with refrigerants R134a, R401A, R409A, R12

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Price
MJE13(*)	13	7/8	1-1/8	C,CP60	Call
MJE15(*)	15	7/8	1-1/8	C,CP60	Call
MJE20(*)	20	7/8	1-1/8	C,CP60	Call
MJE25(*)	25	7/8	1-1/8	C,CP60	Call

MV SERIES

- Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Price
MVE18GA	18	7/8	1-1/8	GA	Call
MVE21(*)	21	7/8	1-1/8	C,GA,CP100	Call
MVE26(*)	26	7/8	1-1/8	C,GA,CP100	Call
MVE34(*)	34	7/8	1-1/8	C,Z,GA,CP100	Call
MVE42(*)	42	1-1/8	1-1/8	C,GA,CP100	Call

VV SERIES



Cast bronze body, externally adjustable valve available with ODF solder flange connections.

- Capillary length: 5'
- Overall height: 9"
- Connection: ODF inlet x ODF outlet flanged
- Element size: 63 gasket joint
- External equalizer: 1/4" SAE
- Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Price
VVE52GA	52	1-3/8	1-3/8	Call
VVE52CP100	52	1-3/8	1-3/8	Call
VVE70GA	70	1-3/8	1-3/8	Call
VVE100GA	100	1-3/8	1-3/8	Call

DA SERIES, AMMONIA



Gray cast bronze body, externally adjustable valve available with FPT flange connections. The thermostatic element and all internal parts are replaceable. Provides the smallest capacity TEVs for ammonia service. The nominal 1 & 2 ton type D valves are identical with the exception of their discharge tubes.

- Capillary length: 10'
- Overall height: 6.37"
- Element size: 23 gasket joint
- Connection: 1/2" FPT inlet x 1/2" FPT outlet flanged
- Use with refrigerant R717 ammonia

Part No.	Nominal Tons	Stock Thermostatic Charge	Equalizer	Price
DA2(*)	2	C,L	Internal	Call
DA5(*)	5	C,L	Internal	Call
DA10(*)	10	C,L	Internal	Call
DAE1(*)	1	C,Z,L	1/8 FPT	Call
DAE2(*)	2	C,Z,L	1/8 FPT	Call
DAE5(*)	5	C,L	1/8 FPT	Call
DAE10(*)	10	C,L	1/8 FPT	Call
DAE15(*)	15	C,L	1/8 FPT	Call

TEMPERATURE RESPONSIVE



Modulates refrigerant flow in response to bulb temperature to help solve R22 discharge temperature problems.

- Extended solder ends
- Connection size: 3/8" inlet ODF x 3/8" outlet ODF
- Capillary length: 5'
- Overall width: 4.98"

Part No.	Nominal Tonnage	Temperature (°F)	Price
Y1037FV13190	1/3	190	Call
Y1037FV13230	1/3	230	Call
Y1037FV12180	1/2	180	Call
Y1037FV12190	1/2	190	Call
Y1037FV12210	1/2	210	Call
Y1037FV1222	1/2	220	Call
Y1037FV1223	1/2	230	Call
Y1037FV1224	1/2	240	Call
Y1037FV1180	1	180	Call
Y1037FV1190	1	190	202.37
Y1037FV1220	1	220	Call
Y1037FV1230	1	230	Call
Y1037FV1240	1	240	Call
Y1037FV1250	1	250	Call
Y1037FV11222	1-1/2	220	Call
Y1037FV11223	1-1/2	230	Call
Y1037FV11224	1-1/2	240	Call
Y1037FV2220	2	220	Call
Y1037FV2230	2	230	Call
Y1037FV2240	2	240	Call

VALVES

BALANCED PORT TXV

"BF" SERIES



Small brass bar body valve with SAE flare connections and balanced port construction.

- Overall height: 3.76"
- Connection: M flare 90° inlet x M flare outlet

BFJ SERIES

- Use with refrigerants R134a, R401A, R409A, R12

Part No.	Nominal Tons	Connection Size		Stock Thermostatic Charge	Equalizer	Price
		Inlet	Outlet			
BFJAAA(*)	1/8 to 1/5	3/8	1/2	C,Z,ZP	Internal	Call
BFJAA(*)	1/4 to 1/3	3/8	1/2	C,Z,ZP	Internal	Call
BFJA(*)	1/2 to 1	3/8	1/2	C,Z,ZP	Internal	Call
BFJB(*)	1-1/4 to 1-3/4	3/8	1/2	C,CP60,Z	Internal	Call
BFJBCP60	2 to 3	3/8	1/2	CP60	Internal	Call
BFJC(*)	2 to 3	3/8	1/2	CP60,Z	Internal	Call
BFJEAAAC	1/8 to 1/5	1/4	1/2	C	1/4 SAE	Call
BFJEAA(*)	1/4 to 1/3	1/4	1/2	Z,ZP	1/4 SAE	Call
BFJEA(*)	1/2 to 1	3/8	1/2	CP60,ZP	1/4 SAE	Call
BFJEB(*)	1-1/4 to 1-3/4	3/8	1/2	CP60,Z,ZP	1/4 SAE	Call
BFJEC(*)	2 to 3	3/8	1/2	CP60,Z,ZP	1/4 SAE	Call

BFS SERIES

- Use with refrigerants R404A, R408A, R502

Part No.	Nominal Tons	Connection Size		Stock Thermostatic Charge	Equalizer	Price
		Inlet	Outlet			
BFSAA(*)	1/4 to 1/3	1/4	1/2	C,Z,ZP	Internal	Call
BFSA(*)	1/2 to 1	3/8	1/2	C,Z,ZP	Internal	Call
BFSEAA(*)	1/4 to 1/3	1/4	1/2	C,Z,ZP	1/4 SAE	Call
BFSEA(*)	1/2 to 1	3/8	1/2	C,Z,ZP	1/4 SAE	Call
BFSEB(*)	1-1/4 to 2	3/8	1/2	C,Z,ZP	1/4 SAE	Call
BFSEC(*)	2-1/4 to 3	3/8	1/2	C,Z,ZP	1/4 SAE	Call

BFV SERIES

- Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tons	Connection Size		Stock Thermostatic Charge	Equalizer	Price
		Inlet	Outlet			
BFVAAAC	1/8 to 1/3	1/4	1/2	C	Internal	98.52
BFVAA(*)	1/2 to 2/3	1/4	1/2	C,Z,ZP,ZP40	Internal	Call
BFVA(*)	3/4 to 1 1/2	3/8	1/2	C,Z,ZP,ZP40	Internal	Call
BFVB(*)	1-3/4 to 3	3/8	1/2	C,ZP,ZP40	Internal	Call
BFVC(*)	3-1/4 to 5-1/2	3/8	1/2	C,Z,ZP,ZP40	Internal	Call
BFVEAAAC	1/8 to 1/3	1/4	1/2	C	1/4 SAE	Call
BFVEAAC	1/2 to 2/3	3/8	1/2	C	1/4 SAE	103.58
BFVEAAC-1/4	1/2 to 2/3	1/4	1/2	C	1/4 SAE	Call
BFVEAAZ	1/2 to 2/3	1/4	1/2	Z	1/4 SAE	Call
BFVEAA(*)	1/2 to 2/3	3/8	1/2	ZP,ZP40	1/4 SAE	Call
BFVEA(*)	3/4 to 1-1/2	3/8	1/2	C,Z,ZP,ZP40	1/4 SAE	Call
BFVEB(*)	1-3/4 to 3	3/8	1/2	C,Z,ZP,ZP40	1/4 SAE	Call
BFVEC(*)	3-1/4 to 5-1/2	3/8	1/2	C,Z,ZP,ZP40	1/4 SAE	Call

"EBF" SERIES



Small brass bar body valve with extended ODF solder connections and the same balanced port construction as the type BF valve. The type EBF has a 100 mesh insert strainer. The balanced port construction makes this valve ideally suited for small capacity refrigeration applications which operate over widely varying conditions.

- Element length: 30"
- Element size: 43
- Connection type: 3/8" ODF inlet x 1/2" ODF outlet extended
- Overall height: 3.76"
- Overall width: 5"

EBFJ SERIES

- Use with refrigerants R134a, R401A, R409A, R12

Part No.	Nominal Tonnage Range	Stock Thermostatic Charge	Equalizer	Price
EBFJAAA(*)	1/8 to 1/5	C,Z	Internal	Call
EBFJAA(*)	1/4 to 1/3	C,CP60,Z	Internal	Call
EBFJA(*)	1/2 to 1	C,CP60,Z	Internal	Call
EBFJB(*)	1-1/4 to 1-3/4	C,CP60	Internal	Call
EBFJ(*)	2 to 3	C,CP60	Internal	Call
EBFJEAAA(*)	1/8 to 1/5	C,CP60	1/4 ODF	Call
EBFJEAA(*)	1/4 to 1/3	C,Z	1/4 ODF	Call
EBFJEA(*)	1/2 to 1	C,CP60,Z	1/4 ODF	Call
EBFJEB(*)	1-1/4 to 1-3/4	C,CP60,Z	1/4 ODF	Call
EBFJEC(*)	2 to 3	C,CP60	1/4 ODF	Call

EBFV SERIES

- Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tonnage Range	Stock Thermostatic Charge	Equalizer	Price
EBFVAA(*)	1/2 to 2/3	C,ZP,ZP40	Internal	Call
EBFVA(*)	3/4 to 1-1/2	C,Z,ZP	Internal	Call
EBFVAAA(*)	1/8 to 1/3	C,Z	Internal	Call
EBFVAAAC	1/8 to 1/3	C	1/4 ODF	Call
EBFVEAA(*)	1/2 to 2/3	C,Z,ZP	1/4 ODF	Call
EBFVEA(*)	3/4 to 1-1/2	C,Z,ZP,ZP40	1/4 ODF	Call
EBFVEB(*)	1-3/4 to 3	C,Z,ZP,ZP40	1/4 ODF	Call
EBFVEC(*)	3-1/4 to 5-1/2	C,GA,Z,ZP,ZP40	1/4 ODF	Call

EBFS SERIES

- Use with refrigerants R404A, R408A, R502

Part No.	Nominal Tonnage Range	Stock Thermostatic Charge	Equalizer	Price
EBFSAAAC	1/8 to 1/5	C	Internal	Call
EBFSAAC	1/4 to 1/3	C	Internal	Call
EBFSA(*)	1/2 to 1	C,Z	Internal	Call
EBFSEAA(*)	1/4 to 1/3	C,Z	1/4 ODF	Call
EBFSEA(*)	1/2 to 1	C,Z,ZP	1/4 ODF	Call
EBFSEB(*)	1-1/4 to 2	C,Z,ZP	1/4 ODF	Call
EBFSEC(*)	2-1/4 to 3	C,Z,ZP	1/4 ODF	Call

VALVES

BALANCED PORT TXV

EBSV SERIES



Brass bar body valve having the same physical sizes as the type S valve except the type EBS features a balanced port construction and extended ODF connections. The thermostatic element is replaceable. The balanced port construction makes this valve ideally suited for refrigeration and air conditioning applications.

- Capillary length: 5'
- Overall height: 5.22"
- Overall width: 5.01"
- Element size: 83
- Connection: ODF inlet x ODF outlet
- External equalizer pointed toward bottom cap
- Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Equalizer	Price
EBSVE8(*)	8	5/8	7/8	C,GA,CP100	1/4 ODF	Call
EBSVE11(*)	11	5/8	7/8	C,GA,CP100	1/4 ODF	Call
EBSVE15(*)	15	7/8	1-1/8	C,GA	1/4 ODF	Call
EBSVE20C	20	7/8	1-3/8	C	1/4 ODF	Call

"SBF" SERIES



Small brass bar body valve with extended ODF solder connections and the same balanced port construction as the type BF valve. Both valves have replaceable thermostatic elements. The type SBF has a 100 mesh removable strainer that can be cleaned and/or replaced while the valve is still soldered to the system tubing. The balanced port construction makes these valves ideally suited for small capacity refrigeration applications which operate over widely varying conditions.

- Element length: 30"
- Element size: 43
- Overall height: 3.76"
- Connection: 3/8" ODF 90° inlet x 1/2" ODF outlet

SBFJ SERIES

- Use with refrigerants R134a, R401A, R409A, R12

Part No.	Nominal Tonnage Range	Stock Thermostatic Charge	Equalizer	Price
SBFJAAAC	1/8 to 1/5	C	Internal	Call
SBFJAAC	1/4 to 1/3	C	Internal	Call
SBFJA(*)	1/2 to 1	C,Z	Internal	Call
SBFJBC	1-1/4 to 1-3/4	C	Internal	Call
SBFJEAAA(*)	1/8 to 1/5	C,CP60,Z	1/4 ODF	Call
SBFJEAAC	1/4 to 1/3	C	1/4 ODF	Call
SBFJEA(*)	1/2 to 1	C,Z,ZP	1/4 ODF	Call
SBFJEB(*)	1-1/4 to 1-3/4	C,Z	1/4 ODF	Call
SBFJEC(*)	2 to 3	C,CP60	1/4 ODF	Call

SBFS SERIES

- Use with refrigerants R404A, R408A, R502

Part No.	Nominal Tonnage Range	Stock Thermostatic Charge	Equalizer	Price
SBFSAAAC	1/8 to 1/5	C	Internal	Call
SBFSAA(*)	1/4 to 1/3	C,ZP	Internal	Call
SBFSA(*)	1/2 to 1	C,ZP	Internal	Call
SBFSEAAA(*)	1/8 to 1/5	C,ZP	1/4 ODF	Call
SBFSEAA(*)	1/4 to 1/3	C,ZP	1/4 ODF	Call
SBFSEA(*)	1/2 to 1	C,Z,ZP	1/4 ODF	Call
SBFSEB(*)	1-1/4 to 2	C,Z,ZP	1/4 ODF	Call
SBFSEC(*)	2-1/4 to 3	C,Z,ZP	1/4 ODF	Call

SBFV SERIES

- Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tonnage Range	Stock Thermostatic Charge	Equalizer	Price
SBFVAAAC	1/8 to 1/3	C	Internal	Call
SBFVAA(*)	1/2 to 2/3	C,ZP,ZP40	Internal	Call
SBFVA(*)	3/4 to 1-1/2	C,ZP40	Internal	Call
SBFVBC	1-3/4 to 3	C	Internal	Call
SBFVEAA(*)	1/2 to 2/3	C,ZP,ZP40	1/4 ODF	Call
SBFVEA(*)	3/4 to 1-1/2	C,Z,ZP,ZP40	1/4 ODF	Call
SBFVEB(*)	1-3/4 to 3	C,ZP	1/4 ODF	Call
SBFVECC	3-1/4 to 5-1/2	C	1/4 ODF	Call

TYPE "O"



Brass bar body, externally adjustable valve with ODF solder connections. The thermostatic element is replaceable and the inlet connection has a permanent 12 mesh strainer. This valve type features a balanced port construction and is designed for both air conditioning and refrigeration applications. A synthetic seating surface provides tight shut-off during system off periods. This valve has two body styles: a small body which provides capacities up to 30 tons R-22, and a large body which extends capacities to 70 tons R-22.

- Capillary length: 5'
- Connection: ODF inlet x ODF outlet
- External equalizer: 1/4" ODF

OS SERIES

- Use with refrigerants R404A, R408A, R502
- Overall height: 5.84"

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Element Size	Price
OSE6(*)	6	7/8	1-1/8	C,ZP	83	Call
OSE9(*)	9	7/8	1-1/8	C,CP115,ZP	83	Call
OSE12(*)	12	7/8	1-3/8	C,ZP	83	Call
OSE21(*)	21	1-1/8	1-3/8	C,ZP	83	Call
OSE30Z	30	1-1/8	1-5/8	Z	83	Call
OSE30Z-11X13	30	1-3/8	1-5/8	Z	83	Call

VALVES

BALANCED PORT TXV

OV SERIES

- Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Stock Thermostatic Charge	Element Size	Overall Height	Price
OVE10(*)	10	5/8	7/8	C,GA,CP100	83	5.84	Call
OVE15(*)	15	7/8	1-1/8	C,GA,CP100	83	5.84	Call
OVE20(*)	20	7/8	1-3/8	C,GA,CP100	83	5.84	Call
OVE30(*)	30	1-1/8	1-3/8	GA,CP100	83	5.84	Call
OVE40(*)	40	1-1/8	1-3/8	GA,CP100	83	7.45	Call
OVE40Z	40	1-1/8	1-3/8	Z	83	7.45	Call
OVE55(*)	55	1-1/8	1-3/8	GA,CP100	33	7.45	Call
OVE70(*)	70	1-1/8	1-3/8	GA,CP100	33	7.45	Call

OZ SERIES

- Use with refrigerant R410A

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Element Size	Overall Height	Price
OZE20GA	20	7/8	1-3/8	85	5.84	310.58
OZE25GA	25	1-1/8	1-3/8	85	5.84	Call
OZE35GA	35	1-1/8	1-3/8	85	5.84	310.58
OZE50GA	50	1-1/8	1-3/8	85-3	7.45	Call
OZE60GA	60	1-1/8	1-3/8	85-3	7.45	Call

RC SERIES

An externally adjustable balanced port with an internal check valve to allow reverse flow in heat pump applications. They are ideally suited for replacement of OEM types CBI, CBBI,I, RI, BI, and BBI valves as well as other heat pump or cooling only applications. They utilize the KT45 element design.

- External equalizer: 1/4" ODF
- Overall length: 3.66"
- Overall width: 3.45"

RC SERIES, R410A



Replaces CBI and CBBI valves on R410A systems. These valves contain internal check valves to allow reverse flow in heat pump applications.

- Use with refrigerant R410A

Part No.	Nominal Tons	Connection Size ODF (In.) Inlet	Outlet	Price
RCZE2GA	2	3/8	1/2	132.89
RCZE3GA	3	3/8	1/2	132.89
RCZE4GA	4	1/2	1/2	132.98
RCZE5GA	5	1/2	5/8	132.98

RC SERIES, R22



Type RC valves are available for replacement of types CBI and CBBI valves. These valves contain internal check valves to allow reverse flow on heat pump applications. Use with refrigerants R22, R407A, R407C

Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Type	Price
RCVE2GAS	2	3/8	1/2	ODS	Call
RCVE2GAF	2	3/8	1/2	Flare	Call
RCVE3GAS	3	3/8	1/2	ODS	108.61
RCVE3GAF	3	3/8	1/2	Flare	Call
RCVE4GAS	4	1/2	1/2	ODS	Call
RCVE4GAF	4	1/2	1/2	Flare	Call
RCVE5GAS	5	1/2	1/2	ODS	108.61
RCVE5GAF	5	1/2	1/2	Flare	Call
RCVE6GAS	6	1/2	1/2	ODS	Call
RCVE6GAF	6	1/2	1/2	Flare	Call

R SERIES



An externally adjustable balanced port valve. They are ideally suited for replacement of OEM types I, RI, BI, and BBI valves as well as other heat pump or cooling applications. They may be applied in bi-directional applications. They utilize the KT45 element design.

- External equalizer: 1/4" ODF
- Overall length: 3.53"

R SERIES, R410A

- Use with refrigerant R410A
- CP180 charge is air conditioning with 180 pound pressure limit for system protection
- For heat pump use, an external check valve is necessary. The valve does not have an internal check.

Part No.	Nominal Tons	Connection Size ODF (In.) Inlet	Outlet	Price
ERZE2GA	2	3/8	1/2	97.16
ERZE3GA	3	3/8	1/2	97.16
ERZE4GA	4	3/8	1/2	97.16
ERZE5GA	5	3/8	1/2	97.16
ERZE6GA	6	1/2	5/8	97.16
ERZE8GA	8	5/8	7/8	139.97
ERZE8CP180	8	5/8	7/8	149.85
ERZE12-1/2GA	12-1/2	5/8	7/8	139.97
ERZE12-1/2CP180	12-1/2	5/8	7/8	107.04
ERZE15GA	15	5/8	1-1/8	139.97
ERZE15CP180	15	5/8	1-1/8	149.85

R SERIES, R22

- Use with refrigerants R22, R407A, R407C
- For heat pump use, an external check valve isnecessary. The valve does not have an internal check.

Part No.	Nominal Tons	Connection Size ODF (In.) Inlet	Outlet	Price
RVE8GA	8	5/8	7/8	Call
RVE10GA	10	5/8	7/8	Call

VALVES

BALANCED PORT TXV

TR6 SERIES

The TR design incorporates a hot-pressed brass body with the entire power element, including the capillary tube and bulb, fabricated from stainless steel. These offer high corrosion resistance, high strength and vibration resistance fast installation and good thermal contact and transmission. All valves are designed with balanced port which reduces the influence from varying condensing pressures.

- Laser-welded power element: longer diaphragm life.
- High pressure tolerance and working pressure.
- Flare connection converters included
- Compact, rugged design

TR6 SERIES, R22



Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Thermostatic Charge	Equalizer	Price
067L5856	1 to 2	3/8	3/8	+50°F to +14°F	1/4 F Flare	123.14
067L5857	2.5 to 3	3/8	3/8	+50°F to +14°F	1/4 F Flare	123.14
067L5858	3.5 to 4	3/8	3/8	+50°F to +14°F	1/4 F Flare	123.14
067L5859	5 to 6	3/8	3/8	+50°F to +14°F	1/4 F Flare	123.14

TR6 SERIES, R410A



Part No.	Nominal Tons	Connection Size (In.) Inlet	Outlet	Thermostatic Charge	Equalizer	Price
067L5955	3	3/8	3/8	+50°F to +14°F	1/4 F Flare	Call
067L5956	4	3/8	3/8	+50°F to +14°F	1/4 F Flare	Call
067L5957	5	3/8	3/8	+50°F to +14°F	1/4 F Flare	Call

CARTRIDGE STYLE TXV

"Q" BODY

The brass body type Q, EQ, BQ and SQ are replaceable cartridge style valves, whereby a cartridge can be selected to match the system capacity and installed in the valve body. All share identical internal construction and provide external adjustments.
These valves are all designed for small refrigeration systems such as refrigerated cases, coolers, and freezers. The externally equalized versions of these valves may be used on air conditioning and heat pump systems, the EQ body is specifically targeted for this application. To use a Q body valve, select the appropriate body style, the cartridge that provides the appropriate capacity for the refrigerant and application you are using (QC* for standard port, BQC* for balanced port) and the KT43 (KT45 for R410A) power element as outlined in the element table

- Overall height: 3.93" with powerhead
- Strainer at inlet

FLARE BODY



- Connection: M flare 90° inlet x M flare outlet

Part No.	Connection Size (In.) Inlet	Outlet	Equalizer	Price
QBODY2X3F	1/4	3/8	Internal	Call
QBODY2X4F	1/4	1/2	Internal	Call
QBODY3X4F	3/8	1/2	Internal	Call
QEBODY2X3F	1/4	3/8	1/4 SAE	Call
QEBODY2X4F	1/4	1/2	1/4 SAE	Call
QEBODY3X4F	3/8	1/2	1/4 SAE	Call

FLARE BODY/BALANCED PORT



- Q body in a balanced port design
- Connection: M flare 90° inlet x M flare outlet
- Uses BQC cartridge

Part No.	Connection Size (In.) Inlet	Outlet	Equalizer	Price
BQBODY2X4F	1/4	1/2	Internal	45.35
BQBODY3X4F	3/8	1/2	Internal	45.35
BQEBODY2X4F	1/4	1/2	1/4 SAE	52.17
BQEBODY3X4F	3/8	1/2	1/4 SAE	52.17

ODF BODY/BALANCED PORT



- SQ body in a balanced port design
- Connection: ODF 90° inlet x ODF outlet
- Uses BQC cartridge

Part No.	Connection Size (In.) Inlet	Outlet	Equalizer	Price
SBQBODY3X4	3/8	1/2	Internal	54.33
SBQEBODY3X4	3/8	1/2	1/4 ODF	62.50

VALVES

CARTRIDGE STYLE TXV

ODF BODY



- Connection: ODF 90° inlet x ODF outlet
- Replaceable strainer at inlet
- Equalizer connection towards bottom cap

Part No.	Connection Size (In.) Inlet	Outlet	Equalizer	Price
SQBODY3X4	3/8	1/2	Internal	Call
SQEBODY3X4	3/8	1/2	1/4 ODF	Call

ODF BODY, EXTENDED ENDS



- Connection: ODF inlet x ODF outlet extended ends
- "877" strainer
- Equalizer connection towards bottom cap

Part No.	Connection Size (In.) Inlet	Outlet	Equalizer	Overall Width	Price
EQBODY3X4S	3/8	1/2	Internal	4.98	77.13
EQBODY3X5S	3/8	5/8	Internal	4.98	77.13
EQBODY4X5S	1/2	5/8	Internal	4.90	77.13
EQBODY4X7S	1/2	7/8	Internal	4.81	Call
EQEBODY3X4S	3/8	1/2	1/4 ODF	4.98	88.69
EQEBODY3X5S	3/8	5/8	1/4 ODF	4.98	88.69
EQEBODY4X5S	1/2	5/8	1/4 ODF	4.90	88.69
EQEBODY4X7S	1/2	7/8	1/4 ODF	4.81	Call

ODF BODY, EXTENDED ENDS, BALANCED PORT



- EQ body in a balanced port design
- Connection: ODF 90 inlet x ODF outlet extended ends
- Uses BQC cartridge

Part No.	Connection Size (In.) Inlet	Outlet	Equalizer	Price
EBQBODY3X4	3/8	1/2	Internal	77.13
EBQBODY3X5	3/8	5/8	Internal	77.13
EBQBODY4X5	1/2	5/8	Internal	77.13
EBQEBODY3X4	3/8	1/2	1/4 ODF	88.69

ORIFICE CARTRIDGE



- Requires 4mm allen wrench
- 791001: replacement O-ring
- Use BQC cartridge for balanced port valve

Part No.	Color Code	Capacity Tons R12, R134a, R401A, R409A	R22, R407A, R407C	R404A, R408A, R502	Price
QC0	Red	1/6	1/3	1/6	8.16
QC1	Yellow	1/4	1/2, 3/4	1/4	8.16
QC2	Green	1/2	1	1/2	8.16
QC3	Blue	1	1-1/2	1	8.16
QC4	Pink	1-1/2	2, 2 1/2	1-1/2	8.16
QC5	Black	2	3	2	8.16
QC6	White	2-1/2	5	3	8.16
BQCAAA	Red	1/8 to 1/5	1/8 to 1/3	1/8 to 1/5	19.37
BQCAA	Yellow	1/4 to 1/3	1/2 to 2/3	1/4 to 1/3	19.37
BQCA	Blue	1/2 to 1	3/4 to 1-1/2	1/2 to 1	19.37
BQCB	Pink	1-1/4 to 1-3/4	1-3/4 to 3	1-1/4 to 2	19.37
BQCC	White	2 to 3	3-1/4 to 5-1/2	2-1/4 to 3	19.37

ACCESSORIES

Part No.	Description	Price
184000	QC Cartridge Service Kit Includes: (3) QCO, (5) QC1, (5) QC2, (5) QC3, (3) QC4, (3) QC5 (3) QC6, (1) 4mm Allen Wrench, (1) Bottle Oil	247.81
184007	VQC Cartridge Service Kit Includes: (2) BQCAAA, (4) BQCAA, (4) BQCA, (3) BQCB, (2) BQCC, (1) BQ Cartridge Tool, (1) Bottle Oil	300.12
AW1	Replacement 4mm Wrench	3.68
OB1	Replacement Oil Bottle	5.74
QCASE	Case Sized for 4 Valve Bodies, 6 Elements and Cartridge Service Kit	Call
CSK1	Empty Case, Cartridge Service Kit	Call
4444000	BQ Cartridge Tool	3.68
180390	KT43 Element Wrench	50.29
183367	Adapter, 5/8"ODF x Aeroquip	17.53
183368	Adapter, 1/2"ODF x Aeroquip	16.32
183369	Adapter, 5/8"ODF x Chatleff	17.53
183370	Adapter, 1/2"ODF x Chatleff	16.32
183371	Adapter, 1/2"ODF x 3/8"SAE	14.98

ODF BODY, STAINLESS STEEL



- Bimetal connections; no need for wet cloth
- Biflow function
- Stainless steel; high strength, suitable for foodservice and A/C applications
- Use with ORIFICE0-9

Part No.	Connection Size (In.) Inlet	Outlet	Equalizer	Price
TUA40414X12	1/4	1/2	Internal	Call
TUA40438X12	3/8	1/2	Internal	Call
TUAE40414X12	1/4	1/2	1/4 ODF	Call
TUAE40438X12	3/8	1/2	1/4 ODF	Call

ORIFICE CARTRIDGE



Insert into body for proper refrigerant capacity. Capacities for normal range (- 40°F to +50°F) For TUA/TUAE cartridge style expansion valves

- Supplied with filter (068U0016) and gasket (068U0015)
- Gasket must be changed each time orifice is disassembled

Part No.	Capacity Tons R12, R134a, R401A, R409A	R22, R407A, R407C	R404A, R408A, R502	Price
ORIFICE0	0.13	0.17	0.13	Call
ORIFICE1	0.19	0.25	0.19	Call
ORIFICE2	0.28	0.36	0.28	Call
ORIFICE3	0.39	0.50	0.39	Call
ORIFICE4	0.59	0.75	0.60	Call
068U1035	0.78	1.00	0.79	Call
068U1036	1.20	1.50	1.20	Call
068U1037	1.60	2.00	1.60	Call
068U1038	2.30	3.00	2.40	Call
068U1039	3.50	4.50	3.50	Call

Part No.	Description	Price
068U0016	Orifice Filter	Call
068U0015	Orifice Gasket	Call

VALVES

CARTRIDGE STYLE TXV

Body & Case Selection

To use this valve style, select the body that meets your requirements, the appropriate cage, and powerhead (X26300 style).

- The HFK features interchangeable bodies, cages, and power elements providing maximum flexibility for 1/4 to 5 1/2 ton applications (nominal R-22)
- Pre-packaged service kits—Include a mix of bodies and power elements with a complete set of cages to serve the most applications with a minimum of parts
- Individual components—Bodies, cages, and power elements may be ordered separately and can be used to build personalized service kits or replenish pre-packaged kits
- All HFK valves use a balanced port cage design that compensates for changes in operating pressures due to varying ambients, gas defrost, heat reclaim, or widely varying evaporator loads

The HFK offers the following additional features:

- Bi-flow capability
- Stainless steel power element
- Adjustable superheat
- Solid copper connections
- Maximum working pressure: 450 psig
- Operating temperature: -40°F to 50°F
- Use with R-22, R-134a, R-404A, R-507, R-12, R-502

All valves 4 1/32" high

Cage kit includes cage, insertion tool and ID clips.

CHARGE ELEMENT

KT33 SERIES



- Used on "O" Series and "H" Series valves

Part No.	Refrigerant Class	Application	Pressure Limit (psig)	Capillary Length	Price
KT33DCP70	R500	A/C	70	5	Call
KT33JC	R409A	H/T	—	5	Call
KT33FC10	R409A	H/T	—	10	Call
KT33FCP60	R409A	A/C	60	5	Call
KT33FX	R409A	EL/T	—	5	Call
KT33FZ	R409A	L/T	—	5	141.24
KT33FZ10	R409A	L/T	—	10	Call
KT33FZP	R409A	L/T	20	5	Call
KT33SC	R404A	H/T	—	5	Call
KT33SZ	R404A	L/T	—	5	69.45
KT33SZP	R404A	L/T	45	5	Call
KT33VC	R22	H/T	—	5	69.45
KT33VCP100	R22	A/C	100	5	69.45
KT33VGA	R22	A/C	—	5	61.48
KT33VGA10	R22	A/C	—	10	Call
KT33VGA20	R22	A/C	—	20	Call
KT33VN10	R22	A/C	—	10	135.87
KT33VZ	R22	L/T	—	5	Call
KT33VZP	R22	L/T	20	5	69.45

KT43 SERIES

- Used on "N", "RCVE", F, "EF","Q" Body, "BF","SBF", "EBF" valves

Part No.	Refrigerant Class	Application	Pressure Limit (psig)	Capillary Length	Price
KT43FC	R409A	H/T	—	5	33.63
KT43FCP60	R409A	A/C	60	5	75.88
KT43FZ	R409A	L/T	—	5	40.18
KT43FZP	R409A	L/T	20	5	63.76
KT43JC	R134a	H/T	—	5	40.18
KT43JCP60	R134a	A/C	60	5	Call
KT43JZ	R409A	L/T	—	5	Call
KT43JZP	R134a	L/T	20	5	40.18
KT43LC	R402A	H/T	—	5	Call
KT43PC	R507	H/T	—	5	34.81
KT43PZ	R507	L/T	—	5	Call
KT43SC	R404A	H/T	—	5	40.18
KT43SZ	R404A	L/T	—	5	40.18
KT43SZP	R404A	L/T	45	5	40.18
KT43VC	R22	H/T	—	5	40.18
KT43VCP100	R22	A/C	100	5	40.18
KT43VCP85	R22	A/C	85	5	Call
KT43VGA	R22	A/C	—	5	40.18
KT43VZ	R22	L/T	—	5	40.18
KT43VZP	R22	L/T	20	5	40.18
KT43VZP40	R22	L/T	40	5	40.18
KT43L1	—	DSH	—	5	70.67
KT45ZGA	R410A	A/C	—	5	78.09

KT53 SERIES

- Used on "G", "EG" Series valves

Part No.	Refrigerant Class	Application	Pressure Limit (psig)	Capillary Length	Price
KT53DC	R500	H/T	—	5	Call
KT53DCP70	R500	A/C	70	5	Call
KT53DZ	R500	L/T	—	5	Call
KT53FC	R409A	H/T	—	5	112.76
KT53FCP60	R409A	A/C	60	5	Call
KT53FX	R409A	EL/T	—	5	Call
KT53FZ	R409A	L/T	—	5	112.76
KT53FZP	R409A	L/T	20	5	Call
KT53JC	R134a	H/T	—	5	52.31
KT53JCP60	R134a	A/C	60	5	Call
KT53JZ	R134a	L/T	—	5	Call
KT53PC	R507	H/T	—	5	Call
KT53SC	R404A	H/T	—	5	Call
KT53SZ	R404A	L/T	—	5	52.31
KT53SZP	R404A	L/T	45	5	52.31
KT53VC	R22	H/T	—	5	52.31
KT53VCP100	R22	A/C	100	5	52.31
KT53VGA	R22	A/C	—	5	52.31
KT53VX	R22	EL/T	—	5	Call
KT53VZ	R22	L/T	—	5	52.31
KT53VZP	R22	L/T	20	5	52.31
KT53VZP40	R22	L/T	40	5	Call

VALVES

CHARGE ELEMENT

KT63 SERIES

- Used on "M", "V", "W" Series valves

Part No.	Refrigerant Class	Application	Pressure Limit (psig)	Capillary Length	Price
KT63DCP70	R500	A/C	70	5	Call
KT63FC	R409A	H/T	—	5	Call
KT63FCP60	R409A	A/C	60	5	Call
KT63FZ	R409A	L/T	—	5	Call
KT63VC	R22	H/T	—	5	Call
KT63VCP100	R22	A/C	100	20	126.73
KT63VGA	R22	A/C	—	5	188.12
KT63SC	R404A	H/T	—	5	Call
KT63SZ	R404A	L/T	—	5	126.73

KT83 SERIES

- Used on "C", "S", "EBS", Small "O" Series valves

Part No.	Refrigerant Class	Application	Pressure Limit (psig)	Capillary Length	Price
KT83FC	R409A	H/T	—	5	56.95
KT83FCP60	R409A	A/C	60	5	Call
KT83FX	R409A	EL/T	—	5	Call
KT83FZ	R409A	L/T	—	5	Call
KT83FZP	R409A	L/T	20	5	Call
KT83SC	R404A	H/T	—	5	Call
KT83SZ	R404A	L/T	—	5	Call
KT83SZP	R404A	L/T	45	5	56.95
KT83VC	R22	H/T	—	5	56.95
KT83VCP100	R22	A/C	100	5	56.95
KT83VCP10010	R22	A/C	100	10	123.37
KT83VCP10020	R22	A/C	100	20	123.37
KT83VGA	R22	A/C	—	5	51.94
KT83VGA10	R22	A/C	—	10	Call
KT83VGA20	R22	A/C	—	20	Call
KT83VN	R22	Low Ambient	—	5	Call
KT83VZ	R22	L/T	—	5	Call
KT83VZP	R22	L/T	20	5	56.95
KT83VZP40	R22	L/T	40	5	123.37
KT83L1	—	dsh	—	5	86.05
KT853ZGA	R410A	A/C	—	5	Call

AMMONIA SERIES



Used on "D" or "A" Series ammonia expansion valves

Part No.	Used on	Application	Capillary Length	Price
KT12AL	A	H/T, L/T	10	Call
KT23AC	D	M/T	10	Call
KT23AL	D	H/T, L/T	10	Call
KT23AZ	D	L/T	10	Call

LEVEL MASTER ELEMENT

LEVEL MASTER HEATER



Part No.	Voltage (Vac)	Watts	Price
LMC115V15W	115	15	Call
LMC115V25W	115	25	Call
LMC230V15W	230	15	Call
LMC230V25W	230	25	Call

LEVEL MASTER ELEMENT



Part No.	Element Size	Refrigerant	Price
LMC12AL	12	NH3	Call
LMC23AL	23	NH3	Call
LMC33FL	33	R12	Call
LMC63VL120V*	63	R22	Call
LMC63VL240V*	63	R22	Call
LMC7VL	63	R22	Call

(Call) Please contact your local Aireco branch for pricing.
*With Heater

SYSTEM CONTROLLER

TEMPERATURE CONTROL BOARD



Part No.	Description	Price
TCB	Temperature Control Board w/ Potentiometer	386.31
TCBNP	Temperature Control Board less Potentiometer	Call
952792	Temperature Control Board for SDR, CDS (1 or 2)	Call
952714	Temperature Control Board, Quick Response	Call
952741	Potentiometer only	Call
952670	Extension Cable	Call

REFRIGERANT FLOW CONTROL

CAP TUBE TOOL



- Stainless steel with black etched numbers
- Stainless steel wire plugs
- 14 I.D. sizes from .026" - .090"
- 22 O.D. sizes from .072" -7/16"; 5-12mm

Part No.	Description	Price
A10971	Cap Tube Gauge with File	42.22
A10972	Cap Tube File	10.45

VALVES

REFRIGERANT FLOW CONTROL

CAP TUBE CUTTER



Part No.	Description	Price
A10973	Cap Tube Cutter, Wire Stripper	12.53

CAPILLARY TUBING



Commercial tolerance ±.001". Plugdrawn, sealed and dehydrated soft copper tubing.

Part No.	Inside Diameter	Outside Diameter	Length (Ft.)	Price
TC26	.026	.072	100	Call
TC26-16	.026	.072	16	14.35
TC31	.031	.083	100	Call
TC31-12	.031	.083	12	13.99
TC36	.036	.087	100	13.99
TC42	.042	.093	100	14.47
TC4212	.042	.093	12	14.76
TC44	.044	.109	100	15.82
TC49	.049	.099	100	52.67
TC50	.050	.114	100	15.47
TC54	.054	.106	100	14.47
TC55	.055	.125	100	16.47
TC59	.059	.112	100	14.47
TC64	.064	.125	100	15.06
TC7012	.070	.125	12	16.47
TC75-9	.075	.125	9	14.47
TC80	.080	.145	100	85.51
TC85-9	.085	.145	9	21.61

CAPILLARY TUBE



Part No.	Size (In.) ID	Size (In.) OD	Length (Ft.)	Price
BC5	0.028	0.071	10	10.50
BC5100	0.028	0.071	100	55.70
BC1	0.031	0.081	10	12.90
BC1100	0.031	0.081	100	69.70
BC2	0.040	0.093	12	15.50
BC2100	0.040	0.093	100	71.30
BC3	0.052	0.093	12	13.90
BC3100	0.052	0.093	100	75.70
BC4	0.064	0.125	12	14.60
BC4100	0.064	0.125	100	76.00

REFRIGERANT DISTRIBUTOR

ODM



- First 4 digits indicate distributor model
- Connection: OD male x OD female

Part No.	Avail. No. Outlets	Outlet Size (In.)	Overall Length (In.)	Connection Size ODM (In.)	Nozzle Size	Use with Valve Model	Price
16202-1/4	2	1/4	1.19	5/8	J	(B)BI,EBF,E(B)Q,ER,FB,RC,RI,S,SBF,SR	Call
16203-1/4	3	1/4	1.19	5/8	J	(B)BI,EBF,E(B)Q,ER,FB,RC,RI,S,SBF,SR	Call
16204-3/16	4	3/16	1.19	5/8	J	(B)BI,EBF,E(B)Q,ER,FB,RC,RI,S,SBF,SR	Call
D2622-5/16	2	5/16	2.44	1/2	L	(B)BI,EBF,E(B)Q,EF,EG,FB,RC,SBF,S(B)Q	Call
D2623-5/16	3	5/16	2.44	1/2	I	(B)BI,EBF,E(B)Q,EF,EG,FB,RC,SBF,S(B)Q	Call
D2624-5/16	4	5/16	2.44	1/2	L	(B)BI,EBF,E(B)Q,EF,EG,FB,RC,SBF,S(B)Q	Call
D2625-1/4	5	1/4	2.44	1/2	L	(B)BI,EBF,E(B)Q,EF,EG,FB,RC,SBF,S(B)Q	Call
D2626-1/4	6	1/4	2.44	1/2	L	(B)BI,EBF,E(B)Q,EF,EG,FB,RC,SBF,S(B)Q	Call
16222-5/16	2	5/16	1.62	5/8	J	(B)BI,EBF,E(B)Q,ER,FB,RC,RI,S,SBF,SR	Call
16223-5/16	3	5/16	1.62	5/8	J	(B)BI,EBF,E(B)Q,ER,FB,RC,RI,S,SBF,SR	Call
16224-5/16	4	5/16	1.62	5/8	J	(B)BI,EBF,E(B)Q,ER,FB,RC,RI,S,SBF,SR	Call
16224-1/4	4	1/4	1.62	5/8	J	(B)BI,EBF,E(B)Q,ER,FB,RC,RI,S,SBF,SR	32.77
16225-1/4	5	1/4	1.62	5/8	J	(B)BI,EBF,E(B)Q,ER,FB,RC,RI,S,SBF,SR	32.77
16226-1/4	6	1/4	1.62	5/8	J	(B)BI,EBF,E(B)Q,ER,FB,RC,RI,S,SBF,SR	32.77
11135-5/16	5	5/16	1.78	7/8	G	(B)BI,EBS,E(B)Q,ER,O,R,S	39.07
11136-5/16	6	5/16	1.78	7/8	G	(B)BI,EBS,E(B)Q,ER,O,R,S	39.07
11137-1/4	7	1/4	1.78	7/8	G	(B)BI,EBS,E(B)Q,ER,O,R,S	39.07
11138-1/4	8	1/4	1.78	7/8	G	(B)BI,EBS,E(B)Q,ER,O,R,S	39.07
11157-5/16	7	5/16	2.44	1-1/8	E	EBS,O,S	52.02
11158-5/16	8	5/16	2.44	1-1/8	E	EBS,O,S	52.02
11159-1/4	9	1/4	2.44	1-1/8	E	EBS,O,S	52.02
111510-1/4	10	1/4	2.44	1-1/8	E	EBS,O,S	52.02
111612-1/4	12	1/4	2.44	1-1/8	E	EBS,O,S	72.83
111614-1/4	14	1/4	2.44	1-1/8	E	EBS,O,S	72.83
11179-5/16	9	5/16	2.56	1-3/8	C	EBS,O	69.47
112610-3/8	10	3/8	2.81	1-3/8	C	EBS,O	Call
112610-5/16	10	5/16	2.81	1-3/8	C	EBS,O	104.20
112612-5/16	12	5/16	2.81	1-3/8	C	EBS,O	104.20
112614-5/16	14	5/16	2.81	1-3/8	C	EBS,O	104.20
112616-1/4	16	1/4	2.81	1-3/8	C	EBS,O	104.20

FEMALE FLARE



- First 4 digits indicate distributor model

Part No.	Avail. No. Outlets	Outlet Size (In.)	Overall Length (In.)	Connection Size F Flare (In.)	Nozzle Size	Use with Valve Model	Price
16052-1/4	2	1/4	2.50	1/2 SAE	L	G, C	39.71
16053-1/4	3	1/4	2.50	1/2 SAE	L	G, C	39.71
16054-1/4	4	1/4	2.50	1/2 SAE	L	G, C	39.71
16055-3/16	5	3/16	2.50	1/2 SAE	L	G, C	39.71
16055-1/4	5	1/4	2.50	1/2 SAE	L	G, C	39.71
16082-5/16	2	5/16	2.94	1/2 SAE	L	G, C	47.65
16083-5/16	3	5/16	2.94	1/2 SAE	L	G, C	47.65
16084-5/16	4	5/16	2.94	1/2 SAE	L	G, C	47.65
16085-1/4	5	1/4	2.94	1/2 SAE	L	G, C	47.65
16086-1/4	6	1/4	2.94	1/2 SAE	L	G, C	47.65

REFRIGERANT DISTRIBUTOR

NOZZLE



For selected distributor or auxiliary side connector, choose based on type availability and capacity to select proper nozzle. Replace (*) with bold orifice drilling for part number (i.e. NOZZLEKITL16 = 1/6 for 1605, 1608 distributors).

- Retainer ring included

Rating Conditions

- R22: +40°F evaporator temperature
- R404A:-20°F evaporator temperature
- R409A: +20°F evaporator temperature

All ratings based on 100°F liquid entering TXV, 10 psi ΔP across distributor tubes and 30" tube length.

- R409: 15 psi ΔP across nozzle
- R22, R404A: 25 psi ΔP across nozzle

SPORLAN

Part No.	Available Orifice Range	Use With Distributors	Price
NOZZLEKITA(*)	3 to 50	1125,1127,1143,1659	Call
NOZZLEKITC(*)	3 to 50	1117,1119,1121,1126,1128,1657,1193	Call
NOZZLEKITE(*)	2 to 30	1115,1116,1124,1655	Call
NOZZLEKITG(*)	1/6 to 20	1109,1110,1112,1113,1653,1192	Call
NOZZLEKITJ(*)	1/9 to 8	1104,1105,1147,1620,1622,1651	Call
NOZZLEKITL(*)	1/9 to 8	1605,1608	Call
NOZZLEKITAR(*)	3 to 30	1659R	Call
NOZZLEKITCR(*)	3 to 35	1657R	Call
NOZZLEKITER(*)	2 to 20	1655R	Call
NOZZLEKITGR(*)	1/6 to 10	1653R	Call
NOZZLEKITJR(*)	1/9 to 5	1651R	Call
NOZZLEKITC(*)*	5 to 50	1130, 1132, 1133, 1180, 1182 (R717)	Call
NOZZLEKITG(*)*	1 to 30	1138, 1185 (R717)	Call

** Stainless steel for R717 ammonia

SOLENOID VALVE

A3, E3, E5 SERIES



Hermetic direct acting solenoid valves for refrigeration and air conditioning applications. The flow rate of the E3 and A3 are identical, therefore, the E3 may be freely substituted for the A3. The A3 Series (dated 7/86 or later), and the E3 and E5 Series may be mounted horizontal, on its side, or in a vertical line.

- Safe working pressure: 500 psi
- Port size:
  .101" A3, E3
  .150" E5
- Liquid capacity: R22, 3 lb. ΔP, 40°F evaporator
  1.6 tons A3, E3
  2.8 tons E5
- MOPD: 300 psi AC, 175 psi DC
- Use MKC1 coil
- Overall Length is less coil.

SPORLAN

	Connection				
Part No.	Size (In.)	Type	Overall Length (In.)	Comment	Price
A3F1	1/4	M Flare	2.38	—	60.85
A3P1	3/8	FPT	1.88	—	Call
E3S120	1/4	ODF	4.63	E	57.41
E3S130	3/8	ODF	4.56	E	57.41
E5S120	1/4	ODF	4.63	E	57.41
E5S130	3/8	ODF	4.56	E	57.41

VALVES

SOLENOID VALVE

B6, E6 SERIES





- Safe working pressure: 500 psi
- Port size: 3/16"
- Liquid capacity: R22, 3 lb. ΔP, 40°F evaporator, 4.9 tons
- MOPD: 300 psi AC, 175 psi DC
- Use MKC1 coil for normally closed valve
- Overall length is less coil

Part No.	Connection Size (In.)	Connection Type	Overall Length (In.)	Comment	Price
B6F1	3/8	M Flare	2.50	—	73.58
B6P1	3/8	FPT	1.94	—	75.65
E6S130	3/8	ODF	4.63	E	68.77
E6S140	1/2	ODF	5.00	E	68.77
MB6F1	3/8	M Flare	2.50	M	100.65
ME6S130	3/8	ODF	4.63	M, E	91.50
ME6S140	1/2	ODF	5.00	M, E	91.50

B9, E9 SERIES

- Port size: 9/32"
- Safe working pressure: 500 psi
- Liquid capacity: R22, 3 lb. ΔP, 40°F evaporator, 8.0 tons
- MOPD: 300 psi AC, 250 psi DC, 275 psi N.O.
- Use MKC2 coil for normally closed valve; OMKC2 coil for normally open valve
- Overall length is less coil

Part No.	Connection Size (In.)	Connection Type	Overall Length (In.)	Comment	Price
B9F2	3/8	M Flare	2.88	—	96.29
B9P2	3/8	FPT	2.06	—	96.29
E9S230	3/8	ODF	4.63	E	93.57
E9S240	1/2	ODF	5.00	E	90.84
MB9F2	3/4	M Flare	2.88	M	174.89
MB9P2	3/8	FPT	2.06	M	Call
ME9S230	3/8	ODF	4.63	M, E	117.66
ME9S240	1/2	ODF	5.00	M, E	114.23
OB9F2	3/8	M Flare	2.88	O	249.03
OE9S230	3/8	ODF	4.63	O, E	Call
OE9S240	1/2	ODF	5.00	O, E	160.98

B10, E10 SERIES



- Port size: 5/16"
- Liquid capacity: R22, 3 lb. ΔP, 40°F evaporator, 11.1 tons
- MOPD: 300 psi AC, 250 psi DC, 275 psi N.O.
- Use MKC2 coil for normally closed valve; OMKC2 coil for normally open valve
- Overall length is less coil

Part No.	Connection Size (In.)	Connection Type	Overall Length (In.)	Comment	Price
B10F2	1/2	M Flare	3.25	—	113.93
E10S240	1/2	ODF	5.00	E	107.48
E10S250	5/8	ODF	6.50	E	107.48
MB10F2	1/2	M Flare	3.25	M	198.93
ME10S240	1/2	ODF	5.00	M, E	130.02
ME10S250	5/8	ODF	6.50	M, E	130.02
OB10S2	5/8	ODF	3.25	O	Call

B14, E14 SERIES



- Port size: 7/16"
- Liquid capacity: R22, 3 lb. ΔP, 40°F evaporator, 15.8 tons
- MOPD: 300 psi AC, 250 psi DC, 275 psi N.O.
- Use MKC2 coil for normally closed valve; OMKC2 coil for normally open valve
- Overall length is less coil

Part No.	Connection Size (In.)	Connection Type	Overall Length (In.)	Comment	Price
B14P2	1/2	FPT	2.41	—	120.13
E14S250	5/8	ODF	6.88	E	116.63
MB14P2	1/2	FPT	2.41	M	213.08
ME14S250	5/8	ODF	6.88	M, E	140.55
OB14P2	1/2	FPT	2.41	O	303.24

B19, E19 SERIES



- Port size: 19/32"
- Liquid cap: R22, 3 lb. ΔP, 40°F evap, 24.2 tons
- MOPD: 300 psi AC, 250 psi DC, 275 psi N.O.
- Use MKC2 coil for normally closed valve; OMKC2 coil for normally open valve
- Overall length is less coil

Part No.	Connection Size (In.)	Connection Type	Overall Length (In.)	Comment	Price
B19P2	3/4	FPT	3.00	—	201.27
E19S250	5/8	ODF	6.88	E	195.58
E19S270	7/8	ODF	7.13	E	189.88
MB19P2	3/4	FPT	3.00	M	Call
ME19S250	5/8	ODF	6.88	M, E	218.01
ME19S270	7/8	ODF	7.13	M, E	211.66
ME19S290	1-1/8	ODF	7.13	M, E	218.01
OB19S2-5/8	5/8	ODF	3.87	O	Call
OE19S270	7/8	ODF	7.13	O, E	359.28

VALVES

SOLENOID VALVE

CHECK VALVE SOLENOID



- Designed to replace a liquid line solenoid in parallel with a reverse flow check valve
- Safe working pressure: 500 psi
- MOPD: 300 psi AC, 250 psi DC, 275 psi N.O.
- Use MKC2 coil for normally closed valve

Part No.	Connection Size (In.)	Type	Overall Length (In.)	Comment	Price
CME10S250	5/8	ODF	6.50	M, E	254.08
CME14S250	5/8	ODF	6.88	M, E	266.02
CME19S270	7/8	ODF	7.13	M, E	374.77

R410A SERVICE

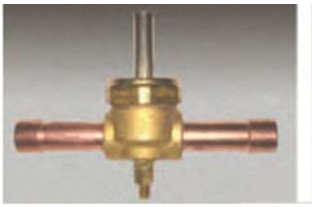


Constructed for service allowing the higher working pressures of R410A.

- Overall length is less coil

Part No.	Connection Size ODF (In.)	Overall Length (In.)	Use with Coil	Comment	Price
E5S130HP	3/8	4.56	MKC1	E	55.21
ME6S130HP	3/8	4.63	MKC1	M, E	87.09
E6S130HP	3/8	4.63	MKC1	E	65.48
ME6S140HP	1/2	5.00	MKC1	M, E	87.09
E6S140HP	1/2	5.00	MKC1	E	65.48
ME9S240HP	1/2	5.00	MKC2	M, E	108.75
E9S240HP	1/2	5.00	MKC2	E	86.48
E10S240HP	1/2	5.00	MKC2	E	102.36
ME10S250HP	5/8	6.50	MKC2	M, E	123.77
ME14S250HP	5/8	6.88	MKC2	M, E	129.93
E14S250HP	5/8	6.88	MKC2	E	111.05
ME19S270HP	7/8	7.13	MKC2	M, E	197.59
E19S270HP	7/8	7.13	MKC2	E	175.54
E25S270HP	7/8	7.50	MKC2	E	257.55
ME25S290HP	1-1/8	8.50	MKC2	M, E	276.88
E25S290HP	1-1/8	8.50	MKC2	E	257.55
E35S1110HP	1-3/8	11.06	MKC1	E	391.18

B25, E25 SERIES





- Port size: 25/32"
- Liquid capacity: R22, 3 lb. ΔP, 40°F evaporator, 41.4 tons
- MOPD: 300 psi AC, 250 psi DC, 275 psi N.O.
- Use MKC2 coil for normally closed valve; OMKC2 coil for normally open valve
- Overall length is less coil

Part No.	Connection Size (In.)	Type	Overall Length (In.)	Comment	Price
B25P2	1	FPT	3.50	—	435.25
E25S270	7/8	ODF	7.50	E	284.16
E25S290	1-1/8	ODF	8.50	E	293.57
MB25P2	1	FPT	3.50	M	472.06
ME25S270	7/8	ODF	7.50	M, E	296.63
ME25S290	1-1/8	ODF	8.50	M, E	296.63
OB25S2	1-1/8	ODF	4.88	O	Call
OE25S270	7/8	ODF	7.50	O, E	359.28
OE25S290	1-1/8	ODF	8.50	O, E	348.82

LARGE CAPACITY



- Liquid capacity: R22, 3 lb. ΔP, 40°F evaporator
- Safe working pressure: 500 psi
- MOPD: 300 psi AC, 250 psi DC, 250 psi OE34, 275 psi OE42
- Use MKC2 normally closed valve/OMKC2 coil normally open valve for E34,E42 Series
- Use MKC1 normally closed valve/OMKC1 coil normally open valve for E35 Series

Part No.	Port Size (In.)	Liquid Line Capacity Tons R22	Connection Size ODF (In.)	Overall Length (In.)	Comment	Price
E35S1110	1	70.9	1 3/8	11.06	E	441.66
ME35S190	1	70.9	1 1/8	10.06	M, E	445.68
ME35S1110	1	70.9	1 3/8	11.06	M, E	454.59
OE35S190	1	70.9	1 1/8	10.06	O, E	514.07
OE35S1110	1	70.9	1 3/8	11.06	O, E	524.35
ME42S2130	1-5/16	127	1 5/8	11.06	M, E	679.17
ME42S2170	1-5/16	127	2 1/8	11.06	M, E	699.96
OE42S2130	1-5/16	127	1 5/8	11.06	O, E	Call
OE42S213020*	1-5/16	127	1 5/8	11.06	O, E	Call
OE42S2170	1-5/16	127	2 1/8	11.06	O, E	Call
MA42S3	1-5/16	102	1 5/8	8.75	Flanged	Call
MA50S3	1-9/16	178	2 1/8	9.88	Flanged	Call

VALVES

SOLENOID VALVE

R410A SERVICE

Constructed for service allowing the higher working pressures of R410A. The E34/E35 Series may be mounted horizontal, on side, or vertical.

- Liquid capacity: R410A, 3 lb. ΔP, 40°F evaporator, 100°F liquid
- Safe working pressure: 700 psi
- MOPD: 450 psi AC
- Use MKC2 coil for normally closed valve (M)E42 Series
- Use MKC1 coil for normally closed valve (M)E35 Series

SPORLAN

Part No.	Port Size (In.)	Liquid Line Capacity Tons	Connection Size ODF (In.)	Overall Length (In.)	Comment	Price
ME35S190HP	1	66.8	1 1/8	10.06	M, E	396.46
ME35S1110HP	1	66.8	1 3/8	11.06	M, E	414.30
ME42S2130HP	1-5/16	120	1 5/8	11.06	M, E	Call

STEEL, FLANGED



Type MA5A3 solenoid valve is of the direct acting type and designed specifically for ammonia service. The type MA17A3 is a pilot operated solenoid valve for ammonia service.

- Liquid capacity: 3 psi ΔP
- Maximum working pressure: 300 psi
- MOPD: 250 psi AC, 200 psi DC
- Use KC3 coil

Parker

Part No.	Connection Size FPT (In.)	Port Size (in.)	Capacity R717 (Tons)	Length (In.)	Height (In.)	Price
MA5A3	1/2	.140	13.7	3.25	7.75	Call

STEEL, FLANGED



The type MA42 and MA50 Series valves must be mounted in a horizontal line with the coil on top. The MA42 and MA50 Series are steel body valves and therefore are not recommended for water or steam service.

- Capacity: ammonia, 3 lb. ΔP, 40°F evaporator
- Use KC3 coil

Parker

Part No.	Connection Size FPT (In.)	Port Size (in.)	Capacity R717 (Tons)	Length (In.)	Price
MA32P3	1-1/4	1	225	8.25	Call
MA42P3	1-1/2	1 5/16	500	8.75	Call

INDUSTRIAL DISC



Use disc type valves for high temperature and steam applications up to 25 psig. Valves from the W6 Series through the W25 Series have this feature. Valves are also equipped with teflon seating materials for long life. The W14 Series through the W25 Series are also equipped with a spring on top of the disc to assist in valve closing.

- Connection: FPT x FPT

SPORLAN

Part No.	Connection Size (In.)	Port Size (In.)	Seat	Coil Size	Price
W3P1	1/4	.109	Brass	MKC1	61.98
W6P1	3/8	3/16	Stainless	MKC1	79.04
W14P2	1/2	7/16	Stainless	MKC2	174.77
W19P2	3/4	19/32	Stainless	MKC2	257.32
W25P2	1	25/32	Stainless	MKC2	397.77

INDUSTRIAL DIAPHRAGM



Ideal for water, most refrigerant oils, air lines to chucking devices, steam lines, etc. These valves may be mounted horizontally, on their side, or on a vertical line. These valves are tight sealing in applications of normal differential pressure. Use teflon diaphragm type valves for high temperature and steam applications over 5 psig but do not exceed 10 psig. For applications where differential pressures in the closed position are below 5 psi, it is recommended that a Buna-N diaphragm be used in the place of the standard teflon diaphragm. In certain areas of the country, particularly hard water localities, the integral brass seats in the solenoid valves may deteriorate very rapidly. This problem is solved by using a stainless steel seat insert in place of the usual brass seat.

- For air, water, steam, light oil
- Use MKC1 coil
- Connection: FPT x FPT

SPORLAN

Part No.	Connection Size (In.)	Port Size (in.)	Diaphragm	Seat Material	Price
R183P1	3/8	9/16	Teflon	Brass	131.43
KBR183P1	3/8	9/16	Buna-N	Stainless	142.11
R184P1	1/2	9/16	Teflon	Brass	131.43
KR184P1	1/2	9/16	Teflon	Stainless	142.11
KBR184P1	1/2	9/16	Buna-N	Stainless	142.11
R246P1	3/4	3/4	Teflon	Brass	159.25
KR246P1	3/4	3/4	Teflon	Stainless	174.16
BR246P1	3/4	3/4	Buna-N	Brass	159.25
KBR246P1	3/4	3/4	Buna-N	Stainless	174.16

RAPID CYCLE



Sporlan rapid cycle solenoid valves are designed for applications that require a solenoid valve to cycle frequently in a short period to maintain very close temperatures. An environmental test chamber using a mechanic-cal refrigeration system is the most common application of rapid cycle solenoid valves.

- Normally closed valve
- Connection: ODF x ODF

SPORLAN

Part No.	Connection Size (In.)	Modification Of	Use Coil	Comments	Price
XUP	3/8	E6S130	OMKC1	E	154.86
XRN	1/2	B9S2	OMKC2	—	271.51
XRN1	3/8	E9S230	OMKC2	E	276.94
XRM	5/8	B14S2	OMKC2	—	314.82
XRM1	5/8	E14S250	OMKC2	E	314.82
XPO3	7/8	E19S270	OMKC2	E	441.86

VALVES

SOLENOID VALVE

HEAT RECLAIM, R410A

- Capacity: R410A, 2 lb. pressure drop, 100°F condensing isotropic compression plus 50°F, 30°F evaporator plus 25°F superheat suction, de-energized mode
- Use "B" type to eliminate N.O. solenoid to suction for systems requiring reclaim condenser pump out
- MOPD: 400 psig
- Maximum rated pressure: 650 psig
- Use MKC1 coil
- B5D5B brass body also suitable for R410A

Part No.	Connection Size ODF (In.)	Port Size (in.)	Overall Length (In.)	Overall Height (In.)	Capacity (Tons)	Price
S8D7B-HP	7/8	3/4	6.88	10.06	11.8	392.02
S8D7C-HP	7/8	3/4	6.88	10.06	11.8	505.29
S8D9B-HP	1-1/8	3/4	6.88	10.06	11.8	392.02
S8D9C-HP	1-1/8	3/4	6.88	10.06	11.8	392.02
S12D11B-HP	1-3/8	1-1/4	8.38	13.57	34.0	590.02
S12D11C-HP	1-3/8	1-1/4	8.38	13.57	34.0	590.02
S12D13B-HP	1-5/8	1-1/4	8.38	13.57	34.0	Call
S12D13C-HP	1-5/8	1-1/4	8.38	13.57	34.0	596.95

HEAT RECLAIM



- Capacity: R22, 2 lb. pressure drop, 0°F evaporator, 100°F condensing isotropic compression +50°F, 25°F superheat suction, de-energized mode, two condenser mode in SC models
- Use "B" type to eliminate N.O. solenoid to suction for systems requiring reclaim condenser pump out
- Use "SC" type for split condenser applications
- Use MKC1 coil
- B5D5B brass body replaces steel 5D5B

Part No.	Connection Size ODF (In.)	Port Size (in.)	Overall Length (In.)	Overall Height (In.)	Capacity R22 Tons	Price
B5D5B	5/8	5/8	6.44	9.31	4.38	Call
S8D7B	7/8	3/4	6.88	10.00	9.9	399.63
S8D7B-SC	7/8	3/4	6.88	10.24	14.5	539.50
S8D7C	7/8	3/4	6.88	10.00	9.9	510.24
S8D7C-SC	7/8	3/4	6.88	10.24	14.5	Call
S8D9B	1-1/8	3/4	6.88	10.06	9.9	399.63
S8D9B-SC	1-1/8	3/4	6.88	10.31	14.5	539.50
S8D9C	1-1/8	3/4	6.88	10.06	9.9	399.63
S8D9C-SC	1-1/8	3/4	6.88	10.31	14.5	Call
S12D11B	1-3/8	1-1/4	8.38	13.57	28.5	635.20
S12D11B-SC	1-3/8	1-1/4	8.38	13.84	31.1	794.00
S12D11C	1-3/8	1-1/4	8.38	13.57	28.5	635.20
S12D11C-SC	1-3/8	1-1/4	8.38	13.84	31.1	Call
S12D13B	1-5/8	1-1/4	8.38	13.57	28.5	644.20
S12D13B-SC	1-5/8	1-1/4	8.38	13.84	31.1	794.00
S12D13C	1-5/8	1-1/4	8.38	13.57	28.5	644.20
S12D13C-SC	1-5/8	1-1/4	8.38	13.84	31.1	Call
S12D17B	2-1/8	1-1/4	8.38	13.57	28.5	1225.96
S12D17B-SC	2-1/8	1-1/4	8.38	13.84	31.1	1469.10
S12D17C	2-1/8	1-1/4	8.38	13.57	28.5	Call
S12D17C-SC	2-1/8	1-1/4	8.38	13.84	31.1	Call
S16D17B	2-1/8	2	10.94	17.47	68.7	1225.96
S16D17B-SC	2-1/8	2	10.94	17.71	87.1	1469.10
S16D17C	2-1/8	2	10.94	17.47	68.7	Call
S16D17C-SC	2-1/8	2	10.94	17.71	87.1	Call

HOT GAS DEFROST



These 3-way valves are used for gas defrost only. One or more compressors are used to provide refrigeration for a multiple of refrigerated cases, both medium and low temperature. The 3-way valves are used to control the flow of gas off a discharge header to the various cases or suction gas from the cases to the suction header. The 3-way valve body is take-apart construction, as is the pilot valve, and both may be completely serviced in the field. Since the pilot valve is 2-way and normally closed, the main valve failure mode from electrical failure or coil failure will be in the refrigeration mode. It should be remembered when applying these valves that the flow of discharge gas is completely blocked off when the pilot valve is deenergized. Therefore these valves can only be applied off a discharge header and not in the main discharge line.

- Connection size: 7/8" discharge, 1 3/8" suction, evaporator
- MOPD: 300 psi
- Safe working pressure: 500 psi
- Use MKC1 coil

Part No.	Setup	Overall Length (In.)	Overall Height (In.)	Price
10G711B	Suction Upper	9.9	9.79	955.08
10G711C	Discharge Upper	9.9	10.62	1008.47

OMKC COIL

- OMKC coils for normally open or rapid cycle solenoid valves

Part No.	Series	Voltage	Price
OMKC1120V	OMKC1	120 Vac	Call
OMKC1240V	OMKC1	208/240 Vac	Call
OMKC1DUAL	OMKC1	120/208/240 Vac	52.69
OMKC224V	OMKC2	24 Vac	Call
OMKC224VDC	OMKC2	24 Vdc	Call
OMKC212VDC	OMKC2	12 Vdc	Call
OMKC232VDC	OMKC2	32 Vdc	Call
OMKC2120V	OMKC2	120 Vac	Call
OMKC2240V	OMKC2	208/240 Vac	Call
OMKC2DUAL	OMKC2	120/208/240 Vac	63.21

VALVES

SOLENOID VALVE

MKC COIL



MKC coils for normally closed solenoid valves

Part No.	Series	Voltage	Comments	Price
MKC124V	MKC1	24 Vac	—	Call
MKC112VDC	MKC1	12 Vdc	—	Call
MKC124VDC	MKC1	24 Vdc	—	Call
MKC1120V	MKC1	120 Vac	—	Call
MKC1240V	MKC1	208/240 Vac	—	Call
MKC1DUAL	MKC1	120/208/240 Vac	—	47.52
MKC224V	MKC2	24 Vac	—	Call
MKC224VCB	MKC2	24 Vac	Conduit Boss	Call
MKC212VDC	MKC2	12 Vdc	—	Call
MKC224VDC	MKC2	24 Vdc	—	Call
MKC238VDC	MKC2	38 Vdc	—	Call
MKC2115VDC	MKC2	115 Vdc	—	Call
MKC2120V	MKC2	120 Vac	—	Call
MKC2120VCB	MKC2	120 Vac	Conduit Boss	Call
MKC2240V	MKC2	208/240 Vac	—	Call
MKC2DUAL	MKC2	120/208/240 Vac	—	57.05
MKC2480V	MKC2	480 Vac	—	Call
MKC324V	MKC3	24 Vac	—	Call
MKC3120V	MKC3	120 Vac	—	Call
MKC3240V	MKC3	240 Vac	—	Call

SOLENOID MAGNET



Designed to manually open solenoid valves by magnetically lifting the stem assembly and plunger. Simply slide the TLMKC18 over the valve's enclosing tube and the industrial grade magnets incorporated inside the rugged ABS plastic housing do the rest. It is an ideal tool for trouble-shooting / servicing both direct connected or pilot operated 2-way solenoid, 3-way reclaim or 4-way reversing valves.

- 3/4" opening fits all common manufactured valves

Part No.	Description	Price
TLMKC18	Magnetic Solenoid Opener	30.85

SOLENOID REPAIR KIT

B, E SERIES



- Includes: stem and plunger assembly, disc assembly, enclosing tube gasket, kick off spring, enclosing tube

Part No.	Applicable Valve	Price
KSB6	(M)B6/(M)E6	61.06
KSB9	(M)B9/(M)E9	67.56
KSB10	(M)B10/(M)E10	70.65
KSB14	(M)B14/(M)E14	78.32
KSB19	(M)B19/(M)E19	104.03
KSB25	(M)B25/(M)E25	149.03

B, E SERIES, R410A

- Includes: stem and plunger assembly, disc assembly, enclosing tube gasket, kick off spring, enclosing tube
- For R410A solenoid valves

Part No.	Applicable Valve	Price
KSB6/E6HP	(M)B6/(M)E6-HP	61.06
KSB9/E9HP	(M)B9/(M)E9-HP	67.56
KSB14/E14HP	(M)B14/(M)E14-HP	76.47
KSB19/E19HP	(M)B19/(M)E19-HP	102.56

CHECK VALVE SOLENOIDS

- Includes: stem and plunger assembly, disc assembly, enclosing tube gasket, kick off spring, enclosing tube

Part No.	Applicable Valve	Price
KSCB9	C(M)B9/C(M)E9	110.68
KSCB10	C(M)B10/C(M)E10	113.82
KSCB14	C(M)B14/C(M)E14	121.69
KSCB19	C(M)B19/C(M)E19	149.03

LARGE PORT



- Includes: stem and plunger assembly, piston assembly, enclosing tube O-ring

Part No.	Applicable Valve	Comments	Price
KSE34	(M)E34	—	342.39
KSE35	(M)E35	—	279.56
KSE42	(M)E42	Includes Closing Spring	409.00
KSMA17A	(M)A17	—	Call
KSMA32	MA32, MB32, MC32	Includes Enclosing Tube Flat Gasket	Call
KSMA42	MA42, EMB42	Includes Enclosing Tube Flat Gasket, Closing Spring	122.48

LARGE PORT, M33 SERIES



- Includes: stem and plunger assembly, piston assembly, closing spring, enclosing tube tetraseal, body flange O-ring, enclosing tube O-ring, pilot valve flange plate

Part No.	Applicable Valve	Price
KSB33	(M)E33, MB33, EMB33	228.06

VALVES

SOLENOID REPAIR KIT

INDUSTRIAL, DISC



- Includes: plunger assembly, enclosing tube O-ring, disc assembly, enclosing tube tetraseal, stem and plunger assembly (W14, W19, W25 only)

Part No.	Applicable Valve	Price
KSW3	W3	37.84
KSW6	W6	55.66
KSW14	W14	85.06
KSW19	W19	108.65
KSW25	W25	155.74

INDUSTRIAL, DIAPHRAGM



- Includes: plunger assembly, diaphragm, enclosing tube tetraseal

Part No.	Applicable Valve	Price
KSR18	R18/KR18	52.35
KSR24	R24/KR24	55.40
KSBR18	BR18/KBR18	52.35
KSBR24	BR24/KBR24	55.40

RAPID CYCLE



- Includes: stem and plunger assembly, disc assembly, enclosing tube assembly, coil housing locknut, spacer ring and cup, tetraseal, nameplate

Part No.	Applicable Valve	Price
KSXUP	XUP	79.84
KSXRM	XRM	120.02
KSXRN	XRN	123.48

LARGE PORT, NORMALLY OPEN



- Includes: upper valve assembly, piston assembly, closing spring, body flange tetraseal ,spacer cup and ring, body flange gasket

Part No.	Applicable Valve	Price
KSOE34	OE34	411.98
KSOE35	OE35	Call
KSOE42	OE42	437.63
KSOE3420	OE34-20	427.08
KSOE4220	OE42-20	Call

HEAT RECLAIM



Includes: enclosing tube tetraseal, stem and seat assembly, piston assembly, lower body O-ring

Part No.	Applicable Valve	Price
KS8DB	8D7B/8D9B	164.56
KS12DB	12D11B/12D13B	284.34
KS16DB	16D17B	392.31
KE8D/12D	8D/12D	43.34

DISCHARGE BYPASS

1/4" PORT, ADJUSTABLE



- Overall height: 6.44"
- Valve capacity:
  0/80 26°F evaporator,
  100°F condensing - 3.45 tons,
  0/30 -20°F evaporator,
  100°F condensing - 3.63 tons
- Capacity based on 6°F evaporator temperature change, 25°F superheat, 0°F subcooling, R22

Part No.	Connection (In.)		Pressure Range (psi)	External Equalizer	Price
	Size	Type			
ADRS2	3/8	ODF	0 to 80	Internal	210.28
ADRS20/80	1/2	ODF	0 to 80	Internal	210.28
ADRSE238	3/8	ODF	0 to 80	1/4 ODF	Call
ADRSE258	5/8	ODF	0 to 80	1/4 ODF	Call
ADRSE2FL	3/8	SAE	0 to 80	1/4 ODF	Call
ADRSE2	1/2	ODF	0 to 80	1/4 ODF	223.86
ADRSE20/30	1/2	ODF	0 to 80	1/4 ODF	223.86

VALVES

DISCHARGE BYPASS

3/8" PORT, ADJUSTABLE



- Overall height: 6.94"
- Valve capacity:
  0/80 26°F evaporator,
  100°F condensing—6.06 tons
  0/30 -20°F evaporator,
  100°F condensing—7.23 tons
- Capacity based on 6°F evaporator temperature change, 25°F superheat, 0°F subcooling, R22

Part No.	Connection Size (In.)	Pressure Range (psi)	External Equalizer	Price
ADRPE3	5/8	0 to 80	1/4 ODF	259.04
ADRPE30/30	5/8	0 to 30	1/4 ODF	259.04

3/4" PORT, ADJUSTABLE



- Overall height: 7.06", width 9.24"
- External equalizer: 1/4 ODF
- Connection: ODF
- Valve capacity:
  0/80 26°F evaporator,
  100°F condensing-9.58 tons
  0/30 -20°F evaporator,
  100°F condensing-13.7 tons
- Capacity based on 6°F evaporator temperature change, 25°F superheat, 0°F subcooling, R22

Part No.	Connection Size (In.)	Pressure Range (psi)	Price
ADRHE658	5/8	0 to 80	378.61
ADRHE6	7/8	0 to 80	474.49
ADRHE60/30	7/8	0 to 30	474.49
ADRHE6118	1-1/8	0 to 80	457.89

REMOTE BULB, ADJUSTABLE, 3/4" PORT



- Overall height: 4.88", width 9.24"
- External equalizer: 1/4"ODF
- Connection: ODF
  Valve capacity: 55/70 26°F evaporator,
  100°F condensing-16.4 tons
- Capacity based on 6°F evaporator temperature change, 25°F superheat, 0°F subcooling, R22

Part No.	Connection Size (In.)	Pressure Range (psi)	Price
DRHE6AR5855	5/8	55 to 70	Call
DRHE625/35AR	7/8	25 to 35	511.82
DRHE655/70AR	7/8	55 to 70	511.82
DRHE6AR125	1-1/8	25 to 35	Call
DRHE6AR155	1-1/8	55 to 70	Call

R410A, ADJUSTABLE



- External equalizer: 1/4 ODF
- Connection: ODF

Capacities are valve capacity based on 6°F evaporator temperature change, discharge temperatures 50°F above isentropic compression, 25°F superheat, 10°F subcooling, R410A

Part No.	Connection Size (In.)	Pressure Range (psi)	Price
HGBE5-3/8	3/8	95 to 115	Call
HGBE5-1/2	1/2	95 to 115	Call
HGBE5-5/8	5/8	95 to 115	Call
HGBE8-7/8	7/8	75 to 150	Call
HGBE8-1-1/8	1-1/8	75 to 150	Call

BYPASS VALVE ELEMENT



- Used to replace defective element or change application on existing valve

Part No.	Fits Valve	Adjustment Range (psi)	Price
A30/30	ADRP/ADRH	0–30	116.16
A30/80	ADRP/ADRH	0–80	116.16
A80/30	ADRS	0–30	112.40
A80/80	ADRS	0–80	112.40

BYPASS VALVE ELEMENT



- Used to replace defective element or change application on existing valve

Part No.	Fits Valve	Adjustment Range (psi)	Price
B3H25/35AR	DRH	25–35	186.48
B3H55/70AR	DRH	55–70	186.48
B3P55/70AR	DRP	55–70	186.48

ELECTRONIC





Performs bypass/capacity control function of traditional valves with proven step motor technology.

- ODF connections

Part No.	Connection Size (In.)	Price
SDR320S-3/8	3/8	Call
SDR320S-1/2	1/2	Call
SDR320S-5/8	5/8	Call
SDR420S-7/8	7/8	Call
SDR420S-1-1/8	1-1/8	Call

VALVES

DISTRIBUTOR ACCESSORIES

SIDE CONNECTOR



- Connection: ODM inlet x ODF outlet x ODF auxiliary

Part No.	Connection Size (In.)			Overall Length (In.)	Nozzle Size	Price
	Inlet	Outlet	Auxiliary			
ASC54	5/8	5/8	1/2	1.88	J	58.26
ASC74	7/8	7/8	1/2	2.25	G	85.98
ASC95	1-1/8	1-1/8	5/8	2.81	E	87.61
ASC117	1-3/8	1-3/8	7/8	3.53	C	115.35
ASC139	1-5/8	1-5/8	1-1/8	3.72	A	160.95

PRESSURE REGULATOR

CONDENSER FLOOD CONTROL



- Adjustable
- Used with ORD4 differential valve to flood condenser for low ambient control
- Pressure range: 65-225psi
- Connection: ODF inlet x ODF outlet 90°
- Capacity at 2 lbs. ΔP R22 liquid flow
- Opens on rise of inlet pressure

Part No.	Port Size	Connection Size (In.)	Capacity (Tons)	Length (In.)	Price
ORI658HP	3/4	5/8	12	9.85	Call
ORI678HP	3/4	7/8	12	9.85	Call
ORI6118HP	3/4	1-1/8	12	9.85	Call
ORI10118HP	1-1/4	1-1/8	24	11.04	Call
ORI10138HP	1-1/4	1-3/8	24	11.04	Call

DIFFERENTIAL PRESSURE



- Used to maintain receiver pressure during operation of ORIHP valve
- Pressure drop is maximum design between compressor and receiver
- Overall length: 6.56"
- Connection size: 5/8" ODF

Part No.	Pressure Drop (psi)	Valve Setting (psi)	Price
ORD420	<14	20	67.11
ORD425	15–19	25	68.45
ORD430	20–24	30	68.45
ORD435	25–29	35	68.45

HEAD PRESSURE



- Nonadjustable
- Receiver pressure must be specified
- Pressure drop is maximum design between compressor and receiver
- Discharge size: 5/8" ODF
- Condenser/Receiver size: 5/8 or 7/8" ODF
- Connection: ODF discharge (inlet) x condenser (inlet) x receiver (outlet)
- Capacity: 2 lbs. ΔP, R22 14.5 tons liquid flow
- Use 100 psi for R12, 180 psi for R22

Part No.	Pressure Drop (psi)	Receiver Pressure (psi)	Connection Size (In.)	Overall Length (In.)	Price
OROA558180	<14	180	5/8 x 5/8 x 5/8	5.94	Call
OROA578210	<14	210	5/8 x 7/8 x 7/8	6.19	Call
OROAB558100	15–19	100	5/8 x 5/8 x 5/8	5.94	Call
OROAB558180	15–19	180	5/8 x 5/8 x 5/8	5.94	Call
OROAB578100	15–19	100	5/8 x 7/8 x 7/8	6.19	Call
OROAB578180	15–19	180	5/8 x 7/8 x 7/8	6.19	Call

HEAD PRESSURE



- Small capacity flooded head pressure control
- Connection: ODF discharge (inlet) x condenser (inlet) x receiver (outlet)
- Use 100 psi for R12, 180 psi for R22, 210-215 psi for R404A

Part No.	Receiver Pressure (psi)	Connection Size (In.)	Price
LAC4100	100	1/2	Call
LAC4180-3/8	180	3/8	116.71
LAC4180	180	1/2	116.71
LAC4210-3/8	210	3/8	153.56
LAC4215	215	1/2	Call

HEAD PRESSURE, R410A

- Small capacity flooded head pressure control
- Capacity winter rated: 2 lbs. ΔP, 0°F evaporator, 94°F condenser, 10°F subcooled liquid, 0°F ambient, R410A
- Connection: ODF discharge (inlet) x condenser (inlet) x receiver (outlet)

Part No.	Capacity (Tons)	Connection Size (In.)	Price
LAC4295HP	2.65	1/2	145.27
LAC5295HP	4.71	5/8	Call
LAC10295HP-11X7	8.79	1-3/8 x 7/8 x 7/8	484.79
LAC10295HP-11X9	8.79	1-3/8 x 1-1/8 x 1-1/8	484.79

CRANKCASE



- Adjustable crankcase pressure regulator, closes on rise of outlet pressure
- Overall height: 4.90"
- Capacity approximately .5 tons
- Connection: M Flare SAE or ODF

Part No.	Adjustment Range (psi)	Connection Size, Type (In.)	Price
CRO412S0/20	0–20	1/2 ODF	Call
CRO412S0/50	0–50	1/2 ODF	Call

VALVES

PRESSURE REGULATOR

EVAPORATOR



- Adjustable model
- Overall height: 6.44"
- 0/80 26°F evaporator, 100°F condensing— 3.45 tons, 0/30 -20°F evaporator, 100°F condensing— 3.63 tons
- Capacity based on 6°F evaporator temperature change, 25°F superheat, 0°F subcooling, R22

Part No.	Operating Range (psi)	Connection Size, Type (In.)	Overall Length (In.)	Price
ORIT612S	0–50	1/2 ODF	6.41	Call
ORIT612	0–50	1/2 SAE	6.41	Call
ORIT61230	30–100	1/2 SAE	6.41	Call
ORIT65830	30–100	5/8 ODF	6.38	Call
ORIT658FL	0–50	5/8 SAE	6.38	Call
ORIT658S	0–50	5/8 ODF	9.75	Call
ORIT678	0–50	7/8 ODF	9.75	Call
ORIT67830	30–100	7/8 ODF	9.75	Call
ORIT6118	0–50	1-1/8 ODF	9.75	Call
ORIT611830	30–100	1-1/8 ODF	9.75	Call
ORIT1078	0–50	7/8 ODF	11.19	324.97
ORIT107830	30–100	7/8 ODF	11.19	Call
ORIT10118	0–50	1-1/8 ODF	11.19	Call
ORIT1011830	30–100	1-1/8 ODF	11.19	Call
ORIT10138	0–50	1-3/8 ODF	11.19	Call
ORIT1013830	30–100	1-3/8 ODF	11.19	Call

CRANKCASE



The function of the crankcase pressure regulating valve is similar to the practice of manually throttling the compressor suction service valve until the machine can handle the load.

- Closes on rise of outlet pressure
- Connection: M Flare SAE or ODF, 90°
- Capacity: R22, 100°F condensing, 10°F superheat, 0°F subcooling,-10°F evaporator,CRO6—0.66 tons, CRO10—2.23 tons
- Valve set at 30 psi, 1 lb. ΔP

Part No.	Connection Size, Type (In.)	Adjustment Range (psi)	Overall Length (In.)	Price
CRO612FL	1/2 SAE	0–60	6.19	Call
CRO658FL	5/8 SAE	0–60	6.37	Call
CRO658S	5/8 ODF	0–60	9.82	Call
CRO658S30	5/8 ODF	30–110	9.82	Call
CRO678	7/8 ODF	0–60	9.82	Call
CRO67830	7/8 ODF	30–110	9.82	Call
CRO1078	7/8 ODF	0–60	11.01	Call
CRO10138	1-3/8 ODF	0–60	11.01	Call

CRANKCASE, ACCESS



Same characteristics as CRO valve "T" indicates 1/4 SAE access fitting on inlet side of valve

Part No.	Connection Size, Type (In.)	Adjustment Range (psi)	Overall Length (In.)	Price
CROT612FL	1/2 SAE	0–60	6.19	Call
CROT612S	1/2 ODF	0–60	9.82	Call
CROT658FL	5/8 SAE	0–60	6.37	Call
CROT658S	5/8 ODF	0–60	9.82	168.82
CROT658S30	5/8 ODF	30–110	9.82	Call
CROT678	7/8 ODF	0–60	9.82	168.92
CROT6118	1-1/8 ODF	0–60	9.82	192.30
CROT1078	7/8 ODF	0–60	11.01	Call
CROT107830	7/8 ODF	0–60	11.01	Call
CROT10118	1-1/8 ODF	0–60	11.01	225.66
CROT1011830	1-1/8 ODF	30–110	11.01	Call
CROT10138	1-3/8 ODF	0–60	11.01	Call

DISCHARGE BYPASS



- Connection: ODF inlet x ODF outlet
- External equalizer: 1/4 SAE
- Valve capacity: discharge 50°F above isentropic compression, 10°F subcooling, fully open R22, 26°F minimum evaporation at reduced load, 100°F condensing, SHGBE—15.9 tons, SHGBE15—65.0 tons

Part No.	Connection Size (In.)	Adjustment Range (psi)	Coil	Overall Length (In.)	Price
SHGBE8	1-1/8	0–100	MKC1	9.32	Call
SHGBE15118	1-1/8	0–75	MKC2	11.00	Call
SHGBE15	1-3/8	0–75	MKC2	11.00	Call

(S)ORIT



- Opens on rise of inlet pressure
- Use the "S" ORIT solenoid stop feature for hot gas defrost applications to allow full open operation after defrost for fast pulldown Capacities based on 60° saturated liquid, 0°F superheat at evaporator, 25°F superheated return gas, R404A, 0°F evaporator temperature, 2 psi ΔP
- Pressure range: 0–100 psi

EVAPORATOR

Part No.	Connection Size (In.)	Capacity (Tons)	Overall Length (In.)	Overall Height (In.)	Price
ORIT12	1-1/8 ODF	2.52	8.50	5.71	Call
ORIT15	1-3/8 ODF	3.77	11.06	5.79	392.72
ORIT20	1-5/8 ODF	9.09	11.06	7.1	1073.54

VALVES

PRESSURE REGULATOR

EVAPORATOR, SOLENOID STOP

- Use MKC1 coil, not provided

Part No.	Connection Size (In.)	Capacity (Tons)	Overall Length (In.)	Overall Height (In.)	Price
SORIT12	1-1/8 ODF	2.52	8.50	7.22	572.05
SORIT15	1-3/8 ODF	3.77	11.06	7.3	714.50
SORIT20	1-5/8 ODF	9.09	11.06	8.6	869.31

EVAPORATOR

Internally piloted valve without the solenoid stop feature. Use for evaporator pressure regulation when reverse cycle hot gas defrost is not needed or handled in some other manner.
Same capacity basis as SORIT.

Part No.	Connection Size ODF (In.)	Capacity (Tons)	Overall Length (In.)	Price
ORITPI29E	1-1/8	1.88	8.50	Call
ORITPI211	1-3/8	1.88	10.80	Call
ORITPI313	1-5/8	3.75	10.80	Call
ORITPI411	1-3/8	4.78	10.80	Call
ORITPI413	1-5/8	4.78	10.80	Call
ORITPI513	1-5/8	9.13	10.80	Call
ORITPI517	2-1/8	9.13	–	Call

EVAPORATOR, SOLENOID STOP



- Piloted internally–no high side pressure needed to operate valve
- Equipped with solenoid stop feature for hot gas defrost applications–uses MKC1 coil
- Pressure range: 0–100 psi
- Capacities based on 60°F saturated liquid, 0°F superheat at evaporator, 25°F superheated return gas, R404A, 0°F evaporator
- Overall height: 8.02"
- Use Y1228 models for smaller loads (usually less than 10,000 BTUH). External pilot is added

Part No.	Connection Size (In.)	Capacity (Tons)	Overall Length (In.)	Price
SORITPI25S	5/8 ODF	1.88	8.50	Call
SORITPI27S	7/8 ODF	1.88	8.50	Call
SORITPI29S	1-1/8 ODF	1.88	8.50	Call
SORITPI211S	1-3/8 ODF	1.88	10.80	Call
SORITPI37S	7/8 ODF	3.75	8.50	672.79
SORITPI39S	1-1/8 ODF	3.75	8.50	672.79
SORITPI311S	1-3/8 ODF	3.75	10.80	722.11
SORITPI313S	1-5/8 ODF	3.75	10.80	876.03
SORITPI49S	1-1/8 ODF	4.78	8.50	Call
SORITPI411S	1-3/8 ODF	4.78	10.80	722.11
SORITPI413S	1-5/8 ODF	4.78	10.80	Call
SORITPI417S	2-1/8 ODF	4.78	–	Call
SORITPI511S	1-3/8 ODF	9.13	10.80	Call
SORITPI513S	1-5/8 ODF	9.13	10.80	Call
SORITPI517S	2-1/8 ODF	9.13	–	Call

DIFFERENTIAL



- Adjustment range: 0–50 psid
- Capacity at 40°F evaporator temp, 100°F condensing, 25°F superheated return, R404A 2 psi ΔP
- OLDR operation: fully open when de-energized, differential mode when energized
- LDR, XTM, XTO operation: differential mode when de-energized, fully open when energized

Part No.	Connection Size (In.)	Capacity (Tons)	Overall Length (In.)	Overall Height (In.)	Coil	Price
LDR16	1-5/8 ODF	31.1	—	6.44	OMKC1	1082.35
OLDR16118	1-1/8 ODF	31.1	—	6.44	MKC1	1458.00
OLDR16	1-3/8 ODF	31.1	—	6.44	MKC1	802.29
XTM5	1-1/8 ODF x 1-5/8 ODM, 90° Elbow	31.1	9.221	7.19	OMKC2	Call
LDR20	2-1/8 ODF	68.7	11.06	7.19	OMKC2	Call
OLDR20	2-1/8 ODF	68.7	11.06	8.33	MKC2	1425.00
OLDR20-1-5/8	1-5/8 ODF	68.7	11.06	8.33	MKC2	1425.00
XTO1	1-5/8 ODF x 1-5/8 ODM, 90° Elbow	68.7	10.381	8.33	OMKC2	Call
XTO4	2-1/8 ODF	68.7	11.06	8.33	OMKC2	Call
DDR202	1-5/8 ODF	18.7	11.06	8.56	MKC2	Call

EVAPORATOR STEP



When properly applied, the CDS valves and controllers can replace standard mechanical evaporator pressure regulator (EPR) valves, suction stop solenoid valves, and conventional thermostats.

- Maximum rated pressure: 420 psig
- Operating temperature: -50°F to 140°F
- Capacity at -10°F evaporator, 60°F liquid, 25°F superheated vapor, 2 psi ΔP, R404A

Part No.	Connection Size ODF (In.)	Capacity (Tons)	Price
CDST412	1/2	1.15	Call
CDST458	5/8	1.15	Call
CDST478	7/8	1.15	Call
CDST778	7/8	3.21	Call
CDST7118	1-1/8	3.21	Call
CDST7138	1-3/8	3.21	Call
CDST958	5/8	3.8	Call
CDST9	7/8	3.8	Call
CDST9118	1-1/8	3.8	409.53
CDST9138	1-3/8	3.8	Call
CDST17138	1-3/8	8.6	Call
CDST17158	1-5/8	8.6	Call
CDST17218	2-1/8	8.6	Call

VALVES

REGULATOR REPAIR KIT

(S)ORIT VALVE





- Includes: adapter, pilot body "T" seal, piston assembly, bottom spring

Part No.	Applicable Valve	Price
KSORI12	(S)ORIT12	219.10
KSORI/CDA15	(S)ORIT15/CDA15	Call
KSORI/CDA20	(S)ORIT20/CDA20	Call

(S)ORIT PILOT



Kit includes: pilot assembly, (2) tetraseal gaskets ((S)ORIT12,15), (1) composition gasket ((S)ORIT20), copper flare gasket, 1/2 SAE bottom cap, (8) hex bolts

Part No.	Applicable Valve	Price
KY1010	ORIT12, ORIT15, ORIT20	177.60
KY1005	SORIT12, SORIT15, SORIT20	241.41

(S)ORIT TO CDS CONVERSION



- Includes: Motor, adaptor, gasket and instructions

Part No.	Description	Price
901656	(S)ORIT12 to CDS	Call
901654	(S)ORIT15 to CDS	Call
901655	(S)ORIT20 to CDS	Call

(S)ORIT PI



- Includes pilot assembly, piston sleeve, piston spring, (2) body O-ring, (2) guide pin O-ring, (2) guide pin, strainer

Part No.	Applicable Valve	Description	Price
RKSORITPI2	(S)ORITPI2		Call
RKSORITPI3	(S)ORITPI3		Call
RKSORITPI4	(S)ORITPI4		386.49
RKSORITPI5	(S)ORITPI5		402.48
KGSORITPI		O-Ring Kit: (2) Body, (2) Guide Pin	16.84
KPIE		Electric Open Assembly	94.81

10G



Part No.	Applicable Valve	Price
KS10G	All 10G7	97.87

HOT GAS



Part No.	Usage	Price
KSHGBE8	Pilot Assembly, SHGB(E)8	265.95
KSSHGB15	Repair Kit, SHGBE15	213.32

DIFFERENTIAL VALVE



Part No.	Usage	Price
KSOLDR15	OLDR15	375.00
KSOLDR16	OLDR16	375.00
KSOLDR20	OLDR20	625.00
KSDDR20	DDR20	260.56
KSXTM	XTM	262.66
KSXTO	XTO	380.00

GASKET BOOK



Array of 36 different gaskets replaces most common gaskets used today in expansion and solenoid valves and pumps. This fine gasket material "Garlock" replaces old gaskets on Sporlan, Penn, Alco, Jackes/Evans, Parker, Mueller, Hamilt-on Pax, Henry and Primore.

Part No.	Description	Price
GB10	Finny's Gasket Book	28.10

REFRIGERANT/AMMONIA SOLENOID

MODULAR PILOT SOLENOID



- Adds electric shut off (S) or electric wide opening (B) or dual pressure capability (D - using A2D modular pilot) to A4A(Z) or valves fitted with Moduadaptor®
- Supplied less coil

Part No.	Description	Price
S6A	Modular Solenoid Pilot	Call

VALVES

REFRIGERANT/AMMONIA SOLENOID

SMALL PORT SOLENOID



- Heavy duty plated ductile iron solenoid suitable for ammonia and other common refrigerants
- S6N is ideal for pilot solenoid operation
- Supplied less coil
- Liquid capacity: R22 100°F condensing, 40°F evaporator, 2 psi ΔP
- Suction capacity: R22, 100°F liquid, 10°F superheat, 1 psi ΔP

Parker

Part No.	Port (in.)	Connection Size, FPT (In.)	Capacity (Tons) Liquid	Capacity (Tons) Suction	Comments	Price
S6N-3/16	3/16	—	2.6	.22	Direct Acting	Call
S8F-1/2	1/2	1/2*	12	.99	Pilot Operated	Call

(Call) Please contact your local Aireco branch for pricing.
*Flanges Included

MEDIUM PORT SOLENOID



- Medium port, flanged
- Semi steel body suitable for ammonia and other common refrigerants
- Supplied less coil
- Pilot operated, positive lift
- Order flange kits corresponding to mm port size
- Liquid capacity: R22, 100°F condensing, 40°F evaporator, 2 psi ΔP
- Suction capacity: R22, 100°F liquid, 10°F superheat, 1 psi ΔP

Parker

Part No.	Port Size (in.)	Capacity (Tons) Liquid	Capacity (Tons) Suction	Height (In.)	Price
S7A-3/4	3/4	35	2.9	11.1	Call
S7A1	1	43	3.7	11.1	Call

LARGE PORT SOLENOID



- Large port solenoid
- Pilot operated, flanged semi-steel body
- Order flange kits corresponding to mm port size
- Valve suitable for ammonia and other common refrigerants
- Supplied less coil
- Commonly recommended for suction line use
- Liquid capacity: R22, 100°F condensing, 40°F evaporator, 2 psi ΔP
- Suction capacity: R22, 100°F liquid, 10°F superheat, 1 psi ΔP

Parker

Part No.	Port Size (in.)	Capacity (Tons) Liquid	Capacity (Tons) Suction	Height (In.)	Price
S5A1-1/4	1-1/4	82	7	13.7	Call
S5A1-5/8	1-1/2	160	14	16.2	Call
S5A2	2	220	19	16.2	Call
S5A-2-1/2	2-1/2	350	30	17.2	Call

LARGE PORT SOLENOID



- Flanged, pilot operated, spring closing, large port
- Order flange kits corresponding to mm port size
- Solenoid valve: semi-steel body suitable for use with ammonia and other common refrigerants
- Most commonly used for conventional warm high pressure liquid, above -50°F and hot gas defrost below 220°F
- Liquid capacity: R22, 100°F condensing, 40°F evaporator, 2 psi ΔP
- Reclaim capacity: Condenser heat of rejection, 110°F condensing, 3.5 psi ΔP
- Supplied less coil

Parker

Part No.	Port Size (in.)	Capacity Liquid (Tons)	Capacity Reclaim (1000 BTU)	Overall Height (In.)	Price
S4A-3/4	3/4	44	130	14.8	Call
S4A1	1	61	170	14.8	Call
S4A1-1/4	1/4	110	320	15.5	Call
S4A1-5/8	1-5/8	140	550	17.4	Call
S4A2	2	210	880	17.4	Call
S4A2-1/2	2-1/2	300	1,200	18.4	Call

REFRIGERANT/AMMONIA REGULATOR

INLET PRESSURE



- Pilot operated characterized modulating plug for precise control
- Many control variations are possible
- Stainless steel diaphragm
- Chrome plated pilot seat
- Manual opening stem
- Opens on rise of inlet pressure
- Available as differential pressure regulator and remote pilot regulator (special order)
- Standard connections correspond to port size but are not included
- Capacities rated suction: R22, 40°F evaporator, 2 psi ΔP 100°F liquid, 10°F superheat
- Standard setpoint range: 0–150 psig
- Working pressure: 300 psig

Parker

Part No.	Port Size (In.)	Port Size (mm)	Capacity (Tons)	Price
A4A34	3/4	20	4.6	Call
A4A-1	1	25	6.4	Call
A4A114	1-1/4	32	11.0	Call
A4A158	1-5/8	40	21.0	Call
A4A2	2	50	32.0	Call

VALVES

REFRIGERANT/AMMONIA REGULATOR

ADAPTOMODE



A variation of the standard A4A inlet pressure with a module adapter enabling electric shut off (S) or wide opening (B), dual pressure (D), conversion to outlet regulator (O), pressure compensation(P) or temperature operation (T, OT).

- Capacities rated suction: R22, 40°F evaporator, 2 psi ΔP, 100°F liquid, 10°F superheat
- Standard connections correspond to port size but are not included
- Standard pressure range: 0–150 psig
- Maximum pressure: 300 psig
- Adapting modules sold separately

Parker

Part No.	Port Size (In.)	Port Size (mm)	Capacity (Tons)	Price
A4AZ-3/4	3/4	20	4.6	Call
A4AZ-1	1	25	6.4	Call
A4AZ-1-1/4	1-1/4	32	11.0	Call
A4AZ-1-5/8	1-5/8	40	21.0	Call
A4AZ-2	2	50	32.0	Call
A4AZ-2-1/2	2-1/2	65	45.0	Call
A4AZ-3	3	75	64.0	Call
A4AZ-4	4	100	86.0	Call

INLET REGULATOR



These are the most commonly used variations to the A4A inlet regulator. Use the A4AS to regulate when electrically energized, closed when deenergized, the A4AB to regulate when de-energized and open wide when energized, the A4AD to regulate at a lower pressure when energized and a higher pressure when deenergized, and the A4AK as a reseating relief regulator.

- Capacities similar to A4A
- Flanges not included
- Standard range: 0–150 psig

Parker

Part No.	Port Size (In.)	Port Size (mm)	Usage	Price
A4AB34*	3/4	20	Electric Wide Opening	Call
A4AS-1*	1	25	Electric Shut Off	Call
A4AD34*	1	20	Dual Pressure Regulator	Call
A4AD1*	3/4	25	Dual Pressure Regulator	Call
A4AK-3/4**S	1	20	Reseating Relief Regulator	Call

(Call) Please contact your local Aireco branch for pricing.
*Specify coil voltage, **Set at 70 psig

OUTLET PRESSURE



- Capacities similar to A4A
- Standard range: 20" Hg to 120 psig
- Flanges not included

Parker

Part No.	Port Size (In.)	Port Size (mm)	Price
A4AO-3/4	3/4	20	Call

INLET PRESSURE

Use A2B2, A2A as inlet pressure regulators for small systems. Use the A2B2 as a remote pilot regulator in conjunction with S6N pilot solenoid on an A4AR valve (to 2" port) to create the remote equivalent of an A4AS. Use A2BK-3/8 as a reseating relief regulator.

- Standard range: 0–150 psig
- Use FK13 flanges (not included)
- Capacities R22, +40°F evaporator, 2 psi ΔP, 86°F liquid

Parker

Part No.	Capacity (Tons)	Usage	Price
A2B2	.32	Inlet Pressure Pilot, 3/4 to 2" A4AR	Call
A2A	.96	Inlet Pressure Pilot, 3/4 to 2" A4AR	Call
A2B	.32	Inlet Pressure, 2 1/2 to 4" A4AR	Call

GAS POWERED SUCTION STOP



These are piston type, pressure powered, normally open, heavy duty spring return, cast iron valves normally used on low temperature applications to positively close suction lines and both liquid legs and gas returns on flooded evaporators. Nominal pressure drop on suction lines. Power close can overcome low temperature sticking caused by vicsous oil.

- Suction capacity: -10°F evaporator,-10°F liquid, R22, .25 psi ΔP, 7.2 Tons
- Gravity flood capacity: accepted industry practice concerning surge drum height and evaporator geometry: Liqud and Return, 1.3 Tons
- Use with S6N pilot solenoid
- Width includes flanges
- Flanges not included

Parker

Part No.	Port Size (mm)	Port Size (In.)	Height (In.)	Width (In.)	Price
CK2A-1-5/8	40	1-5/8	14.17	12.1	Call

STRAINER



These industrial type, semi-steel bodied refrigerant strainers with stainless steel screen are designed especially for the protection of R/S control valves from foreign materials present in refrigeration systems. The strainers may be close coupled to R/S valves having the same flange gasket size.

- Flanges not included, adapter ring not included
- Use with female adapter ring on outlet and FK flange

Parker

Part No.	Port Size (mm)	Port Size (In.)	Used On Valve Port Size (mm)	Width (In.)	Price
RSF-1/2	13	1/2	5, 13	5.56	Call
RSF	20	3/4	20, 25	7.63	Call
RSF1-1/4	32	1-1/4	32	11.28	Call
RSF1-5/8	50	2	40, 50	14.62	Call
RSF2-1/2	65	2-1/2	65	17.76	Call
RSF3	75	3	75	18.5	Call

REFRIGERANT/AMMONIA REGULATOR

CHECK VALVE



- Piston type spring loaded in line check valve
- Typically used on multibranched hot gas lines and liquid lines
- Temperature range: -25 to 220°F
- Maximum working pressure: 300 psig
- Connection: FPT inlet x FPT outlet

Parker

Part No.	Connection Size (In.)	Flow Coefficient (Cv)	Price
CK3-1/2	1/2	9.5	Call
CK3-3/4	3/4	10.5	Call
CK3-1	1	11.5	Call

CHECK VALVE



- A flanged in-line light spring loaded check valve typically used for liquid lines, high speed compressor discharge
- Applications: liquid flood back, maintain receiver pressure
- Liquid capacity: 110°F liquid, 20°F evaporator, R22, 3/4 psi ΔP
- Hot gas capacity: 90°F condensing, 20°F evaporator, R22, 3/4 psi ΔP
- Suction capacity: 110°F liquid, -15°F evaporator, R22, 3/4 psi ΔP
- Flanges not included; use kit corresponding to port size
- Length with FPT or SW flanges

Parker

	Port Size			Capacity (Tons)				
Part No.	(mm)	(In.)	Flow (Cv)	Liquid	Hot Gas Discharge	Suction	Length (In.)	Price
CK4A2	13	1/2	3.4	8.4	1.7	.73	2.47	Call
CK4A3	20	3/4	7.1	18.0	3.5	1.5	2.32	Call
CK4A4	25	1	13.0	32.0	6.4	2.8	2.32	Call
CK4A6	32	1-1/4	19.0	47.0	9.4	4.1	3.10	Call
CK4A8	50	2	46.0	114.0	23.0	9.8	4.47	Call
CK4A9	65	2-1/2	70.0	170.0	34.0	15.0	5.72	Call
CK4A0	75	3	112.0	280.0	55.0	24.0	6.16	Call

CHECK VALVE



- A flanged piston type, gravity closing check valve typically used for slow speed compressor discharge lines, liquid lines, suction lines to -25°F and side port applications on screw compressors
- Liquid capacity: 110°F liquid, 20°F evaporator, R22, .5 psi ΔP
- Hot gas capacity: 90°F condensing, 20°F evaporator, R22, .5 psi ΔP
- Suction capacity: -10°F liquid, -10°F evaporator, R22, .5 psi ΔP
- Horizontal only
- Width with FPT or SW flanges

Parker

	Port Size			Capacity (Tons)					
Part No.	(mm)	(In.)	Flow Coefficient (Cv)	Liquid	Hot Gas Discharge	Suction	Length (In.)	Height (In.)	Price
CK1-3/4	20	3/4	9.5	19	4.6	—	8.5	7.5	Call
CK1-1	25	1	10.0	20	4.8	—	8.5	7.5	Call
CK1-1-1/4	32	1-1/4	19.0	39	9.2	5.2	10.1	8.6	Call
CK1-2	50	2	51.0	100	25.0	14.0	12.1	10.6	Call
CK1-3	75	3	120.0	240	58.0	33.0	15.3	15.1	Call

VALVES

REFRIGERANT/AMMONIA REGULATOR

ADAPTER RING



- Use female adapter ring in flange unions and at the outlet of RSF
- Strainer installed separately with FK flange kits
- Use male adapter ring to close couple CK4A or CK1 check valves to the outlet of R/S control valves
- Each are furnished with (2) matching flange gaskets

Part No.	Fits Port Size (mm)	Gender	Price
FAR13	5, 13	Female	Call
FAR25	20, 25	Female	Call
FAR32	32	Female	Call
FAR50	40, 50	Female	Call
FAR65	65	Female	Call
FAR75	75	Female	Call
FAR100	100	Female	Call

Part No.	Fits Port Size (mm)	Gender	Price
MAR13	5, 13	Male	Call
MAR25	20, 25	Male	Call
MAR32	32	Male	Call
MAR50	40, 50	Male	Call
MAR65	65	Male	Call
MAR75	75	Male	Call
MAR100	100	Male	Call

RELIEF VALVE



- High capacity safety relief valve
- Should be used to protect each refrigeration system pressure vessel that can be isolated by valves
- With mounting flange
- Used with M Series manifolds

Part No.	Connection Size (In.) Inlet	Outlet	Pressure Setting (psig)	Capacity (Lb/Min) Air	Overall Height (In.)	Price
H2100	3/4	1	100	41	7.59	Call
H2250	3/4	1	250	96	7.59	Call
H2-300	3/4	1	300	114	7.59	Call
H3250	1	1-1/4	50	158	9.03	Call
H5300	1-1/4	2	300	469	11.65	Call

DUAL VALVE MANIFOLD



Used with dual safety relief valves to protect vessel when servicing valve or offering double valve protection.

Part No.	Inlet Connection Size (In.)	Use with Valve	Overall Length (In.)	Price
M2-3/4	3/4	H2	10.75	Call
M4	1-1/2	H4,H5	11.75	Call

LIQUID LEVEL CONTROLLER



- To provide liquid level control in flooded surge drums, flooded shell and tube chillers, and receivers
- Replace switch assembly without opening system
- Switch mechanism is interchangeable with current R/S float switches

Part No.	Description	Price
LLSS	Standard Control, Q/D Connector, Polycarbonate Cover	Call

ADAPTOMODE® MODULE



- Used to convert A4A valve to other variations

Part No.	Description	Price
MD25	Moduadapter for 3/4", 1" Port, A4A	Call
MD50	Moduadapter for 1 5/8", 2" Port, A4A	Call
MP	Blankoff or Pilot Crossover (S,B Variations)	Call
OR200	Outlet Regulator Conversion, 3/4" to 2" Port, A4A	Call
OR50	Outlet Regulator Conversion, 2 1/2" to 8" Port, A4A	Call

VALVES

FLO-CON REGULATOR

INLET PRESSURE



- Used typically as an evaporator pressure regulator, discharge pressure regulator, liquid drain regulator, or defrost relief regulator
- Opens on rise of inlet pressure
- Liquid drain capacity: 95°F condensing, 0°F evaporator, 3 psi ΔP, R404A
- Discharge capacity: 95°F condensing, 0°F evaporator, 180°F discharge, 3 psi ΔP, R404A, Range: 10" to 400 psig
- Suction capacity: 0°F evaporator, 3 psi ΔP, R404A, 100°F liquid, 10°F superheat

Parker

Part No.	Port Size (in.)	Connection Size, (ODS) (In.)	Capacity (Tons)			Price
			Liquid Drain	Discharge	Suction	
A8A-5/8	5/8	5/8	14.0	3.5	1.46	Call
A8A-7/8	7/8	7/8	19.7	4.9	2.08	Call
A8A-1-1/8	7/8	1-1/8	19.7	4.9	2.08	Call
A81-1-1/8	1-3/8	1-1/8	25.1	6.2	2.65	Call
A81-1-3/8	1-3/8	1-3/8	44.5	11.0	4.67	Call
A81-1-5/8	1-3/8	1-5/8	44.5	11.0	4.67	Call
A81-2-1/8	1-3/8	2-1/8	44.5	11.0	4.67	Call
A82-1-5/8	1-5/8	1-5/8	66.3	16.4	6.98	Call
A82-2-1/8	2-1/8	2-1/8	116.8	28.9	12.25	Call

OUTLET PRESSURE



- Opens on fall of outlet pressure
- Typically used as a crankcase pressure regulator, hot gas bypass regulator or receiver pressure regulator
- Condenser bypass capacity: 95°F condensing, 0°F evaporator, 180°F discharge, 10 psi ΔP R404A
- Range: 10" to 400 psig
- Hot gas bypass capacity: 110°F condensing, 180°F discharge R404A

Parker

Part No.	Port Size (in.)	Connection Size (In.)	Capacity (Tons)		Price
			Hot Gas Bypass	Condenser Bypass	
A810E-1-3/8	1-3/8	1-3/8	77.8	66.0	Call
A810E-1-5/8	1-3/8	1-5/8	77.8	66.0	Call
A820E-1-5/8	1 5/8	1-5/8	120.1	98.5	Call
A820E-2-1/8	2-1/8	2-1/8	203.4	173.2	Call
A820E-2-5/8	2-5/8	2-5/8	—	—	Call

DIFFERENTIAL PRESSURE



- Open when the pressure difference across the regulator is greater than the setpoint
- Typically used as a discharge pressure regulator or liquid feed regulator
- With electric wide opening feature
- Discharge capacity: 95°F condensing, 0°F evaporator, 180°F discharge, 3psi ΔP, R404A
- Range: 10" to 400 psig
- Supplied less coil

Parker

Part No.	Connection Size (In.)	Discharge Capacity (Tons)	Price
A81BL-1-1/8	1-1/8	6.2	Call
A81BL-1-3/8	1-3/8	11.0	Call
A82BL-1-5/8	1-5/8	16.4	Call
A82BL-2-1/8	2-1/8	28.9	Call

OUTLET PRESSURE



- Range: 10" to 120 psig
- Opens on fall of outlet pressure
- Typically used as hot gas bypass regulators
- Externally equalized
- Condenser bypass capacity: 95°F condensing, 0°F evaporator, 180°F discharge, 10 psi ΔP, R404A
- Hot gas bypass capacity: 110°F condensing, 180°F discharge
- A9SE electric shut off feature, supplied less coil

Parker

Part No.	Port Connection Size, ODS (In.)	Hot Gas Size (In.)	Capacity (Tons)		Price
			Hot Gas Bypass	Condenser Bypass	
A9E-5/8	5/8	5/8	5.7	5.5	Call
A9E-7/8	7/8	7/8	16.4	15.5	Call
A9E-1-1/8	1-1/8	1-1/8	26.5	21.9	Call
A9SE-5/8	5/8	5/8	5.7	5.5	Call
A9SE-7/8	7/8	7/8	16.4	15.5	Call
A9SE-1-1/8	1-1/8	1-1/8	26.5	21.9	Call

VALVES

FLO-CON REGULATOR

EVAPORATOR PRESSURE



- Designed specifically for evaporator pressure regulation
- Opens on rise of inlet pressure
- Suction capacity: 0°F evaporator, 1psi ΔP, R404A, 100°F liquid, 10°F superheat
- SPORTII features corrosion-resistant aluminum bronze bodies, electric shut off feature
- Range: 10" HG to 120 psi
- Coil voltage: 208/240/1/60 Vac

Part No.	Port Size (In.)	Connection Size ODS (In.)	Suction Capacity (Tons)	Price
SPORTII37	3/8	7/8	.34	Call
SPORTII39	3/8	1-1/8	.34	Call
SPORTII311	3/8	1-3/8	.34	Call
SPORTII57	5/8	7/8	.87	Call
SPORTII59	5/8	1-1/8	.87	Call
SPORTII511	5/8	1-3/8	.87	Call
SPORTII77	7/8	7/8	1.23	Call
SPORTII79	7/8	1-1/8	1.23	Call
SPORTII711	7/8	1-3/8	1.23	Call
SPORTII713	7/8	1-5/8	1.23	Call
SPORTII97	1-1/8	7/8	1.57	Call
SPORTII99	1-1/8	1-1/8	1.57	Call
SPORTII911	1-1/8	1-3/8	1.57	Call
SPORTII1111	1-3/8	1-3/8	2.78	Call
SPORT1111	1-3/8	1-3/8	2.78	Call
SPORT1113	1-3/8	1-5/8	2.78	Call
SPORT1313	1-5/8	1-5/8	4.14	Call
SPORT1713	2-1/8	1-5/8	4.14	Call

SECONDARY COOLANT SOLENOID

- For both medium and low temperature systems-ethylene propylene diaphragm and seals are compatible with secondary fluids
- Less maintenance and more dependability result from the NEMA 4 coils that protect against water, icing and vibration
- Pressure drop (loss) is minimized by the unique hung diaphragm construction, eliminating the need for a minimum pressure differential
- Quantity and quality of fluid flow is ensured by the large Cv rating that accurately matches fluid to flow characteristics
- Easily matches up to system piping. Valves are available in sizes 5/8" to 2 1/8" ODF, ensuring that a valve is available for every common line size

NORMALLY CLOSED



Part No.	Cv	MOPD (psi)	Connection Size ODS (In.)	Overall Length (In.)	Price
10E23C2-R1021E	4	0–150	5/8	5/8	Call
14E23C2-R1021E	5	0–150	7/8	7/8	Call
18E23C2-R1021E	5	0–150	1-1/8	1-1/8	Call
22EH5C2-R1021E	12.2	0–50	1-3/8	1-3/8	374.08
26EH5C2-R1021E	12.2	0–50	1-5/8	1-5/8	Call
34E24C2-R1021E	22.5	5–125	2-1/8	2-1/8	Call

NORMALLY OPEN

Part No.	Cv	MOPD (psi)	Connection Size ODS (In.)	Overall Length (In.)	Price
10E2302-R1021E	4	0–150	5/8	6.50	Call
14E2302-R1021E	5	0–150	7/8	8.75	Call
18E2302-R1021E	5	0–150	1-1/8	10.31	Call
34E2402-R1021E	22.5	5–125	2-1/8	11.06	Call

COIL



Part No.	Voltage	Wire Length (In.)	Price
CF4C01-R1021	24	18	Call
CF5C05R1021	120	18	Call
CF5C10-R1021	208	18	Call
CF5C15-R1021	240	18	Call
CF4E05-R1021	120	36	Call
CF4E10-R1021	208	36	Call

DRIERS

ACCESSORIES

FLANGE KIT, FPT



- Fits valve with appropriate port size
- Includes pair of flanges only

Part No.	Fits Port Size (mm)	Connection Size FPT (In.)	Price
FK13-1/4FPT	5, 13	1/4	Call
FK13-3/8FPT	5, 13	3/8	Call
FK13-1/2FPT	5, 13	1/2	Call
FK13-3/4FPT	5, 13	3/4	Call
FK25-3/4FPT	20, 25	3/4	Call
FK25-1FPT	20, 25	1	Call
FK25-114FPT	20, 25	1-1/4	Call
FK32-1-1/4FT	32	1-1/4	Call
FK32-1-1/2FT	32	1-1/2	Call
FK50-1-1/2FT	40, 50	1-1/2	Call
FK50-2FPT	40, 50	2	Call
FK75-3FPT	75	3	Call

FLANGE KIT, SWEAT



- Fits valve with appropriate port size
- Includes pair of flanges only
- Do not use with ammonia, copper stub

Part No.	Fits Port Size (mm)	Connection Size (In.)	Price
FK13-5/8OD	5, 13	5/8	Call
FK13-7/8OD	5, 13	7/8	Call
FK25-7/8OD	20, 25	7/8	Call
FK32-1-3/8OD	20, 25	1-3/8	Call

FLANGE KIT, SOCKET WELD



- Fits valve with appropriate port size
- Includes pair of flanges only

Part No.	Fits Port Size (mm)	Connection Size (In.)	Price
FK13-3/8SW	5, 13	3/8	Call
FK13-1/2SW	5, 13	1/2	Call
FK13-3/4SW	5, 13	3/4	Call
FK251SW	20, 25	1	Call
FK25-1-1/4SW	20, 25	1-1/4	Call
FK32-1-1/4SW	32	1-1/4	Call
FK32-1-1/2SW	32	1-1/2	Call
FK50-1-1/2SW	40, 50	1-1/2	Call
FK65-2-1/2SW	65	2-1/2	Call
FK75-3SW	75	3	Call

SOLENOID COIL



Part No.	Voltage (Vac)	Where Used	Price
202940	120	Flocon, A8, A9	Call
202942	208	Flocon, A8, A9	Call
202941	240	Flocon, A8, A9	Call
202944	24	Flocon, A8, A9	Call
206004	120	SPORT, SPORTII	72.00
206005	208/240	SPORT, SPORTII	73.32
206007	24	SPORT, SPORTII	Call

GASKET KIT



Part No.	Where Used	Price
202701	A8A, A81, SPORT 3 to 11	59.00
202420	A9	Call
202286	S7	Call
201632	S6N	808.00
202113	A4, S4	Call
202290	S9	Call

FLANGE GASKET

Replacement gaskets for valve flanges; flange kit (FK) sizes correspond to valve port size

Part No.	Flange Size (In.)	Usage	Price
202078	1/2	FK-13	Call
202079	3/4, 1	FK-25	Call
202080	1-1/4	FK-32	Call
202081	1-5/8, 2	FK-50	Call
202082	2-1/2	FK-65	Call
202083	3	FK-75	Call
202084	4	FK-100	0.75

DRIERS

ACCESSORIES

VALVE REPAIR KIT



Part No.	Where Used	Description	Price
202041	A4A 3/4	Regulator Repair Kit	Call
202044	A4A 1	Regulator Repair Kit	Call
202047	A4A 1-1/4	Regulator Repair Kit	Call
202064	S4A 3/4	Solenoid Repair Kit	Call
202065	S4A 1	Solenoid Repair Kit	Call
202066	S4A 1-1/4	Solenoid Repair Kit	Call
202067	S4A 1-5/8	Solenoid Repair Kit	Call
202072	S8F 1/2	Solenoid Repair Kit	Call
202073	S5A 1-1/4	Solenoid Repair Kit	Call
202074	S5A 1-5/8	Solenoid Repair Kit	Call

CARTRIDGE KIT



Part No.	Where Used	Price
202712	SPORT, A8, 3/8" Port	Call
202711	SPORT, A8, 5/8" Port	Call
202710	SPORT, A8, 7/8" Port	Call
202709	SPORT, A8, 1-1/8" Port	Call
202708	SPORT, A8, 1-3/8" Port	Call

SEALED

DRIER, ODS



- Standard drier, sweat connections

Part No.	Connection Size ODF (In.)	Desiccant Volume (Cu. In.)	Overall Length (In.)	Price
C307S	7/8	30	9.80	47.22
C309S	1-1/8	30	9.75	55.59
C414S	1/2	41	9.05	62.75
C415S	5/8	41	9.35	62.14
C417S	7/8	41	9.81	61.22
C419S	1-1/8	41	9.75	71.78
C607S	7/8	60	16.00	93.15
C609S	1-1/8	60	16.00	96.81
C032S	1/4	3	3.81	12.81
C033S	3/8	3	3.88	13.26
C052S	1/4	5	4.19	14.96
C0525S	5/16	5	4.38	18.22
C053S	3/8	5	4.31	14.96
C082S	1/4	8	5.12	19.44
C0825S	5/16	8	5.31	21.04
C083S	3/8	8	5.25	18.39
C084S	1/2	8	5.44	19.67
C162S	1/4	16	5.75	26.13
C1625S	5/16	16	5.94	26.61
C163S	3/8	16	5.88	23.59
C164S	1/2	16	6.00	25.76
C165S	5/8	16	6.31	27.31
C167S	7/8	16	6.93	31.72
C303S	3/8	30	8.88	43.78
C304S	1/2	30	9.00	42.17
C305S	5/8	30	9.25	42.17
C306S	3/4	30	9.65	52.00

DRIER, ODS



- C032CAP driers allow you to pinch down copper ends to capillary tubing size
- C032CAPT has an access port on the inlet side
- C052CAPTTHH has access port on both sides and high acid removal for cleanup after burnouts

Part No.	Connection Size ODF (In.)	Desiccant Volume (Cu. In.)	Overall Length (In.)	Price
C032CAP	1/4	3	5.81	16.91
C032CAPT	1/4	3	5.81	20.37
C052CAPTTHH	1/4	5	—	31.81

DRIERS

SEALED

DRIER, FLARE



- Connection: M flare x M flare

Part No.	Connection Size SAE (In.)	Desiccant Volume (Cu. In.)	Overall Length (In.)	Price
C032	1/4	3	4.19	12.81
C033	3/8	3	4.69	15.65
C052	1/4	5	4.75	15.11
C053	3/8	5	5.19	15.33
C082	1/4	8	5.62	18.85
C083	3/8	8	6.06	18.39
C084	1/2	8	6.31	21.05
C162	1/4	16	6.25	24.54
C163	3/8	16	6.75	23.59
C164	1/2	16	6.94	25.76
C165	5/8	16	7.25	27.58
C303	3/8	30	9.69	43.20
C304	1/2	30	9.88	42.17
C305	5/8	30	10.19	42.17
C413	3/8	41	9.56	64.89
C414	1/2	41	9.94	62.75
C415	5/8	41	10.25	62.14

DRIER, FLARE



- F: connection Male flare inlet x Female flare outlet
- FM: connection Female flare inlet x Male flare outlet

Part No.	Connection Size SAE (In.)	Desiccant Volume (Cu. In.)	Overall Length (In.)	Price
C032F	1/4	3	3.81	14.46
C052F	1/4	5	4.75	16.17
C053F	3/8	5	5.19	19.91
C032FM	1/4	3	3.81	17.35

DRIER-SIGHTGLASS, ODS



- Drier sightglass combination for installation convenience

Part No.	Connection Size ODF (In.)	Desiccant Volume (Cu. In.)	Price
CSG083S	3/8	8	47.44
CSG163S	3/8	16	53.99

CHARCOAL CORE DRIER, ODS



Charcoal style core for wax removal and cleanup after hermetic motor burnout.

Part No.	Connection Size ODF (In.)	Desiccant Volume (Cu. In.)	Overall Length (In.)	Price
C053SHH	3/8	5	4.31	19.12
C082SHH	1/4	8	5.12	22.42
C083SHH	3/8	8	5.25	22.20
C162SHH	1/4	16	5.75	27.54
C163SHH	3/8	16	5.88	26.85
C164SHH	1/2	16	6.00	30.50
C165SHH	5/8	16	6.31	32.33
C303SHH	3/8	30	8.88	57.12
C304SHH	1/2	30	9.00	54.43
C305SHH	5/8	30	9.25	53.89
C417SHH	7/8	41	9.81	76.22

CHARCOAL DRIER, FLARE



- Charcoal style core for wax removal and cleanup after hermetic motor burnout
- Will remove wax, resins and oil break-down products that normal desiccants will not remove

Part No.	Connection Size SAE (In.)	Desiccant Volume (Cu. In.)	Overall Length (In.)	Price
C052HH	1/4	5	4.75	20.75
C053HH	3/8	5	5.19	20.75
C082HH	1/4	8	5.62	23.53
C083HH	3/8	8	6.06	23.53
C162HH	1/4	16	6.25	29.27
C163HH	3/8	16	6.75	27.52
C164HH	1/2	16	6.94	32.33
C165HH	5/8	16	7.25	32.33
C303HH	3/8	30	9.69	57.12
C304HH	1/2	30	9.88	53.89
C305HH	5/8	30	10.19	53.89
C414HH	1/2	41	9.94	76.22
C415HH	5/8	41	10.25	76.22



THIS IS RELIABILITY

Catch-All®
Filter-Drier

Excellent filtration to protect compressor
Molded core for maximum water capacity
Superior acid removal abilities

The Catch-All's famous molded core ensures the efficiency and capacity of HVAC/R systems by capturing harmful contaminants and eliminating them. This reflects Parker's commitment to solving the world's greatest engineering challenges.

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DRIERS

SEALED

HEAT PUMP DRIER



These driers are designed for installation in the reversing liquid line. The HPC-160-HH Series uses a larger core which includes activated charcoal for maximum performance in removing all types of contaminants that might be found in hermetic motor burnout, or in a highly contaminated field system. While intended for use in the reversing liquid line, these driers can be used in the reversing gas line, providing the system size does not exceed one ton.

- A short overall length for easy installation
- Drier operates in either flow direction with low pressure drop
- Proven metal check valves used in construction—no synthetic materials
- Recommended tonnage for all: 1–5 tons

SPORLAN

Part No.	Connection (In.)		Desiccant Volume (Cu. In.)	Overall Length (In.)	Price
	Size	Type			
HPC103	3/8	Flare	10	6.75	34.77
HPC104	1/2	Flare	10	6.94	36.08
HPC103S	3/8	ODF	10	5.88	32.19
HPC104S	1/2	ODF	10	6.00	33.72
HPC163HH	3/8	Flare	14	7.78	47.95
HPC164HH	1/2	Flare	14	7.95	51.86
HPC165HH	5/8	Flare	14	8.28	53.64
HPC163SHH	3/8	ODF	14	6.92	47.24
HPC164SHH	1/2	ODF	14	7.07	48.02
HPC165SHH	5/8	ODF	14	7.35	50.13
HPC304SHH	1/2	ODF	30	10.18	73.83
HPC305SHH	5/8	ODF	30	10.42	74.04
HPC307SHH	7/8	ODF	30	11.02	75.52

SUCTION LINE FILTER DRIER



Basically the same construction as the liquid line drier but with an activated charcoal core for acid clean up and an access tap for checking pressure drop and charging the system.

SPORLAN

Part No.	Connection Size ODF (In.)	Desiccant Volume (Cu. In.)	Overall Length (In.)	Recommended Horsepower	Price
C083STHH	3/8	8	5.25	.75	28.57
C084STHH	1/2	8	5.44	1	28.57
C164STHH	1/2	16	6.00	2	38.43
C165STHH	5/8	16	6.31	2	39.24
C166STHH	3/4	16	6.75	2	41.50
C167STHH	7/8	16	6.93	3	41.09
C305STHH	5/8	30	9.25	3	67.28
C306STHH	3/4	30	9.65	3	65.11
C307STHH	7/8	30	9.80	5	63.52
C309STHH	1-1/8	30	9.75	5	69.61
C417STHH	7/8	41	9.81	5	85.13
C419STHH	1-1/8	41	9.75	7.5	88.87
C437STHH	7/8	48	10.34	7.5	148.02
C439STHH	1-1/8	48	10.74	7.5	140.54
C4311STHH	1-3/8	48	10.94	10	141.89
C4313STHH	1-5/8	48	10.94	10	148.39
C607STHH	7/8	60	16.00	5	125.69
C609STHH	1-1/8	60	16.00	5	129.17

COMPACT SUCTION FILTER DRIER



- Short overall length, suitable for cramped piping situations–shorter than other similar type filter-driers
- Has two access valves for measuring the pressure drop across the filter-drier core during the cleanup process
- Permits easy installation, even on systems with restricted space

SPORLAN

Part No.	Connection Size ODF (In.)	Desiccant Volume (Cu. In.)	Overall Length (In.)	Recommended Horsepower	Price
C145STTHH	5/8	14	4.38	3	49.07
C146STTHH	3/4	14	4.83	3	48.31
C147STTHH	7/8	14	4.97	5	48.96
C149STTHH	1-1/8	14	4.93	5	57.06

DRIERS

SEALED

SUCTION FILTER/SINGLE DIRECTION



- For suction line filtering only
- T suffix models have access tap

Part No.	Connection (In.) Size	Type	Filter Area (Sq.In)	Overall Length (In.)	Recommended Horsepower	Price
SF114	1/2	ODF	11	4.36	1	Call
SF114F	1/2	M Flare	11	5.25	1	Call
SF115	5/8	ODF	11	4.60	2	29.59
SF115F	5/8	M Flare	11	5.56	2	Call
SF6417T	2-1/8	ODF	388	10.94	55	204.31
SF6421T	2-5/8	ODF	388	10.94	60	227.31

SUCTIONAL FILTER/BI-DIRECTIONAL



When flow is in one direction, the bypass relief feature is active. If the pressure drop across the element becomes excessive, the bypass relief will open slightly to maintain sufficient gas flow and assure proper cooling of the hermetic motor. When the suction filter is installed with flow in the opposite direction, the bypass relief feature is inactive and will never open, regardless of the increase in pressure drop. The "T" suffix in the part number indicates that these models are equipped with an access valve to permit pressure drop readings. The access valve will be operational provided the suction filters are installed with the bypass feature inactive.

- SF283F is also used as an oil filter

Part No.	Connection (In.) Size	Type	Filter Area (Sq. In.)	Overall Length (In.)	Recommended Horsepower	Price
SF283F	3/8	M Flare	28	8.78	1	42.98
SF285FT	5/8	M Flare	28	8.34	4	49.98
SF285T	5/8	ODF	28	8.34	4	49.98
SF286T	3/4	ODF	28	8.79	5	53.21
SF287T	7/8	ODF	28	8.93	7.5	52.17
SF289T	1-1/8	ODF	28	9.51	7.5	56.31
SF489T	1-1/8	ODF	48	12.42	10	84.23
SF4811T	1-3/8	ODF	48	13.10	12	81.78
SF4813T	1-5/8	ODF	48	13.44	15	89.61

SHELL



- Copper fittings for fast easy soldering
- All internal parts are plated steel–no plastic parts

DRIER SHELL, ODF

- Suggested tonnage is for field replacement in air conditioning systems, R22, liquid line
- Permanent strainer screen

Part No.	Connection Size ODF (In.)	No Elements	Overall Length (In.)	Nominal ID (In.)	Suggested Tonnage R22	Price
C485G	5/8	1	9.15	4.75	10	202.92
C487G	7/8	1	9.30	4.75	15	206.98
C489G	1-1/8	1	9.50	4.75	20	217.23
C4811G	1-3/8	1	9.60	4.75	—	224.35
C4813G	1-5/8	1	9.60	4.75	—	237.81
C967G	7/8	2	14.84	4.75	25	241.24
C969G	1-1/8	2	15.04	4.75	35	241.24
C9611G	1-3/8	2	15.14	4.75	—	260.11
C9613G	1-5/8	2	15.14	4.75	—	273.69
C1449G	1-1/8	3	20.58	4.75	40	306.16
C14411G	1-3/8	3	20.68	4.75	50	303.16
C14413G	1-5/8	3	20.68	4.75	—	329.34
C19211G	1-3/8	4	26.22	4.75	70	346.18
C19213G	1-5/8	4	26.22	4.75	80	387.72
C19217G	2-1/8	4	26.22	4.75	85	502.87
C30013G	1-5/8	3	27.94	6.00	100	808.89
C30017G	2-1/8	3	28.06	6.00	—	899.98
C40017G	2-1/8	4	34.56	6.00	130	828.37
C40021G	2-5/8	4	34.75	6.00	—	1135.05
C40025G	3-1/8	4	34.44	6.00	—	1238.60
C40029G	3-5/8	4	34.81	6.00	—	1352.40
C40033G	4-1/8	4	35.12	6.00	—	1439.79

SUCTION SHELL, ODF

- Use with R*48* cores; capacity is for R22, air conditioning, 3 lb. pressure drop with cores used temporarily and replaced with filter
- Bidirectional if drier cores are not used but not in same application

Part No.	Connection Size FPT (In.)	No. Elements	Overall Length (In.)	Suggested Tonnage R22	Price
RSF487T	7/8	1	9.30	20	195.08
RSF489T	1-1/8	1	9.37	20	194.11
RSF4811T	1-3/8	1	9.60	25	201.45
RSF4813T	1-5/8	1	9.60	25	212.10
RSF4817T	2-1/8	1	9.37	30	238.48
RSF4821T	2-5/8	1	9.75	30	337.84
RSF9617T	2-1/8	2	14.96	40	306.97
RSF9621T	2-5/8	2	15.43	50	353.45
RSF9625T	3-1/8	2	15.12	50	427.19

DRIERS

SHELL

DRIER SHELL, FPT



- Pipe thread connections
- Use with R*48** cores
- Designed for ammonia systems
- Do not use RPE core for ammonia
- Nominal inside diameter: 4.75"

SPORLAN

Part No.	Connection Size FTP (In.)	No. Elements	Overall Length (In.)	Suggested Tonnage R717	Price
C484P	1/2	1	9.08	40	302.65
C966P	3/4	2	14.67	100	349.37
C1448P	1	3	20.42	150	431.44
C19212P	1-1/2	4	25.85	300	519.46

STRAINER

"Y" STRAINER



- Suitable for refrigerants, brine, water
- Brass body, stainless steel screen

SPORLAN

Part No.	Connection		Length (In.)	Height (In.)	Price
	Size (In.)	Type			
6022	1/4	FPT	2.25	2.06	66.50
6023	3/8	FPT	2.25	2.06	66.50
6034	1/2	FPT	2.5	2.5	4.10
6056	3/4	FPT	3.25	3.13	166.69
6088	1	FPT	4.13	3.88	208.65

"Y" STRAINER



- Maximum working pressure: 500 psi
- Temperature rating: -20°F to +200°F

HENRY TECHNOLOGIES

Part No.	Connection		Length (In.)	Price
	Size (In.)	Type		
89638PT	3/8	FPT	2.19	Call
896A-1/2S	1/2	ODS	3.38	Call

STRAINER, AMMONIA



Designed for large ammonia installations but suitable for refrigerants and other liquids where steel construction is desired. Bolt directly to inlet of MA32P3 solenoid valves.

- Supplied without flange

SPORLAN

Part No.	Length (In.)	Price
9008	7 9/16	31.18

STRAINER



- Maximum working pressure: 500 psi
- Temperature rating: -20°F to +300°F
- Straight through
- Steel construction
- Diameter: 2"
- Non cleanable

HENRY TECHNOLOGIES

Part No.	Connection		Length (In.)	Price
	Size (In.)	Type		
891S14	1/4	M Flare	4.50	Call
891S38	3/8	M Flare	5.00	Call
891S58S	5/8	ODS	4.56	Call

SPUN COPPER



- Stainless steel strainer
- Tonnage: R22 @ 125°F
- ODS connection

IRP International Refrigeration Products ANCHOR

Part No.	Connection Size (In.)	Recommended Tonnage	Comment	Price
SUD109	1/4	1/2	Bi-directional	2.74
SUD116	1/4, Stepped	1	—	5.14
SUD113	1/4	1	With Access Port	4.58
SUD111	1/4	1	With Access Port	6.26
SUD103	1/4	1/2	—	Call
SUD114	1/4	1	—	Call
SUD115	1/4	1/2	With Access Port	Call

SPUN COPPER



- Stainless steel mesh screen

Part No.	Size (In.)		Number Outlets	Length (In.)	Price
	Inlet	Outlet			
S-84	1/4	1/4	1	3	Call
S-86	3/8	3/8	1	3	26.62
S862D	3/8	.146	2	3	Call
S962T	3/8	.146	3	4	Call

SPUN COPPER



Sypco

Part No.	Size (In.)		Number Outlets	Length (In.)	Price
	Inlet	Outlet			
S210	1/4	0.098	1	2-3/4	5.50
S211	1/4	0.125	1	2-3/4	5.50
S212	1/4	1/4	1	2-3/4	7.32
S216	3/8	3/8	1	4-1/2	5.78
S218	3/8	0.125	1	4-1/2	5.78
S219	3/8	0.146	4	5	5.78

DRIERS

ACCESSORIES

CORE, 3 1/2" SHELL



- Standard activated core for CR42* Series shells

Part No.	Length (In.)	Diameter (In.)	Description	Price
RCW42	6.00	3.18	Standard 3.5"Core	29.10

CORE, 4 3/4" SHELL



- Cores fit many 48 cubic in. (or multiples thereof) shells
- Fit C48*G-C192*G, RSF48*- RSF96* shells
- 61715: 100 mesh screen for cores in RSF shells

Part No.	Length (In.)	Diameter (In.)	Description	Price
RC4864	5.5	3.74	Standard Activated Core	24.97
RC4864HH	5.5	3.74	Charcoal, Wax Removal, Acid Core	39.17
RCW48G	5.5	3.74	High Moisture, POE Oil Core	41.86
RPE48BD	5.5	3.74	Filter Element, Suction Line	28.26

CORE, 6" SHELL

Part No.	Length (In.)	Diameter (In.)	Description	Price
RC10098	6.47	4.80	Standard Activated Core	69.76
RC10098HH	6.47	4.80	Charcoal, Wax Removal, Acid	87.27
RCW100G	6.47	4.80	High Moisture, POE Oil Core	Call
RPE100	6.47	4.80	Filter Element, Suction Line	57.92

CORE



- Acid fighter – maximum acid reduction
- Charcoal filter fights wax buildup

Superior Refrigeration Products

Part No.	Fits Shell Model	Primary System	Description	Price
A25C	2CFA	Suction	Acid	Call
A35C	3CFA	Suction	Acid	Call
A45C	4CFA	Suction	Acid	Call
A55C	5CFA	Suction	Acid	Call
CD35	3CFA	Liquid	Charcoal	90.65
CD45	4CFA	Liquid	Charcoal	133.00
CD55	5CFA	Liquid	Charcoal	Call
DF25A	2CFA	Suction	Drier/Filter	77.90
DF35A	3CFA	Suction	Drier/Filter	74.55
DF45A	4CFA	Suction	Drier/Filter	117.55
DF55A	5CFA	Suction	Drier/Filter	150.97
F25A	2CFA	Suction	Filter	53.94
F35A	3CFA	Suction	Filter	51.62
F45A	4CFA	Suction	Filter	75.60
F55A	5CFA	Suction	Filter	98.19

CORE, 4 3/4" SHELL



- Interchangeable with all major manufacturer's cores
- 48 cu. in. volume

Superior Refrigeration Products

Part No.	Description	Price
FC48	Usage: Suction Filter Only	Call

SOCK FILTER



The new catch-all shell design accommodates an optional secondary filter for use in the liquid line. The filter within-a-filter concept allows the molded cores to remove the larger sized particles, while the secondary filter removes microscopic particles in circulation.

- Installed over the outlet plate assembly screen and inside the core(s)

Part No.	Use with Shell Series	Price
FS480	C48*	23.47
FS960	C96*	25.74
FS1440	C144*	36.66
FS1920	C192*	43.85

MOUNTING BRACKET



- For replaceable core type shell driers

Part No.	Diameter (In.)	Fits	Price
A1751	3.50	CR42* Series Shell	22.28
A685	4.75	C48* –C192*, RSF48*–RSF96*	21.84
A1752	6.00	C300**–C400** Series	89.53

MOISTER INDICATORS

MOISTURE INDICATOR

FLARE



- KSA4: replacement cylinder/indicator for current SA indicators

SPORLAN

Part No.	Connection		Overall Length (In.)	Price
	Size (In.)	Type		
SA12	1/4	M Flare x M Flare	2.87	19.88
SA13	3/8	M Flare x M Flare	3.37	19.45
SA14	1/2	M Flare x M Flare	3.81	23.99
SA15	5/8	M Flare x M Flare	4.13	24.82
SA12FM	1/4	F Flare x M Flare	2.56	19.50
SA13FM	3/8	F Flare x M Flare	2.97	19.74
SA14FM	1/2	F Flare x M Flare	3.44	23.76

FLARE SWIVEL



- Swivel connection: female SAE flare
- KSA4: replacement cylinder/indicator for current SA indicators

SPORLAN

Part No.	Connection		Overall Length (In.)	Price
	Size (In.)	Type		
SA13UU	3/8	F Swivel x F Swivel	3.95	29.63
SA14UU	1/2	F Swivel x F Swivel	4.50	35.74
SA15UU	5/8	F Swivel x F Swivel	4.75	39.65
SA13U	3/8	F Swivel x M Flare	3.64	26.93
SA14U	1/2	F Swivel x M Flare	4.13	33.19
SA15U	5/8	F Swivel x M Flare	4.44	32.41
SA13FU	3/8	F Swivel x F Flare	3.19	28.55
SA14FU	1/2	F Swivel x F Flare	3.75	34.19
SA13SU	3/8	F Swivel x ODF	4.19	28.55
SA14SU	1/2	F Swivel x ODF	4.62	34.19
SA15SU	5/8	F Swivel x ODF	4.89	34.35

ODS



- Combination sight glass moisture indicator with extended solder ends

SPORLAN

Part No.	Connection		Overall Length (In.)	Price
	Size (In.)	Type		
SA12S	1/4	ODF x ODF	4.62	18.93
SA13S	3/8	ODF x ODF	4.62	19.26
SA14S	1/2	ODF x ODF	4.87	23.52
SA15S	5/8	ODF x ODF	4.87	24.33
SA17S	7/8	ODF x ODF	6.31	35.93
SA19S	1-1/8	ODF x ODF	6.31	39.04
SA211	1-3/8	ODF x ODF	8.00	76.96
SA213	1-5/8	ODF x ODF	8.00	92.93
SA217	2-1/8	ODF x ODF	8.00	111.30

ACID TEST

ONE SHOT



The Test–All acid test kit consists of three bottles–two neutralizer and one indicator solution. The neutralizer solutions are labeled for specific oils. The solutions in the kit are stable, but are sensitive to light and heat. CAUTION This kit should not be used on systems which have used an oil additive leak detector. The additives can interfere with the color change point of the acid test kit.

SPORLAN

Part No.	Description	Price
TA-1	All Oil Test Kit	17.79

QWIKCHECK®/QWIKINJECTOR™



QwikCheck®

Perform a QWIK acid test on operating systems. Ideal for preventative maintenance checks or for verifying proper acid clean-up after a compressor burn-out change-out.

- Tests to ARI-700 limit of 1 PPM in 5 seconds, meets EPA venting rules
- Works with all refrigerants and Oils
- Throw-Away Design
- Available in 1/2 or 4 oz vessels.
- Tested & Approved for R410A.

QwikInjector™

- Used to inject QwikShot or any other liquid additive into operating systems with a standard gauge set

MAINSTREAM ENGINEERING

Part No.	Description	Price
QT2000	QwikCheck® Acid Test	10.00

PHASE III® REFRIGERATION OIL ACID TEST KIT



Formulated for use on POE's as well as mineral oils and alkylbenzene. A disposable test kit that provides proofpositive that acid level in refrigeration oil is safe or unsafe. Phase separation makes it easy to see change in color of acid indicator (even if a leak detection dye has been added to the oil). Just two bottles to work with. It is a simple, safe, accurate and small enough so you can carry several in your tool box.

Nu-Calgon

Part No.	Description	Price
4320W8	Phase III® Refrigeration Oil Acid Test Kit	25.98

MOISTER INDICATORS

REFRIGERANT BALL VALVE

LESS ACCESS PORT



- Full refrigeration service temperature range of -40°F to +300°F
- Design working pressure: 700 psig
- Robust brass body and cap design

Part No.	Connection Size ODS (In.)	Flow Capacity (Cv)	Port Size (In.)	Overall Length (In.)	Ship Wgt. (Lbs.)	Price
14BV	1/4	2.2	0.50	5.50	0.92	29.94
38BV	3/8	4.4	0.50	5.50	0.93	Call
12BV	1/2	7.2	0.50	6.33	0.96	Call
58BV	5/8	14.3	0.50	6.33	0.96	Call
34BV	3/4	20.6	0.75	7.32	1.69	Call
78BV	7/8	29.7	0.75	7.32	1.69	Call
118BV	1-1/8	60.0	1.0	9.1	2.48	Call
138BV	1-3/8	83.5	1.25	9.66	3.61	Call
158BV	1-5/8	206.0	1.50	11.0	5.43	Call
218BV	2-1/8	279.0	2.0	11.75	10.9	Call
258BV	2-5/8	292.6	2.0	11.75	11.35	Call
258BVFP*	2-5/8	340.0	N/A	12.92	15	Call
318BV	3-1/8	316.0	2.50	14.68	20.51	Call
318BVFP*	3-1/8	480.0	N/A	16.31	25	Call

*Full port

WITH ACCESS PORT



- Full refrigeration service temperature range of -40°F to +300°F
- Design working pressure: 700 psig
- Robust brass body and cap design
- 1/4" M flare access fitting

Part No.	Connection Size ODS (In.)	Flow Capacity (Cv)	Port Size (In.)	Overall Length (In.)	Ship Wgt. (Lbs.)	Price
14BVT	1/4	2.2	0.50	5.5	0.92	37.20
38BVT	3/8	4.4	0.50	5.5	0.93	Call
12BVT	1/2	7.2	0.50	6.33	0.95	Call
58BVT	5/8	14.3	0.50	6.33	0.96	Call
34BVT	3/4	20.6	0.75	7.32	0.96	Call
78BVT	7/8	29.7	0.75	7.32	1.69	Call
118BVT	1-1/8	60.0	1.0	9.1	2.48	Call
138BVT	1-3/8	83.5	1.25	9.66	3.61	Call
158BVT	1-5/8	206.0	1.50	11.0	5.43	Call
218BVT	2-1/8	279.0	2.0	11.75	10.9	Call
258BVT	2-5/8	292.6	2.0	11.75	11.36	Call

SHUTOFF VALVES

DIAPHRAGM PACKLESS VALVE

All diaphragm packless valves contain metal diaphragms and backseat metal to metal when the valve is fully open.
All OD solder connections for valves 7/8" and smaller are machined to an outside diameter equivalent to the next largest standard size of tubing.
Superior diaphragm packless valves can be soldered into the line without disassembly.

- Any Superior/Sherwood packless diaphragm valve marked 500 psi has been approved for R410A applications and use to 700 psi working pressure
- Working temperature: -40 to 275°F
- UL listed

CONNECTION SAE X SAE



- "Tuffy" standard packless diaphragm valve
- M flare connection

Superior Refrigeration Products

Part No.	Connection (In.)	Overall Length (In.)	Price
2144	1/4	2.75	38.60
2146	3/8	2.75	44.11
2158	1/2	3.63	63.40
21610	5/8	3.88	59.47

CONNECTION ODS X ODS



- "Tuffy" standard packless diaphragm valve

Superior Refrigeration Products

Part No.	Connection (In.)	Overall Length (In.)	Price
2144S	1/4	2.75	46.40
2146S	3/8	2.75	45.16
2158S	1/2	3.63	55.14
21610S	5/8	3.88	60.66
21714S	7/8	—	142.80

CONNECTION ODS X ODS, EXTENDED



- "Tuffy" packless diaphragm valve with copper tube extensions

Superior Refrigeration Products

Part No.	Connection (In.)	Overall Length (In.)	Price
2144ST	1/4	6	Call
2146ST	3/8	5.88	46.20
2158ST	1/2	6.63	61.76
21610ST	5/8	7.38	67.91

SHUTOFF VALVES

DIAPHRAGM PACKLESS VALVE

CONNECTION SAE X MPT, ANGLE



- "Tuffy" angle packless diaphragm valve
- M flare outlet

Superior Refrigeration Products

Part No.	Connection (In.) Inlet MPT	Outlet SAE	Overall Height (In.)	Price
1144B	1/4	1/4	2.78	Call
1146B	3/8	1/4	2.78	Call

CONNECTION ODS X ODS, ANGLE



- "Tuffy" angle packless diaphragm valve

Superior Refrigeration Products

Part No.	Connection (In.)	Overall Height (In.)	Price
1158S	1/2	3.375	Call

CONNECTION ODS X SAE



- "Tuffy" purge and drain valve
- Includes chained seal cap
- M flare outlet

Superior Refrigeration Products

Part No.	Connection (In.)	Overall Length (In.)	Price
234A4	1/4	2.75	88.23
234A6	3/8	2.75	Call

CONNECTION ODS X ODS



- "Tuffy" charging valve

Superior Refrigeration Products

Part No.	Connection (In.)	Overall Length (In.)	Price
214X74S	1/4	2.75	Call

CONNECTION ODS X ODS



- Recommended for applications and service pressures up to 500 psi
- Temperature rating: -20°F to 275°F
- Cored brass forging
- Golden bantam®
- Foot mounting plate

HENRY TECHNOLOGIES

Part No.	Connection (In.)	Overall Length (In.)	Price
5141	1/4	3.25	12.50
5163	3/8	—	201.98
5145	5/8	4.13	16.39

CONNECTION ODS X ODS



Nondirectional up to 350 psi. For higher pressures up to 500 psi, direction of flow must be with the inlet under the valve seat.

- Maximum temperature rating: 275°F
- Foot mounting plate

HENRY TECHNOLOGIES

Part No.	Connection (In.)	Overall Length (In.)	Price
6261N	1/4	2.63	Call
6263N	3/8	2.63	125.41
6264N	1/2	3.13	Call
6265N	5/8	3.50	Call
6266N	3/4	4.38	Call
6267N	7/8	4.81	Call
6268N	1-1/8	6.00	Call

CONNECTION ODS X ODS, ANGLE



Nondirectional up to 350 psi. For higher pressures up to 500 psi, direction of flow must be with the inlet under the valve seat.

- Maximum temperature rating: 275°F

HENRY TECHNOLOGIES

Part No.	Connection (In.)	Overall Height (In.)	Price
6471N	1/4	3.44	Call
6473N	3/8	3.44	Call
6474N	1/2	3.50	Call
6475N	5/8	3.81	Call
6477N	7/8	5.38	Call
6478N	1-1/8	6.50	Call

CONNECTION ODS X ODS



- Hand expansion valve
- Maximum temperature rating: 275°F
- Maximum working pressure: 500 psi

HENRY TECHNOLOGIES

Part No.	Connection (In.)	Overall Length (In.)	Overall Height (In.)	Price
6293N	3/8	2.63	3.38	Call
6294N	1/2	2.63	3.38	Call
6295N	5/8	3.38	3.56	Call

CONNECTION ODS X SAE



- Charge and purge valve
- Straight, hand wheel
- With protective outlet cover, backseating
- M flare outlet

HENRY TECHNOLOGIES

Part No.	Connection (In.) ODS x SAE	Overall Height Valve Open (In.)	Price
6231N	1/4	3.38	Call
6232N	3/8	3.38	Call
6233N	1/2	3.56	Call

SHUTOFF VALVES

PACKED GLOBE VALVE

The LPD angle valves are forged brass construction, seats are Teflon, and parts are interchangeable with comparable sizes of LPD globe line valves.

- Any Superior/Sherwood packed globe valve marked 500 psi has been approved for R410A applications and 700 psi working pressure
- Max temperature: 400°F Min temperature: -40°F

CONNECTION ODS X ODS, STRAIGHT



Superior Refrigeration Products

Part No.	Connection (In.)	Overall Height (In.)	Price
290C14S	7/8	5.25	297.33
291C11S	1-1/8	5.25	297.33
292C13S	1-3/8	7.06	419.07
293C15S	1-5/8	7.06	425.36
294C21S	2-1/8	8	567.63
295C25S	2-5/8	10	Call

CONNECTION ODS X ODS



- Seal cap globe valve
- Maximum temperature rating: 325°F

HENRY TECHNOLOGIES

Part No.	Connection (In.)	Overall Length (In.)	Overall Height (In.)	Price
2030A	7/8	4.25	6.12	226.96
2030B	1-1/8	4.88	6.54	Call
2031	1-3/8	5.38	8.75	368.07
2032	1-5/8	6.50	9.94	425.36
2033	2-1/8	8.50	10.63	Call
2034	2-5/8	11.00	11.94	Call
2035	3-1/8	12.00	13.25	Call

CONNECTION ODS X ODS, ANGLE



Superior Refrigeration Products

Part No.	Connection (In.)	Overall Height (In.)	Price
190C14S	7/8	5.56	Call
191C11S	1-1/8	5.56	Call
192C13S	1-3/8	7.34	Call

PACKED ANGLE VALVE

Packed line valves are designed for a multitude of uses in refrigeration systems.
All packed angle valves are provided with a brass seal cap.

- Any Superior/Sherwood packed angle valve marked 500 psi has been approved for R410A applications and 700 psi working pressure

CONNECTION MPT X SAE



- M flare outlet

Superior Refrigeration Products

Part No.	Connection (In.)		Overall Height (In.)	Price
	Bottom Inlet MPT, ODF	Side Outlet SAE		
600A4B	1/4	1/4	3.13	23.38
600A4C	3/8	1/4	3.13	27.78
600A6B	1/4	3/8	3.13	27.78
600A6C	3/8	3/8	3.13	27.78

CONNECTION MPT X SAE



- Receiver valve
- M flare outlet

Superior Refrigeration Products

Part No.	Connection (In.)		Overall Height (In.)	Price
	Bottom Inlet MPT, ODF	Side Outlet SAE		
6056D	1/2	3/8	3.66	45.88
6058C	3/8	1/2	3.66	44.51
6058D	1/2	1/2	3.66	45.88
606B10D	1/2	5/8	4.38	55.14

CONNECTION MPT X ODS



- Receiver valve

Superior Refrigeration Products

Part No.	Connection (In.)		Overall Height (In.)	Price
	Bottom Inlet MPT, ODF	Side Outlet ODS		
60510S	1/2	5/8	3.97	75.68

SHUTOFF VALVES

PACKED ANGLE VALVE

CONNECTION ODS X SAE



The 617A Series charging and purging valves are designed to be installed on the branch or run of a solder-type tee.

Superior Refrigeration Products

Part No.	Connection (In.)		Overall Height (In.)	Price
	Bottom Inlet ODS	Side Outlet SAE		
617A4S4	1/4	1/4	3.13	Call
617A6S4	3/8	1/4	3.13	35.29
617A6S6	3/8	3/8	3.13	35.29
617A8S4	1/2	1/4	3.13	Call
617A8S6	1/2	3/8	3.13	Call
617A10S4	5/8	1/4	3.13	Call
617A10S6	5/8	3/8	3.13	Call

CONNECTION FPT X MPT X SAE



The 600AX7–JB is designed for use with transducers and offers connections to monitor and verify transducer readings and pressures for the refrigeration rack industry.

- 1/8" FPT female side connection for transducer fitting used to monitor pressure
- 1/4" SAE flare side connection with Schrader core for manual pressure check with gauge to verify transducer readings

Superior Refrigeration Products

Part No.	Connection (In.)			Overall Height (In.)	Price
	Bottom Inlet MPT/ODS	Side Outlet FPT	Side Outlet SAE		
600AX7JB	1/4	1/8	1/4	3.59	Call

CONNECTION SAE, M X F



The 600A–6U6 oil leveler valve offers a 3/8" SAE flare swivel for mounting on the oil leveler and a 3/8" SAE side outlet for oil line connection. The 600A–4U4 SORIT or EPR pilot isolation valve uses the same type of connections and is designed for an inlet connection to the EPR or SORIT valve, and the outlet to connect to the pilot line of the suction header.

- Female flare swivel inlet x male flare outlet

Superior Refrigeration Products

Part No.	Connection (In.)		Overall Height (In.)	Price
	Bottom Inlet Female SAE	Side Outlet Male SAE		
600B4U4	1/4	1/4	4.47	32.44

CONNECTION ODM/ODS X SAE



- Charge and purge valve
- Non-backseating with protective outlet cover
- M flare side connection

HENRY TECHNOLOGIES

Part No.	Connection (In.)		Overall Height (In.)	Price
	Bottom ODS	Side SAE		
9270	1/4	1/4	3.66	Call
9271	3/8	1/4	3.66	Call
9272	3/8	3/8	3.66	42.92
9273	1/2	1/4	3.66	Call
9274	1/2	3/8	3.66	Call

CONNECTION MPT X SAE



- Forged brass body
- Maximum temperature rating: 300°F
- Maximum working pressure: 500 psi
- Non-backseating
- M flare outlet

HENRY TECHNOLOGIES

Part No.	Connection (In.)		Overall Height (In.)	Price
	Bottom MPT	Side SAE		
7761B	1/4	1/4	3.50	Call
7763B	1/4	3/8	3.66	28.36
7764B	3/8	1/4	3.66	Call
7767B	3/8	1/2	3.81	Call
7768B	1/2	5/8	4.56	80.98

CONNECTION MPT X FPT



- Forged brass body
- Maximum temperature rating: 300°F
- Maximum working pressure: 500 psi

HENRY TECHNOLOGIES

Part No.	Connection (In.)		Overall Height (In.)	Price
	Bottom MPT	Side FPT		
7771B	1/4	1/4	3.66	Call

CONNECTION MPT X SAE



- 1/4 m flare access port
- Maximum temperature rating: 300°F
- Maximum working pressure: 500 psi
- Backseating
- M flare outlet

HENRY TECHNOLOGIES

Part No.	Connection (In.)		Overall Height (In.)	Price
	Bottom MPT	Side SAE		
7793B	1/2	5/8	4.88	Call

SHUTOFF VALVES

CONNECTION ODS X ODS



- Forged brass body
- Maximum temperature rating: 300°F
- Maximum working pressure: 500 psi
- Angle, seal cap
- Connection: ODS x ODS
- Backseating
- 1/4 M flare access port above backseat

HENRY TECHNOLOGIES

Part No.	Connection (In.)	Overall Height (In.)	Price
7831	1/2	4.47	Call
7832	5/8	4.58	113.08
7833	7/8	5.44	113.08
7834	1-1/8	7.10	115.39
7835	1-3/8	7.42	Call
7836	1-5/8	9.14	Call

PACKED SEAL CAP VALVE

CONNECTION ODS X ODS



- Forged brass body
- Maximum temperature rating: -20°F to 300°F
- Maximum working pressure: 500 psi
- Foot mounting plate

HENRY TECHNOLOGIES

Part No.	Connection (In.)	Overall Length (In.)	Overall Height (In.)	Price
9261	1/4	2.69	4.35	Call
9263	3/8	3.00	4.35	121.20
9264	1/2	3.19	4.35	Call
9265	5/8	3.38	4.35	Call

SWIVEL ANGLE VALVE

CONNECTION SAE X SAE



- Swivel valve
- Connection: M flare x F flare

HENRY TECHNOLOGIES

Part No.	Connection (In.)	Overall Height (In.)	Price
9240	1/4	4.13	0.95
9241	3/8	4.13	0.97

VALVES

PRESSURE RELIEF VALVE

These valves have been designed, constructed and rated in accordance with ANSI/ASHRAE 15 Standard Safety Code for MechanicalRefrigeration and the Canadian Standards Association. Each valve is stamped U.V./N.B. to indicate national board certifications as to capacities.
These "A" Series pressure relief valves are all Teflon seated, permitting their use in applications of either high or low temperatures.

- Brass body, Teflon seat
- Minimum temperature: -40°F
- Stainless steel spring
- Maximum temperature: 325°F

IMPORTANT

A pressure relief valve is installed in a refrigeration system primarily to protect the receiver. Since it is not intended to be an overload or high pressure cutout, we recommend that the pressure relief valve be set at the working pressure marked on the receiver.

CONNECTION MPT X SAE



Superior Refrigeration Products

Part No.	Connection		Pressure Setting (psi)	Overall Length (In.)	Port Diameter (In.)	Price
	Inlet (In.) MPT	Outlet SAE				
3012250	1/4	3/8	250	2.98	3/16	Call
3012300	1/4	3/8	300	2.98	3/16	73.54
3012350	1/4	3/8	350	2.98	3/16	73.54
3012400	1/4	3/8	400	2.98	3/16	73.54
3012425	1/4	3/8	425	2.98	3/16	Call
3012450	1/4	3/8	450	2.98	3/16	Call
3014235	3/8	3/8	235	2.98	3/16	73.54
3014300	3/8	3/8	300	2.98	3/16	73.54
3014350	3/8	3/8	350	2.98	3/16	73.54
3014400	3/8	3/8	400	2.98	3/16	73.54
3014425	3/8	3/8	425	2.98	3/16	Call
3014450	3/8	3/8	450	2.98	3/16	73.54
3015235	3/8	1/2	235	3.11	3/16	86.58
3015300	3/8	1/2	300	3.11	3/16	Call
3015350	3/8	1/2	350	3.11	3/16	Call
3015400	3/8	1/2	400	3.11	3/16	Call
3015425	3/8	1/2	425	3.11	3/16	Call
3020235	1/2	5/8	235	3.50	9/32	Call
3020300	1/2	5/8	300	3.50	9/32	88.95
3020350	1/2	5/8	350	3.50	9/32	88.95
3020400	1/2	5/8	400	3.50	9/32	88.95
3020425	1/2	5/8	425	3.50	9/32	Call
3020450	1/2	5/8	450	3.50	9/32	88.95

VALVES

PRESSURE RELIEF VALVE

CONNECTION MPT X SAE, 90°



Superior Refrigeration Products

Part No.	Connection		Pressure Setting (psig)	Overall Length[1] (In.)	Port Diameter (In.)	Price
	Inlet (In.) MPT	Outlet SAE				
3212235	1/4	3/8	235	2.92	3/16	Call
3212300	1/4	3/8	300	2.92	3/16	Call
3212350	1/4	3/8	350	2.92	3/16	Call
3214235	3/8	3/8	235	2.92	3/16	Call
3214300	3/8	3/8	300	2.92	3/16	Call
3214350	3/8	3/8	350	2.92	3/16	Call
3214400	3/8	3/8	400	2.92	3/16	Call
3214425	3/8	3/8	425	2.92	3/16	Call
3214450	3/8	3/8	450	2.92	3/16	Call
3220300	1/2	5/8	300	2.84	9/32	Call
3220350	1/2	5/8	350	2.84	9/32	69.87
3220400	1/2	5/8	400	2.84	9/32	Call
3220425	1/2	5/8	425	2.84	9/32	Call
3220450	1/2	5/8	450	2.84	9/32	Call

[1]To center of flare fitting

CONNECTION MPT



- To atmosphere

Superior Refrigeration Products

Part No.	Connection (In.)	Pressure Setting (psi)	Overall Length (In.)	Price
3001300	1/4	300	2.30	Call
3001350	1/4	350	2.30	Call
3001425	1/4	425	2.30	Call

CONNECTION MPT X FPT



Superior Refrigeration Products

Part No.	Connection		Pressure Setting (psi)	Overall Length (In.)	Price
	Inlet (In.) MPT	Outlet FPT			
3045300	3/4	3/4	300	4	Call
3045350	3/4	3/4	350	4	Call
3045400	3/4	3/4	400	4	Call
3045425	3/4	3/4	425	4	Call
3045450	3/4	3/4	450	4	Call
3075400	1-1/4	1-1/4	400	5.13	Call

PRESSURE RELIEF VALVE

Valves are stamped with A.S.M.E. UV symbol and NB to indicate national board certification as to capacities. Whenever conditions permit, it is advisable to have the relief valve pressure setting (which must not exceed the design working pressure for the vessel) at least 25% higher than the normal maximum operating pressure for the refrigerant used.

- Temperature rating: -40°F to 225°F

CONNECTION MPT X SAE



- Straight through valve

HENRY TECHNOLOGIES

Part No.	Connection (In.)		Pressure Setting (psig)	Overall Length (In.)	Price
	Inlet MPT	Outlet SAE			
5230235	1/4	3/8	235	3.16	Call
5230375	1/4	3/8	375	3.16	Call
5231235	3/8	3/8	235	3.16	Call
5231A235	3/8	1/2	235	3.28	Call
5231A300	3/8	1/2	300	3.28	Call
5231A350	3/8	1/2	350	3.28	Call
5231A400	3/8	1/2	400	3.28	Call
5231A450	3/8	1/2	450	3.28	Call
5232235	1/2	5/8	235	3.94	Call

CONNECTION MPT X FPT



- Straight through valve

HENRY TECHNOLOGIES

Part No.	Connection		Pressure Setting (psi)	Overall Length (In.)	Price
	Inlet (In.) MPT	Outlet FPT			
3045300	3/4	3/4	300	4	Call
3045350	3/4	3/4	350	4	Call
3045400	3/4	3/4	400	4	Call
3045450	3/4	3/4	450	4	Call
3075400	1-1/4	1-1/4	400	5.13	Call

CONNECTION MPT X SAE, 90°



- Angle valve
- M flare outlet

HENRY TECHNOLOGIES

Part No.	Connection (In.)		Pressure Setting (psig)	Overall Length (In.)	Price
	Inlet MPT	Outlet SAE			
526E235	3/8	3/8	235	3.46	Call
526300	3/8	3/8	300	3.46	Call
526E350	3/8	3/8	350	3.46	Call
526E400	3/8	3/8	400	3.46	Call
526E450	3/8	3/8	450	3.46	Call
527E235	1/2	5/8	235	4.36	Call
527E300	1/2	5/8	300	4.36	Call
527E425	1/2	5/8	425	4.36	Call

VALVES

DUAL SHUT OFF

CONNECTION FPT



For dual relief valves and drier bypass installations or applications requiring simultaneous opening of one line and closing of another.

- Maximum working pressure: 450 psi
- Temperature rating: -20°F to 300°F

HENRY TECHNOLOGIES

Part No.	Connection FPT (In.)	Overall Length (In.)	Price
925	1/2	6.26	138.47
927	3/4	6.48	138.47

CONNECTION FPT



For dual relief valves and drier bypass installations or applications requiring simultaneous opening of one line and closing of another.

- Maximum working pressure: 700 psi
- Temperature rating: -40°F to 325°F

HENRY TECHNOLOGIES

Part No.	Connection FPT (In.)	Overall Length (In.)	Price
3155WD	1/2	5.69	Call
3155WE	3/4	6.31	Call
3155WF	1	7.26	Call

RUPTURE DISC ASSEMBLY

CONNECTION MPT X FPT



- Use in conjunction with relief valves
- Usage in accordance with ASME code, section VIII, div. 1
- Pressure setting at 72°F
- Overall length: 3.25"

HENRY TECHNOLOGIES

Part No.	Connection (In.)	Pressure Setting (psig)	Construction	Price
5525350	3/8	350	Brass	Call
5525400	3/8	400	Brass	Call
5525450	3/8	450	Brass	Call
5526235	1/2	235	Brass	Call
5526300	1/2	300	Brass	Call
5627300	3/4	300	Stainless Steel	Call
5627350	3/4	350	Stainless Steel	Call
5627400	3/4	400	Stainless Steel	Call
5627450	3/4	450	Stainless Steel	Call
5628250	1	250	Stainless Steel	Call
5628300	1	300	Stainless Steel	Call
5629300	1-1/4	300	Stainless Steel	Call

CONNECTION MPT X FPT



Rupture Disc assemblies are designed to burst open and relieve an over pressure or vacuum condition at a predetermined dif ferential pressure, and specific temperature. A rupture disc indicates which pressure relief valve has discharged. A rupture disc remains open after bursting, but when combined with a pressure gauge or high pressure switch, a visual or electronic indication of the burst is revealed.

MUELLER INDUSTRIES

Part No.	Connection (In.)	Pressure Setting (psig)	Construction	Price
AG17971	1/2	350	Brass	Call
AH17971	1/2	400	Brass	Call
AJ17971	1/2	450	Brass	Call

GLOBE CHECK VALVE

CONNECTION ODS X ODS



- Forged brass, Teflon seat
- Temperature to 400°F
- Install any position except upside down
- Any Superior/Sherwood globe check valve marked 500 psi has been approved for R410A applications and 700 psi working pressure

Superior Refrigeration Products

Part No.	Connection ODS (In.)	Overall Length (In.)	Price
805C14S	7/8	3.69	Call
806C11S	1-1/8	3.69	140.56
807C13S	1-3/8	4.75	221.65
808C15S	1-5/8	4.75	243.95
809C21S	2-1/8	8.88	432.48
884C25S	2-5/8	8.88	1530.00

VALVES

CHECK VALVE

"Y" CHECK VALVE

This "Y" type of valve has been the most popular design in the refrigeration industry for years. The internal parts can easily be removed and reassembled after soldering. This basic "Y" type design reduces pressure drop to a very low level. All Superior check valves have Teflon seats. These valves may be installed in any position except upside down.

- Brass body, Teflon seat
- Minimum temperature: -40°F
- Maximum temperature: 400°F
- Any Superior/Sherwood "Y" check valve marked 500 psi has been approved for R410A applications and 700 psi working pressure

CONNECTION SAE X SAE



- M flare connection

Superior Refrigeration Products

Part No.	Connection (In.)	Overall Length (In.)	Price
802B4	1/4	3.00	Call
802B6	3/8	3.00	Call
802B8	1/2	3.00	57.62

CONNECTION ODS X ODS



Superior Refrigeration Products

Part No.	Connection (In.)	Overall Length (In.)	Price
802B4S	1/4	3.00	40.34
802B6S	3/8	3.00	40.34
802B8S	1/2	2.56	40.34
803B10S	5/8	3.31	43.80
804A14S	7/8	3.75	57.62

CONNECTION ODS X ODS, EXTENDED



- Extended tube

Superior Refrigeration Products

Part No.	Connection (In.)	Overall Length (In.)	Price
802B6ST	3/8	6.13	Call
802B8ST	1/2	6.35	Call
803B10ST	5/8	6.81	Call

CONNECTION ODS X ODS, "Y"



- Can be installed in any position, except bonnet down
- Overall length: 2.94"
- Maximum working pressure: 500 psi
- Maximum temperature rating: 300°F

HENRY TECHNOLOGIES

Part No.	Connection (In.)	Price
116004	1/2	Call
116005	5/8	Call

CONNECTION SAE X SAE, INLINE



- Brass construction
- Synthetic rubber seat
- Can be installed in any position
- M flare connection
- Maximum working pressure: 500 psi
- Maximum temperature rating: 200°F

HENRY TECHNOLOGIES

Part No.	Connection (In.)	Overall Length (In.)	Price
11914	1/4	2.26	36.39
11938	3/8	2.51	Call

CONNECTION ODS X ODS, EXTENDED INLINE



- Brass construction
- Synthetic rubber seat
- Can be installed in any position
- Maximum working pressure: 500 psi
- Maximum temperature rating: 200°F

HENRY TECHNOLOGIES

Part No.	Connection (In.)	Overall Length (In.)	Price
12038	3/8	5.25	Call
12058	5/8	6.28	Call
12078	7/8	6.44	5.98

VALVES

CHECK VALVE

MAGNETIC CHECK VALVE



Designed to prevent undesirable reverse flow. Can be installed in any position without affecting performance.

- Near zero leak rate
- Can be installed with hard or soft solder
- Capacity: R22, suction 40°F evaporator, 1 psi ΔP
- Built in stainless steel strainer
- Spun copper style
- Connection: ODS x ODS

MUELLER INDUSTRIES

Part No.	Connection Size OD (In.)	Valve Diameter (In.)	Overall Length (In.)	Capacity Tons	Price
A17934	1/4	7/8	4.00	0.4	Call
A17935	3/8	7/8	4.00	0.6	Call
A17936	1/2	1.12	5.12	1.2	Call
A17937	5/8	1.12	5.12	1.6	Call
A17939	7/8	1.62	7.00	3.8	Call
A17940	1-1/8	2.12	8.37	6.0	Call
A17941	1-3/8	2.62	9.37	9.5	Call
A17942	1-5/8	3.12	10.50	17.0	Call
A17943	2-1/8	3.62	12.00	30.0	Call
A17944	2-5/8	4.12	13.00	50.0	Call

CONNECTION ODS X ODS

- Hermetically sealed spun copper body.
- 30 mesh screen to protect seat surface from debris.
- Magnetic Actuation.
- Lapped" stainless steel disc and "lapped" brass seat assembly.
- Arrow indicates direction of flow.
- Minimal Pressure Drop.
- Capacity: R22, 40°F, 1 psi DP
- U.L. and C-U.L. Recognized, File No. SA2989(N)

Part No.	Connection Size OD (In.)	Valve Diameter (In.)	Overall Length (In.)	Suction Capacity Tons	Price
900MA-4S	1/4	0.875	4.00	0.4	Call
900MA-6S	3/8	0.875	4.00	0.6	11.54
900MA-8S	1/2	1.125	5.00	1.2	17.31
900MA-10S	5/8	1.125	5.00	1.4	17.31
900MA-12S	3/4	1.625	7.00	3.3	Call
900MA-14S	7/8	1.625	7.00	3.7	35.78
900MA-11S	1-1/8	2.125	8.38	6.0	Call

SHUTOFF VALVES

AMMONIA/REFRIGERANT SHUTOFF

PIPE THREAD SHUTOFF VALVE

Suitable for NH3, refrigerants and other industrial fluids noncorrosive to steel and cast ir on.

- Valve bodies: ductile iron
- Valve bonnets: flanged design, ductile iron, will accept seal caps on handwheel valves
- Stems: stainless steel
- Backseating: can be repacked under pressure
- Temperature rating: -20°F to +325°F
- Maximum cold working pressure: 400 psi
- Connection: FPT x FPT

GLOBE/HANDWHEEL/FPT



HENRY TECHNOLOGIES

Part No.	Connection Size (In.)	Length (In.)	Valve Open Height (In.)	Ship Wgt. (Lbs.)	Price
310G	3/8	3.63	5.44	2	Call
320G	1/2	3.63	5.44	2	Call
330G	3/4	3.63	5.44	2	Call
340G	1	4.13	5.75	3	Call
210B	1-1/4	5	7.76	8	Call

ANGLE/HANDWHEEL/FPT



HENRY TECHNOLOGIES

Part No.	Connection Size (In.)	Valve Open Height (In.)	Ship Wgt. (Lbs.)	Price
370G	1/2	6	2	Call
380G	3/4	6	2	161.23
390G	1	6.13	3	Call

GLOBE/SEALCAP/FPT



HENRY TECHNOLOGIES

Part No.	Connection Size (In.)	Length (In.)	Valve Open Height (In.)	Ship Wgt. (Lbs.)	Price
C320G	1/2	3.63	5.44	2	Call
C330G	3/4	3.63	5.44	2	Call
C340G	1	4.13	5.75	3	Call

SHUTOFF VALVES

AMMONIA/REFRIGERANT SHUTOFF

ANGLE/SEALCAP/FPT



Part No.	Connection Size (In.)	Valve Open Height (In.)	Ship Wgt. (Lbs.)	Price
C380G	3/4	6	2	Call

FLANGED SHUTOFF VALVES

Suitable for NH3, refrigerants and other industrial fluids noncorrosive to steel and cast iron.

- Valve bodies: 1" thru 3" ductile iron, 4" cast iron
- Valve bonnets: 1" thru 4" flanged design, ductile iron, will accept seal caps on hand wheel valve
- Backseating; can be repacked under pressure
- Temperature rating: -20°F to +325°F
- Maximum cold working pressure: 400 psi

GLOBE/HANDWHEEL/FLANGED



Part No.	Nominal Size (In.)	Length (In.)	Valve Open Height (In.)	Ship Wgt. (Lbs.)	Price
151B	1-1/4	7	8.51	13	Call
153B	2	8.25	10.75	21.5	Call
154B	2-1/2	9.25	12.5	34.5	Call
155B	3	10.25	15.62	48	Call

ANGLE/HANDWHEEL/FLANGED



Part No.	Nominal Size (In.)	Valve Open Height (In.)	Ship Wgt (Lbs.)	Price
254B	2-1/2	14.38	34.5	Call

GLOBE/SEALCAP/FLANGED



Part No.	Nominal Size (In.)	Length (In.)	Valve Open Height (In.)	Ship Wgt. (Lbs.)	Price
C151B	1-1/4	7	9.13	13	Call
C153B	2	8.25	10.63	21.5	Call
C155B	3	10.25	14.88	75	Call

ANGLE/SEALCAP/FLANGED



Part No.	Nominal Size (In.)	Valve Open Height (In.)	Ship Wgt. (Lbs.)	Price
C253B	2	12.5	21.5	Call
C255B	3	16.88	48	Call

HAND EXPANSION



- Valve body: ductile iron
- Temperature rating: -20°F to +325°F
- Maximum cold working pressure: 400 psi
- Connection: FPT x FPT

Part No.	Nominal Size (In.)	Width (In.)	Valve Open Height (In.)	Ship Wgt. (Lbs.)	Price
320F-E	1/2	3.63	6.13	2.5	Call
330F-E	3/4	3.63	6.13	2.5	Call

PURGE/OIL/GAUGE



- Valve body: forged steel
- Seal cap, angle
- Non-backseating valves
- Maximum working pressure: 1000 psi
- Temperature rating: -20°F to +300°F

Part No.	Connection Size (In.)	Connection Type	Overall (In.)	Ship Wgt. (Lbs.)	Price
7761	1/4	MPT x MFL	3.44	0.5	149.02
7771	1/4	MPT x FPT	3.44	0.5	79.36
7773	3/8	MPT x FPT	4.13	0.75	70.36

SHUTOFF VALVES

AMMONIA/REFRIGERANT SHUTOFF

3 WAY DUAL SHUT OFF



- Maximum cold working pressure: 450 psi
- Temperature rating: -20°F to +300°F
- Connection: FPT x FPT x FPT

HENRY TECHNOLOGIES

Part No.	Connection Size (In.)	Overall Length (In.)	Ship Wgt. (Lbs.)	Price
8021A	1/2	8.57	3.21	Call
8022A	3/4	8.57	3	Call
8024	1	11.78	7.87	Call
8025	1-1/4	11.78	6.92	1265.00

AMMONIA/REFRIGERANT RELIEF

RELIEF ANGLE



- Temperature rating: -20°F to +275°F
- Stainless steel seat inserts, seat discs, main guides
- Connection: FPT x FPT
- Overall height: 4.97"

HENRY TECHNOLOGIES

Part No.	Connection (In.)		Pressure Setting (psi)	Overall Length (In.)	Price
	Bottom Inlet	Side Outlet			
5601150	1/2	1	150	3.00	Call
5601250	1/2	1	250	3.00	Call
5602150	3/4	1	150	3.00	Call
5602250	3/4	1	250	3.00	Call

VALVES

AMMONIA/REFRIGERANT FLANGE

UNION VALVE FLANGE

Flanges for bare valves, the required bolts and nuts will be included with the valve.

- Forged steel
- Max working pressure: sizes 1/2" thru 2"-1,500 psi
  sizes 2 1/2" thru 4"-500 psi
- Temperature rating: -20°F to +325°F

SQUARE/4 BOLT/SOLDER



HENRY TECHNOLOGIES

Part No.	Connection Size (In.)	Valve Size (In.)	Ship Wgt. (Lbs.)	Price
S20D138K	1-3/8	1-1/4	5.75	Call
S20D2158K	1-5/8	2	9.75	Call
S20D218K	2-1/8	2	8.75	Call
S20D258K	2-5/8	2-1/2	15	Call
S20D318K	3-1/8	3	18.5	Call
S20D418K	4-1/8	4	28	Call

SQUARE/4 BOLT/SOCKET WELD



HENRY TECHNOLOGIES

Part No.	Connection Size (In.)	Valve Size (In.)	Ship Wgt. (Lbs.)	Price
S2SW114K	1-1/4	1-1/4	5.25	Call
S2SW2X112K	1-1/2	2	8.75	Call
S2SW2K	2	2	7.5	Call
S2SW212K	2-1/2	2-1/2	13.25	Call
S2SW3K	3	3	15.75	Call
S2SW4K	4	4	22	Call

SQUARE/4 BOLT/FPT



HENRY TECHNOLOGIES

Part No.	Connection Size (In.)	Valve Size (In.)	Ship Wgt. (Lbs.)	Price
S2PT114X1K	1	1-1/4	5.25	Call
S2PT114K	1-1/4	1-1/4	5.25	Call
S2PT112K	1-1/2	2	9	Call
S2PT2K	2	2	7.75	Call

OVAL/2 BOLT/FPT



HENRY TECHNOLOGIES

Part No.	Connection Size (In.)	Valve Size (In.)	Ship Wgt. (Lbs.)	Price
02PT1X12	1/2	1	3.75	Call
02PT34	3/4	1	4	Call
02PT1	1	1	3.5	Call

OVAL/2 BOLT/SOCKET WELD



HENRY TECHNOLOGIES

Part No.	Connection Size (In.)	Valve Size (In.)	Ship Wgt. (Lbs.)	Price
02SW12K	1/2	1	3.75	Call
02SW34K	3/4	1	4	Call
02SW1K	1	1	3.75	Call

OIL CONTROL

OIL CONTROL

FLOAT REGULATOR



- To regulate oil level in multi compressor parallel systems
- Adjustable between 1/4 and 1/2 sightglass at pressure differentials noted below
- Overall height: 5.75" (6.16" for FH models)
- AOLA: adapter for Copeland <5 Hp
- AOLR: adapter Bitzer, 6E, 6D; Bock F; Carrier EA, ER; Copeland >5 Hp, 2D, 4D, 6D; D/B Big4; Trane M, R 1- 7/8 B.C.; York GC, GS, JS (included)

SPORLAN

Part No.	Max. Pressure Differential (psi)	Equalizer	Price
OL60CH	0–90	None	219.73
OL60FH	0–90	3/8" SAE	233.61
OL60AR	0–90	3/8" SAE	233.61
OL60HH6	0–90	None	250.75
OL60NH2	0–90	3/8" SAE	283.32
OL60XH	0–90	3/8" SAE	233.61

DIFFERENTIAL CHECK VALVE



- Ensures oil flow to oil level control
- Installs at reservoir inlet

SPORLAN

Part No.	Differential Pressure (psi)	Price
OCV5	5	39.87
OCV10	10	40.45
OCV20	20	38.71
OCV30	30	39.87

RESERVOIR

- Sight glasses with floating ball indicators; (2)-2 gallon model
- 3/8" flare rotolock valves on top and bottom
- Maximum working pressure: 500 psig
- Diameter: 6"
- Connection: 3/8" M flare rotolock valves, 3/8" M flare vent port

SPORLAN

Part No.	Capacity (Gal.)	Length (In.)	Price
POR-2	2	18	383.60

OIL RESERVOIR



- Sight glasses with floating ball indicators; (2)-2 gallon model, (3)-4 gallon model
- 3/8" flare rotolock valves on top and bottom
- Mounting stud: 1/2" x 14 TPI
- Maximum working pressure: 450 psig
- Diameter: 6"
- Connection: 3/8" M flare rotolock valves

SPORLAN

Part No.	Capacity (Gal.)	Length (In.)	Price
AOR2	2	20	Call
AOR4	4	38	Call

PRESSURE DIFFERENTIAL VALVE, ADJUSTABLE



The Sporlan Y1236-C pressure differential valve is designed for use on high pressure oil return systems or others applications where a differential pressure regulator is required. The valve permits the oil level control mounted at the compressor to feed at any specified level because the pressurized oil at the control is slightly greater than crankcase pressure. Without the Y1236-C, excessive pressure drop across the mechanical oil level control would cause the control to overfeed the compressor. This occurs because more force is required on the float ball, thereby a higher oil level, to overcome the pressure drop through the port to close the oil level control.
The Y1236-C reduces the inlet pressure by controlling a differential across the valve outlet and the force supplied to the valve's element. With high pressure oil return systems, suction pressure is supplied to the element when located between the oil separator/reservoir and the oil level control.
The Y1236-C includes a removable 100 mesh inlet strainer to protect the valve from circulating contaminants.

- The valve is adjustable from a 10 to 25 psi differential.
- Factory setting 17 psi.

SPORLAN

Part No.	Connection Size (In.)	Connection Type	Overall Height (In.)	Price
Y1236C	3/8	M Flare	6.10	104.47

OIL FILTER



The Sporlan OF Series oil filters were designed to virtually eliminate the need for oil changes resulting from suspended solid contaminants in circulation. Typically, an OF Series oil filter would be installed in the oil line between the oil reservoir and the oil header of a refrigeration rack with a low pressure oil system. If the OF-303-BP is used on a low pressure oil system, it should be installed between the oil separator and oil reservoir. On a high pressure oil system, an OF Series oil filter would be installed between the oil reservoir and the oil header.

- Pressure tap included with "T" suffix filters.

SPORLAN

Part No.	Connection Size	Connection Type (In.)	Overall Length (In.)	Comments	Price
OF303T	3/8	M Flare	9.69	Sealed	129.16
OF303BP	3/8	M Flare	10.63		129.29
ROF413T	3/8	M Flare	8.12	Shell, Element Not Included	137.03
OFE1	—	—	—	Element for ROF413T	75.10



HENRY TECHNOLOGIES

Part No.	Connection Size (In.)	Application	Ship Wgt. (Lbs.)	Price
S9105	3/8	Strainer, 100 Mesh	0.5	37.06
S4004	3/8	Filter, 10 Micron	4	82.92
S4005	3/8	Filter and Drier, POE Oil	4	93.61

OIL CONTROL

OIL CONTROL

ELECTRONIC OIL LEVEL MONITOR, OPTRONIC



The optronic regulator is designed to control the oil level in the compressor crankcase using proven optical sensor technology. It is fitted to the sight glass housing of the compressor and has an integral sight glass that allows visual inspection of the crankcase oil level.

- Max Working Pressure: 500 Psig
- Max Differential Pressure: 350 Psig
- Alarm contacts: SPNO
- Approved Refrigerant/Oils: FC/POE

HENRY TECHNOLOGIES

Part No.	Contact Rating	Price
OP-02	2 Amps @ 24-120 Volt	Call

OIL EXCHANGE



- Performs the recommended 5 oil flushes in minutes without allowing POE oil to absorb moisture
- Designed to remove maximum amount of oil from crankcase
- Fully ported to ensure fast removal and charging up to 6 times faster than access port valve
- Pressure gauge connection provided, with Schrader valve
- Designed to be left in system for future service
- Connection: MPT overtube x M flare

HENRY TECHNOLOGIES

Part No.	Connection (In.)		Overall Length with Tube (In.)	Price
	Bottom MPT	Side M Flare		
9297H	1/8	1/4	12.36	Call
9298H	1/4	1/4	13.66	Call

OIL LEVEL GLASS



- Clear lens with floating ball
- Maximum temperature: 300°F
- Maximum working pressure: 500 psi

HENRY TECHNOLOGIES

Part No.	Thread Size (In.)	Depth (In.)	Ship Wgt.(Lbs.)	Price
SG1206	3/4	1.06	0.25	Call

ISOLATION VALVE



The valves allow each oil level regulator to be isolated if service is required on a compressor, oil level regulator, oil line filter-drier or strainer.

- Connection: 3/8" F. flare x 3/8" M. flare

HENRY TECHNOLOGIES

Part No.	Type	Ship Wgt. (Lbs.)	Price
S9106H	Horizontal	0.25	41.57
S9106V	Vertical	0.25	51.93

ADAPTER KIT



- 3033201 included with all regulators for Dunham Bush (Big 4), Trane, York, Carrier (EA, ER, 06E, 06CE), Copeland (over 5 ton)

HENRY TECHNOLOGIES

Part No.	Application	Ship Wgt. (Lbs.)	Price
3033201	Standard	0.5	Call
3033204	1-1/2–18 Thread, Carrier (DA, DR, 5F, 5M, 06D)	1	Call
3033212	Copeland (8R, 8D)	1	Call
3033219	Schnacke, Grasso	1.25	Call
3033226	Extension for Equalizer Retrofit	1	Call

DIFFERENTIAL PRESSURE



Reservoir pressure valve maintains a positive pressure differential in the oil reservoir over the crankcase pressure. This positive pressure will insure an adequate oil supply to the oil level regulators.

HENRY TECHNOLOGIES

Part No.	Pressure Setting	Comments	Ship (Lbs.)	Price
S9104	5	—	0.25	51.31
S9104H	20	Satellite Compressors	0.25	50.09

LEVEL SENSOR



The switch consists of a sturdy nickel plated steel body with a built-in fused glass prism. This allows liquid to be optically detected by a solid state optoelectronic module. The solid state module is encapsulated in silicon. It can be easily replaced without disturbing the system.

- For oil, refrigerants, any noncorrosive, nonhazardous fluid
- Fluid temperature rating: -40°F to 210°F
- Working pressure: 1200 psi, 6000 psi burst
- Requires 3.5 mA AC, 5.5 mA DC
- Minimum load: 2 mA (without bleed resistor)

HENRY TECHNOLOGIES

Part No.	Connection MPT (In.)	Voltage (Vac)	Current Rating (Resistive/Inductive)	Switch State (No Liquid)	Price
S9400	1/2	120	0.5/36 VA	Normally Open	Call
S9400A	1/2	120	0.5/36 VA	Normally Closed	Call
S9420	1/2	240	0.25/36 VA	Normally Open	Call
S9420A	1/2	240	0.25/36 VA	Normally Closed	Call
S9424	1/2	24	0.5/36 VA	Normally Open	Call
S9424A	1/2	24	0.5/36 VA	Normally Closed	Call
S9424A1	1	24	0.5/36 VA	Normally Open	Call

OIL CONTROL

OIL SEPARATOR

The Temprite 900/920 Series is the standard in ultra low temperature applications by virtue of its extreme performance range. They employ a matrix type borosilicate coalescent filter to do the work impingement screens formerly did. These exceptionally pure, extremely fine glass fiber matrices excite the oil molecules to collide into one another, thus agglomerating until they are forced to the outer drain layer of the filter. These droplets fall to the bottom of the separator reservoir and the oil is then returned to the compressor. The filter will pick up any and all effluent and dirt circulating in the system down to 0.3 microns. Temprite coalescent separators are not velocity dependant. The most accurate way to size a 900/920 Series oil separator for your application is to determine the actual cubic feet per minute that your compressor will be pumping.

ACCESSIBLE COALESCENT



- Access at cannister top
- Diameter: 4"
- Oil connector: 1/4"SAE

Temprite

Part No.	Connection Size ODF (In.)	Overall Length (In.)*	Capacity (Tons)	CFM	Price
T922	5/8	12.75	1.34	16.94	Call
T923	7/8	13.00	1.86	23.56	Call

*Plus mounting stud: 3/4" x 3/8– 16MPT

ACCESSIBLE COALESCENT



- Access mid cylinder below screen
- Diameter: 4 "
- Oil connector: 1/4 " SAE

Temprite

Part No.	Connection Size ODF (In.)	Overall Length (In.)	Capacity (Tons)	CFM	Price
T924	1-1/8	18.63	3.34	42.40	Call
T925	1-3/8	18.63	5.08	64.27	Call

ACCESSIBLE COALESCENT



- Diameter: 6"
- Oil connector: 1/4" SAE

Temprite

Part No.	Connection Size ODF (In.)	Overall Length (In.)	Capacity (Tons)	CFM	Price
T926	1-5/8	34.75	8.70	110.40	Call
T927	2-1/8	34.75	11.86	150.42	Call

HERMETIC COALESCENT



- Diameter: 4"
- Oil connector: 1/4" ODF

Temprite

Part No.	Connection Size ODF (In.)	Overall Height (In.)*	Capacity (Tons)	CFM	Price
900	3/8	8.25	.50	6.33	230.00
T901	1/2	8.38	.93	11.78	Call
T902	5/8	10.56	1.34	16.94	Call
T903	7/8	10.88	1.86	23.56	Call

*Plus mounting stud: 3/4" x 3/8– 16MPT

HERMETIC COALESCENT



- Diameter: 4"
- Oil connector: 1/4" ODF

Temprite

Part No.	Connection Size ODF (In.)	Overall Height (In.)	Capacity (Tons)	CFM	Price
T904	1-1/8	18.38	3.34	42.40	Call
T905T	1-3/8	18.38	5.08	64.47	Call

HELICAL OIL SEPARATOR

The helical oil separator features a centrifugal flow path achieving approximately 99% efficiency of oil separation with low pressure drop. The selecting of an oil separator should be first done by comparing the system tonnage or load to the rated capacities of the oil separator. The ultimate deciding factor should be the maximum discharge CFM with care taken to not select below 33% of the maximum rating.

OIL SEPARATOR/HELICAL



- Welded construction
- Capacity rated: R404A, -40°F evaporator, Maximum

CAUTION

Oversizing is not acceptable

HENRY TECHNOLOGIES

Part No.	Connection Size ODS (In.)	Dia. (In.)	Overall Height (In.)	Max. Capacity Tons R404A @ -40°F (Tons)	Max. Discharg CFM	Ship Wgt. (Lbs.)	Price
S5180	1/4	2.5	6.38	.75	.50	3	Call
S5181	3/8	2.5	7.5	1	1.1	3	Call

OIL CONTROL

HELICAL OIL SEPARATOR

OIL SEPARATOR/HELICAL/ FLANGED



- 2023001: replacement flange gasket
- A190030: replacement float assembly
- Capacity rated: R404A, -40°F evaporator, Maximum

HENRY

Part No.	Connection Size ODS (In.)	Dia. (In.)	Overall Height[1] (In.)	Capacity Tons @ -40° F	Nom. Discharg CFM	Ship Wgt.(Lbs.)	Price
S5290	1-3/8	6	20(15)	13.6	15.5	24.5	397.00
S5292	1-5/8	6	22(17)	18.6	21.4	27.5	407.88
S5202	2-1/8	8	24	34	39.2	39	Call
S5203	2-5/8	10	27	58	66.6	58	Call
S5204	3-1/8	12	30	85	97.6	94	Call

[1]529* Series have 5* Removable legs

OIL SEPARATOR/CONVENTIONAL



- Capacity rated: R404A, -40°F evaporator, Maximum

HENRY

Part No.	Connection Size ODS (In.)	Dia. (In.)	Overall Height (In.)	Max. Capacity Tons R404A @-40° F	Ship Wgt. (Lbs.)	Price
S5582	1/2	4	10.25	1.5	5	Call
S5585	5/8	4	14.25	4	7	Call
S5587	7/8	4	17.75	6.5	8	Call
S5588	1-1/8	4	21	8.5	9	Call

HEATER



Heat elements add heat to oil separators to prevent migration of refrigerant to the vessel during off cycles of the compressor. Heat elements can also be used on suction line accumulators to warm the oil and allow oil return to the compressor on low Temperature applications.

HENRY

Part No.	Diameter (In.)	Wattage	Volts (Vac)	Price
S9101	4	25	110	Call
S9111	4	25	220	Call
S9112	6	50	220	Call

REPAIR PARTS

FLOAT ASSEMBLY



Temprite

Part No.	Model Usage	Description	Price
51100000	501–505, 922–925	Float, Needle, Seat Assembly	64.00
51200000	506–507	Float, Needle, Seat Assembly	Call
52200000	506–507	Bottom Plate, Float, Needle, Seat Assembly	Call
52300000	508–510, 928, 930	Bottom Plate, Float, Needle, Seat Assembly	Call
55000010	501–510, 922–925, 930	Bottom Plate Gasket	3.60

SCREEN



Temprite

Part No.	Model Usage	Pkg. Qty.	Price
60002000	502	2	Call
60003000	503	2	Call
60004000	504	2	Call

FILTER KIT



Temprite

Part No.	Model Usage	Price
62034000	922–923	Call
62037000	924–925	Call
62028000	926–927	Call

FLOAT ASSEMBLY



Includes float and gasket

HENRY

Part No.	Usage	Description	Price
A190030	S5200, S1900 series	Float Assembly	158.25
A570030	S5700 series	Float Assembly	Call
2023001	All float assembly flanges	Gasket	2.58

REFRIGERANT CONTROL

SUCTION ACCUMULATOR

SUCTION ACCUMULATOR



Applications requiring intermittent operation of the refrigeration compressor may trap or hold quantities of liquid in the suction line which are suddenly dumped into the compressor as it starts up.

- VERTICAL models 6" diameter and smaller rated for R410A (except 3738)
- All Refrigeration Research suction accumulators of 4" through 6" diameter have fusible plugs included and installed to comply with latest UL and cUL requirements
- All models are listed or meet code
- Holding capacity and recommended tonnage: R404A, -20°F evaporator
- Minimum recommended tonnage based on oil return through accumulator.
- 3826, 3836, 3839, 3840, 3841 accumulators are horizontal orientation

REFRIGERATION RESEARCH

Part No.	Connection (ID) (In.)	Dia. (In.)	Length (In.)	Holding Capacity (Lbs.)	Recommended Tonnage	Ship Wgt. (Lbs.)	Price
3680 V	1/2	3	8.1	1.3	.06 to .25	2.3	Call
3816 V	1/2	4	6.5	1.9	.06 to .25	3	Call
3817 V	1/2	4	10.5	3.7	.06 to .25	4.6	Call
3670 V	7/8	4	11	3.5	.33 to 1.3	5.2	Call
3710 V	7/8	5	18	8.8	.33 to 1.3	11	Call
3827 V	7/8	6	13	9.8	.33 to 1.3	11.3	Call
3832 V	1-1/8	6	11	7.5	.47 to 2.5	10	Call
3706 V	1-3/8	6	20.25	15.4	1.3 to 4.5	17	Call
3639 V	2-1/8	8.6	20	27.2	3.7 to 16	44	Call
3641 V	2-5/8	10.8	20	44.7	6 to 25	57	Call
3640 V	3-1/8	10.8	26	63.9	9.3 to 40	75	Call
3826 H	7/8	6	13.5	11.6	.33 to 1.3	12	Call
3836 H	1-3/8	6	22.5	15.1	1.3 to 4.5	17.1	Call
3839 H	2-1/8	6	48	36.4	3.7 to 16	35.5	Call
3841 H	2-5/8	8.6	24	39.3	6 to 25	48	Call
3840 H	3-1/8	10.8	24	62	9.3 to 40	63	Call

SUCTION ACCUMULATOR, HEAT PUMP



- Accumulator with smaller orifice and protective strainers specifically for heat pump applications. Must be installed between the compressor and reversing valve
- Holding capacity and recommended tonnage R22, +40°F evaporator

REFRIGERATION RESEARCH

Part No.	Connection ID (In.)	Length (In.)	Holding Capacity (Lbs.)	Recommended Tonnage	Ship Wgt. (Lbs.)	Price
HP3701	5/8	6.63	2.1	.18 to 2	3.0	69.20
HP3702	5/8	10.63	4.1	.18 to 2	5.1	81.82
HP3703	3/4	10.63	4.0	.22 to 3	5.2	83.40
HP3738	7/8	13.0	7.9	.53 to 4	8.0	107.96
HP3700	1-1/8	15	12.9	.76 to 9	13.1	142.52
HP3706	1-3/8	20.25	17.5	2 to 15	17.5	188.90

ACCUMULATOR HEAT EXCHANGER



- Combines the functions of a suction accumulator with the convenience of a heat exchanger coil
- All heat exchanger-suction accumulators are complete with "Leek Pruf" fusible plugs installed complying with latest UL and cUL requirements, except those built to ASME code.
- Holding and recommended tonnage: R404A, -20°F evaporator
- Vertical orientation

REFRIGERATION RESEARCH

Part No.	Connection ID (In.)	Dia. (In.)	Length (In.)	Holding Capacity (Lbs.)	Recommended Tonnage	Ship Wgt. (Lbs.)	Price
HX3701	5/8	4	6.63	1.9	.08 to .45	3.0	Call
HX3702	5/8	4	10.63	3.6	.08 to .45	5.5	Call
HX3738	7/8	5	13	6.9	.33 to 1.3	9	Call
HX3700	1-1/8	6	15	11.4	.47 to 2.5	15	Call
HX3706	1-3/8	6	20.25	15.4	1.3 to 4.5	20.5	304.50
HX3704	1-5/8	6	24.75	19.9	1.3 to 7	27	Call
HX3639	2-1/8	8.6	20	27.2	3.7 to 16	50	Call
HX3641	2-5/8	10.8	20	44.7	6 to 25	65	Call
HX3640	3-1/8	10.8	26	63.9	9.3 to 40	75	Call

REFRIGERANT RECEIVER

- Connection: inlet male flare fitting x outlet male flare valve
- Holding capacity: 90% full @90°F for R22, R134A and R502; for R12 multiply by 1.1; for R404A and R402B multiply by 0.9
- Working pressure: 500 psi

VERTICAL



- Permanent fusible plug

REFRIGERATION RESEARCH

Part No.	Connection (In.)	Dia. (In.)	Length (In.)	Holding Capacity (Lbs.)	Ship Wgt. (Lbs.)	Price
1920	1/4	3.5	7.5	2	2.9	Call
1917	1/4	3.5	10.0	3	3.5	77.62
1921	1/4	4.0	10.0	4	4.5	Call
1918	1/4	5.0	10.0	6	7.2	Call
5315	3/8	5.0	10.0	6	7.3	100.40
1911	3/8	6.0	12.0	10	10.9	134.14
3212	1/2	6.0	18.0	16	15.6	177.02

VERTICAL



- Valve on outlet
- Fusible plug not required

REFRIGERATION RESEARCH

Part No.	Connection (In.)	Dia. (In.)	Length (In.)	Holding Capacity (Lbs.)	Ship Wgt. (Lbs.)	Price
2030	1/4	3	10	2	2.4	Call

REFRIGERANT CONTROL

REFRIGERANT RECEIVER

HORIZONTAL



- Fusible plug, removable
- Vertical valve assembly, outlet
- Connection: flare outlet x IDS inlet

REFRIGERATION RESEARCH

Part No.	Connection (In.)	Dia. (In.)	Length (In.)	Holding Capacity (Lbs.)	Ship Wgt. (Lbs.)	Price
1923	1/2	5	23	15	16.6	Call
1919	3/8	5	28	19	16.6	Call

HORIZONTAL



- Fusible plug, removable
- Horizontal valve assembly, outlet
- Connection: flare outlet x IDS inlet

REFRIGERATION RESEARCH

Part No.	Connection (In.)	Dia. (In.)	Length (In.)	Holding Capacity (Lbs.)	Ship Wgt.(Lbs.)	Price
1947	3/8	3.5	9	3	3.3	Call

VERTICAL



Receiver storage capacities are based on the liquid occupying no more than 90% of the internal volume when the temperature of the refrigerant is 90°F per ASHRAE Standard 15–78.

- Connection: M. flare inlet x M. flare valve outlet
- Valve on outlet side
- Mounting: S8060-S8066 3/8-16 tpi mounting stud on bottom S8067, S8068 have mounting feet
- Pumpdown: R22, 90% volume @ 90°F
- Maximum working pressure: 450 psi
- Fusible plug

HENRY TECHNOLOGIES

Part No.	Connection Size (In.)	Dia. (In.)	Height (In.)	Holding Capacity (Lbs.)	Ship Wgt. (Lbs.)	Price
S8060ACR	1/4	3	10.0	2.4	3.5	Call
S8062	1/4	3-1/2	10.0	3.3	4	Call
S8067	1/2	6	24.0	23.2	21	Call
S8068	5/8	6	30.0	29.1	26	Call

NOISE ABATEMENT

DISCHARGE LINE MUFFLER



Mufflers have internal baffles designed for minimum pressure drop. These baffles change the velocity of the discharge gasses passing through the muffler. This results in a dampening effect on high frequency sound waves on high speed compressors. Pulsating waves are also muffled in both low speed and high speed compressors.

HENRY TECHNOLOGIES

Part No.	Connection Size ODS (In.)	Diameter (In.)	Length (In.)	Ship Wgt. (Lbs.)	Price
S6304	1/2	3	7.75	2	Call
S6305	5/8	3	7.75	2	Call
S6307	7/8	3	9.69	2.5	Call
S6311	1-1 /8	3	9.69	2.5	Call
S6405	5/8	4	6.75	3	Call
S6407	7/8	4	7	3.5	Call
S6413	1-3/8	4	13.75	5.5	Call
S6415	1-5/8	4	18.75	7	Call
S6621	2-1/8	6	21	18	Call
S6625	2-5/8	6	21	20	Call

DISCHARGE LINE MUFFLER ADJUSTABLE



- Provided with a stem that can be turned to "tune" the muffler to the individual characteristics of the system
- Fusible plug installed

REFRIGERATION RESEARCH

Part No.	Connection IDS (In.)	Dia. (In.)	Length (In.)	Recommended Tons	Ship Wgt. (Lbs.)	Price
AM5	5/8	4	10	2 to 5	5.5	Call

DISCHARGE LINE MUFFLER



- Discharge mufflers to smooth out gas pulsations and reduce vibration and noise
- Removable fusible plug installed M10 models M30, M60, M80

REFRIGERATION RESEARCH

Part No.	Connection IDS (In.)	Dia. (In.)	Length (In.)	Recommended Tons	Ship Wgt. (Lbs.)	Price
M2	3/8	2	7.44	2	1	21.88
M3	1/2	2	7.44	3	1	21.88
M5	5/8	2	7.44	5	1	48.84
M10	7/8	3	9	7.5 to 10	2.6	62.04
M15	1-1/8	3	9.25	10 to 15	2.8	77.05
M20	1-3/8	3	13.75	15 to 25	3.3	89.52
M30	1-5/8	4	16	25 to 50	6.5	117.14
M60	2-1/8	6	26.5	50 to 75	26	Call
M80	2-5/8	6	28	75 to 100	27	Call

VALVES

FLOAT VALVE

- Pipe-threaded for pipe connections and locknut (male inlet)
- Machined flange for support against tank wall
- All bronze bodies
- Serrated arms for quick and easy adjustment of water level
- High tensile manganese bronze long and short arms
- Maximum pressure: 165 psi
- Maximum temperature: 180°F

MPT INLET



- Non-threaded outlet

WATTS

Part No.	Connection Size MPT (In.)	Stem Fitting	Length (In.)	Weight (Lbs.)	Price
375	3/8	1/4–20	3	.51	57.96
500	1/2	1/4–20	3-1/2	.706	48.22
750	3/4	1/4–20	4	1.14	62.58

FPT INLET



- Non-threaded outlet

WATTS

Part No.	Connection Size FPT (In.)	Stem Fitting	Length (In.)	Weight (Lbs.)	Price
1000	1	5/16–18	3	1.81	121.06
1250	1-1/4	3/8–16	5-1/2	3.16	209.82
1500	1-1/2	3/8–16	5-1/2	3.00	228.28
2000	2	3/8–16	6	3.35	233.92

STEM



- Brass with threads both ends

WATTS

Part No.	Thread Ends 1	Thread Ends 2	Length (In.)	Dia. (In.)	Weight (Lbs.)	Price
11	1/4–20	1/4–20	10	1/4	.14	16.46
11.5	1/4–20	5/16–18	12	5/16	.27	21.28
12	5/16–18	5/16–18	12	5/16	.27	18.46
12.5	5/16–18	3/8–16	12	3/8	.39	19.24
13	3/8–16	3/8–16	12	3/8	.39	18.98

FLOW SPECIFICATIONS				
Size	Pressure	Flow	Pressure	Flow
3/8"	50 psi	14 gpm	100 psi	21 gpm
1/2"	50 psi	20 gpm	100 psi	31 gpm
3/4"	50 psi	40 gpm	100 psi	60 gpm
1"	50 psi	100 gpm	100 psi	150 gpm
1 1/4 - 2"	50 psi	250 gpm	100 psi	348 gpm

WATER VALVES

FLOAT

COPPER FLOAT



- High grade copper construction
- Firmly bonded overlapping joints (lead-free solder)
- Maximum temperature: 200°F

WATTS

Part No.	Diameter (In.)	Thread Female	Weight (Lbs.)	Price
LC4	4	1/4–20	.27	20.64
LC5	5	1/4–20	.41	62.08
LC6	6	1/4–20	.52	76.70
CL8	8	3/8–16	1.25	9.00

PLASTIC FLOAT



- Nonelectrolytic, highly corrosion resistant
- Unaffected by salts, caustic fluids
- All injection molded polyethylene
- Resistant to sunlight deterioration
- Maximum temperature: 140°F

WATTS

Part No.	Diameter (In.)	Thread Female	Weight (Lbs.)	Price
PX	4 x 5	1/4–20	.14	18.00
P6	6	1/4–20	.46	25.40
P8	8	3/8–16	.79	28.48

SHUT OFF

- PTFE seats
- Suitable for full range of liquids and gases
- Pressure rated at 600 psi, WOG 1/2"-2", nonshock and 125 psi saturated steam
- Temperature from 0°F to 350°F at 50 psi
- Excellent for throttling and balancing applications of nonabrasive fluids where flow is 20%to 100% of valve capacity

BALL, FULL PORT, SWEAT™



Part No.	Size (In.) Nominal	Size (In.) OD	Ship Wgt. (Lbs.)	Price
12FBVS	1/2	5/8	0.45	Call
34FBVS	3/4	7/8	0.8	Call
1FBVS	1	1-1/8	1.2	Call
114FBVS	1-1/4	1-3/8	2.2	Call
112FBVS	1-1/2	1-5/8	3.2	Call
2FBVS	2	2-1/8	5.25	Call

WATER VALVES

SHUT OFF

GENERAL PURPOSE BALL VALVE, SWEAT



CONBRACO

Part No.	Nominal Size (In.)	Ship Wgt.(Lbs.)	Price
C70LF20201	3/8	0.6	24.52
C70LF20301	1/2	0.6	24.52
C70LF20401	3/4	1.0	50.48
C70LF20501	1	1.6	50.96
C70LF20601	1-1/4	3.9	85.47
C70LF20701	1-1/2	5.8	109.13
C70LF20801	2	10.2	122.52

BALL, FULL PORT, FPT



Part No.	Size Nominal (In.)	Ship Wgt. (Lbs.)	Price
14FBV	1/4	0.17	Call
38FBV	3/8	0.27	Call
12FBV	1/2	0.5	Call
34FBV	3/4	0.73	Call
1FBV	1	1.2	Call
114FBV	1-1/4	2.2	Call
112FBV	1-1/2	3.2	Call
2FBV	2	5.25	Call

GENERAL PURPOSE BALL VALVE, FPT



- "EZ-Solder" Bronze
- Rated 600 psig CWP, non-shock
- 150 psig for saturated steam
- 100% tested
- Vacuum service to 29 in. Hg
- NSF 61 Section 8, Annex G listed. NSF/ANSI 372.
- Adjustable packing gland
- Multiple options available

CONBRACO

Part No.	Nominal Size (In.)	Ship Wgt.(Lbs.)	Price
C70LF10101	1/4	0.6	24.52
C70LF10201	3/8	0.6	24.52
C70LF10301	1/2	0.6	24.48
C70LF10401	3/4	1.1	40.46
C70LF10501	1	1.8	50.96
C70LF10601	1-1/4	4.2	85.47
C70LF10701	1-1/2	4.6	102.76
C70LF10801	2	8.1	130.10

GATE, SWEAT



For general service on water, steam, oil or compressed gas.
- Threaded bonnet
- Nonrising stem
- Bronze body: 125 WSP/200 WOG

Part No.	Size (In.) Nominal	Size (In.) OD	Ship Wgt. (Lbs.)	Price
M100-503NL	1/2	5/8	0.42	9.67
M100-504NL	3/4	7/8	0.65	14.34
M100-505NL	1	1-1/8	1.11	20.74
M100-506NL	1-1/4	1-3/8	1.38	31.80

GATE, FPT



For general service on water, steam, oil or compressed gas.
- Threaded bonnet
- Nonrising stem
- Bronze body: 125 WSP/200 WOG

Part No.	Size FPT(In.)	Ship Wgt.(Lbs.)	Price
M100-003NL	1/2	0.48	12.11
M100-004NL	3/4	0.67	15.58
M100-005NL	1	1.22	24.26
M100-006NL	1-1/4	1.54	29.60

BOILER DRAIN



- MPT x male hose thread

Part No.	Size (In.)	Ship Wgt. (Lbs.)	Price
M102053HC	1/2	0.4	7.65
M102054HC	3/4	0.47	7.19

WATER PUMPS

CIRCULATOR PUMP

100 SERIES BOOSTER



- Maximum working pressure: 125 psi
- Maximum operating temperature: 225°F continuous

Bell & Gossett®

	Construction			Cutoff						
Part No.	Body	Impeller	HP	GPM	Head (Ft.)	Performance Chart Code	Length (In.)	Height at Flange (In.)	Ship Wgt. (Lbs.)	Price
100NFI	Cast Iron	Non Ferrous	1/12	33	8	A	14-7/8	6-3/8	20	530.00
106197	Bronze	Non Ferrous	1/12	33	8	A	14-7/8	6-3/8	20	1067.00
106192	Bronze	Brass	1/12	33	8	A	14-7/8	6-3/8	21	910.00
102210*	Cast Iron	Non Ferrous	1/6	40	12	B	15-3/8	8-1/2	28	Call
102213*	Bronze	Non Ferrous	1/6	40	12	B	15-3/8	8-1/2	20	Call

*HV Series Pumps

HIGH GPM RESIDENTIAL



Residential pumps with large volute for higher flow capacities

Bell & Gossett®

	Construction			Cutoff						
Part No.	Body	Impeller	HP	GPM	Head (Ft.)	Performance Chart Code	Length (In.)	Height at Flange (In.)	Ship Wgt. (Lbs.)	Price
102214	Cast Iron	Non Ferrous	1/6	75	10	C	16-5/8	8-1/2	36	1135.00

COMPACT, OIL LUBRICATED



- Maximum working pressure: 125 psi
- Maximum operating temperature: 225°F

Bell & Gossett®

	Construction			Cutoff						
Part No.	Body	Impeller	HP	GPM	Head	Performance Chart Code	Length (In.)	Height at Flange (In.)	Ship Ship (Lbs.)	Price
LR20	Cast Iron	Noryl	1/20	20	12	D	6-15/16	6-3/8	10.4	300.00
LR15B	Bronze	Noryl	1/12	25	14	E	7-15/16	6-3/8	13.4	510.00

COMPACT, WET ROTOR



- Impeller is 30% glass filled
- Maximum working pressure: 150 psi

Bell & Gossett®

		Construction			Cutoff						
Part No.	Number of Speeds	Body	Impeller	Watts	GPM	Head	Maximum Operating Temp. (°F)	Performance Chart Code	Length (In.)	Height at Flange (In.)	Ship Wgt. (Lbs.)	Price
NRF22	1	Cast Iron	Polypropylene	92	22	15	240	F	6-3/16	6-3/8	9.3	150.00
NRF33	1	Cast Iron	Polypropylene	125	37	12	225	G	5-9/16	6-3/8	10.4	275.00
NRF25	3	Cast Iron	Polypropylene	125	24.5	18	225	H	6-3/16	6-3/8	10.4	165.00

COMPACT, SERIES PL™



- Maximum working pressure: 150 psi
- 1BL034 (PL-75) has a 4-bolt hole flange connection, all others have a 2-bolt hole flange connection

Bell & Gossett®

			Cutoff					
Part No.	Model No.	HP	GPM	Head (Ft.)	Length (In.)	Height at Flange (In.)	Ship. Wgt. (Lbs.)	Price
1BL012	PL-30	1/12	30	25	8-5/8	6-3/8	11.6	430.00
1BL001	PL-36	1/6	40	38	8-5/8	6-3/8	13.1	461.00
1BL002	PL-45	1/6	48	30	9-1/8	8-1/2	14.5	490.00

Bell & Gossett

a xylem brand

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WATER PUMPS

CIRCULATOR PUMP

FLANGE, SERIES 100



Flanges for use with Bell & Gossett and competing booster pumps with 2 5/8" bolt centers.

- Shipped 2 to a package with bolts and nuts
- 34B and 1B are bronze flanges

Bell & Gossett®

Part No.	FPT Size (In.)	Price
101001	3/4	20.00
101011	3/4	46.00
101002	1	20.00
101012	1	45.00
101003	1-1/4	21.00
101004	1-1/2	20.00

FLANGE



Cast iron flange – use with Taco circulators and competing models with 2 5/8" bolt centers.

Taco

Part No.	FPT Size (In.)	Price
110251	3/4	8941.00
110252	1	Call
110253	1-1/4	Call
110254	1-1/2	Call

FLANGE, HV SERIES



Bell & Gossett®

Part No.	FPT Size (In.)	Price
1HVFLG	1	Call
114HVFLG	1-1/4	Call

SHUT-OFF FREEDOM FLANGE®



Combination full port shutoff ball valve and companion flange for most Taco circulators. Allows for easy isolation, removal and service of circulators without draining the system. Each flange set includes bolts, nuts and optional "T" handles.

Taco

Part No.	Connection Size Nominal (In.)	Connection Type	Price
242-1	1/2	FPT	Call
243-1	3/4	FPT	Call
244-1	1	FPT	Call
245-1	1-1/4	FPT	Call
246-1	1-1/2	FPT	Call
242-2	1/2	Sweat	Call
243-2	3/4	Sweat	Call
244-2	1	Sweat	Call
246-2	1-1/2	Sweat	Call

CARTRIDGE STYLE



Designed for use in hydronic heating, chilled fresh water systems, and domestic water systems.
The unique replaceable cartridge contains all the moving parts and allows the circulator to be serviced instead of replacing the entire unit. Self-lubricating, contains no mechanical seal and requires no maintenance.

- Cast iron body with a nonmetallic impeller
- Maximum pressure rating: 125 psi
- Maximum temperature rating: 240°F

Taco

Part No.	HP	Cutoff GPM	Cutoff Head	Length (In.)	Width (In.)	Flange Height (In.)	Ship Wgt. (Lbs.)	Price
007F	1/25	20	11	6-7/16	4-5/8	6-11/32	8	Call

COUPLER



Bell & Gossett®

Part No.	Use With	Description	Price
118705	Series 100, HV, 2", PR, 1", 1-1/4", 1-1/2", 2"	Coupler 1/2" x 1/2", spring type, cast	22.50
118708	PD-35, PD-37, 60 "AA"	Coupler 3/4" x 5/8", spring type, cast	215.00
118709	PD-35, PD-37, 60 "AA", 1522	Coupler 5/8" x 1/2", spring type, cast	64.00
186410	PD-38, PD-39, PD-40, 60"A"	Coupler 5/8" x 1/2", spring type, cast	78.00
118723	21/2", LD-3, HD-3, HLD-3, HHD-3	Coupler 1/2" x 1/2", spring type, cast	34.00
189110	Series 100, HV, 2", PR, 1", 1-1/4", 1-1/2", 2"	Coupler stamped steel, 1/2" x 1/2", spring type	31.50

BEARING



Bell & Gossett®

Part No.	Use With	Price
118844	Series 100, cast iron	121.00
186863	PD-35,PD-37, 60"AA", 1522, , bronze fitted or all bronze	445.00
189034	Series 100, , bronze fitted	112.00
189105	PR, 2 1/2", LD-3, HD-3	320.00
189134	Series 100, cast iron, [includes NFI imperller]	149.00
189162	1", 1-1/4", 1-1/2" [old models]	250.00
189163	1-1/2", 2", HV [old models], , cast iron with bronze impeller	235.00
189165	HV, 2" [new], 1-1/2" [old], cast iron or bronze	235.00

BEARING ASSEMBLY

Taco

Part No.	Use With	Price
BRGA100	(B&G) Series 100; (Armstrong) S25	Call
BRGB100	(B&G) HV, 2" [old]; (Armstrong) S35,H32	Call
BRGB101	(B&G) HV, 2" [new]	Call
BRGC100	(B&G) 2 1/2",LD3,HD3,PR; (Armstrong) S45,S46,H41	Call
BRGD100	(B&G) PD-35,PD-37,60-2,60-11,60-13,60-14; (Armstrong) S55,S57,H51,H52,H53,H54	Call

WATER PUMPS

CIRCULATOR PUMP

IMPELLER



Bell & Gossett®

Part No.	Use With	Description	Price
118431	Series 100	Impeller, 2.75" diameter, brass	57.00
118435	1-1/4", 1-1/2" [old]	Impeller, 3.31" diameter, brass	200.00
118436	HV, 1-1/4", 1-1/2", 2"[old]	Impeller, 3.375" diameter, brass	150.00
118612	PR	Impeller, 4.25" diameter, brass	330.00
118668	HV, 2" [old]	Impeller, 3 375" diameter, steel	127.00
118675	HD-3	Impeller, 4.25" diameter, steel	260.00
118629	Series 60	Impeller, 5.25" diameter, steel	330.00
189128	HV, 2"	Impeller, 3.375" diameter, NFI	29.96
189132	Series 100	Impeller, 2.75" diameter, NFI	23.00

IMPELLER

Taco

Part No.	Use With	Description	Price
IMPA100	Series 100 [B&G], S25 [Armstrong]	Impeller, Noryl®, 2.75" diameter	Call
IMPB100	S35 [Armstrong]	Impeller, Noryl®, 3.38" diameter	Call
IMPC102	HD-3 [B&G], S46 [Armstrong]	Impeller, Noryl®, 4,25" diameter	Call
IMPD101	PD-37, 60-14 [B&G], S57, H54 [Armstrong]	Impeller, Noryl®, 5.25" diameter	Call
IMPD104	60-13 [B&G], H53 [Armstrong]	Impeller, Noryl®, 5.25" diameter	Call

MOTOR



Bell & Gossett®

Part No.	HP	Voltage	RPM	Use With	Price
111031	1/6	115/1/60	1725	PR, 1", 1-1/4", 1-1/2", 2", HV	480.00
111034	1/12	115/1/60	1725	Series 100	340.00
111040	1/4	115/1/60	1725	2 1/2", LD-3	795.00
111042	1/3	115/230/1/60	1725	HD-3	1015.00
111061	1/6	115/1/60	1725	HV, 2", 1-1/2", HV[old]	500.00

MOTOR

Taco

Part No.	HP	Voltage	RPM	Use With	Price
MOTA100	1/12	115/1/60	1725	Series 100 (B&G); S25 (Armstrong)	Call
MOTB100	1/6	115/1/60	1725	1 1/2", 2", HV, PR (B&G); S35,H32,H41 (Armstrong)	Call
MOTB101	1/6	115/1/60	1725	HV [new] (B&G)	Call
MOTD100	1/4	115/1/60	1725	60-11 (B&G); H51 (Armstrong)	Call

GASKET-SEAL KIT



Bell & Gossett®

Part No.	Use With	Description	Price
P04080	Series 100	Body Gasket, 2-3/4"ID x 3"OD	2.95
P04890	(B&G)1", 1-1/4", 1-1/2", 2", HV[old and new]	Body Gasket, 3-1/2"ID x 3-3/4"OD	2.85
P05800	2-1/2", LD-3,HD-3,PR	Body Gasket, 4-1/4"ID x 4-3/4"OD	4.45
P48690	80, 1510, 1531	Body gasket	16.00
P57410	PD-35,PD-37,60"AA", 1522, MF60(5-1/4, 6-1/4" impellers)	Body Gasket, 5-1/4"ID x 5-1/2"OD	2.85
P57700	60"A"	Body Gasket, 7-5/64"ID x 7-27/32"OD	5.15
P58542	Series 60	Adapter Ring Gasket	2.85
118129	2-1/2", LD-3,HD-3,PD-35,PD-37,PD-38,PD-40, PD-39,MF60 3 x 5 1/4, PL130	Flange gasket set	20.00
118351	Series 100 [obsolete], 1"	Flange gasket set	20.00
118368	Series 100, LR, PL30,PL36,PR, 60AA 1, 1-1/4", PL55, 1-1/4"	Flange gasket set	7.65
118373	PL45,PL50,HV[new and old],1-1/2", 60A 1-1/2", 60AA 1-1/2"	Flange gasket set	16.50
118378	2", 60 AA, 60 A, MF60, PL-75, PL-130	Flange gasket set	19.50
118680	1/2" seal pumps	Seal kit less seat insert	27.00
118681	1/2" seal pumps	Seal kit 7	36.50
186681	All S/H 2-5 Series Pumps	Seal kit 6	91.00
180014	Domestic Pumps 1/3 to 3 HP, 3450 RPM and 1/4 to 1/2 HP, 1725 RPM	Seal kit, 5/8", Ceramic	Call
186499	PD-38,PD-39,PD-40, 60"A", 60 2 1/2F	Seal kit	163.20

GASKET-SEAL KIT

Taco

Part No.	Use With	Description	Price
GSKA100	(B&G) Series 100;(Armstrong) S25	Body Gasket, 2-3/4"IDx3"OD	Call
GSKB100	(B&G) 1-1/2", 2", HV[old and new]; (Armstrong)S35,H32	Body Gasket, 3-1/2"ID x 3-3/4"OD	Call
GSKC100	(B&G) 2-1/2", LD-3,HD-3,PR; (Armstrong) S45,S46,H41	Body Gasket, 4-1/4"ID x 4-3/4"OD	Call
GSKD100	(B&G) PD-35,PD-37,60-2, 60-11,60-13,60-14;(Armstrong) S55,S57,H51,H52,H53,H54	Body Gasket, 5-1/4"ID x 5-1/2"OD	Call
SLKABCD100	all 1/2" seal pumps (B&G, Armstrong)	Seal Kit, 1/2"	Call

CENTRIFUGAL PUMP

IN-LINE, MOUNTED



- Voltage: 115/230/1/60 Vac
- Maximum working pressure: 175 psi
- Maximum fluid temperature: 225°F

Bell & Gossett®

Part No.	HP	Cutoff GPM	Cutoff Head	Length (In.)	Width (In.)	Height at Flange (In.)	Ship Wgt. (Lbs.)	Price
B604S	1/4	45	26	15-13/16	7-1/2	11	50	Call
B608S	1/2	70	30	17	7-7/8	11-1/2	61	Call

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AIR CONDITIONING COMPRESSORS

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AIR CONDITIONING COMPRESSORS

OEM COMPRESSOR REPLACEMENT PACK



The All In One Package! Heat Pump models are now packaged with biflow drier!

- Oil: Mineral
- Mount Size: 7.5" x 7.5"

Contents include:

- Run capacitor appropriate for compressor
- Appropriate 2 or 3 pole contactor
- 16" lengths of appropriate size discharge and suction line and assorted fittings to match
- (3) Fan capacitors - 5µf, 7.5µf, and 10µf
- (1) 36" Wiring harness with compressor plug
- (1) Drier - 3/8" (sweat) [Bi-flow for heat pump (-HP) models]
- (1) Acid Test - QT2000
- (1) Field Reference Guide

OEM RECIP PACK

- Includes crankcase heater

Part No.	Capacity BTUH	HP	Voltage	RLA (Amps)	Height (In.)	Ship Wgt. (Lbs.)	Price
OEMRE18A	18000	1-1/2	208-230/1/60	9	13.13	70	Call
OEMRE18A-HP	18000	1-1/2	208-230/1/60	9	13.13	70	574.78
OEMRE24A	24000	2	208-230/1/60	13.5	13.38	70	Call
OEMRE24A-HP	24000	2	208-230/1/60	13.5	13.38	70	587.64
OEMRE28A	28000	2-1/4	208-230/1/60	15	13.50	70	Call
OEMRE28A-HP	28000	2-1/4	208-230/1/60	15	13.50	70	576.26
OEMRE34A	34000	2-3/4	208-230/1/60	16.7	13.38	77	Call
OEMRE34A-HP	34000	2-3/4	208-230/1/60	16.7	13.38	77	655.14
OEMRE37A	37000	3	208-230/1/60	18.5	13.63	81	Call
OEMRE37A-HP	37000	3	208-230/1/60	18.5	13.63	81	Call
OEMRE41A	41000	3-1/4	208-230/1/60	19.4	13.88	81	Call
OEMRE41A-HP	41000	3-1/4	208-230/1/60	19.4	13.88	81	Call
OEMRE47A	47000	3-1/2	208-230/1/60	24.6	14.88	85	Call
OEMRE47A-HP	47000	3-1/2	208-230/1/60	24.6	14.88	85	727.62
OEMRE53A	53000	4	208-230/1/60	29	14.88	85	Call
OEMRE53A-HP	53000	4	208-230/1/60	29	14.88	85	914.10
OEMRE53D	53000	4	208-230/1/60	18	14.88	85	Call
OEMRE53D-HP	53000	4	208-230/1/60	18	14.88	85	1145.28
OEMRE60A	60000	5	208-230/1/60	34.3	16.25	97	Call
OEMRE60A-HP	60000	5	208-230/1/60	34.3	16.25	97	1024.02
OEMRE60D	60000	5	208-230/1/60	21.4	16.25	97	Call
OEMRE60D-HP	60000	5	208-230/1/60	21.4	16.25	97	1099.66
OEMRE60F	60000	5	460/3/60	9.6	16.25	97	Call

AIR CONDITIONING COMPRESSORS

OEM COMPRESSOR REPLACEMENT PACK

OEM SCROLL PACK

Part No.	Capacity BTUH	HP	Voltage	RLA (Amps)	Height (In.)	Ship Wgt. (Lbs.)	Price
OEMZ24A	24000	2	208-230/1/60	208-230/1/60	138-4/5	1-5/8	641.48
OEMZ24A-HP	24000	2	208-230/1/60	208-230/1/60	39-3/10	7/8	685.58
OEMZ28A	28000	2-1/4	208-230/1/60	208-230/3/60	39-3/10	7/8	700.24
OEMZ28A-HP	28000	2-1/4	208-230/1/60	460/3/60	39-3/10	7/8	703.80
OEMZ34A	34000	2-3/4	208-230/1/60	460/1/60	39-3/10	7/8	736.80
OEMZ34A-HP	34000	2-3/4	208-230/1/60	208-230/1/60	39-3/10	7/8	761.00
OEMZ40A	40000	3-1/4	208-230/1/60	208-230/3/60	39-3/10	7/8	773.90
OEMZ40A-HP	40000	3-1/4	208-230/1/60	460/3/60	39-3/10	7/8	796.62
OEMZ47A	47000	3-3/4	208-230/1/60	460/1/60	39-3/10	7/8	848.40
OEMZ47A-HP	47000	3-3/4	208-230/1/60	208-230/1/60	67-3/10	1-1/8	867.62
OEMZ57A	57000	4-3/4	208-230/1/60	208-230/3/60	67-3/10	1-1/8	1034.92
OEMZ61A	61000	5	208-230/1/60	460/3/60	67-3/10	1-1/8	1055.64
OEMZ61A-HP	61000	5	208-230/1/60	460/1/60	67-3/10	1-1/8	1063.40
OEMZ61D	61000	5	208-230/3/60	208-230/1/60	67-3/10	1-3/8	1116.00
OEMZ61D-HP	61000	5	208-230/3/60	208-230/3/60	67-3/10	1-3/8	1118.32

OEM COMMERCIAL SCROLL PACK



The all in one package for commercial applications. Includes the appropriate ZR scroll compressor

- Oil: Mineral
- Mount: 7.5" x 7.5" with a universal base adapter included in the Package

Contents include:

- (2) Turbo 200 multi-value capacitors
- (1) 3 pole three phase contactor
- (2) 20" lengths of copper tubing and assorted elbows and couplings
- (1) EK305S sweat drier
- (1) base adapter plate
- (1) QT2000 acid test kit
- (1) 5' wiring harness
- Field installation guide

Part No.	Capacity BTUH	HP	Voltage	RLA (Amps)	Height (In.)	Ship Wgt. (Lbs.)	Price
OEMZ72D	72000	6	208-230/3/60	20.7	22.2	102	Call
OEMZ72F	72000	6	460/3/60	10.0	22.2	102	Call
OEMZ94D	94000	7-1/2	208-230/3/60	32.1	23.3	165	Call
OEMZ94F	94000	7-1/2	460/3/60	16.4	23.3	165	Call
OEMZ108D	108000	9	208-230/3/60	33.6	25.0	165	Call
OEMZ108F	108000	9	460/3/60	17.3	25.0	165	Call
OEMZ125D	125000	10	208-230/3/60	42.0	25.0	167	Call
OEMZ125F	125000	10	460/3/60	19.2	25.0	167	Call
OEMZ144D	144000	12	208-230/3/60	47.1	25.0	167	Call
OEMZ144F	144000	12	460/3/60	19.6	25.0	167	Call

AIR CONDITIONING COMPRESSORS

SCROLL COMPRESSOR

ZR SERIES, 1 1/2 TO 25 HP



- **Capacitor** required, not provided
- **(Bold) Connection** = Rotolock valve, adapter required (961,965 suffix)
- ZR54K3E compressor has R407C applications; KCE compressors have R407C and R134a applications

COPELAND™

Part No.	Refrig	Capacity (BTUH)	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
								Suction	Discharge		
ZR16K5EPFV800	R22	15500	208-230/1/60	9.3	30 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	53.0	872.00
ZR18K5EPFV800	R22	18,000	208-230/1/60	10.7	30 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	48.6	932.00
ZR21K5EPFV800	R22	21,000	208-230/1/60	12.0	35 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	47.0	895.00
ZR21K5E-TF5-800	R22	21,000	200-230/3/60	8.6	—	7.5 x 7.5	15.86	3/4 S	1/2 S	48.9	Call
ZR21K5E-TFD-800	R22	21,000	460/3/60	4.3	—	7.5 x 7.5	15.86	3/4 S	1/2 S	48.9	Call
ZR25K5EPFV800	R22	25,300	208-230/1/60	15.0	40 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	50.0	933.00
ZR25K5ETF5800	R22	25,300	200-230/3/60	8.9	—	7.5 x 7.5	15.86	3/4 S	1/2 S	49.1	1145.00
ZR25K5E-TFD-800	R22	25,300	460/3/60	4.6	—	7.5 x 7.5	15.86	3/4 S	1/2 S	48.8	Call
ZR28K5EPFV800	R22	28,900	208-230/1/60	—	45 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	60	963.00
ZR28K5E-TF5-800	R22	28,500	200-230/3/60	—	—	7.5 x 7.5	15.86	3/4 S	1/2 S	60	Call
ZR28K5E-TFD-800	R22	28,500	460/3/60	—	—	7.5 x 7.5	15.86	3/4 S	1/2 S	68	Call
ZR32K5EPFV800	R22	32,600	208-230/1/60	—	50 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	63	914.00
ZR32K5ETF5800	R22	32,600	200-230/3/60	—	—	7.5 x 7.5	15.86	3/4 S	1/2 S	58	1208.00
ZR32K5ETFD800	R22	32,600	460/3/60	—	—	7.5 x 7.5	15.86	3/4 S	1/2 S	58	1208.00
ZR38K5EPFV800	R22	38,000	208-230/1/60	—	55 x 370	7.5 x 7.5	16.25	3/4 S	1/2 S	63	1041.00
ZR38K5E-TF5-800	R22	38,000	200-230/3/60	—	—	7.5 x 7.5	16.25	3/4 S	1/2 S	63	Call
ZR38K5E-TFD-800	R22	38,000	460/3/60	—	—	7.5 x 7.5	16.25	3/4 S	1/2 S	70	Call
ZR42K5EPFV800	R22	42,200	208-230/1/60	—	55 x 370	7.5 x 7.5	16.25	3/4 S	1/2 S	72	1145.00
ZR42K5ETF5800	R22	42,200	200-230/3/60	—	—	7.5 x 7.5	16.25	3/4 S	1/2 S	72	1283.00
ZR42K5ETFD800	R22	42,200	460/3/60	—	—	7.5 x 7.5	16.25	3/4 S	1/2 S	72	1323.00
ZR45KCE-PFV-935	R22	46,000	208-230/1/60	24.3	40 x 370	7.5 x 7.5	16.95	7/8 S	1/2 S	72	Call
ZR45KCE-TF5-935	R22	46,000	200-230/3/60	14.3	—	7.5 x 7.5	16.95	7/8 S	1/2 S	72	Call
ZR45KCE-TFD-935	R22	46,000	460/3/60	7.2	—	7.5 x 7.5	16.95	7/8 S	1/2 S	72	Call
ZR47K3E-PFV-935	R22	48,200	208-230/1/60	21.4	60 x 440	7.5 x 7.5	16.95	7/8 S	1/2 S	80	Call
ZR47K3E-TF5-935	R22	47,500	200-230/3/60	16.4	—	7.5 x 7.5	16.95	7/8 S	1/2 S	80	Call
ZR47K3E-TFD-935	R22	47,500	460/3/60	7.85	—	7.5 x 7.5	16.95	7/8 S	1/2 S	80	Call
ZR48K5EPFV800	R22	48,200	208-230/1/60	—	60 x 440	7.5 x 7.5	16.95	7/8 S	1/2 S	72	1196.00
ZR48K5ETF5800	R22	48,200	200-230/3/60	—	—	7.5 x 7.5	16.95	7/8 S	1/2 S	72	1443.00
ZR48K5ETFD800	R22	48,200	460/3/60	—	—	7.5 x 7.5	16.95	7/8 S	1/2 S	72	1521.00
ZR54K5EPFV800	R22	53,500	208-230/1/60	—	80 x 370	7.5 x 7.5	17.75	7/8 S	1/2 S	73	1364.00
ZR54K5ETF5800	R22	53,500	200-230/3/60	—	—	7.5 x 7.5	17.75	7/8 S	1/2 S	73	1599.00
ZR54K5ETFD800	R22	53,500	460/3/60	—	—	7.5 x 7.5	17.75	7/8 S	1/2 S	73	1599.00
ZR54K3E-TF5-930	R407C	52,000	200-230/3/60	19.3	—	7.5 x 7.5	17.25	7/8 S	1/2 S	82	Call
ZR54K3E-TFD-930	R407C	52,000	460/3/60	7.5	—	7.5 x 7.5	17.25	7/8 S	1/2 S	82	Call
ZR57K3EPFV930	R22	58,000	208-230/1/60	32.1	80 x 370	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1507.00
ZR57K3ETF5930	R22	58,500	200-230/3/60	19.3	—	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1583.00
ZR57K3ETFD930	R22	58,500	460/3/60	10.0	—	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1583.00
ZR61K3EPFV930	R22	62,000	208-230/1/60	32.1	80 x 370	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1501.00
ZR61K3ETF5930	R22	62,000	200-230/3/60	19.3	—	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1709.00
ZR61K3ETFD930	R22	62,000	460/3/60	10.0	—	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1667.00
ZR67KWE-PFV-930	R22	70,000	200-230/1/60	20.7	80 x 440	7.5 x 7.5	17.75	7/8 S	1/2 S	87	Call
ZR68KCETF5930	R22	70,000	200-230/3/60	20.7	—	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1622.00
ZR68KCETFD930	R22	70,000	460/3/60	10.0	—	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1622.00
ZR72KCETF5950	R22	73,500	200-230/3/60	20.7	—	7.5 x 7.5	17.70	7/8 S	1/2 S	87	1681.00

Part No.	Refrig	Capacity (BTUH)	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
								Suction	Discharge		
ZR72KCE-TF5-965	R22	73,500	200-230/3/60	20.7	—	7.5 x 7.5	17.70	1-1/4 RL	1 RL	87	Call
ZR72KCE-TFD-965	R22	73,500	460/3/60	10.0	—	7.5 x 7.5	17.75	1-1/4 RL	1 RL	87	Call
ZR72KCETFD950	R22	73,500	460/3/60	10	—	7.5 x 7.5	17.75	7/8 S	1/2 S	85	1681.00
ZR81KCETF5950	R22	82,000	200-230/3/60	25	—	7.5 x 7.5	17.95	7/8 S	3/4 S	86	1992.00
ZR81KCETFD950	R22	82,000	460/3/60	12.1	—	7.5 x 7.5	17.95	7/8 S	3/4 S	86	1992.00
ZR84KCETF5950	R22	84,000	200-230/3/60	28.6	—	7.5 x 7.5	18.80	1-1/8 S	7/8 S	127	3099.00
ZR84KCETFD950	R22	84,000	460/3/60	14.2	—	7.5 x 7.5	18.80	2-1/8 S	7/8 S	127	3099.00
ZR90K3ETWC961	R22	88,800	208-230/3/60	27.2	—	8.7 x 8.7	21.17	1-3/4 RL	1-1/4 RL	197	4513.00
ZR90K3ETWD961	R22	88,800	460/3/60	14.3	—	8.7 x 8.7	21.17	1-3/4 RL	1-1/4 RL	197	4513.00
ZR94KCETF5950	R22	95,600	200-230/3/60	32.1	—	7.5 x 7.5	18.80	1-1/8 S	7/8 S	150	3109.00
ZR94KCETFD950	R22	95,600	460/3/60	16.4	—	7.5 x 7.5	18.80	1-1/8 S	7/8 S	150	3205.00
ZR94KCE-TF5-965	R22	95,600	200-230/3/60	32.1	—	7.5 x 7.5	18.80	1-3/4 RL	1-1/4 RL	150	Call
ZR94KCE-TFD-965	R22	95,600	460/3/60	16.4	—	7.5 x 7.5	18.80	1-3/4 RL	1-1/4 RL	150	Call
ZR108KCETF5950	R22	108,000	200-230/3/60	33.6	—	7.5 x 7.5	21.50	1-3/8 S	7/8 S	150	3447.00
ZR108KCETF5965	R22	108,000	200-230/3/60	33.6	—	7.5 x 7.5	21.50	1-3/4 RL	1-1/4 RL	150	Call
ZR108KCETFD950	R22	108,000	460/3/60	17.3	—	7.5 x 7.5	21.50	1-3/8 S	7/8 S	150	3447.00
ZR108KCETFD965	R22	108,000	460/3/60	17.3	—	7.5 x 7.5	21.50	1-3/4 RL	1-1/4 RL	150	Call
ZR11M3E-TWC-961	R22	108,000	208-230/3/60	33.3	—	8.7 x 8.7	21.20	1-3/4 RL	1-1/4 RL	221	Call
ZR11M3E-TWD-961	R22	108,000	460/3/60	17.0	—	8.7 x 8.7	21.20	1-3/4 RL	1-1/4 RL	221	4799.00
ZR11M3E-TWC-961	R407C,-R22	105,000	208-230/3/60	38.2	—	8.7 x 8.7	21.17	1-3/4 RL	1-1/4 RL	212	Call
ZR11M3E-TWD-961	R407C, R22	105,000	460/3/60	18.6	—	8.7 x 8.7	21.17	1-3/4 RL	1-1/4 RL	212	4799.00
ZR125KCE-TF5-950	R22	125,000	200-230/3/60	42.0	—	7.5 x 7.5	21.50	1-3/8 S	7/8 S	150	3674.00
ZR125KCE-TF5-965	R22	125,000	200-230/3/60	42.0	—	7.5 x 7.5	21.50	1-3/4 RL	1-1/4 RL	150	Call
ZR125KCE-TFD-950	R22	125,000	460/3/60	19.2	—	7.5 x 7.5	21.50	1-3/8 S	7/8 S	150	3674.00
ZR125KCETFD965	R22	125,000	460/3/60	19.2	—	7.5 x 7.5	21.50	1-3/4 RL	1-1/4 RL	150	3748.00
ZR125KCE-TF5-950	R407C, R22	125,000	200-230/3/60	41.4	—	7.5 x 7.5	21.00	1-3/8 S	7/8 S	135	3674.00
ZR125KCE-TFD-950	R407C, R22	125,000	460/3/60	19.2	—	7.5 x 7.5	21.00	1-3/8 S	7/8 S	135	3674.00
ZR12M3E-TWC-961	R22	125,000	208-230/3/60	39.5	—	8.7 x 8.7	21.20	1-3/4 RL	1-1/4 RL	221	4969.00
ZR12M3E-TWD-961	R22	125,000	460/3/60	18.8	—	8.7 x 8.7	21.20	1-3/4 RL	1-1/4 RL	221	4969.00
ZR12M3E-TWC-961	R407C, R22	122,000	208-230/3/60	41.1	—	8.7 x 8.7	21.17	1-3/4 RL	1-1/4 RL	221	4969.00
ZR12M3E-TWD-961	R407C, R22	122,000	460/3/60	22.1	—	8.7 x 8.7	21.17	1-3/4 RL	1-1/4 RL	221	4969.00
ZR144KCETF5950	R22	144,000	200-230/3/60	47.1	—	7.5 x 7.5	21.50	1-3/8 S	7/8 S	150	3914.00
ZR144KCETFD950	R22	144,000	460/3/60	19.6	—	7.5 x 7.5	21.50	1-3/8 S	7/8 S	150	3914.00
ZR160KCE-TW5-950	R407C, R22	154,000	200-230/3/60	55.0	—	7.5 x 7.5	22.00	1-3/8 S	7/8 S	200	Call
ZR160KCE-TW5-965	R407C, R22	154,000	200-230/3/60	55.0	—	7.5 x 7.5	21.47	1-3/4 RL	1-1/4 RL	200	Call
ZR160KCE-TWD-950	R407C, R22	154,000	460/3/60	25.7	—	7.5 x 7.5	21.47	1-3/8 S	7/8 S	200	Call
ZR160KCE-TWD-965	R407C, R22	154,000	460/3/60	25.7	—	7.5 x 7.5	21.47	1-3/4 RL	1-1/4 RL	200	4371.00
ZR160KCE-TW5-950	R22	154,000	200-230/3/60	55.0	—	7.5 x 7.5	22.00	1-3/8 S	7/8 S	200	Call
ZR160KCE-TW5-965	R22	154,000	200-230/3/60	55.0	—	7.5 x 7.5	22.00	1-3/4 RL	1-1/4 RL	200	Call
ZR160KCE-TWD-950	R22	154,000	460/3/60	25.7	—	7.5 x 7.5	22.00	1-3/8 S	7/8 S	200	Call
ZR160KCE-TWD-965	R22	154,000	460/3/60	25.7	—	7.5 x 7.5	22.00	1-3/4 RL	1-1/4 RL	200	4371.00
ZR190KCE-TW5-950	R407C, R22	181,000	200-230/3/60	60.0	—	7.5 x 7.5	22.00	1-3/8 S	7/8 S	200	4701.00
ZR190KCE-TW5-965	R407C, R22	181,000	200-230/3/60	60.0	—	7.5 x 7.5	22.00	1-3/4 RL	1-1/4 RL	200	Call
ZR190KCE-TWD-950	R407C, R22	181,000	460/3/60	31.4	—	7.5 x 7.5	22.00	1-3/8 S	7/8 S	200	Call
ZR190KCE-TWD-965	R407C, R22	181,000	460/3/60	31.4	—	7.5 x 7.5	22.00	1-3/4 RL	1-1/4 RL	200	4778.00
ZR190KCE-TW5-950	R22	181,000	200-230/3/60	60.0	—	7.5 x 7.5	22.00	1-3/8 S	7/8 S	200	4701.00
ZR190KCE-TW5-965	R22	181,000	200-230/3/60	60.0	—	7.5 x 7.5	22.00	1-3/4 RL	1-1/4 RL	200	Call
ZR190KCE-TWD-950	R22	181,000	460/3/60	31.4	—	7.5 x 7.5	22.00	1-3/8 S	7/8 S	200	Call
ZR190KCE-TWD-965	R22	181,000	460/3/60	31.4	—	7.5 x 7.5	22.00	1-3/4 RL	1-1/4 RL	200	4778.00
ZR250KCE-TW5-951	R407C, R22	240,000	200-230/3/60	81.4	—	10.5 x 10.5	28.60	1-5/8 S	1-3/8 S	320	Call
ZR250KCE-TW5-965	R407C, R22	240,000	200-230/3/60	81.4	—	10.5 x 10.5	28.60	2-1/4 RL	1-3/4 RL	308	Call
ZR250KCE-TWD-951	R407C, R22	240,000	460/3/60	37.9	—	10.5 x 10.5	28.60	1-5/8 S	1-3/8 S	320	Call
ZR250KCE-TWD-965	R407C, R22	240,000	460/3/60	37.9	—	10.5 x 10.5	28.60	1-1/4 RL	1-3/4 RL	308	8408.00
ZR250KCE-TW5-951	R22	250,000	200-230/3/60	81.4	—	10.5 x 10.5	28.60	1-5/8 S	1-3/8 S	320	Call
ZR250KCE-TW5-965	R22	250,000	200-230/3/60	81.4	—	10.5 x 10.5	28.60	2-1/4 RL	1-3/4 RL	320	Call
ZR250KCE-TWD-951	R22	250,000	460/3/60	37.9	—	10.5 x 10.5	28.60	1-5/8 S	1-3/8 S	308	Call
ZR250KCE-TWD-965	R22	250,000	460/3/60	40.5	—	10.5 x 10.5	29.00	2-1/4 RL	1-3/4 RL	308	8408.00
ZR300KCE-TW5-951	R407C, R22	293,000	200-230/3/60	100	—	10.5 x 10.5	28.50	2-1/8 S	1-3/8 S	430	Call

AIR CONDITIONING COMPRESSORS

SCROLL COMPRESSOR

ZR SERIES, 1 1/2 TO 25 HP

Part No.	Refrig	Capacity (BTUH)	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
								Suction	Discharge		
ZR300KCE-TW5-965	R407C, R22	293,000	200-230/3/60	100	—	10.5 x 10.5	28.50	2-1/4 RL	1-3/4 RL	406	Call
ZR300KCE-TWD-951	R407C, R22	293,000	460/3/60	48.6	—	10.5 x 10.5	28.50	2-1/8 S	1-3/8 S	430	Call
ZR300KCE-TWD-965	R407C, R22	293,000	460/3/60	48.6	—	10.5 x 10.5	28.50	2-1/4 RL	1-3/4 RL	406	10013.00
ZR300KCE-TW5-951	R22	296,000	200-230/3/60	87.9	—	10.5 x 10.5	28.50	2-1/8 S	1-3/8 S	430	Call
ZR300KCE-TW5-965	R22	296,000	200-230/3/60	87.9	—	10.5 x 10.5	28.50	2-1/4 RL	1-3/4 RL	406	Call
ZR300KCE-TWD-951	R22	296,000	460/3/60	42.9	—	10.5 x 10.5	28.50	2-1/8 S	1-3/8 S	406	Call
ZR300KCE-TWD-965	R22	296,000	460/3/60	42.9	—	10.5 x 10.5	28.50	2-1/4 RL	1-3/4 RL	406	10013.00
ZR380KCE-TWC-965	R407C, R22	374,000	208-230/3/60	121.4	—	10.5 x 10.5	28.50	2-1/4 RL	1-3/4 RL	440	Call
ZR380KCE-TWD-965	R407C, R22	374,000	460/3/60	59.3	—	10.5 x 10.5	28.50	2-1/4 RL	1-3/4 RL	440	Call

(Call) Please contact your local Aireco branch for pricing.

AIR CONDITIONING COMPRESSORS

SCROLL COMPRESSOR

ZP SERIES, 1 1/2 TO 15 HP, R410A



- Suitable for air conditioning applications.
- **Capacitor** required, not provided
- **(Bold) Connection** = Rotolock valve, adapter required (961suffix)

COPELAND

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
ZP16K3EPFV930	15,500	208-230/1/60	11.4	40 x 370	7.5 x 7.5	14.62	3/4 S	1/2 S	59	Call
ZP23K3EPFV930	23,500	208-230/1/60	15.0	40 x 370	7.5 x 7.5	15	3/4 S	1/2 S	63	Call
ZP23K3ETFD930	23,400	460/3/60	5.0	—	7.5 x 7.5	15	3/4 S	1/2 S	60	Call
ZP26K3EPFV930	25,700	208-230/1/60	16.4	45 x 370	7.5 x 7.5	15	3/4 S	1/2 S	64	1125.00
ZP26K3ETF5930	25,500	200-230/3/60	11.6	—	7.5 x 7.5	15	3/4 S	1/2 S	60	Call
ZP26K3ETFD930	25,700	460/3/60	5.0	—	7.5 x 7.5	15	3/4 S	1/2 S	60	Call
ZP32K3EPFV930	31,300	208-230/1/60	17.1	45 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	68	Call
ZP32K3ETF5930	31,800	200-230/3/60	12.9	—	7.5 x 7.5	15.86	3/4 S	1/2 S	62	Call
ZP32K3ETFD930	30,500	460/3/60	5.7	—	7.5 x 7.5	15.86	3/4 S	1/2 S	62	1361.00
ZP36K3EPFV930	36,200	208-230/1/60	20.7	55 x 370	7.5 x 7.5	16.5	3/4 S	1/2 S	69	Call
ZP36K3ETF5930	36,200	200-230/3/60	15.0	—	7.5 x 7.5	16.5	3/4 S	1/2 S	67	Call
ZP36K3ETFD930	35,600	460/3/60	7.1	—	7.5 x 7.5	16.5	3/4 S	1/2 S	67	Call
ZP38K3EPFV930	37,800	208-230/1/60	21.4	55 x 370	7.5 x 7.5	16.5	3/4 S	1/2 S	68	Call
ZP38K3ETF5930	37,600	200-230/3/60	15.0	—	7.5 x 7.5	15.96	3/4 S	1/2 S	66	Call
ZP38K3ETFD930	37,600	460/3/60	7.9	—	7.5 x 7.5	15.96	3/4 S	1/2 S	66	Call
ZP41K3EPFV930	41,000	208-230/1/60	22.9	60 x 370	7.5 x 7.5	16.38	3/4 S	1/2 S	71	1344.00
ZP41K3ETF5930	41,200	200-230/3/60	16.2	—	7.5 x 7.5	15.96	3/4 S	1/2 S	65	Call
ZP41K3ETFD930	40,700	460/3/60	7.9	—	7.5 x 7.5	15.96	3/4 S	1/2 S	65	Call
ZP44K3ETF5930	44,300	200-230/3/60	17.9	—	7.5 x 7.5	15.106	3/4 S	1/2 S	65	Call
ZP44K3ETFD930	44,300	460/3/60	7.9	—	7.5 x 7.5	15.106	3/4 S	1/2 S	65	Call
ZP50K3ETF5930	51,500	200-230/3/60	19.6	—	7.5 x 7.5	18.16	7/8 S	1/2 S	87	Call
ZP54K3EPFV930	54,500	460/3/60	30.7	80 x 370	7.5 x 7.5	18.16	7/8 S	1/2 S	97	1668.00
ZP54K3ETF5930	54,500	200-230/3/60	20.2	—	7.5 x 7.5	18.16	7/8 S	1/2 S	84	1798.00
ZP54K3ETFD930	54,400	460/3/60	10.0	—	7.5 x 7.5	18.16	7/8 S	1/2 S	84	1798.00
ZP57K3EPFV930	57,000	208-230/1/60	33.6	80 x 370	7.5 x 7.5	18.16	7/8 S	1/2 S	98	1710.00
ZP57K3ETF5930	57,000	200-230/3/60	22.9	—	7.5 x 7.5	18.16	7/8 S	1/2 S	92	Call
ZP57K3ETFD930	58,000	460/3/60	10.7	—	7.5 x 7.5	18.16	7/8 S	1/2 S	98	Call
ZP103KCETF5950	105,000	200-230/3/60	33.6	—	7.5 x 7.5	21.75	1-3/8 S	7/8 S	132	Call
ZP103KCETFD950	105,000	460/3/60	18.6	—	7.5 x 7.5	21.75	1-3/8 S	7/8 S	132	Call
ZP120KCETF5950	121,000	200-230/3/60	37.1	—	7.5 x 7.5	21.75	1-3/8 S	7/8 S	135	Call
ZP120KCETFD950	121,000	460/3/60	20.0	—	7.5 x 7.5	21.75	1-3/8 S	7/8 S	135	Call
ZP154KCETW5950	155,000	200-230/3/60	57.1	—	7.5 x 7.5	21.75	1-3/8 S	7/8 S	146	4173.00
ZP154KCETWD950	155,000	460/3/60	25.7	—	7.5 x 7.5	21.75	1-3/8 S	7/8 S	143	Call
ZP182KCETW5950	183,000	208-230/3/60	62.1	—	7.5 x 7.5	21.71	1-3/8 S	7/8 S	146	Call
ZP182KCETWD950	183,000	460/3/60	30.0	—	7.5 x 7.5	21.71	1-3/8 S	7/8 S	146	4568.00
ZP235KCETWC951	235,000	208-230/3/60	82.4	—	10.5 x 10.5	29.0	1-3/8 S	1-3/8 S	324	Call
ZP235KCETWD951	235,000	460/3/60	33.9	—	10.5 x 10.5	29.0	1-3/8 S	1-3/8 S	324	Call
ZP385KCETWC965	385,000	208-230/3/60	122.1	—	10.5 x 10.5	28.9	2-1/4 RL	1-3/4 RL	390	Call
ZP385KCETWD965	385,000	460/3/60	60.7	—	10.5 x 10.5	28.9	2-1/4 RL	1-3/4 RL	390	Call

(Call) Please contact your local Aireco branch for pricing.

Copeland Scroll™ compressors for refrigeration applications

COPELAND™

Setting new standards in efficiency and reliability

Copeland Scroll K5 compressors

- The highest energy efficiency available: Lowering utility bills and CO_2 emissions
- Superior reliability and onboard CoreSense™ Diagnostics prevent unnecessary service calls and extend compressor life
- Optional digital technology provides even more benefits with tighter suction, temperature control, 10% - 100% capacity modulation and reduced cycling
- Approved for use with multiple refrigerants





Copeland Scroll ZS*KA compressors

- Significant reliability gains due to 70% fewer moving parts and less operating fatigue than standard reciprocating hermetic compressors
- Exceeds the U.S. Department of Energy Annual Walk-in Efficiency Factor (AWEF) requirements
- Wide operating envelope of -25°F to 45°F
- Approved for use with multiple refrigerants

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To learn more contact your Aireco sales representative or branch location.

AIR CONDITIONING COMPRESSORS

SCROLL COMPRESSOR

TANDEM R22 & 407C



Tandem scroll compressor systems offer higher capacities, unloading efficiencies and the reliability of the Copeland scroll technology.

- Rated load amps at full capacity (estimated)
- Capacity rated +45°F SST, 130°F Condensing

COPELAND

Part No.	Capacity (BTUH) Full/Half	Voltage	RLA (Amps)	Overall Dimensions (In.) L	W	H	Connections (In.) Suction	Discharge	Mount (In.) L x W	Ship Wgt. (Lbs.)	Price
ZRT96K3-PFV-930	98,500/49,400	208-230/1/60	—	24.33	11.37	17.99	1-1/8 S	3/4 S	21.5 x 7.5	136	Call
ZRT96KC-TF5-930	96,800/46,000	200-230/3/60	—	24.33	11.37	17.99	1-1/8 S	3/4 S	21.5 x 7.5	136	Call
ZRT96KC-TFD-930	96,800/48,600	460/3/60	—	24.33	11.37	17.99	1-1/8 S	3/4 S	21.5 x 7.5	136	Call
ZRT96K3E-TF5-930	92,500/46,800	200-230/3/60	—	24.33	11.37	17.99	1-1/8 S	3/4 S	21.5 x 7.5	136	Call
ZRT96K3E-TFD-930	97,000/49,300	460/3/60	—	24.33	11.37	17.99	1-1/8 S	3/4 S	21.5 x 7.5	136	Call
ZRT108K3-PFV-950	109,000/54,300	208-230/1/60	—	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	200	Call
ZRT108K3-TF5-950	108,000/53,900	200-230/3/60	38.6	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	200	Call
ZRT108K3-TFD-950	108,000/53,900	460/3/60	15.0	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	200	Call
ZRT114K3-PFV-950	116,000/57,600	208-230/1/60	64.2	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	224	Call
ZRT114K3-TF5-950	115,000/57,400	200-230/3/60	38.6	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	224	Call
ZRT114K3-TFD-950	115,000/57,400	460/3/60	20.0	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	224	Call
ZRT122K3-PFV-950	121,000/60,600	208-230/1/60	64.2	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	225	Call
ZRT122K3TF5950	121,000/60,600	200-230/3/60	30.8	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	192	4093.00
ZRT122K3TFD950	121,000/60,600	460/3/60	15.4	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	192	4093.00
ZRT136KC-TF5-950	137,000/68,500	200-230/3/60	41.4	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	205	Call
ZRT136KC-TFD-950	137,000/68,500	460/3/60	20.0	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	205	Call
ZRT136KCE-TF5-950	132,000/65,500	200-230/3/60	41.4	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	205	Call
ZRT136KCE-TFD-950	132,000/65,500	460/3/60	20.0	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	205	Call
ZRT136KCE-TF5-930	132,000/65,500	200-230/3/60	41.4	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	205	Call
ZRT136KCE-TFD-930	132,000/65,500	460/3/60	20.0	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	205	Call
ZRT144KCTF5950	144,000/72,700	200-230/3/60	36.6	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	202	4177.00
ZRT144KCTFD950	144,000/72,700	460/3/60	18.3	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	202	4168.00
ZRT144KCETF5950	137,000/68,500	200-230/3/60	41.4	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	205	4287.00
ZRT144KCETFD950	137,000/68,500	460/3/60	20.0	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	205	4287.00
ZRT162KC-TF5-950	163,000/81,500	200-230/3/60	50.0	24.65	12.50	19.02	1-1/8 S	1-1/8 S	21.5 x 7.5	205	Call
ZRT162KC-TFD-950	163,000/81,500	460/3/60	24.2	24.65	12.50	19.02	1-1/8 S	1-1/8 S	21.5 x 7.5	205	Call
ZRT162KCE-TF5-950	154,000/77,500	200-230/3/60	50.0	24.65	12.50	19.02	1-1/8 S	1-1/8 S	21.5 x 7.5	205	Call
ZRT162KCE-TFD-950	154,000/77,500	460/3/60	24.2	24.65	12.50	19.02	1-1/8 S	1-1/8 S	21.5 x 7.5	205	Call
ZRT168KC-TF5-950	171,000/—	200-230/3/60	—	25.00	12.30	19.50	1-5/8 S	1-3/8 S	19.75 x 10.0	285	Call
ZRT168KC-TFD-950	171,000/—	460/3/60	—	25.00	12.30	19.50	1-5/8 S	1-3/8 S	19.75 x 10.0	280	Call
ZRT188KC-TF5-950	189,000/94,600	200-230/3/60	50.0	35.08	17.75	22.40	1-5/8 S	1-1/8 S	14.67 x 8.66	500	Call
ZRT188KC-TFD-950	189,000/94,600	460/3/60	25.0	35.08	17.75	22.40	1-5/8 S	1-1/8 S	14.67 x 8.66	500	Call
ZRT216KC-TF5-950	215,000/108,000	200-230/3/60	67.2	25.00	12.30	22.70	1-5/8 S	1-3/8 S	19.75 x 10.0	283	Call
ZRT216KC-TFD-950	215,000/108,000	460/3/60	34.6	25.00	12.30	22.70	1-5/8 S	1-3/8 S	19.75 x 10.0	283	Call
ZRT250KCTF5950	252,000/126,000	200-230/3/60	—	35.08	17.75	22.40	1-5/8 S	1-3/8 S	14.67 x 8.66	500	9783.00
ZRT250KCTFD950	252,000/126,000	460/3/60	—	35.08	17.75	22.40	1-5/8 S	1-3/8 S	14.67 x 8.66	500	9763.00
ZRT288KC-TF5-950	288,000/143/000	200-230/3/60	94.2	25.00	12.30	22.70	1-5/8 S	1-3/8 S	19.75 x 10.0	289	Call
ZRT288KCTFD950	288,000/143/000	460/3/60	47.2	25.00	12.30	22.70	1-5/8 S	1-3/8 S	19.75 x 10.0	289	10004.00
ZRT320KC-TW5-976	319,000/—	200-230/3/60	—	25.00	12.3	23.5	1-5/8 S	1-3/8 S	19.75 x 10.0	300	Call
ZRT320KC-TWD-976	319,000/—	460/3/60	—	25.00	12.30	23.50	1-5/8 S	1-3/8 S	19.75 x 10.0	300	Call
ZRT380KC-TW5-976	378,000/—	200-230/3/60	—	25.00	12.30	23.50	1-5/8 S	1-3/8 S	19.75 x 10.0	320	Call
ZRT380KCTWD976	378,000/—	460/3/60	—	25.00	12.30	23.50	1-5/8 S	1-3/8 S	19.75 x 10.0	320	11410.00
ZRT500KC-TW5-951	482,000/—	200-230/3/60	—	41.40	21.60	29.50	2-5/8 S	1-5/8 S	30.55 x 10.50	680	Call
ZRT500KC-TWD-951	482,000/—	460/3/60	—	41.40	21.60	29.76	2-5/8 S	1-5/8 S	30.55 x 10.47	560	Call
ZRT500KCE-TWC-951	471,000/—	208-230/3/60	162.8	41.40	21.60	29.50	2-5/8 S	1-5/8 S	30.55 x 10.47	659	Call

AIR CONDITIONING COMPRESSORS

SCROLL COMPRESSOR

TANDEM R22 & 407C

Part No.	Capacity (BTUH) Full/Half	Voltage	RLA (Amps)	Overall Dimensions (In.) L	W	H	Connections (In.) Suction	Discharge	Mount (In.) L x W	Ship Wgt. (Lbs.)	Price
ZRT500KCE-TWD-951	471,000/—	460/3/60	81.0	41.40	21.60	29.50	2-5/8 S	1-5/8 S	30.55 x 10.47	659	Call
ZRT600KC-TW5-951	586,000/—	200-230/3/60	—	42.20	23.05	29.39	3 1/8 S	1-5/8 S	30.55 x 10.47	890	Call
ZRT600KC-TWD-951	586,000/—	460/3/60	85.8	42.20	23.05	29.39	3 1/8 S	1-5/8 S	30.55 x 10.47	864	Call
ZRT760KC-TWD-951	747,000/—	460/3/60	—	42.20	22.70	29.39	3 1/8 S	1-5/8 S	30.55 x 10.47	864	Call

(Call) Please contact your local Aireco branch for pricing.

TANDEM, R410A

Part No.	Capacity (BTUH) Full/Half	Voltage	RLA (Amps)	Overall Dimensions (In.) L	W	H	Connections (In.) Suction	Discharge	Mount (In.) L x W	Ship Wgt. (Lbs.)	Price
ZPT114KCETFD950	114,000/57,000	460/3/60	—	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	217	Call
ZPT122KCETF5950	121,000/60,500	208-230/3/60	—	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	217	Call
ZPT122KCETFD950	121,000/60,500	460/3/60	—	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	217	Call
ZPT144KCETF5950	141,000/70,500	208-230/3/60	—	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	205	Call
ZPT166KCETF5950	164,000/82,000	208-230/3/60	—	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	186	Call
ZPT166KCETFD950	164,000/82,000	460/3/60	—	24.65	11.69	18.80	1-1/8 S	3/4 S	21.5 x 7.5	186	Call
ZPT180KCETF5975	181,000/-	208-230/3/60	—	25.00	12.30	19.50	1-5/8 S	1-3/8 S	19.75 x 10.0	271	Call
ZPT180KCETFD975	181,000/-	460/3/60	—	25.00	12.30	19.50	1-5/8 S	1-3/8 S	19.75 x 10.0	270	Call
ZPT206KCETF5975	210,000/-	208-230/3/60	—	25.00	12.30	22.70	1-5/8 S	1-3/8 S	19.75 x 10.0	283	Call
ZPT206KCETFD975	210,000/-	460/3/60	—	25.00	12.30	22.70	1-5/8 S	1-3/8 S	19.75 x 10.0	283	Call
ZPT240KCETF5975	246,000/-	208-230/3/60	—	25.00	12.30	22.70	1-5/8 S	1-3/8 S	19.75 x 10.0	289	Call
ZPT274KCETF5975	270,000/-	208-230/3/60	—	25.00	12.30	22.70	1-5/8 S	1-3/8 S	19.75 x 10.0	289	Call
ZPT274KCETFD975	270,000/-	460/3/60	—	25.00	12.30	22.70	1-5/8 S	1-3/8 S	19.75 x 10.0	289	Call
ZPT308KCETWC975	307,000/-	208-230/3/60	—	25.00	12.30	23.50	1-5/8 S	1-3/8 S	19.75 x 10.0	286	Call
ZPT308KCETWD975	307,000/-	460/3/60	—	25.00	12.30	23.50	1-5/8 S	1-3/8 S	19.75 x 10.0	286	Call
ZPT364KCETWC975	361,000/-	208-230/3/60	—	25.00	12.30	23.50	1-5/8 S	1-3/8 S	19.75 x 10.0	292	Call
ZPT364KCETWD975	361,000/-	460/3/60	—	25.00	12.30	23.50	1-5/8 S	1-3/8 S	19.75 x 10.0	292	Call
ZPT470KCETWC951	464,000/-	208-230/3/60	—	41.40	21.60	29.50	2-5/8 S	1-5/8 S	30.58 x 10.5	697	20446.00
ZPT590KCETWC951	585,000/-	208-230/3/60	—	42.20	22.70	29.39	2-5/8 S	1-5/8 S	30.58 x 10.5	752	Call
ZPT770KCETWC951	765,000/-	208-230/3/60	—	42.20	22.70	29.39	2-5/8 S	1-5/8 S	30.58 x 10.5	826	Call
ZPT770KCETWD951	765,000/-	460/3/60	—	42.20	22.70	29.39	2-5/8 S	1-5/8 S	30.58 x 10.5	826	Call

COMFORT ALERT™



Diagnostic tool for systems with Copeland Scroll compressors. Entry level technician first diagnosis accuracy increased from 17% to 92%, experienced technician accuracy from 63% to 100%.
Detects following system and electrical problem conditions:

- Long Run Time
- System Pressure Trip
- Short Cycling
- Locked Rotor
- Open Circuit
- Open Run/Open Start Circuit
- Welded Contactor
- Low Supply Voltage

COPELAND

Part No.	Usage	Price
943-0012-00	Heat Pump, Ultra Tech	Call

AIR CONDITIONING COMPRESSORS

SCROLL COMPRESSOR

RESIDENTIAL/LIGHT COMMERCIAL



Performer® scroll compressors are specially designed for commercial AC applications. There is no contact between the scroll flanks in a Performer scroll compressor. The ultra-precise scroll profiles with controlled orbit, roll and slide on an oil film without friction or wear. Floating tip seals ensure axial sealing with low friction losses. With these techniques, the Performer scroll compressor combines high energy efficiency with low sound and vibration characteristics. The 100% suction gas cooled and shielded motor, built-in motor protection, large oil reserve and large internal free volume ensure high reliability and long lifetime.

HRM SERIES

- Rotolock connections require valve or adapter

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
HRM032U1LP6	32312	208-230/1/60	16.7	7.5 x 7.5	15.53	3/4	1/2	63	Call
HRM032U2LP6	31824	208-230/3/60	11.2	7.5 x 7.5	15.53	3/4	1/2	63	Call
HRM032U4LP6	31824	460/3/60	6.1	7.5 x 7.5	15.53	3/4	1/2	63	Call
HRM034U1LP6	33500	208-230/1/60	16.7	7.5 x 7.5	15.53	3/4	1/2	63	876.99
HRM034U2LP6	33537	208-230/3/60	11.2	7.5 x 7.5	15.53	3/4	1/2	63	Call
HRM034U4LP6	33537	460/3/60	6.1	7.5 x 7.5	15.53	3/4	1/2	63	Call
HRM038U1LP6	38000	208-230/1/60	19.5	7.5 x 7.5	15.53	3/4	1/2	63	Call
HRM038U2LP6	38000	208-230/3/60	12.2	7.5 x 7.5	15.53	3/4	1/2	63	Call
HRM038U4LP6	38012	460/3/60	6.4	7.5 x 7.5	15.53	3/4	1/2	63	Call
HRM040U1LP6	40000	208-230/1/60	21.0	7.5 x 7.5	15.53	3/4	1/2	63	919.63
HRM040U2LP6	40007	208-230/3/60	12.8	7.5 x 7.5	15.53	3/4	1/2	72	Call
HRM040U4LP6	40007	460/3/60	6.4	7.5 x 7.5	15.53	3/4	1/2	63	Call
HRM042U1LP6	42000	208-230/1/60	17.3	7.5 x 7.5	15.53	3/4	1/2	72	Call
HRM042U2LP6	42000	208-230/3/60	14.1	7.5 x 7.5	15.53	3/4	1/2	72	Call
HRM042U4LP6	42034	460/3/60	7.1	7.5 x 7.5	15.53	3/4	1/2	72	Call
HRM047U1LP6	47500	208-230/1/60	24.4	7.5 x 7.5	16.53	7/8	1/2	72	995.18
HRM047U2LP6	47500	208-230/3/60	16.0	7.5 x 7.5	16.53	7/8	1/2	72	Call
HRM047U4LP6	47500	460/3/60	7.7	7.5 x 7.5	16.53	7/8	1/2	72	Call
HRM054U1LP6	53700	208-230/1/60	25.0	7.5 x 7.5	17.16	7/8	1/2	87	Call
HRM054U2LP6	53700	208-230/3/60	17.3	7.5 x 7.5	17.16	7/8	1/2	87	Call
HRM054U4LP6	53700	460/3/60	8.4	7.5 x 7.5	17.16	7/8	1/2	83	Call
HRM058U1LP6	57800	208-230/1/60	28.8	7.5 x 7.5	17.16	7/8	1/2	87	1184.30
HRM058U2LP6	57800	208-230/3/60	17.3	7.5 x 7.5	17.16	7/8	1/2	87	Call
HRM058U4LP6	57800	460/3/60	9.6	7.5 x 7.5	17.16	7/8	1/2	83	Call
HRM060U1LP6	59700	208-230/1/60	28.8	7.5 x 7.5	17.16	7/8	1/2	87	1196.27
HRM060U2LP6	59700	208-230/3/60	17.9	7.5 x 7.5	17.16	7/8	1/2	87	126.05
HRM060U4LP6	59700	460/3/60	9.6	7.5 x 7.5	17.16	7/8	1/2	83	Call

(Call) Please contact your local Aireco branch for pricing.

AIR CONDITIONING COMPRESSORS

SCROLL COMPRESSOR

SM SERIES, R22



- Rotolock connections require valve or adapter

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
SM115-3QAI	115,217	200-230/3/60	32.73	8.5 x 12	23.1	1 3/8	7/8	200	Call
SM115-3RI	115,217	200-230/3/60	32.73	8.5 x 12	23.1	1 3/4 RL x 1 1/8	1-1/4 RL x 3/4	200	Call
SM115-4QAI	115,217	460/3/60	14.63	8.5 x 12	23.1	1 3/8	7/8	200	Call
SM115-4RI	115,217	460/3/60	14.63	8.5 x 12	23.1	1-3/4-RL-x-1-1/8	1-1/4 RL x 3/4	200	Call
SM125-3QAI	126,419	200-230/3/60	34.35	8.5 x 12	23.1	1-3/8	7/8	200	Call
SM125-3RI	126,419	200-230/3/60	34.35	8.5 x 12	23.1	1-3/4-RL-x-1-1/8	1-1/4 RL x 3/4	200	Call
SM125-4QAI	126,419	460/3/60	15.95	8.5 x 12	23.1	1-3/8	7/8	200	Call
SM125-4RI	126,419	460/3/60	15.95	8.5 x 12	23.1	1-3/4-RL-x-1-1/8	1-1/4 RL x 3/4	200	Call
SM160-3RI	163,000	200-230/3/60	40.85	8.5 x 12	24.9	2-1/4-RL-x-1-3/8	1-3/4 RL x 7/8	225	Call
SM160-4RI	163,000	460/3/60	20.25	8.5 x 12	24.9	2-1/4-RL-x-1-3/8	1-3/4 RL x 7/8	225	Call
SM175-3QAI	174,357	200-230/3/60	47.04	11 x 12	26.7	1-5/8	1-1/8	250	Call
SM175-3RI	174,357	200-230/3/60	47.04	11 x 12	26.7	2-1/4-RL-x-1-3/8	1-3/4 RL x 7/8	250	Call
SM175-4QAI	174,357	460/3/60	22.37	11 x 12	26.7	1-5/8	1-1/8	250	Call
SM175-4RI	174,357	460/3/60	22.37	11 x 12	26.7	2-1/4-RL-x-1-3/8	1-3/4 RL x 7/8	250	Call
SM185-3QAI	185,475	200-230/3/60	48.73	11 x 12	26.7	1-5/8	1-1/8	250	Call
SM185-3RI	185,475	200-230/3/60	48.73	11 x 12	26.7	2-1/4-RL-x-1-3/8	1-3/4 RL x 7/8	250	Call
SM185-4QAI	185,475	460/3/60	23.76	11 x 12	26.7	1-5/8	1-1/8	250	Call
SM185-4RI	185,475	460/3/60	23.76	11 x 12	26.7	2-1/4-RL-x-1-3/8	1-3/4 RL x 7/8	250	Call

AIR CONDITIONING COMPRESSORS

SCROLL COMPRESSOR

SZ SERIES, R407C



- Rotolock connections require valve or adapter

Part No.	Capacity (BTUH)	HP	RLA (Amps)	Voltage	Mount (In.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
SZ084-3VI	76900	7	25.0	208-230/3/60	8.66 x 8.66	1-1/8	3/4	148	Call
SZ084-4VI	76900	7	12.1	460/3/60	8.66 x 8.66	1-1/8	3/4	148	Call
SZ090-3VI	83300	7.5	25.0	208-230/3/60	8.66 x 8.66	1-1/8	3/4	152	Call
SZ090-4VI	83300	7.5	13.2	460/3/60	8.66 x 8.66	1-1/8	3/4	152	Call
SZ100-3VI	90500	8	27.1	208-230/3/60	8.66 x 8.66	1-1/8	3/4	152	Call
SZ100-4VI	90500	8	13.6	460/3/60	8.66 x 8.66	1-1/8	3/4	152	Call
SZ110-3VI	102800	9	32.1	208-230/3/60	8.66 x 8.66	1-3/8	7/8	197	Call
SZ110-4VI	102800	9	15.7	460/3/60	8.66 x 8.66	1-3/8	7/8	197	Call
SZ115-3VI	112000	9.5	—	208-230/3/60	8.50 x 12.00	1-3/8	7/8	197	Call
SZ115-4VI	112000	9.5	—	460/3/60	8.50 x 12.00	1-3/8	7/8	197	Call
SZ120-3VI	118900	10	35.7	208-230/3/60	8.66 x 8.66	1-3/8	7/8	197	Call
SZ120-4VI	118900	10	20.7	460/3/60	8.66 x 8.66	1-3/8	7/8	197	Call
SZ125-3VI	119200	10	—	208-230/3/60	8.50 x 12.00	1-3/8	7/8	197	Call
SZ125-4VI	119200	10	—	460/3/60	8.50 x 12.00	1-3/8	7/8	197	Call
SZ160-3VI	155400	13	—	208-230/3/60	8.50 x 12.00	1-5/8	1 1/8	211	Call
SZ160-4VI	155400	13	—	460/3/60	8.50 x 12.00	1-5/8	1-1/8	211	Call
SZ161-3VI	156900	13	45.7	208-230/3/60	8.66 x 8.66	1-5/8	1-1/8	211	Call
SZ161-4VI	156900	13	22.9	460/3/60	8.66 x 8.66	1-5/8	1-1/8	211	Call
SZ175-3VI	166200	14	—	208-230/3/60	8.50 x 12.00	1-5/8	1-1/8	248	Call
SZ175-4VI	166200	14	—	460/3/60	8.50 x 12.00	1-5/8	1-1/8	248	Call
SZ185-3VI	176800	15	—	208-230/3/60	8.50 x 12.00	1-5/8	1-1/8	248	Call
SZ185-4VI	176800	15	—	460/3/60	8.50 x 12.00	1-5/8	1-1/8	248	Call
SZ240-3VI	242800	20	77.9	208-230/3/60	11.75 x 11.75	1-5/8	1-1/8	344	Call
SZ240-4VI	242800	20	35.7	460/3/60	11.75 x 11.75	1-5/8	1-1/8	344	Call
SZ300-3VI	300000	25	92.9	208-230/3/60	11.75 x 11.75	1-5/8	1-1/8	355	Call
SZ300-4VI	300000	25	49.3	460/3/60	11.75 x 11.75	1-5/8	1-1/8	355	Call
SZ380-3VI	368500	30	—	208-230/3/60	11.75 x 11.75	2-1/8	1-3/8	362	Call
SZ380-4VI	368500	30	—	460/3/60	11.75 x 11.75	2-1/8	1-3/8	362	Call

(Call) Please contact your local Aireco branch for pricing.

AIR CONDITIONING COMPRESSORS

SCROLL COMPRESSOR

H** SERIES, R410A



Danfoss

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Height (In.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
HRH031T1LP6	31000	2-1/2	208-230/1/60	17.0	16.3	3/4	1/2	68	Call
HRH031T2LP6	31000	2-1/2	208-230/3/60	12.8	16.3	3/4	1/2	68	Call
HRH032T1LP6	31998	2-1/2	208-230/1/60	16.0	16.3	3/4	1/2	68	Call
HRH032T2LP6	31998	2-1/2	208-230/3/60	12.8	16.3	3/4	1/2	68	Call
HRH036T1LP6	35407	3	208-230/1/60	21.5	16.3	3/4	1/2	68	Call
HRH036T2LP6	35407	3	208-230/3/60	14.1	16.3	3/4	1/2	68	Call
HRH038T1LP6	37940	3	208-230/1/60	21.0	16.3	3/4	1/2	71	Call
HRH038T2LP6	37940	3	208-230/3/60	14.7	16.3	3/4	1/2	71	Call
HRH040T1LP6	41539	3-1/4	208-230/1/60	21.0	17.3	7/8	1/2	71	Call
HRH040T2LP6	41539	3-1/4	208-230/3/60	16.0	17.3	7/8	1/2	71	Call
HRH041T1LP6	41310	3-1/4	208-230/1/60	22.4	17.9	7/8	1/2	82	Call
HRH041T2LP6	41310	3-1/4	208-230/3/60	16.0	17.9	7/8	1/2	82	Call
HRH044T1LP6	44408	3-3/4	208-230/1/60	24.3	17.9	7/8	1/2	82	Call
HRH044T2LP6	44408	3-3/4	208-230/3/60	16.7	17.9	7/8	1/2	82	Call
HRH049T1LP6	49023	4	208-230/1/60	25.0	17.9	7/8	1/2	82	Call
HRH049T2LP6	49023	4	208-230/3/60	16.7	17.9	7/8	1/2	82	Call
HRH051T1LP6	51835	4	208-230/1/60	26.3	17.9	7/8	1/2	82	Call
HRH051T2LP6	51835	4	208-230/3/60	17.6	17.9	7/8	1/2	82	Call
HRH054T1LP6	54528	4-1/2	208-230/1/60	29.0	17.9	7/8	1/2	82	Call
HRH054T2LP6	54528	4-1/2	208-230/3/60	17.3	17.9	7/8	1/2	82	Call
HRH056T1LP6	56924	4-3/4	208-230/1/60	30.1	17.9	7/8	1/2	82	Call
HRH056T2LP6	56924	4-3/4	208-230/3/60	17.3	17.9	7/8	1/2	82	Call
HLH068T2LC6	67435	6	208-230/3/60	23.0	17.9	7/8	1/2	82	Call
HLH068T4LC6	67435	6	460/3/60	12.2	17.9	7/8	1/2	82	Call
HLJ072T2LC6	72532	6-1/2	208-230/3/60	22.4	17.9	7/8	1/2	82	Call
HLJ072T4LC6	72532	6-1/2	460/3/60	12.2	17.9	7/8	1/2	82	Call
HLJ083T2LC6	83127	7	208-230/3/60	26.0	17.9	7/8	1/2	82	Call
HLJ083T4LC6	83127	7	460/3/60	13.0	17.9	7/8	1/2	82	Call

(Call) Please contact your local Aireco branch for pricing.

AIR CONDITIONING COMPRESSORS

SCROLL COMPRESSOR

H* SERIES, R407C R22

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Height (In.)	Connections (In.)		Ship Wgt. (Lbs.)	Price
						Suction	Discharge		
HRP038T1LP6	35500	3	208-230/1/60	—	16.3	3/4	1/2	68	Call
HRP038T2LP6	35500	3	208-230/3/60	12.2	16.3	3/4	1/2	68	Call
HRP040T1LP6	36500	3-1/4	208-230/1/60	—	16.3	3/4	1/2	68	Call
HRP040T2LP6	36500	3-1/4	208-230/3/60	12.8	16.3	3/4	1/2	68	Call
HRP042T1LP6	38500	3-1/2	208-230/1/60	—	16.3	3/4	1/2	68	Call
HRP042T2LP6	38500	3-1/2	208-230/3/60	14.1	16.3	3/4	1/2	68	Call
HRP045T1LP6	43500	3-3/4	208-230/1/60	—	17.3	7/8	1/2	68	Call
HRP045T2LP6	43500	3-3/4	208-230/3/60	16	17.3	7/8	1/2	68	Call
HRP047T1LP6	45100	4	208-230/1/60	—	17.3	7/8	1/2	68	Call
HRP047T2LP6	45100	4	208-230/3/60	16	17.3	7/8	1/2	68	Call
HRP048T1LP6	44800	4	208-230/1/60	—	17.9	7/8	1/2	82	Call
HRP048T2LP6	44800	4	208-230/3/60	—	17.9	7/8	1/2	82	Call
HRP051T1LP6	49000	4-1/4	208-230/1/60	25.6	17.9	7/8	1/2	82	Call
HRP051T2LP6	49000	4-1/4	208-230/3/60	16.7	17.9	7/8	1/2	82	Call
HRP054T1LP6	50900	4-1/2	208-230/1/60	—	17.9	7/8	1/2	82	Call
HRP054T2LP6	50900	4-1/2	208-230/3/60	—	17.9	7/8	1/2	82	Call
HRP058T1LP6	54500	4-3/4	208-230/1/60	—	17.9	7/8	1/2	82	Call
HRP058T2LP6	54500	4-3/4	208-230/3/60	—	17.9	7/8	1/2	82	Call
HRP060T1LP6	56100	5	208-230/1/60	—	17.9	7/8	1/2	82	Call
HRP060T2LP6	56100	5	208-230/3/60	16.7	17.9	7/8	1/2	82	Call
HLP068T2LC6	63500	5-1/2	208-230/3/60	—	17.9	7/8	1/2	82	Call
HLP068T4LC6	63500	5-1/2	460/3/60	—	17.9	7/8	1/2	82	Call
HLP072T2LC6	68100	6	208-230/3/60	—	17.9	7/8	1/2	82	Call
HLP072T4LC6	68100	6	460/3/60	9.6	17.9	7/8	1/2	82	Call
HLP075T2LC6	73000	6-1/2	208-230/3/60	—	17.9	7/8	1/2	82	Call
HLP075T4LC6	73000	6-1/2	460/3/60	10.3	17.9	7/8	1/2	82	Call
HLP081T2LC6	75300	7	208-230/3/60	21.1	17.9	7/8	3/4	82	Call
HLP081T4LC6	75300	7	460/3/60	11	17.9	7/8	3/4	82	Call
HCP094T2LC6	87500	7-1/2	208-230/3/60	25.6	21.1	1 1/8	7/8	97	Call
HCP094T4LC6	87500	7-1/2	460/3/60	13.5	21.1	1 1/8	7/8	97	Call
HCP109T2LC6	101500	9	208-230/3/60	—	21.5	1 1/8	7/8	100	Call
HCP109T4LC6	101500	9	460/3/60	16	21.5	1 1/8	7/8	100	Call
HCP120T2LC6	110800	10	208-230/3/60	35.3	21.5	1 1/8	7/8	100	Call
HCP120T4LC6	110800	10	460/3/60	19.2	21.5	1 1/8	7/8	100	Call

(Call) Please contact your local Aireco branch for pricing.

AIR CONDITIONING COMPRESSORS

RECIPROCATING COMPRESSOR

CR SERIES, R22 & 407C



- Suitable for applications 0°F to 45°F SST
- Capacity rated: 45°F evaporator; 130°F condensing
- Charged with mineral oil
- 980WB: Crankcase heater, mounting parts, screw terminals or terminal flag kit, sweat conn.,, terminal cover
- **Run Capacitor** = required (not provided).

COPELAND

Part No.	Capacity 45°F/130°F Cond R22 (BTUH)	Capacity 45°F/130°F Cond R407C (BTUH)	Refrig.	RLA (Amps)	Voltage	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)		Price
CR14K6EPFV875	—	13300	R407C R22	6.9	208-230/1/60	35 x 370	7.5 x 7.5	13-1/8	3/4	1/2	62	POE	Call
CR16K6E-PFV-875	—	15150	R407C R22	9.6	208-230/1/60	25 x 370	7.5 x 7.5	13-1/8	3/4	3/8	62	POE	743.00
CR16K6E-PFV-875	—	15150	R407C R22	9.6	208-230/1/60	25 x 370	7.5 x 7.5	13-1/8	3/4	3/8	62	POE	743.00
CR18K6EPFV875	—	16250	R407C R22	10.4	208-230/1/60	25 x 370	7.5 x 7.5	13-1/8	3/4	3/8	69	POE	748.00
CR18K6EPFJ875	—	16250	R407C R22	9.1	265/1/60	25 x 440	7.5 x 7.5	13-1/8	3/4	3/8	69	POE	Call
CR18K6ETF5875	—	16550	R407C R22	6.1	200-230/3/60	—	7.5 x 7.5	13-1/8	3/4	1/2	69	POE	935.00
CR18K6ETFD875	—	16600	R407C R22	3.0	460/3/60	—	7.5 x 7.5	13-1/8	3/4	1/2	69	POE	Call
CR20K6EPFV875	19600	17700	R407C,R22	10.6	208-230/1/60	30 x 370	7.5 x 7.5	13-1/4	3/4	3/8	62	POE	757.00
CR22K6EPFV875	22000	19900	R407C,R22	10.9	208-230/1/60	30 x 370	7.5 x 7.5	13-1/4	3/4	3/8	62	POE	763.00
CR22K6EPFJ875	22000	19900	R407C,R22	9.9	265/1/60	30 x 440	7.5 x 7.5	13-1/4	3/4	3/8	62	POE	811.00
CR22K6ETF5875	22000	19900	R407C,R22	7.5	200-230/3/60	—	7.5 x 7.5	13-1/4	3/4	3/8	62	POE	Call
CR22K6ETFD875	22000	19900	R407C,R22	3.9	460/3/60	—	7.5 x 7.5	13-1/4	3/4	3/8	62	POE	Call
CR24K6EPFV875	24000	22600	R407C,R22	12.4	208-230/1/60	35 x 370	7.5 x 7.5	13-3/8	3/4	3/8	65	POE	786.00
CR24K6EPFJ875	24000	22600	R407C,R22	10.9	265/1/60	35 x 440	7.5 x 7.5	13-3/8	3/4	3/8	65	POE	Call
CR24K6ETF5875	24000	22600	R407C,R22	7.7	200-230/3/60	—	7.5 x 7.5	13-3/8	3/4	3/8	66	POE	982.00
CR24K6ETFD875	24000	22600	R407C,R22	4.0	460/3/60	—	7.5 x 7.5	13-3/8	3/4	3/8	66	POE	Call
CR28K6EPFV875	28100	26100	R407C,R22	15.3	208-230/1/60	35 x 370	7.5 x 7.5	13-1/2	3/4	1/2	65	POE	832.00
CR28K6EPFJ875	28100	26100	R407C,R22	13.9	265/1/60	35 x 440	7.5 x 7.5	13-1/2	3/4	1/2	65	POE	Call
CR28K6ETF5875	28100	26100	R407C,R22	10.0	200-230/3/60	—	7.5 x 7.5	13-1/2	3/4	1/2	66	POE	1039.00
CR28K6ETFD875	28100	26100	R407C,R22	4.8	460/3/60	—	7.5 x 7.5	13-1/2	3/4	1/2	66	POE	1009.00
CR30K6EPFV875	30000	27100	R407C,R22	15	208-230/1/60	35 x 440	7.5 x 7.5	13-3/4	3/4	1/2	68	POE	879.00
CR30K6EPFJ875	30000	27100	R407C,R22	13.6	265/1/60	40 x 440	7.5 x 7.5	13-3/4	3/4	1/2	70	POE	Call
CR30K6ETF5875	29800	27100	R407C,R22	10.4	200-230/3/60	—	7.5 x 7.5	13-3/4	3/4	1/2	68	POE	Call
CR30K6ETFD875	29800	27100	R407C,R22	4.9	460/3/60	—	7.5 x 7.5	13-3/4	3/4	1/2	68	POE	1067.00
CR32K6EPFV875	32000	29300	R407C,R22	16.1	208-230/1/60	35 x 440	7.5 x 7.5	13-1/8	3/4	1/2	72	POE	922.00
CR32K6EPFJ875	32000	29300	R407C,R22	15.0	265/1/60	35 x 440	7.5 x 7.5	13-1/8	3/4	1/2	72	POE	Call
CR32K6ETF5875	31900	29300	R407C,R22	10.0	200-230/3/60	—	7.5 x 7.5	13-7/8	3/4	1/2	72	POE	1152.00
CR32K6ETFD875	31900	29300	R407C,R22	5.1	460/3/60	—	7.5 x 7.5	13-7/8	3/4	1/2	72	POE	1152.00
CR34K6EPFV875	34500	31200	R407C,R22	16.6	208-230/1/60	50 x 370	7.5 x 7.5	14	3/4	1/2	72	POE	938.00
CR35K6EPFV875	35000	31900	R407C,R22	18.0	208-230/1/60	40 x 370	7.5 x 7.5	14	3/4	1/2	72	POE	941.00
CR35K6ETF5875	34900	31900	R407C,R22	11.4	200-230/3/60	—	7.5 x 7.5	14	3/4	1/2	72	POE	1176.00
CR35K6ETFD875	34900	31900	R407C,R22	4.8	460/3/60	—	7.5 x 7.5	14	3/4	1/2	72	POE	1176.00
CR38K6EPFV875	38200	35000	R407C,R22	19.0	208-230/1/60	40 x 440	7.5 x 7.5	14-3/8	3/4	1/2	76	POE	990.00
CR38K6ETF5875	37900	35000	R407C,R22	11.9	200-230/3/60	—	7.5 x 7.5	14-3/8	3/4	1/2	76	POE	1238.00
CR38K6ETFD875	37900	35000	R407C,R22	5.9	460/3/60	—	7.5 x 7.5	14-3/8	3/4	1/2	76	POE	1238.00
CR42K6EPFV875	41900	39500	R407C,R22	20.4	208-230/1/60	40 x 440	7.5 x 7.5	13-7/8	3/4	1/2	76	POE	1082.00
CR42K6ETF5875	41700	39500	R407C,R22	14.0	200-230/3/60	—	7.5 x 7.5	14-5/8	3/4	1/2	76	POE	1352.00
CR42K6ETFD875	41700	39500	R407C,R22	6.4	460/3/60	—	7.5 x 7.5	14-5/8	3/4	1/2	76	POE	1352.00
CR47KQEPFV980WB	44500	—	R407C,R22	24.6	208-230/1/60	45 x 440	7.5 x 7.5	14-7/8	7/8	1/2	80	MIN	Call
CR47KQETF5980WB	43700	—	R407C,R22	16	200-230/3/60	—	7.5 x 7.5	14-7/8	7/8	1/2	80	MIN	Call
CR47KQETFD980WB	44000	—	R407C,R22	8.2	460/3/60	—	7.5 x 7.5	14-7/8	7/8	1/2	80	MIN	Call
CR53KQEPFV980WB	49900	—	R407C,R22	29	208-230/1/60	60 x 440	7.5 x 7.5	14-7/8	7/8	1/2	80	MIN	Call

(Call) Please contact your local Aireco branch for pricing.

AIR CONDITIONING COMPRESSORS

RECIPROCATING COMPRESSOR

RR, SERIES, R22 & 407C



- Capacity rated: 45°F evaporator; 130°F condensing
- Charged with alkylbenzene oil
- Includes mounting parts, sweat connections
- **Run capacitor** required but not provided

COPELAND

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
RR12K1EPFV901	11,200	1-1/2	208-230/1/60	7.1	20 x 370	8.0 x 4.8	11.1	1/2 S	5/16 S	51	Call
RR14K1EPFV900	14,200	1-1/2	208-230/1/60	8.5	25 x 370	8.0 x 4.8	11.1	1/2 S	3/8 S	51	Call
RR16K1EPFV900	16,050	1-3/4	208-230/1/60	9.5	25 x 370	8.0 x 4.8	11.8	1/2 S	3/8 S	51	Call
RR16K1EPFJ900	16,050	1-3/4	265/1/60	8.4	25 x 440	8.0 x 4.8	11.8	1/2 S	3/8 S	51	Call
RR17K1EPFV900	17,100	1-3/4	208-230/1/60	10.4	30 x 370	8.0 x 4.8	11.6	1/2 S	3/8 S	51	Call

AE, AJ, AK SERIES, R22



- Sweat connection
- Charged with alkybenzene oil
- K6981(quad), K6982 thru K6986 (tri) plates available for mounting AE, AK models, sold separately
- Capacity rated: 45°F evaporator; 130°F condensing
- Run capacitor required but not provided

Starting Torque - 4th digit 1, 3, 5, 6, 0, A - Normal: suitable for capillary tube and other self equalizing systems 2, 4, 7, 9 - High torque: for either expansion valve or capillary tube systems

Capacity Key-5th digit = number digits in capacity
6th, 7th digit = significant capacity digits (i.e., AEA4492AXA = High torque, 9,200 BTU)

Tecumseh

Part No.	Capacity (BTUH)	HP	Load Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Connections (In.) Suction	Connections (In.) Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
AEA5460EXA	6,000	1/2	115/1/60	7.0	15 x 370	None*	3/8	1/4	9-1/2	30	Call
AKA5470EXA	7,000	3/4	115/1/60	7.1	15 x 370	None*	3/8	1/4	11	36	Call
AKA5483EXA	8,300	3/4	115/1/60	9.0	15 x 370	None*	3/8	5/16	11	36	Call
AKA5483EXD	8,300	3/4	208-230/1/60	4.4	15 x 370	None*	3/8	1/4	11	36	Call
AKA5510EXA	10,000	1	115/1/60	10.5	25 x 370	None*	3/8	1/4	11	39	Call
AKA5510EXD	10,000	1	208-230/1/60	5.7	15 x 370	None*	3/8	1/4	11	39	Call
AKA5510EXV	10,000	1	265/1/60	5.0	15 x 370	None*	3/8	1/4	11	39	Call
AKA5511EXA	11,000	1	115/1/60	11.0	25 x 370	None*	3/8	1/4	11	39	Call
AKA5512EXA	12,000	1	115/1/60	12.5	25 x 370	None*	1/2	5/16	11	39	Call
AKA5512EXD	12,000	1	208-230/1/60	6.8	15 x 370	None*	1/2	5/16	11	39	Call
AKA5512EXV	12,000	1	265/1/60	5.5	15 x 440	None*	1/2	5/16	11	39	Call
AJB5515EXD	15,000	1	208-230/1/60	8.5	20 x 370	8.0 x 4.8	1/2	5/16	11	50	Call
AJB5515EXV	15,000	1	265/1/60	7.4	20 x 440	8.0 x 4.8	1/2	5/16	11	50	Call
AJA5517EXD	17,200	1-1/2	208-230/1/60	10.2	20 x 370	8.0 x 4.8	1/2	5/16	12-7/16	50	Call
AJA5518EXV	18,000	1-3/4	265/1/60	8.8	30 x 440	8.0 x 4.8	1/2	5/16	12-7/16	50	Call
AJC5519EXD	19,000	1-3/4	208-230/1/60	11.6	25 x 370	8.0 x 4.8	1/2	5/16	12-7/16	50	Call

*accepts various removable plates: K6981= 8.0" x 4.8"

AIR CONDITIONING COMPRESSORS

RECIPROCATING COMPRESSOR

AW, AV SERIES, R22

- Designed for R22, air conditioning applications
- AW, AV, AG models supplied with crankcase heater
- Sweat connection
- Charged with alkybenzene oil
- Capacity rated: 45°F evaporator; 130°F condensing
- Run capacitor required but not provided

Tecumseh

Part No.	Capacity (BTUH)	HP	Load Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Connections (In.) Suction	Connections (In.) Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
AWG5519EXN	19,000	1-3/4	208-230/1/60	8.6	25 x 370	7.5 x 7.5	5/8	3/8	14	65	Call
AWG5520EXT	20,000	1-3/4	208-230/3/60	5.8	—	7.5 x 7.5	5/8	3/8	14	65	1606.45
AWG5524EXN	24,000	2	208-230/1/60	11.0	35 x 370	7.5 x 7.5	5/8	3/8	14	65	Call
AWG5524EXT	24,000	2	208-230/3/60	6.7	—	7.5 x 7.5	5/8	3/8	14	65	Call
AWF5524EXG	24,000	2	460/3/60	3.3	—	7.5 x 7.5	3/4	3/8	13-3/4	65	Call
AWG5528EXN	28,000	2-1/4	208-230/1/60	13.0	35 x 370	7.5 x 7.5	5/8	3/8	14	65	Call
AWG5530EXN	28,900	2-1/2	208-230/1/60	14.4	45 x 370	7.5 x 7.5	5/8	3/8	14	65	Call
AWG5530EXT	28,900	2-1/2	208-230/3/60	8.4	—	7.5 x 7.5	5/8	3/8	14	65	Call
AWF5530EXG	28,900	2-1/2	460/3/60	4.1	—	7.5 x 7.5	3/4	3/8	13-3/4	65	1725.20
AVA5532EXN	32,000	2-1/2	208-230/1/60	14.5	35 x 370	7.5 x 7.5	7/8	1/2	15	81	Call
AVA5535EXN	35,200	2-3/4	208-230/1/60	15.8	40 x 370	7.5 x 7.5	7/8	1/2	15	88	Call
AVA5535EXT	35,200	2-3/4	208-230/3/60	9.7	—	7.5 x 7.5	7/8	1/2	15	88	Call
AVA5538EXG	38,400	3	460/3/60	5.3	—	7.5 x 7.5	7/8	1/2	15	88	Call
AVA5538EXN	38,400	3	208-230/1/60	17.2	35 x 440	7.5 x 7.5	7/8	1/2	15-11/16	88	Call
AVA5538EXT	38,400	3	208-230/3/60	10.8	—	7.5 x 7.5	7/8	1/2	15	88	Call
AVA5542EXN	42,500	3-1/4	208-230/1/60	19.7	40 x 440	7.5 x 7.5	7/8	1/2	15-11/16	88	Call
AVA5542EXT	42,500	3	208-230/3/60	12.0	—	7.5 x 7.5	7/8	1/2	15	88	Call
AVA5542EXG	42,500	3-1/4	460/3/60	5.96	—	7.5 x 7.5	7/8	1/2	15	88	Call
AVA5546EXN	46,500	3-1/2	208-230/1/60	21.5	40 x 440	7.5 x 7.5	7/8	1/2	15	88	Call
AVA5546EXT	46,500	3-1/2	208-230/3/60	13.28	—	7.5 x 7.5	7/8	1/2	15-1/2	88	Call
AVA5546EXG	46,500	3-1/2	460/3/60	6.6	—	7.5 x 7.5	7/8	1/2	15	88	Call

AG, AV SERIES, R22

- Designed for R22, air conditioning applications
- Supplied with crankcase heater
- Sweat connection
- Charged with alkybenzene oil
- Capacity rated: 45°F evaporator; 130°F condensing
- Run capacitor required but not provided (single phase models)

Tecumseh

Part No.	Capacity (BTUH)	HP	Load Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Connections (In.) Suction	Connections (In.) Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
AVB5549EXN	49,000	4	208-230/1/60	20.5	45 x 440	7.5 x 7.5	7/8	1/2	14	92	Call
AVB5549EXT	48,000	4	208-230/3/60	N/A	—	7.5 x 7.5	7/8	1/2	14	81	1789.32
AGA5553EXN	54,000	4	208-230/1/60	26.2	45 x 440	7.5 x 7.5	7/8	1/2	17	110	Call
AGA5553EXT	54,000	4	208-230/3/60	15.5	—	7.5 x 7.5	7/8	1/2	17	110	Call
AGC5553EXG	54,000	4	460/3/60	7.8	—	7.5 x 7.5	7/8	1/2	17	110	Call
AVB5558EXN	57,600	4-1/2	208-230/1/60	24.0	45 x 440	7.5 x 7.5	7/8	1/2	14-1/2	85	1953.98
AVB5558EXT	57,600	4-1/2	208-230/3/60	15.9	—	7.5 x 7.5	7/8	1/2	15	85	Call
AVD5558EXG	57,600	4-1/2	460/3/60	8.0	—	7.5 x 7.5	7/8	1/2	15	85	Call
AGA5561EXN	61,000	5	208-230/1/60	30.5	55 x 440	7.5 x 7.5	7/8	1/2	17-1/2	110	Call
AGA5561EXT	61,000	5	208-230/3/60	18.0	—	7.5 x 7.5	7/8	1/2	17	110	Call
AGC5561EXG	61,000	5	460/3/60	9.5	—	7.5 x 7.5	7/8	1/2	17	110	Call
AGA5568EXN	68,000	5-1/2	208-230/1/60	34.5	55 x 440	7.5 x 7.5	7/8	1/2	18	110	Call
AGA5568EXT	68,000	5-1/2	208-230/3/60	20.0	—	7.5 x 7.5	7/8	1/2	17-1/2	110	Call
AGC5568EXG	68,000	5-1/2	460/3/60	10.6	—	7.5 x 7.5	7/8	1/2	17-1/2	110	Call

AIR CONDITIONING COMPRESSORS

RECIPROCATING COMPRESSOR

MTZ SERIES



Tripod mount on 1 and 2 cylinder models (up to MTZ80). 9.7" square mount 4 cylinder MTZ100 and larger. Rotolock connections; sweat spuds provided. Charged with POE oil. Must order MTZ models for use with HFC refrigerants.

- Run capacitor required for single phase models, not provided.
- For R22 applications at 100°F condensing -10°F to +50°F, at 140°F condensing +20°F to +50°F
- For R404A applications at 100°F condensing -20°F to +50°F, at 140°F condensing -10°F to +50°F
- For R407C applications at 100°F condensing +10°F to +50°F, at 140°F condensing +25°F to +50°F

Listed capacity: R407C at +45°F to +130°F condensing

Maneurop Inc.

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Connections (In.)		Height (In.)	Ship Wgt. (Lbs.)	Price
						Suction	Discharge			
MTZ18JA1	17230	1-1/2	208-230/1/60	7.64	25 x 440	1RL - 1/2	1RL - 3/8	12.6	49	Call
MTZ18JA3	17230	1-1/2	208-230/3/60	6.10	—	1RL - 1/2	1RL - 3/8	12.6	50	Call
MTZ18JA4	17230	1-1/2	460/3/60	2.81	—	1RL - 1/2	1RL - 3/8	12.6	50	Call
MTZ22JC1	21430	2	208-230/1/60	10.27	45 x 440	1 1/4RL - 5/8	1RL - 1/2	13.5	49	Call
MTZ22JC3	21430	2	208-230/3/60	7.38	—	1RL - 1/2	1RL - 3/8	13.5	50	Call
MTZ22JC4	21430	2	460/3/60	3.44	—	1RL - 1/2	1RL - 3/8	13.5	50	Call
MTZ28JE1	28062	2-1/2	208-230/1/60	12.67	50 x 440	1 1/4RL - 5/8	1RL - 1/2	13.5	53	Call
MTZ28JE3	28062	2-1/2	208-230/3/60	9.38	—	1RL - 1/2	1RL - 3/8	13.5	55	Call
MTZ28JE4	28062	2-1/2	460/3/60	4.41	—	1RL - 1/2	1RL - 3/8	13.5	55	Call
MTZ32JG1	30714	2-3/4	208-230/1/60	14.26	45 x 440	1 1/4RL - 5/8	1RL - 1/2	12.6	56	Call
MTZ32JG3	30714	2-3/4	208-230/3/60	10.13	—	1 1/4RL - 5/8	1RL - 1/2	12.6	56	Call
MTZ32JG4	30714	2-3/4	460/3/60	4.81	—	1 1/4RL - 5/8	1RL - 1/2	12.6	56	Call
MTZ36JG1	34105	3	208-230/1/60	17.76	45 x 440	1 1/4RL - 5/8	1RL - 1/2	12.6	57	Call
MTZ36JG3	34105	3	208-230/3/60	11.92	—	1 1/4RL - 5/8	1RL - 1/2	12.6	60	Call
MTZ36JG4	34105	3	460/3/60	5.79	—	1 1/4RL - 5/8	1RL - 1/2	12.6	60	Call
MTZ40JH1	40025	3-1/2	208-230/1/60	21.95	45 x 440	1 1/4RL - 5/8	1RL - 1/2	12.6	59	Call
MTZ40JH3	40025	3-1/2	208-230/3/60	15.32	—	1 1/4RL - 5/8	1RL - 1/2	12.6	60	Call
MTZ40JH4	40025	3-1/2	460/3/60	6.69	—	1 1/4RL - 5/8	1RL - 1/2	12.6	60	Call
MTZ44HJ1	43013	4	208-230/1/60	19.04	45 x 440	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	83	Call
MTZ44HJ3	43013	4	208-230/3/60	15.79	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	Call
MTZ44HJ4	43013	4	460/3/60	6.84	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	Call
MTZ50HK1	48152	4-1/2	208-230/1/60	TBD	45 x 440	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	Call
MTZ50HK3	48152	4-1/2	208-230/3/60	17.08	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	Call
MTZ50HK4	48152	4-1/2	460/3/60	7.34	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	Call
MTZ56HL1	54346	5	208-230/1/60	23.11	50 x 440	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	86	Call
MTZ56HL3	54346	5	208-230/3/60	18.82	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	Call
MTZ56HL4	54346	5	460/3/60	8.41	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	Call
MTZ64HM1	60422	5-1/2	208-230/1/60	30.84	55 x 440	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	88	Call
MTZ64HM3	60422	5-1/2	208-230/3/60	21.39	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	Call
MTZ64HM4	60422	5-1/2	460/3/60	9.48	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	Call
MTZ72HN3	67915	6	208-230/3/60	25.31	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	Call
MTZ72HN4	67915	6	460/3/60	10.79	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	Call
MTZ80HP3	76894	7	208-230/3/60	27.63	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	15.9	90	Call
MTZ80HP4	76894	7	460/3/60	12.36	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	15.9	90	Call
MTZ100HS3	96382	9	208-230/3/60	27.79	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	145	Call
MTZ100HS4	96382	9	460/3/60	14.24	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	145	Call
MTZ125HU3	121627	10-1/2	208-230/3/60	38.54	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	150	Call
MTZ125HU4	121627	10-1/2	460/3/60	18.06	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	150	Call
MTZ144HV3	139644	12	208-230/3/60	41.90	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	152	Call
MTZ144HV4	139644	12	460/3/60	19.81	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	152	Call
MTZ160HW3	154420	13-1/2	208-230/3/60	48.17	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	165	Call
MTZ160HW4	154420	13-1/2	460/3/60	22.49	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	165	Call

AIR CONDITIONING COMPRESSORS

RECIPROCATING COMPRESSOR

H22 SERIES, R22



Replaces compressors of other manufacturers with similar performance. **Run capacitor** required, not provided

Bristol Compressors International Inc.

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Connections (In.) Suction	Connections (In.) Discharge	Quad Mount (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
H22J15BABCA	15500	1-1/4	208-230/1/60	6.7	30 x 370	3/4	1/2	7.5 x 7.5	13.5	62	440.18
H22J18BABCA	18300	1-1/4	208-230/1/60	7.4	30 x 370	3/4	1/2	7.5 x 7.5	13.5	63	445.28
H2EB18SABCB	17600	1-1/4	208-230/1/60	10.2	25 x 370	5/8	3/8	4.8 x 8.0	13.5	53.5	431.24
H2EB24SABCB	23600	2	208-230/1/60	13	30 x 370	5/8	3/8	4.8 x 8.0	13.1	57	444.12
H22J25BABCA	24200	2	208-230/1/60	9.6	35 x 370	3/4	1/2	7.5 x 7.5	13.8	67	457.00
H22J29BABCA	28800	2-1/4	208-230/1/60	11.8	35 x 370	3/4	1/2	7.5 x 7.5	13.8	67	463.20
H22J33BABCA	31900	3	208-230/1/60	13	40 x 370	3/4	1/2	7.5 x 7.5	14.2	70	546.30
H22J36BABCA	35700	3	208-230/1/60	14.4	45 x 370	3/4	1/2	7.5 x 7.5	14.2	70	558.28
H22J363DBLA	35000	3	208-230/3/60	9.6	—	3/4	1/2	7.5 x 7.5	14.2	71	678.00
H22J38BABCA	37800	3-1/4	208-230/1/60	14.9	45 x 370	3/4	1/2	7.5 x 7.5	15.5	84	557.78
H22J41BABCA	40900	3-1/2	208-230/1/60	17.1	50 x 370	3/4	1/2	7.5 x 7.5	15.5	84	574.34
H22J413DBLA	40500	3-1/2	208-230/3/60	11	—	3/4	1/2	7.5 x 7.5	15.5	80	685.10
H22J413DBEA	40400	3-1/2	460/3/60	5.4	—	3/4	1/2	7.5 x 7.5	15.5	80	734.02
H22J443DBDA	44100	4	208-230/3/60	11.7	—	3/4	1/2	7.5 x 7.5	15.5	80	756.78
H22J443DBEA	44100	4	460/3/60	5.8	—	3/4	1/2	7.5 x 7.5	15.5	80	873.74
H22A543ABCA	53400	4-1/2	208-230/1/60	24.4	45 x 440	7/8	1/2	7.5 x 7.5	16.1	92	733.34
H22A543DBLA	53400	4-1/2	208-230/3/60	14.5	—	7/8	1/2	7.5 x 7.5	16.1	84	806.92
H22A543DBEA	53400	4-1/2	460/3/60	7.5	—	7/8	1/2	7.5 x 7.5	16.1	84	893.78
H22A623ABCA	60800	5	208-230/1/60	28.2	55 x 440	7/8	1/2	7.5 x 7.5	16.1	98	807.50
H22A623DBLA	60800	5	200-230/3/60	17	—	7/8	1/2	7.5 x 7.5	16.1	88	854.94

H7B, H7N SINGLE SPEED, R407C



These high capacity compressors serve as replacement in large R22 air conditioning condensing and package units.

- Rotolock connections (H25G144D sweat only)
- Capacity rated: 45°F evaporator; 130°F condensing
- RL connection requires valves or adapters, not provided

Bristol Compressors International Inc.

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Connections (In.) Suction	Connections (In.) Discharge	Quad Mount (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
H7BG094DBDE	80000	7-1/2	208-230/3/60	24	1 3/4 RL	1 1/4 RL	9.5 x 9.5	17.59	138	Call
H7BG094DBEE	80000	7-1/2	460/3/60	12.3	1 3/4 RL	1 1/4 RL	9.5 x 9.5	17.59	138	Call
H7BG104DBDE	91900	9	208-230/3/60	29.3	1 3/4 RL	1 1/4 RL	9.5 x 9.5	18.34	153	Call
H7BG104DBEE	93500	9	460/3/60	14.6	1 3/4 RL	1 1/4 RL	9.5 x 9.5	18.34	153	Call
H7BG124DBDE	107500	10	208-230/3/60	36.0	1 3/4 RL	1 1/4 RL	9.5 x 9.5	18.34	155	Call
H7BG124DBEE	107500	10	460/3/60	17.0	1 3/4 RL	1 1/4 RL	9.5 x 9.5	18.34	146	Call
H7NG184DPDF	165700	15	208-230/3/60	51.8	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	253	Call
H7NG184DPEF	165700	15	460/3/60	25.9	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	253	Call
H7NG204FRDF	188000	17	208-230/3/60	60	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	260	Call
H7NG204DREF	190300	17	460/3/60	30.0	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	260	Call
H7NG244FRDF	223200	20	208-230/3/60	73.1	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	269	Call
H7NG244DREF	223200	20	460/3/60	36.6	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	269	Call
H7NG294FPDF	254400	24	208-230/3/60	87.7	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	280	Call
H7NG294DPEF	254400	24	460/3/60	43.9	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	280	Call

(Call) Please contact your local Aireco branch for pricing.

AIR CONDITIONING COMPRESSORS

RECIPROCATING COMPRESSOR

H2N DUAL SPEED, R22



- Basic H2N shell with 50% unloading capacity
- Rated load amps shown for high speed only
- Rotolock connections

- Capacity rated: 45°F evaporator; 130°F condensing
- **RL** connection requires valves or adapters, not provided

Bristol Compressors International Inc.

Part No.	Capacity Hi/Lo (BTUH)	HP	Voltage	RLA (Amps)	Connections (In.)		Quad Mount (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
					Suction	Discharge				
H2NG094GPDE	87,700/38,900	7-1/2	208-230/3/60	25.3	1 3/4 RL	1 1/4 RL	9.5 x 9.5	17.406	162	Call
H2NG094GPEE	87,700/38,900	7-1/2	460/3/60	12.7	1 3/4 RL	1 1/4 RL	9.5 x 9.5	17.406	162	Call
H2NG104GPDE	101,800/45,700	9	208-230/3/60	30.0	1 3/4 RL	1 1/4 RL	9.5 x 9.5	18.156	166	Call
H2NG104GPEE	101,800/45,700	9	460/3/60	15.0	1 3/4 RL	1 1/4 RL	9.5 x 9.5	18.156	166	Call
H2NG124GPDE-R	119,400/54,600	10	208-230/3/60	36.2	1 3/4 RL	1 1/4 RL	9.5 x 9.5	18.156	174	3171.22
H2NG124GPEE	119,400/54,600	10	460/3/60	18.1	1 3/4 RL	1 1/4 RL	9.5 x 9.5	18.156	174	Call
H2NG184GPDF	183,200/80,240	15	208-230/3/60	51.3	1 3/4 RL	1 1/4 RL	10.5 x 10.5	22.406	252	Call
H2NG184GPEF	183,200/80,240	15	460/3/60	20.5	1 3/4 RL	1 1/4 RL	10.5 x 10.5	22.406	252	Call
H2NG204GPDF	212,400/97,200	17	208-230/3/60	60.0	1 3/4 RL	1 1/4 RL	10.5 x 10.5	22.406	259	Call
H2NG204GPEF	212,400/97,200	17	460/3/60	24.0	1 3/4 RL	1 1/4 RL	10.5 x 10.5	22.406	259	Call
H2NG244GPDF	252,900/114,500	20	208-230/3/60	73.1	1 3/4 RL	1 1/4 RL	10.5 x 10.5	22.406	268	Call
H2NG244GPEF	252,900/114,500	20	460/3/60	29.3	1 3/4 RL	1 1/4 RL	10.5 x 10.5	22.406	268	Call

H2N PROTECTION MODULE



- Provides overheat protection to motor circuits
- Integral restart time delay
- Protection modules required for H2NG compressors

Bristol Compressors International Inc.

Part No.	Control Voltage (Vac)	Use With	Price
241774	115/230	094-124	Call
241772	24	094-124	Call
241771	115/230	144-294	Call
241770	24	144-294	Call

AIR CONDITIONING COMPRESSORS

ROTARY COMPRESSOR

RK SERIES, R22



- Replaces rotary compressors commonly found in window air conditioners
- Mount is triangular on listed centers
- Sweat connection
- Capacity rated: 45°F evaporator; 130°F condensing
- Run capacitor required but not provided

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Connections (In.)		Height (In.)	Ship Wgt. (Lbs.)	Price
							Suction	Discharge			
RKA5490EXA	9,200	3/4	115/1/60	7.4	25 x 370	6	1/2	5/16	12-1/2	30	Call
RKA5490EXD	9,200	3/4	208-230/1/60	3.8	25 x 370	6	1/2	5/16	12-1/2	30	Call
RKA5490EXV	9,200	3/4	265/1/60	3.3	25 x 370	6	1/2	5/16	12-1/2	30	Call
RKA5512EXA	11,700	1	115/1/60	12.5	25 x 370	6	1/2	5/16	13	30	Call
RKA5512EXD	11,700	1	208-230/1/60	6.8	25 x 370	6	1/2	5/16	13	30	Call
RKA5512EXV	11,700	1	265/1/60	5.5	25 x 440	6	1/2	5/16	13	30	Call
RKB5513EXA	13,000	1	115/1/60	11.0	30 x 370	6	5/8	5/16	13	39	875.36
RKA5513EXD	13,200	1	208-230/1/60	5.4	25 x 370	6	1/2	5/16	13	39	901.64
RKC5515EXA	15,500	1	115/1/60	13	40 x 370	6	1/2	5/16	15	36	Call
RKA5515EXD	15,500	1	208-230/1/60	6.4	25 x 370	6	5/8	5/16	15	36	Call
RKA5515EXV	15,500	1	265/1/60	5.4	25 x 440	6	5/8	5/16	15	36	Call
RKA5518EXD	17,700	1-1/2	208-230/1/60	7.6	25 x 370	6	5/8	5/16	14	40	Call

RK, RG SERIES, R407C

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Connections (In.)		Height (In.)	Ship Wgt. (Lbs.)	Price
							Suction	Discharge			
RKA5490CXA	8720	3/4	115/60/1	7.5	25 x 370	6	1/2	5/16	12-1/2	30	Call
RKA5490CXD	8720	3/4	208-230/60/1	3.7	25 x 370	6	1/2	5/16	12-1/2	30	Call
RKA5510CXA	10020	3/4	115/60/1	8.6	25 x 370	6	1/2	5/16	12-1/2	30	Call
RKA5512CXD	11080	1	208-230/60/1	4.5	25 x 370	6	1/2	5/16	13	30	Call
RKA5413CXA	12500	1	115/60/1	11	25 x 370	6	5/8	5/16	13	39	Call

(Call) Please contact your local Aireco branch for pricing.

DISCUS COMPRESSOR

2D SERIES



- 5 to 7 1/2 HP
- Typical dimensions: 23 1/4" L x 15 7/16" W x 18 1/8" H
- Mounting dimensions: 10 1/2" L x 10 1/2" W
- Charged with POE oil
- Typical valve selection: 1 3/8" x 7/8"
- Capacity rated R22, +45°F SST

COPELAND

Part No.	Old Number	HP	Capacity (BTUH)	Voltage	RLA (Amps)	Ship Wgt. (Lbs.)	Price
2DC3R53K0-CFB-800	2DC30500CFB	5	62,700	230/1/60	22.3	261	7603.00
2DC3R53KE-TFC-800	2DC3050ETFC	5	62,700	208-230/3/60	22.3	261	5799.00
2DC3R53KE-TFD-800	2DC3050ETFD	5	62,700	460/3/60	10.4	261	5799.00
2DD3R63KE-TFC-800	2DD3050ETFC	5	72,800	208-230/3/60	22.3	261	5910.00
2DD3R63KE-TFD-800	2DD3050ETFD	5	72,800	460/3/60	10.5	261	5910.00
2DL3R78KE-TFC-800	2DL3075ETFC	7-1/2	90,800	208-230/3/60	31.6	281	6548.00
2DL3R78KE-TFD-800	2DL3075ETFD	7-1/2	90,800	460/3/60	13.8	281	6548.00
2DA3R89KE-TFC-800	2DA3075ETFC	7-1/2	103,000	208-230/3/60	32.0	281	6701.00
2DA3R89KE-TFD-800	2DA3075ETFD	7-1/2	103,000	460/3/60	14.1	281	6701.00

AIR CONDITIONING COMPRESSORS

DISCUS COMPRESSOR

3D SERIES



- Largest 2 cylinder compressor
- Comparable to 9R models
- Wide range: 7 1/2 to 15 HP
- Typical dimensions: 25 13/16" L x 15 1/6" W x 21" H
- Mounting dimensions: 11 5/8" L x 11" W
- Capacity rated R22, +45°F SST

- Typical valve selection:
  1 3/8" x 1 1/8": 7 1/2, 10, 12 HP
  1 5/8" x 1 1/8": 15 HP
- 9th character 0 charged with mineral oil, E charged with POE oil
- Delta reed design

COPELAND

Part No.	Old Number	HP	Capacity (BTUH)	Voltage	RLA (Amps)	Unloading1	Oil	Ship Wgt. (Lbs.)	Price
3DA3R10MOTFC	3DA3A0750TFC	7-1/2	123,900	208-230/3/60	41.0	—	MIN	360	Call
3DA3R10ME-TFC-800	3DA3A075ETFC	7-1/2	123,900	208-230/3/60	41.0	—	POE	360	6572.00
3DA3R10ME-TFD-800	3DA3A075ETFD	7-1/2	123,900	460/3/60	20.0	—	POE	360	7103.00
3DE3R10ME-TFC-800	3DE3A075ETFC	7-1/2	123,900	208-230/3/60	41.0	Capable	POE	360	8010.00
3DE3R10ME-TFD-800	3DE3A075ETFD	7-1/2	123,900	460/3/60	20.0	Capable	POE	360	8541.00
3DEHR10ME-TFC-800	3DEHA075ETFC	7-1/2	123,900	208-230/3/60	41.0	Capable	POE	360	8010.00
3DEHR10ME-TFD-800	3DEHA075ETFD	7-1/2	123,900	460/3/60	20.0	Capable	POE	360	8541.00
3DB3R12M0-TFC-800	3DB3A1000TFC	10	145,900	208-230/3/60	43.6	—	MIN	375	6435.00
3DB3R12ME-TFC-800	3DB3A100ETFC	10	145,900	208-230/3/60	43.6	—	POE	375	7396.00
3DB3R12MOTFD	3DB3A1000TFD	10	145,900	460/3/60	20.0	—	MIN	375	Call
3DB3R12ME-TFD-800	3DB3A100ETFD	10	145,900	460/3/60	20.0	—	POE	375	8014.00
3DP3R12ME-TFC-800	3DP3A100ETFC	10	145,900	208-230/3/60	43.6	Capable	POE	360	8668.00
3DP3R12ME-TFD-800	3DP3A100ETFD	10	145,900	460/3/60	20.0	Capable	POE	360	9287.00
3DF3R15ME-TFC-800	3DF3A120ETFC	12	158,200	208-230/3/60	48.2	—	POE	375	8860.00
3DF3R15ME-TFD-800	3DF3A120ETFD	12	158,200	460/3/60	23.6	—	POE	375	8860.00
3DS3R17MO-TFC-800	3DS3A1500TFC	15	194,000	208-230/3/60	59.6	—	MIN	375	Call
3DS3R17ME-TFC-800	3DS3A150ETFC	15	194,000	208-230/3/60	59.6	—	POE	375	8941.00
3DS3R17MOTFD	3DS3A1500TFD	15	194,000	460/3/60	29.0	—	MIN	375	Call
3DS3R17ME-TFD-800	3DS3A150ETFD	15	194,000	460/3/60	29.0	—	POE	375	8941.00
3DT3R17MOTFC	3DT3A1500TFC	15	194,000	208-230/3/60	59.6	Capable	MIN	375	Call
3DT3R17ME-TFC-800	3DT3A150ETFC	15	194,000	208-230/3/60	59.6	Capable	POE	375	10214.00
3DT3R17MOTFD	3DT3A1500TFD	15	194,000	460/3/60	29.0	Capable	MIN	375	Call
3DT3R17ME-TFD-800	3DT3A150ETFD	15	194,000	460/3/60	29.0	Capable	POE	375	10214.00

[1]Service replacement compressor—Use existing unloading components

4D SERIES



- 4 cylinder compressor
- Comparable to 4R models
- Range: 20 to 30 HP
- Mounting dimensions: 11 5/8" L x 11"W
- Capacity rated R22, +45°F SST
- Delta reed design
- 9th character: E = POE charge
  0 = Mineral oil charge
- Typical valve selection: 1 5/8" x 1 3/8": 20 HP
  2 1/8" x 1 3/8": 25, 30 HP

- Rated load amps shown 230V for dual voltage compressors Unloading equivalent models: All models on a single line are functionally equivalent except for their unloading capability
  Models in the one bank column can replace non unloading models
  4DA3R18M[4DA3A200] = 4DE3(1 bank)
  4DH3R22M[4DH3A250] = 4DK3(1 bank)
  4DJ3R28M[4DJ3A300] = 4DR3(1 bank)

COPELAND

Part No.	Old Number	HP	Capacity (BTUH)	Voltage	RLA (Amps)	Unloading1	Oil	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
4DE3R18ME-TSK-800	4DE3A200ETSK	20	216,000	208-230/460/3/60	66.0	1 Bank	POE	25-13/32	20-13/16	19-5/16	425	10157.00
4DE3R18M0-FSD-800	4DE3A2000FSD	20	216,000	460/3/60	33.6	1 Bank	MIN	25-13/32	20-13/16	19-5/16	425	10157.00
4DK3R22ME-TSK-800	4DK3A250ETSK	25	273,000	208-230/460/3/60	82.2	1 Bank	POE	26-9/32	20-1/2	20	445	13423.00
4DK3R22M0-FSD-800	4DK3A2500FSD	25	273,000	460/3/60	40.6	1 Bank	MIN	26-9/32	20-1/2	20	445	12638.00
4DR3R28ME-TSK-800	4DR3A300ETSK	30	317,900	208-230/460/3/60	94.0	1 Bank	POE	27-1/32	20-1/2	19 3/16	450	14349.00
4DR3R28M0-FSD-800	4DR3A3000FSD	30	317,900	460/3/60	45.0	1 Bank	MIN	27-1/32	20-1/2	19 3/16	450	12842.00

[1]Service replacement compressor—Use existing unloading components

AIR CONDITIONING COMPRESSORS

DISCUS COMPRESSOR

6D SERIES



- 6 cylinder compressor
- Comparable to 6R models
- Range: 30 to 40 HP
- Mounting dimensions: 11 5/8" L x 11"W
- Capacity rated R22, +45°F SST
- Delta reed design
- 9th character: E = POE charge
  O= Mineral oil charge
- Typical valve selection: 2 1/8" x 1 5/8"

Rated load amps shown 230V for dual voltage compressors

COPELAND

Part No.	Old Number	HP	Capacity (BTUH)	Voltage	RLA (Amps)	Unloading1	Oil	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
6DY3R32M0-TSK-800	6DY3A3000TSK	30	355,000	208-230/460/3/60	105.0	—	MIN	29-7/16	22-7/16	21-3/32	545	15598.00
6DY3R32MOFSD	6DY3A3000FSD	30	355,000	460/3/60	50.0	—	MIN	29-7/16	22-7/16	21-3/32	545	Call
6DN3R37M0-FSD-800	6DN3A3500FSD	35	422,100	460/3/60	66.0	2 Bank	MIN	30-3/16	22-7/16	18	520	15127.00
6DN3R37MOTSN	6DN3A3500TSN	35	422,100	230/460/3/60	125.0	2 Bank	MIN	30-3/16	22-7/16	18	520	Call
6DP3R35M0-FSD-800	6DP3A3500FSD	35	387,200	460/3/60	55.0	2 Bank	MIN	30-3/16	22-7/16	18	520	14334.00
6DP3R35M0-TSK-800	6DP3A3500TSK	35	387,200	208-230/460/3/60	107.0	2 Bank	MIN	30-3/16	22-7/16	18	520	15045.00
6DP3R35ME-TSK-800	6DP3A350ETSK	35	387,200	208-230/460/3/60	107.0	2 Bank	POE	30-3/16	22-7/16	21-1/2	520	16877.00
6DS3R40M0-FSU-800	6DS3A4000FSU	40	466,700	200/3/60	150.0	2 Bank	MIN	30-3/16	22-7/16	23-1/2	568	16259.00
6DS3R40M0-FSD-800	6DS3A4000FSD	40	466,700	460/3/60	70.0	2 Bank	MIN	30-3/16	22-7/16	23-1/2	568	17223.05
6DS3R40ME-TSN-800	6DS3A400ETSN	40	466,700	230/460/3/60	142.0	2 Bank	POE	30-3/16	22-7/16	23-1/2	568	19237.00

[1]Service replacement compressor—Use existing unloading components

8D SERIES



- Large capacity compressor: 50 to 60 HP
- Typical dimensions:32 13/16" L x 21 13/32" W x 23" H
- Mounting dimensions: 18" L x 12" W
- Mineral oil charge
- Capacity rated R22, +45°F SST
- Typical valve selection: 2 5/8" x 1 5/8": 50 HP 3 1/8" x 1 5/8": 60 HP
- All models have 2 bank unloading
- Rated load amps shown 230V for dual voltage compressors

COPELAND

Part No.	Old Number	HP	Capacity (BTUH)	Voltage	RLA (Amps)	Ship Wgt. (Lbs.)	Price
8DP1R56M0-FSD-800	8DP15000FSD	50	565,700	460/3/60	91.0	800	25996.00
8DP1R56M0-TSK-800	8DP15000TSK	50	565,700	208-230/460/3/60	180.0	800	25732.00
8DS1R67M0-FSD-800	8DS16000FSD	60	644,200	460/3/60	96.5	800	32019.00
8DS1R67M0-TSK-800	8DS16000TSK	60	644,200	208-230/460/3/60	224.0	800	31756.00

SEMI-HERMETIC COMPRESSOR

9R SERIES



- Largest 2 cylinder compressor
- Wide capacity range
- 10 to 15 HP
- Typical dimensions: 26" L x 15 1/6" W x 18 2/3" H
- Mounting dimensions: 15" L x 12" W
- Capacity rated R22, +45°F SST
- Oil charge = Alkylbenzene

COPELAND

Part No.	HP	Capacity (BTUH)	Voltage	RLA (Amps)	Unloading1	Ship Wgt. (Lbs.)	Price
9RC1-101A-TFC-800	10	119,750	208-230/3/60	44.0	—	359	6556.00
9RC1-101A-TFD-800	10	119,750	460/3/60	20.0	—	359	7135.00
9RS1-150A-TSC-800	15	156,000	208-230/3/60	56.5	—	379	7802.00
9RS1-150A-TFD-800	15	156,000	460/3/60	28.5	—	379	7802.00
9RS1-150A-TFD-800	15	156,000	460/3/60	28.5	Capable	385	7802.00

[1]Service replacement compressor—Use existing unloading components

AIR CONDITIONING COMPRESSORS

SEMI-HERMETIC COMPRESSOR

4R SERIES



- Large capacity 4 cylinder compressor: 20 to 30 Hp
- Unloading models have 1 bank unloading capability. Use existing unloading components
- Mounting dimensions: 15" L x 12" W
- Typical valve selection: 20 HP 1 5/8" x 1 1/8"
  2 1/8" x 1 1/8": 25 HP
  2 1/8" x 1 3/8": 30 HP
- Capacity rated R22, +45°F SST
- Oil charge = Alkylbenzene
- Rated load amps shown 230 V for dual voltage Compressors

COPELAND

Part No.	HP	Capacity (BTUH)	Voltage	RLA (Amps)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
4RE2-200A-TSK-800	20	200,030	208-230/460/3/60	71.4	24-5/8	18-9/16	18-5/32	420	8355.00
4RK2-250A-FSD-800	25	248,520	460/3/60	45.0	25-13/32	18-9/16	19-5/32	449	10241.00
4RK2250ATSK	25	248,520	208-230/460/3/60	88.5	25-13/32	18-9/16	19-5/32	449	Call
4RR1300AFSD1	30	295,600	460/3/60	59.0	27-5/32	19-13/16	18-5/32	495	Call
4RR1-300A-TSK-800	30	295,600	208-230/460/3/60	102.0	27-5/32	19-13/16	18-5/32	495	13283.00
4RR2300ATSK1	30	295,600	208/230/460/3	102.0	27-5/32	19-13/16	21-11/16	530	Call

[1]Service replacement compressor—Use existing unloading components

6R SERIES



- Large capacity 6 cylinder compressor: 30 to 40 HP
- All models have 2 bank unloading capability. Use existing unloading components
- Mounting dimensions: 15" L x 12" W
- Typical valve selection: 2 1/8" x 1 3/8"
- Capacity rated R22, +45°F SST
- Oil charge = Alkylbenzene
- Rated load amps shown 230 V for dual voltage compressors

COPELAND

Part No.	HP	Capacity (BTUH)	Voltage	RLA (Amps)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
6RN2-300A-TSK-800	30	300,850	208-230/460/3/60	105.0	29-13/32	20-1/8	19-5/32	502	13811.00
6RP2-350A-FSD-800	35	380,000	460/3/60	67.5	30-5/32	20-1/2	19-5/32	529	17250.00
6RP2350ATSK	35	380,000	208-230/460/3/60	135.0	30-5/32	20-1/2	19-5/32	529	Call
6RS2400AFSD	40	416,000	460/3/60	64.3	30-5/32	21-5/8	21-5/32	566	Call
6RS2-400A-FSU-800	40	416,000	200/3/60	170.0	30-5/32	21-5/8	21-5/32	566	17056.00
6RS2-400A-TSN-800	40	416,000	230/460/3/60	142.0	30-5/32	21-5/8	21-5/32	566	16.58

NR SERIES



- Mid range refrigerant cooled compressor
- Typical dimensions: 21 1/16" L x 13" W x 16 1/4" H
- Mounting dimensions: 11 5/8" L x 11"W
- Typical valve selection: 1 1/8" x 5/8"
- Capacity rated R22, +45°F SST
- Oil charge = Alkylbenzene

COPELAND

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Ship (Lbs.)	Price
NRA2-050A-TFC-800	57,600	208-230/3/60	19.2	268	8180.00
NRA2-050A-TFD-800	57,600	460/3/60	9.6	268	8180.00

MR SERIES



- Mid range refrigerant cooled compressor
- Typical dimensions: 22 7/16" L x 13" W x 18" H
- Mounting dimensions: 11 5/8" L x 11"W
- Typical valve selection: 1 3/8" x 1 1/8"
- Capacity rated R22, +45°F SST
- Oil Charge = Alkylbenzene

COPELAND

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Ship Wgt. (Lbs.)	Price
MRH4076ATFC	82,000	208-230/3/60	30.3	298	Call
MRH4076ATFD	82,000	460/3/60	13.5	298	Call

AIR CONDITIONING COMPRESSORS

GENUINE CARLYLE



Carlyle 06D/E semi-hermetic compressors are ideally suited for commercial refrigeration, air conditioning, process cooling, and environmental chambers. They are extremely flexible and may be used with many of the new HFC refrigerants such as R-507, R-404A, R-407C and R-134a, in addition to the conventional refrigerants (R-12, R-22, and R-502). The compressors may be operated at 50 or 60 hertz and are UL (Underwriters' Laboratories), CSA (Canadian Standards Association), and ISO 9002 approved. Many of the prominent features of the 06D/E compressors are listed below. 06D and 06E compressors comply with the CE Mark requirements and will have the CE Mark logo added to the appropriate compressor nameplates.

Carlyle

06CY SERIES

Part No.	HP	Voltage	Displ. CFH @ 1750 RPM	CYL	Oil Charge (Pints)	RLA	Application	Price
06CY337G103	10	460/3/60 XL	37	6	9.5	14.9	Low Temp	Call
06CY550E103	15	208-230/460/3	50	6	19	68/32	Low Temp	Call
06CY665E103	20	208-230/460/3/60 XL	68.3	6	19	100/50	Low Temp	Call
06CY675E103	25	208-230/460/3/60 XL	75	6	19	100/50	Low Temp	Call
06CY228G103	28	460/3/60 XL	28	6	9.5	14.9	Low Temp	Call

06D/06E SERIES

Part No.	HP	Voltage	Displ. CFH @ 1750 RPM	CYL	Oil Charge (Pints)	RLA	Application	Price
06DM3136CC367ARP	5	460/3/60	16	4	4.5	8.6	High Temp, Medium Temp	Call
06DM3166CC367ARP	5	460/3/60	16	4	4.5	8.6	High Temp, Medium Temp	Call
06DM3376DC327ARP	10	208-230/3/60	37	6	8	39.7	High Temp, Medium Temp	Call
06DM3376DC367ARP	10	460/3/60	37	6	8	19.9	High Temp, Medium Temp	Call
06DR2286DC327ARP	7.5	208-230/3/60	28	6	8	35.6	High Temp, Medium Temp, Low Temp	Call
06DR2286DC367ARP	7.5	460/3/60	28	6	8	17.8	High Temp, Medium Temp, Low Temp	Call
06DR3166CC327ARP	5	208-230/3/60	16	4	4.5	17.3	High Temp, Medium Temp, Low Temp	Call
06DR3166CC367ARP	5	460/3/60	16	4	4.5	8.6	High Temp, Medium Temp, Low Temp	Call
06DR3376DC327ARP	10	208-230/3/60	37	6	8	39.7	High Temp, Medium Temp, Low Temp	Call
06DR3376DC367ARP	10	208-230/3/60	37	6	8	39.7	High Temp, Medium Temp, Low Temp	Call
06DR7246DC367ARP	6.5	460/3/60	24	6	8	14.1	High Temp, Medium Temp, Low Temp	Call
06DR7256DC367ARP	6.5	460/3/60	25	6	8	14.1	High Temp, Medium Temp, Low Temp	Call
06DR8206DC327ARP	6.5	208-230/3/60	20	4	5.5	28.2	High Temp, Medium Temp, Low Temp	Call
06DR8206DC367ARP	6.5	460/3/60	20	4	5.5	14.1	High Temp, Medium Temp, Low Temp	Call
06DS5376BC365ARP	15	460/3/60	37	6	8	25.6	A/C, High Temp, Medium Temp	Call
06DS8246BC365ARP	7.5	460/3/60	24	6	8	17.8	A/C, High Temp, Medium Temp	Call
06ET26536ARP	25	208-230/460/3/60	65	6	19	112/56	A/C, High Temp, Medium Temp	Call
06ET27536ARP	30	208-230/460/3/60	75	6	19	135/68	A/C, High Temp, Medium Temp	Call
06ET29936ARP	40	208-230/460/3/60	99	6	19	189/95	A/C, High Temp, Medium Temp	Call
06EY75034ARP	15	208-230/460/3/60	50	4	14	72/36	High Temp, Medium Temp, Low Temp	Call
06EY76534ARP	20	208-230/460/3/60	65	6	19	87/44	High Temp, Medium Temp, Low Temp	Call
06EY77534ARP	20	208-230/460/3/60	75	6	19	87/44	High Temp, Medium Temp, Low Temp	Call
06EY79934ARP	30	208-230/3/60	99	6	19	135/68	High Temp, Medium Temp, Low Temp	Call
06EZ75037ARP	15	208-230/460/3/60	50	4	14	72/36	High Temp, Medium Temp	Call
06EZ77537ARP	25	208-230/460/3/60	75	6	19	112/56	High Temp, Medium Temp	Call

AIR CONDITIONING COMPRESSORS

GENUINE CARLYLE



- Automatic unloaded starting, expensive high-torque motors are unnecessary, reducing initial expense.
- High-efficiency motor can further increase efficiency of 5F and 5H compressors.
- Crankcase casting, cylinder head, and valve plate designs allow for a smooth, unrestricted refrigerant flow.
- Refined, two-piece shaft seal assembly virtually eliminates seal leakage for maximum reliability over a wide temperature range.
- Efficient crankcase heater design prevents accumulation of liquid refrigerant in the crankcase during shutdown, dilution of the compressor oil supply.
- As suction pressure changes, capacity control automatically reduces compressor capacity to as low as 35% of full-design load, reducing horsepower requirements as demand changes. Part-load operation increases energy efficiency, reducing utility bills.
- Large-capacity, manually reversible oil pump, automatic pressure regulator, and oil-filtering system provide positive pressure lubrication, extending life.
- Suction gases flow around cylinder sleeve to keep the cylinder cool, reducing cylinder wear.
- Greater operating efficiencies by running an oversized compressor at a reduced RPM.

Carlyle

06T SERIES

Part No.	HP	Voltage	Displ. CFH @ 1750 RPM	RLA	Application	Price
06TAG065B2EA-A00	35	460/3/60	65	89	Medium Temp	Call
06TAH078B2EA-A00	40	460/3/60	78	101	Medium Temp	Call
06TAH078C2EA-A00	40	575/3/60	78	81	Medium Temp	Call
06TAK088B2EA-A00	50	460/3/60	88	114	Medium Temp	Call
06TRE054B2EA-A00	25	460/3/60	54	64	Low Temp	Call
06TRF065B2EA-A00	30	460/3/60	65	76	Low Temp	Call
06TRG078B2EA-A00	35	460/3/60	78	89	Low Temp	Call
06TRH088B2EA-A00	40	460/3/60	88	101	Low Temp	Call

AIR CONDITIONING COMPRESSORS

CARLYLE SERVICE

Carlyle Service Compressor for A/C, rebuilt by Carlyle.
R-22, R-134A, R-513A, R-404A, R-407A/C/F, R-448A, R-449A, R-450A, R-452A and R-507
• Suction temperature range: R22, 0 to 50°F

6D SERIES

Part No.	HP	Voltage	RLA	Refrigerant	Application	Price
6D3286CCBC0150P	10	575/3/60	22.1	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D3286CCBC0650P	10	460/3/60	22.1	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D3286CCBC1250P	10	208-230/3/60	44.3	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D5376CCBC0150P	15	575/3/60	28.6	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D5376CCBC0650P	15	460/3/60	28.6	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D5376CCBC1250P	15	208-230/3/60	63.6	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D8246CCBC0650P	7.5	460/3/60	19.8	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6D8246CCBC1250P	7.5	208-230/3/60	39.6	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6DM8186CCAC0150	6.5	575/3/60	15.7	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6DM8186CCAC0650	6.5	460/3/60	15.7	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6DM8186CCAC1250	6.5	208-230/3/60	31.4	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call

6E SERIES

Part No.	HP	Voltage	RLA	Refrigerant	Application	Price
6E450CC360P	20	208-230/460/3/60	87/44	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E475CC360P	30	208-230/460/3/60	135/68	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E475CC360PR	30	208-230/460/3/60	135/68	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E550CC160P	20	575/3/60	87/44	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E550CC360P	20	208-230/460/3/60	87/44	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E565CC360P	25	208-230/460/3/60	112/56	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E565CC360PR	25	208-230/460/3/60	112/56	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E575CC160P	30	575/3/60	135/68	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E575CC360P	30	208-230/460/3/60	135/68	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E575CC360PR	30	208-230/460/3/60	135/68	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E599CC360P	40	208-230/460/3/60	189/95	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call
6E599CC360PR	40	208-230/460/3/60	189/95	R22, R134a, R513A, R404A, R407A, R407C, R407F, R448A, R449A, R450A, R452A, R507	A/C	Call





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AIR CONDITIONING COMPRESSORS

SERVICE VALVES FOR SEMI-HERMETIC COMPRESSORS

SWEAT



- Kit includes bolts and gaskets

COPELAND

Part No.	Style	Number Bolts	Bolt Centers (In.)	Connection ODS (In.)	Price
998-0510-04	A	2-Bolt	1-5/8	3/8	Call
998-0510-05	A	2-Bolt	1-5/8	1/2	Call
998051006	A	2 Bolt	1-5/8	5/8	Call
998-0510-14	A	2 Bolt	1-5/8	3/4	Call
998-0510-12	A	2 Bolt	1-5/8	7/8	85.65
998-0510-10	C	2 Bolt	2-3/4	7/8	Call
998-0510-13	A	2 Bolt	1-5/8	1-1/8	85.65
998-0510-09	C	2 Bolt	2-3/4	1-1/8	117.75
998-0510-11	C	2 Bolt	2-3/4	1-3/8	152.91
998-0510-08	D	4 Bolt	2-1/2	1-3/8	438.27
998-0510-07	D	4 Bolt	2-1/2	1-5/8	123.26
998-0510-20	D	4 Bolt	3-1/16	2-1/8	327.48
998-0510-19	D	4 Bolt	3 -7/8	2-5/8	Call
998-0510-18	D	4 Bolt	3 -7/8	3-1/8	Call

SERVICE VALVE, LARGE



- Kit includes bolts and gaskets

COPELAND

Part No.	Style	Bolt Centers (In.)	Connection ODS (In.)	Price
998-0510-10	C	2-3/4	7/8	Call
998-0510-09	C	2-3/4	1-1/8	117.75
998-0510-08	D	2 1/2	1-3/8	438.27
998-0510-07	D	2-1/2	1-5/8	123.26
998-0510-11	C	2-3/4	1-3/8	152.91
998-0510-20	D	3-1/16	2-1/8	327.48
998-0510-19	D	3-7/8	2-5/8	Call
998-0510-18	D	3-7/8	3-1/8	Call

FLARE



- Kit includes bolts and gaskets

COPELAND

Part No.	Style	Bolt Centers(In.)	Connection M Flare (In.)	Comment	Price
998-0510-15	B	1-5/8	3/8	2 Bolt, 2 Service Ports	Call
998051026	A	1-5/8	3/8	2 Bolt	58.09
998-0510-16	B	1-5/8	1/2	2 Bolt, 2 Service Ports	Call
998051024	A	1-5/8	1/2	2 Bolt	62.13
998-0510-17	B	1-5/8	5/8	2 Bolt, 2 Service Ports	Call
998051025	A	1-5/8	5/8	2 Bolt	67.16
998-0510-28	A	1-5/8	5/16	2 Bolt	Call

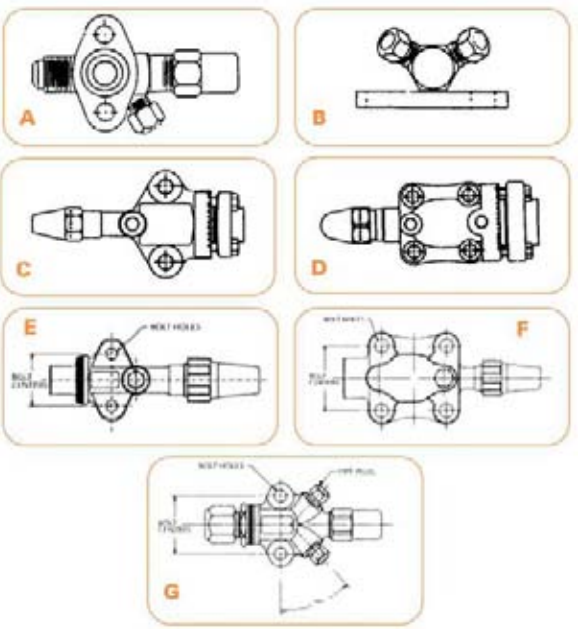
SWEAT



- Kit includes bolts and gaskets

MUELLER INDUSTRIES

Part No.	Style	Number Bolts	Bolt Centers (In.)	Connection ODS (In.)	Price
06DA660060	F	2 Bolt	1-5/8	5/8	Call
06DA660061	E	2 Bolt	1-5/8	7/8	Call
06DA660062	E	2 Bolt	1-3/4	7/8	Call
06DA660064	E	2 Bolt	1-3/4	1-1/8	Call
06DA660063	G	4 Bolt	2-1/2	1-1/8	Call
06DA660065	G	4 Bolt	2-1/2	1-3/8	Call
06EA660090	G	4 Bolt	2-1/2	1-5/8	Call
06EA660091	D	4 Bolt	3-1/16	2-1/8	Call



AIR CONDITIONING COMPRESSORS

ROTOLOCK VALVE

ROTOLOCK X MFL, 90°



- Female rotolock thread

Part No.	Rotolock Size, TPI (In.)	Connection Size (In.)	Price
1RX12FL	1–14	1/2	Call
1RX58FL	1–14	5/8	Call

ROTOLOCK X ODS, 90°



- Female rotolock thread

Part No.	Rotolock Size, TPI (In.)	Connection Size (In.)	Price
1RX12S	1–14	1/2	Call
1RX58S	1–14	5/8	Call
114RX58S	1-1/4–12	5/8	Call
114RX34S	1-1/4–12	3/4	Call
114RX78S	1-1/4–12	7/8	Call
114RX118S	1-1/4–12	1-1/8	Call
134RX118S	1-3/4–12	1-1/8	Call
134RX138S	1-3/4–12	1-3/8	Call
134RX158S	1-3/4–12	1-5/8	Call

ASSORTMENT



- Assortment includes 3-3/4", 4-1", 4-1 1/4" and 2-1 3/4" gaskets

Part No.	Description	Price
ROTOLOCK	Assortment Rotolock Gaskets	Call

ROTOLOCK X ODS



- Female rotolock thread

Part No.	Rotolock Size, TPI (In.)	Connection Size (In.)	Price
114RX78SA	1-1/4–12	7/8	Call
114RX118SA	1-1/4–12	1-1/8	Call
134RX118SA	1-3/4–12	1-1/8	Call
134RX138SA	1-3/4–12	1-3/8	Call

ROTOLOCK VALVE ADAPTER



Adapts compressor with 2 3/4" bolt centers, discus head mounted valve locations for use with 1 3/4" rotolock valves or adapters.

- Includes gasket

Part No.	Bolt Centers (In.)	Price
998003600	2-3/4	61.96



The Advanced Products Group (APG) is a division of Aireco Supply, Inc. that is dedicated to providing intelligent, high performance, sustainable commercial building solutions for HVAC professionals.

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AN INDUSTRY LEADER:

- APG is a market leader in VRF technology and applications in Washington, D.C., Maryland and Virginia.
- APG is one of the most experienced distributors on the east coast with VRF technology and one of Mitsubishi Electric's largest distributors nationwide.



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www.airecoapg.com

TOTAL BUILDING SOLUTION:

- APG has a dedicated sales team that will assist in developing an HVAC solution for your specific mechanical application.
- High-efficiency comfort can be achieved in almost any space without sacrificing form, fit or function
- From historic renovations to modern LEED-certified new construction, APG has a solution.

A PARTNER FROM CONCEPT TO COMMISSIONING:

- APG will be there for start up and commissioning to ensure systems are running properly and all warranties are achieved. Our goal is to make sure the highest standards and best practices are maintained.
- APG provides design assistance and support by consulting with engineers, design-build mechanical contractors and building owners to develop the scope and layout of your project.
- The APG team of product specialists can assist with application and technical questions.

Contact Aireco Advanced Products Group (APG)
Email: APG@aireco.com | Address: 3000 S. Eads, Arlington, VA 22202 | Phone: 571-551-2802 | Fax: 571-551-2803

AIR QUALITY & AIR DISTRIBUTION

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FLOOR AND BASEBOARD

FLOOR REGISTER



- All-steel construction
- Extremely rigid
- Free area averages over 75%
- Toe-operated valve control
- Golden Sand enamel finish

Hart&Cooley

Part No.	Size (In.) W	L	Box Qty.	Price
HC210GS48	4	8	10	Call
HC210GS410	4	10	10	Call
HC210GS412	4	12	10	Call
HC210GS68	6	8	10	22.50
HC210GS610	6	10	10	22.22
HC210GS612	6	12	10	25.98
HC210GS88	8	8	10	Call
HC210GS810	8	10	10	27.21
HC210GS812	8	12	10	30.50
HC210GS814	8	14	10	Call
HC210GS912	9	12	10	Call
HC210GS1010	10	10	5	Call
HC210GS1012	10	12	5	Call
HC210GS1212	12	12	10	37.58

FLOOR RETURN AIR GRILL



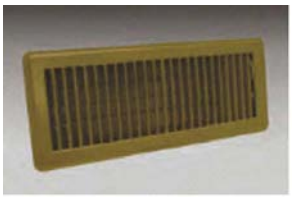
- All-steel construction
- Extremely rigid
- Free area averages over 75%
- Golden Sand enamel finish

Hart&Cooley

Part No.	Size (In.) W	L	Box Qty.	Price
HC265GS410	4	10	6	13.55
HC265GS412	4	12	6	13.77
HC265GS414	4	14	6	Call
HC265GS610	6	10	6	13.73
HC265GS612	6	12	6	Call
HC265GS614	6	14	6	15.36
HC265GS616	6	16	6	Call
HC265GS620	6	20	6	Call
HC265GS624	6	24	6	Call
HC265GS630	6	30	6	Call
HC265GS810	8	10	6	15.71
HC265GS812	8	12	6	15.92
HC265GS814	8	14	6	Call
HC265GS816	8	16	6	Call
HC265GS820	8	20	6	30.02
HC265GS824	8	24	6	Call
HC265GS830	8	30	6	Call
HC265GS1010	10	10	6	Call
HC265GS1012	10	12	6	19.27
HC265GS1014	10	14	6	Call
HC265GS1020	10	20	4	33.02
HC265GS1024	10	24	4	36.66
HC265GS1030	10	30	4	Call
HC265GS1212	12	12	6	Call
HC265GS1214	12	14	6	27.51
HC265GS1220	12	20	4	Call
HC265GS1224	12	24	4	36.72
HC265GS1230	12	30	4	45.19
HC265GS1414	14	14	6	Call
HC265GS1416	14	16	6	38.18
HC265GS1420	14	20	4	Call
HC265GS1424	14	24	4	45.21
HC265GS1430	14	30	2	49.11
HC265GS1620	16	20	4	48.28
HC265GS1624	16	24	4	Call
HC265GS2020	20	20	1	62.36
HC265GS2024	20	24	1	Call
HC265GS2030	20	30	1	Call

FLOOR DIFFUSER

GOLDEN SAND



- Steel
- Multiple angle fin
- Foot operated dial control

IRP International Refrigeration Products Sea Breeze

Part No.	Size (In.) W	L	Box Qty.	Price
FRB4X10	4	10	20	Call
FRB4X12	4	12	20	Call

GOLDEN SAND



- All-steel construction
- Multi-angle fin setting
- Foot-operated dial control
- Golden Sand enamel finish
- Overall dimension: listed size + 1 1/2"

Hart&Cooley

Part No.	Size (In.) W	L	Box Qty.	Price
HC421GS210	2-1/4	10	30	5.20
HC421GS212	2-1/4	12	30	4.87
HC421GS214	2-1/4	14	30	6.19
HC421GS48	4	8	20	4.54
HC421GS410	4	10	20	4.60
HC421GS412	4	12	20	6.28
HC421GS414	4	14	20	7.53
HC421GS610	6	10	10	8.78
HC421GS612	6	12	10	9.82
HC421GS614	6	14	10	10.40

FLOOR AND BASEBOARD

FLOOR DIFFUSER

BRIGHT WHITE



- All-steel construction
- Multi-angle fin setting
- Foot-operated dial control
- Bright White enamel finish
- Overall dimension: listed size + 1 1/2"

Hart&Cooley

	Size (In.)			
Part No.	W	L	Box Qty.	Price
HC421W210	2-1/4	10	30	5.20
HC421W212	2-1/4	12	30	5.37
HC421W214	2-1/4	14	30	6.92
HC421W410	4	10	20	4.60
HC421W412	4	12	20	6.28
HC421W414	4	14	20	8.42
HC421W610	6	10	10	Call
HC421W612	6	12	10	Call
HC421W614	6	14	10	11.63

DELUXE



- All-steel construction
- Multi-angle fin setting
- Foot-operated dial control
- Golden Sand enamel finish
- Overall dimension: listed size + 1 1/4" (6"W), 1 1/8" (2 1/4", 4"W)

Hart&Cooley

	Size (In.)			
Part No.	W	L	Box Qty.	Price
HC411GS210	2-1/4	10	20	Call
HC411GS212	2-1/4	12	20	Call
HC411GS214	2-1/4	14	20	Call
HC411GS410	4	10	10	13.75
HC411GS412	4	12	10	Call
HC411GS414	4	14	10	Call
HC411GS610	6	10	10	25.71
HC411GS612	6	12	10	Call
HC411GS614	6	14	10	Call

[1]Dover White enamel

BASEBOARD TOE-SPACE GRILL

GOLDEN SAND

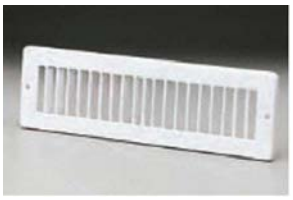


- All-steel construction
- Multi-angle fin setting
- Golden Sand enamel finish
- Overall dimension: listed size + 1 1/8" (2 1/4" W), 1 1/2" (4" W)

Hart&Cooley

	Size (In.)			
Part No.	W	L	Box Qty.	Price
HC420GS102	2-1/4	10	15	3.83
HC420GS122	2-1/4	12	15	4.21
HC420GS214	2-1/4	14	15	Call
HC420GS410	4	10	10	Call
HC420GS412	4	12	10	Call
HC420GS414	4	14	10	Call

BRIGHT WHITE



- All-steel construction
- Multi-angle fin setting
- Bright White enamel finish
- Overall dimension: listed size + 1 1/8" (2 1/4" W), 1 1/2" (4" W)

Hart&Cooley

	Size (In.)			
Part No.	W	L	Box Qty.	Price
HC420W102	2-1/4	10	15	3.83
HC420W122	2-1/4	12	15	4.21
HC420W142	2-1/4	14	15	4.61

SIDEWALL AND CEILING

RETURN AIR GRILL

1/3" FIN SPACING



- 1/3"-spaced fins set at 20°
- All-steel construction
- 5/16" margin turnback
- Bright White enamel finish
- Overall dimension: listed size + 1 3/4"

Hart&Cooley

	Size (In.)			
Part No.	W	H	Box Qty.	Price
HC650W84	8	4	10	Call
HC650W86	8	6	10	3.74
HC650W88	8	8	10	4.13
HC650W814	8	14	10	Call
HC650W104	10	4	10	3.74
HC650W106	10	6	10	3.94
HC650W108	10	8	10	4.87
HC650W1010	10	10	10	6.63
HC650W1014	10	14	5	10.41
HC650W1020	10	20	10	10.66
HC650W124	12	4	10	4.02
HC650W126	12	6	10	3.74
HC650W128	12	8	10	4.87
HC650W1210	12	10	10	7.48
HC650W1212	12	12	10	7.28
HC650W1224	12	24	10	14.16
HC650W1220	12	20	10	12.30
HC650W144	14	4	10	4.37
HC650W146	14	6	10	4.00
HC650W148	14	8	10	4.83
HC650W1410	14	10	10	8.02
HC650W1412	14	12	10	9.19
HC650W1414	14	14	5	9.19
HC650W1420	14	20	5	14.12
HC650W1424	14	24	5	17.81
HC650W1430	14	30	5	22.43
HC650W166	16	6	10	5.94
HC650W168	16	8	10	6.29
HC650W1610	16	10	10	9.77
HC650W1612	16	12	10	10.79
HC650W1614	16	14	5	12.66
HC650W1616	16	16	5	12.13
HC650W1620	16	20	5	16.18
HC650W1624	16	24	5	20.06
HC650W186	18	6	10	6.15
HC650W188	18	8	10	6.84
HC650W1810	18	10	10	10.37
HC650W1812	18	12	10	12.09
HC650W1814	18	14	5	14.28
HC650W1816	18	16	5	Call
HC650W1818	18	18	5	16.95
HC650W1824	18	24	5	23.38
HC650W206	20	6	10	6.73
HC650W208	20	8	10	6.69
HC650W2010	20	10	10	10.81
HC650W2012	20	12	10	12.30
HC650W2014	20	14	5	14.82
HC650W2016	20	16	5	15.40
HC650W2018	20	18	5	19.13
HC650W2020	20	20	5	18.80
HC650W2024	20	24	5	25.13
HC650W2025	20	25	5	28.24
HC650W246	24	6	10	6.29
HC650W248	24	8	10	6.85
HC650W2410	24	10	10	12.61
HC650W2412	24	12	10	13.48
HC650W2414	24	14	5	18.06
HC650W2416	24	16	5	19.10
HC650W2418	24	18	5	23.38
HC650W2420	24	20	5	25.13
HC650W2424	24	24	5	30.58
HC650W2430	24	30	5	38.82
HC650W306	30	6	10	6.94
HC650W308	30	8	10	9.03
HC650W3010	30	10	10	14.68
HC650W3012	30	12	5	15.27
HC650W3014	30	14	5	22.44
HC650W3016	30	16	5	Call
HC650W3018	30	18	5	Call
HC650W3020	30	20	5	31.55
HC650W3030	30	30	5	46.09
HC650W3610	36	10	5	Call

1/3" FIN SPACING



- 1/3" spaced fins set at 20°
- All-steel construction
- 5/16" margin turnback
- Bright White enamel finish
- Overall dimension: listed size + 1 3/4"

Hart&Cooley

	Size (In.)			
Part No.	W	H	Box Qty.	Price
650V10X14	10	14	1	Call
650V14X20	14	20	1	Call
650V14X24	14	24	1	Call
650V14X30	14	30	1	Call
650V16X20	16	20	1	Call
650V16X24	16	24	1	Call
650V20X24	20	24	1	Call
650V20X25	20	25	1	Call

SIDEWALL AND CEILING

RETURN AIR GRILL

1/2" FIN SPACING



- 1/2"-spaced fins set at 40°
- 5/16" margin turnback
- Bright White enamel finish
- Overall dimension: listed size + 1 3/4"

1/2" FIN SPACING, STEEL

Hart&Cooley

Part No.	Size (In.) W	H	Box Qty.	Price
HC672W8X8	8	8	10	Call
HC672W10X4	10	4	10	Call
HC672W10X6	10	6	10	Call
HC672W10X8	10	8	10	Call
HC672W10X10	10	10	10	Call
HC672W10X20	10	20	10	Call
HC672W12X4	12	4	10	Call
HC672W12X6	12	6	10	Call
HC672W12X8	12	8	10	Call
HC672H12X10	12	10	10	Call
HC672W12X12	12	12	10	Call
HC672W12X24	12	24	10	Call
HC672W14X6	14	6	10	Call
HC672W14X8	14	8	10	Call
HC672W14X10	14	10	10	Call
HC672W14X12	14	12	10	Call
HC672W14X14	14	14	5	Call
HC672W14X20	14	20	5	Call
HC672W14X30	14	30	5	Call
HC672W16X6	16	6	10	Call
HC672W16X8	16	8	10	Call
HC672W16X10	16	10	10	Call
HC672W16X12	16	12	10	Call
HC672W16X16	16	16	5	Call
HC672W16X20	16	20	5	Call
HC672W18X6	18	6	10	Call
HC672W18X8	18	8	10	Call
HC672W18X10	18	10	10	Call
HC672W18X12	18	12	10	Call
HC672W18X14	18	14	5	Call
HC672W18X18	18	18	5	Call
HC672W20X6	20	6	10	Call
HC672W20X8	20	8	10	Call
HC672W20X10	20	10	10	Call
HC672W20X12	20	12	10	Call
HC672W20X14	20	14	5	Call
HC672W20X16	20	16	5	Call
HC672W20X20	20	20	5	Call
HC672W20X24	20	24	5	Call
HC672W20X25	20	25	5	Call
HC672W24X6	24	6	10	Call
HC672W24X8	24	8	10	Call
HC672W24X10	24	10	10	Call
HC672W24X12	24	12	10	Call
HC672W24X14	24	14	5	Call
HC672W24X16	24	16	5	Call
HC672W24X18	24	18	5	Call
HC672W24X20	24	20	5	Call
HC672W24X24	24	24	5	Call
HC672W30X6	30	6	10	Call
HC672W30X8	30	8	10	Call
HC672W30X10	30	10	10	Call
HC672W30X12	30	12	5	Call
HC672W30X14	30	14	5	Call
HC672W30X16	30	16	5	Call
HC672W30X18	30	18	5	Call
HC672W30X20	30	20	5	Call
HC672W30X24	30	24	5	Call
HC672W36X12	36	12	5	Call

1/3" FIN SPACING

- 1/3" fin spacing set at 20°
- Steel construction, white

IRP International Refrigeration Products

Sea Breeze

Part No.	Size (In.) W	H	Box Qty.	Price
RGH3W12X6	12	6	20	Call
RGH3W12X12	12	12	20	Call
RGH3W14X6	14	6	20	Call

SIDEWALL AND CEILING

RETURN AIR FILTER GRILL

1/2" FIN SPACING



- 1/2" spaced fins set at 40°
- Use standard 1" thick filters (not included)
- Removable face for easy installation and cleaning
- Equipped with filter adjustable retainers
- Bright White enamel finish
- Overall dimension: listed size + 2 21/32"

Hart&Cooley

Part No.	Size (In.) W	H	Box Qty.	Price
HC673W10X6	10	6	5	Call
HC673W12X12	12	12	5	Call
HC673W12X20	12	20	5	Call
HC673W12X24	12	24	5	Call
HC673W12X36	12	36	1	Call
HC673W14X14	14	14	5	Call
HC673W14X20	14	20	3	Call
HC673W14X24	14	24	5	Call
HC673W14X25	14	25	5	Call
HC673W14X30	14	30	3	Call
HC673W16X16	16	16	5	Call
HC673W16X20	16	20	3	Call
HC673W16X25	16	25	3	Call
HC673W16X30	16	30	3	Call
HC673W18X18	18	18	5	Call
HC673W18X24	18	24	5	Call
HC673W20X10	20	10	5	Call
HC673W20X12	20	12	5	Call
HC673W20X14	20	14	3	Call
HC673W20X16	20	16	3	Call
HC673W20X20	20	20	3	Call
HC673W20X24	20	24	3	Call
HC673W20X25	20	25	3	Call
HC673W20X30	20	30	3	Call
HC673W24X10	24	10	3	Call
HC673W24X12	24	12	5	Call
HC673W24X14	24	14	5	Call
HC673W24X16	24	16	3	Call
HC673W24X18	24	18	5	Call
HC673W24X20	24	20	3	Call
HC673W24X24	24	24	3	Call
HC673W24X30	24	30	3	Call
HC673W24X36	24	36	1	Call
HC673W25X14	25	14	5	Call
HC673W25X16	25	16	3	Call
HC673W25X20	25	20	3	Call
HC673W30X10	30	10	3	Call
HC673W30X12	30	12	3	Call
HC673W30X14	30	14	3	Call
HC673W30X16	30	16	3	Call
HC673W30X18	30	18	3	Call
HC673W30X20	30	20	3	Call
HC673W30X24	30	24	3	Call

1/3" FIN SPACING



- 1/3" spaced fins set at 20°
- Use standard 1" thick filters (not included)
- Removable face for easy installation and cleaning
- Equipped with filter adjustable retainers
- Bright White enamel finish
- Overall dimension: listed size + 2 21/32"

Hart&Cooley

Part No.	Size (In.) W	H	Box Qty.	Price
HC659W1010	10	10	5	20.55
HC659W1212	12	12	5	19.88
HC659W1220	12	20	5	26.90
HC659W1224	12	24	5	28.70
HC659W1414	14	14	5	21.75
HC659W1420	14	20	3	26.61
HC659W1424	14	24	5	30.66
HC659W1430	14	30	3	40.44
HC659W1425	14	25	3	31.81
HC659W1616	16	16	5	27.94
HC659W1620	16	20	3	28.87
HC659W1625	16	25	3	40.10
HC659W1818	18	18	5	33.13
HC659W2010	20	10	5	27.07
HC659W2012	20	12	5	23.10
HC659W2014	20	14	3	29.76
HC659W2016	20	16	3	28.87
HC659W2020	20	20	3	31.10
HC659W2025	20	25	3	38.26
HC659W2412	24	12	5	27.67
HC659W2414	24	14	5	30.25
HC659W2418	24	18	5	38.82
HC659W2420	24	20	3	44.35
HC659W2424	24	24	3	47.82
HC659W2514	25	14	5	31.81
HC659W2516	25	16	3	40.10
HC659W2520	25	20	3	38.67
HC659W2525	25	25	1	52.89
HC659W3010	30	10	3	Call
HC659W3014	30	14	3	40.44
HC659W3020	30	20	3	Call
HC659W3024	30	24	3	65.91
HC659W3030	30	30	1	Call

SUPPLY REGISTER

TWO-WAY DEFLECTION, FLUSH



- 1/3" fin spacing set at 20°
- Steel construction
- Adjustable with positive off

IRP International Refrigeration Products — Sea Breeze

Part No.	Size (In.) W	H	Box Qty.	Price
SR2W10X4	10	4	20	Call
SR2W10X6	10	6	20	Call
SR2W12X4	12	4	20	Call
SR2W12X6	12	6	20	Call

SIDEWALL AND CEILING

SUPPLY REGISTER

TWO-WAY DEFLECTION, FLUSH



- 1/3" spaced fins set at 20°
- All-steel construction
- Multi-shutter valve
- 1-5/8" depth when fully opened
- Interlocking valve louvers for positive shutoff
- Equipped with gasket
- Bright White enamel finish
- Overall dimension: listed size + 1-1/4"

Hart&Cooley

Part No.	Size (In.) W	H	Box Qty.	Price
HC661W66	6	6	10	8.21
HC661W84	8	4	10	7.23
HC661W86	8	6	10	8.08
HC661W88	8	8	10	11.07
HC661W104	10	4	20	7.61
HC661W106	10	6	20	8.14
HC661W108	10	8	10	11.58
HC661W1010	10	10	10	Call
HC661W124	12	4	20	8.10
HC661W126	12	6	20	9.16
HC661W128	12	8	10	12.20
HC661W144	14	4	10	9.41
HC661W146	14	6	20	10.44
HC661W148	14	8	10	13.57
HC661W166	16	6	10	15.67
HC661W168	16	8	10	18.77
HC661W246	24	6	6	Call
HC661W306	30	6	6	Call

TWO-WAY DEFLECTION



- 1/2" spaced fins set at 40°
- 1-5/8" depth when fully opened
- All-steel construction
- Equipped with gasket
- Multi-shutter valve
- Bright White enamel finish
- Interlocking valve louvers for positive shut-off
- Overall dimension: listed size + 1-3/4"

Hart&Cooley

Part No.	Size (In.) W	H	Box Qty.	Price
HC682W84	8	4	10	Call
HC682W104	10	4	20	7.15
HC682W106	10	6	20	7.64
HC682W108	10	8	10	Call
HC682W124	12	4	20	7.61
HC682W126	12	6	20	8.60
HC682W128	12	8	10	12.20
HC682W144	14	4	10	9.41
HC682W146	14	6	20	10.44
HC682W148	14	8	10	14.24
HC682W166	16	6	10	15.67

ROUND CEILING DIFFUSER

DAMPER



Ceiling diffuser outlet and damper in one piece. Plastic with stepped collar (6", 7", 8"). 8" air opening, 9-1/4" hole, 12-1/2" overall diameter, Mounting clips rotate into position eliminating need to drill holes. Damper mechanism will not strip or break when overtightened.

AIRTEC

Part No.	Diameter (In.)	Box Qty.	Price
MV360	9-1/4	4	27.15

DAMPER



- All-steel construction
- Step down diffuser rings deflect air stream 360°
- Equipped with gasket
- Bright White enamel finish
- Overall dimension: listed size + 3-15/16"

Hart&Cooley

Part No.	Diameter (In.)	Dia. (In.)	Box Qty.	Price
HC16W6	6	6	20	7.73
HC16W8	8	8	20	8.78
HC16W10	10	10	10	11.03
HC16W12	12	12	10	14.60
HC16W14	14	14	10	Call

SIDEWALL AND CEILING

CEILING DIFFUSER

BUTTERFLY DAMPER



- All-steel construction
- Controls air volume evenly over entire diffuser
- Removable knob operator for adjustment from closed to fully open
- Golden Sand enamel finish

Hart&Cooley

Part No.	Diameter (In.)	Box Qty.	Price
HC12GS6	6	20	12.23
HC12GS8	8	20	12.40
HC12GS10	10	10	15.28
HC12GS12	12	10	21.05
HC12GS14	14	10	27.05

SQUARE



- All-steel construction
- Step down face deflects air stream 360°
- Equipped with gasket
- Bright White enamel finish
- Overall dimension: listed size + 5-1/2"

Hart&Cooley

Part No.	Size (In.) W	Size (In.) H	Box Qty.	Price
HC24W66	6	6	10	19.85
HC24W88	8	8	10	Call
HC24W1010	10	10	10	Call
HC24W1212	12	12	5	31.77
HC24W1414	14	14	5	Call
HC24W1616	16	16	2	Call
HC24W2020	20	20	1	Call
HC24W2424	24	24	1	Call
HC22GS66	6	6	20	15.28
HC22GS88	8	8	20	15.57
HC22GS1010	10	10	10	17.80
HC22GS1212	12	12	10	21.26
HC22GS1414	14	14	10	25.91
MV2		2-Way		27.85
MV3		3-Way		Call
MV4		4-Way		27.15

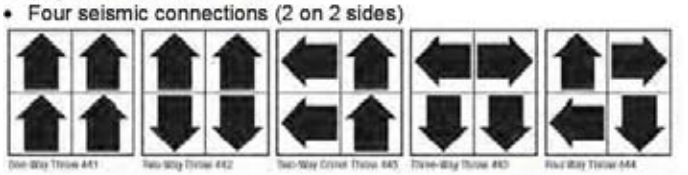
T-BAR DIFFUSERS

LAY IN DIFFUSER

SURFAIRE®



- Patented deflector apertures (U.S.Pat. No. 3,948,155)
- Formed galvanized steel back panel
- Fiberglass insulation blanket with aluminum foil vapor barriers to minimize condensation
- Insulation prescored to accommodate collar size desired
- Accepts unique snap-in collar (5400 Series)
- Utilizes butterfly damper (3800 Series) inserted in collar
- Bright White enamel finish
- Four seismic connections (2 on 2 sides)



Hart&Cooley

Part No.	Collar Size (In.)	Box Qty.	Price
HC441	6–12	4	Call
HC442	6–12	4	Call
HC443	6–12	4	Call
HC444	6–12	4	49.56
HC445	6–12	4	Call

PERFORATED SUPPLY DIFFUSER

STANDARD



- Perforated steel face
- Face adjustable deflectors
- Insulation prescored to accommodate collar size desired
- Accepts unique snap-in collar (5400 Series)
- Utilizes Butterfly damper (3800 Series) inserted in collar
- Damper adjusted thru diffuser face to allow proper air balancing
- Formed steel precoated back panel
- Fiberglass insulation blanket with foil vapor barrier to minimize condensation
- Bright white finish
- 14" fixed collar (PDS(D)14)

Hart&Cooley

Part No.	Comment	Collar Size (In.)	Price
HCPDSD	Adjustable Deflector	6–12	45.17
HCPDSD14	Adjustable Deflector	14	Call
HCPDS	Fixed Deflector	6–12	Call
HCPDS14	Fixed Deflector	14	Call

T-BAR DIFFUSERS

PERFORATED SUPPLY DIFFUSER

RENOVATOR



- Renovator model
- One inch molded fiberglass back panel
- Self-insulated to absorb sound
- Bonded foil vapor barrier minimizes condensation
- Deep back cavity provides excellent performance characteristics
- Prescored back–accepts 1" spin in or tab collar allowing neck size and location to be determined at time of installation
- Bright White enamel finish
- RENPSR6 for installations where R6 insulation is required

Hart&Cooley

Part No.	Box Qty.	Description	Price
REN4	4	Surfaire® Face	35.80
RENP	4	Perforated Face	21.10
RENPS	4	Perforated Face w/Deflector	21.10
RENPSR6	—	Perforated Face w/Deflector, R6 Insulation	Call

FILTER GRILL

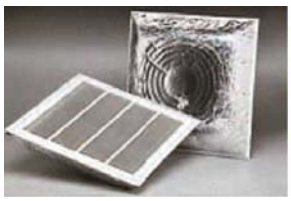
LANCED FACE

- Accepts 20 x 20 x 1" filter
- Molded fiberglass back
- White finish

IRP International Refrigeration Products Sea Breeze

	Size (In.)			
Part No.	W	L	Box Qty.	Price
FGTW20X20	20	20	5	Call

LANCED FACE, STEEL



- Uses standard 1" filters (not included)
- Bright White finish
- Lanced face design
- Accepts 20" x 20" x 1" filter
- Overall dimension: listed size + 3 3/4"

Hart&Cooley

	Size (In.)			
Part No.	W	L	Box Qty.	Price
HC659T2020*	20	20	3	44.79
HC659TI2X2	20	20	2	51.00

* Open frame back ** molded fiberglass back

Overall Dimension All T-Bar Products: 23 3/4" x 23 3/4"

HIGH VOLUME SUPPLY DIFFUSER



- Provides high air volume delivery
- 360° air diffusion
- Formed steel back panel
- Fiberglass insulation blanket with foil vapor barrier to minimize condensation
- Insulation prescored to accommodate collar size desired
- Accepts unique snap-in collar (5400 Series)
- Utilizes butterfly damper (3800 Series) inserted in collar
- Bright White enamel finish
- 14" fixed collar HVS14
- HVSR6 features 1" of foil backed molded fiberglass insulation

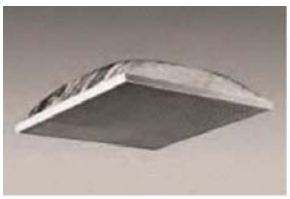
Hart&Cooley

Part No.	Collar Size (In.)	Box Qty.	Price
HVS	6–12	2	60.93
HVSR6	6–12	2	Call
HVS14	14	2	Call

Overall Dimension All T-Bar Products: 23 3/4" x 23 3/4"

RETURN GRILL

MOLDED FIBERGLASS BACK

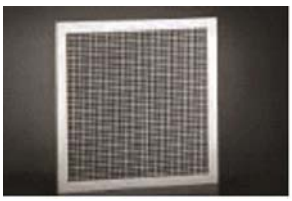


- Aluminum construction
- 1" molded fiberglass back
- Fiberglass back covers entire T-Bar opening
- Prescored back allows neck size to be determined at time of installation
- Self insulating to absorb sound
- Accepts unique snap-in collar (5400 Series)

Hart&Cooley

Part No.	Collar Size (In.)	Box Qty.	Price
RE5TI	6–12	4	60.79

FACE ONLY



- Aluminum construction
- Grid core face 1/2" x 1/2" x 1/2"
- Satin Anodized finish
- Overall dimension: listed size plus 1 3/4"

Hart&Cooley

	Size (In.)			
Part No.	L	W	Box Qty.	Price
RE5T22X22	22	22	5	57.11
RE5T46X22	22	46	1	Call

T-BAR DIFFUSERS

ACCESSORIES

DAMPER



- Adjustable butterfly damper with removable handle
- Fits CR series collar

Part No.	Diameter (In.)	Box Qty.	Price
ABD6	6	12	Call
ABD7	7	12	Call
ABD8	8	12	Call
ABD10	10	10	Call
ABD12	12	10	Call

DAMPER



- Adjustable butterfly damper with removable handle
- Fits 5400 Series collar

Part No.	Diameter (In.)	Box Qty.	Price
HC3806	6	12	8.91
HC3807	7	12	Call
HC3808	8	12	8.91
HC3809	9	12	Call
HC3810	10	10	9.69
HC3812	12	10	10.80
HC3814	14	8	13.83

COLLAR



- 2" high
- Galvanized steel
- Use with ABD series butterfly dampers and Sea Breeze diffusers

Part No.	Diameter (In.)	Box Qty.	Price
CR6	6	12	Call
CR7	7	12	Call
CR8	8	12	Call
CR10SB	10	10	Call
CR12	12	10	Call

COLLAR



- Unique snap-in design for easy installation
- 2" high collar permits easy flex connections
- For molded back Hart and Cooley T-bar diffusers

Part No.	Diameter (In.)	Box Qty.	Price
HC5406	6	12	4.66
HC5407	7	12	Call
HC5408	8	12	4.66
HC5409	9	12	Call
HC5410	10	10	4.96
HC5412	12	10	4.74
HC5414	14	10	14.56

AIR DISTRIBUTION

SNAP LOCK PIPE

24" LONG, 30 GAUGE



- Acme Bartonville = 202
- Acme Philadelphia Medina = 4
- Alco = 101

Part No.	Size (In.)	Box Qty.	Price
SWSL24330	3	25	4.24
SWSL24430	4	25	4.34
SWSL24530	5	25	4.86
SWSL24630	6	25	5.12
SWSL24730	7	25	6.44
SWSL24830	8	25	7.72
SWSL24930	9	25	10.03
SWSL241030	10	25	8.84
SWSL241230	12	25	12.70
SWSL241430	14	25	Call

24" LONG, 26 GAUGE

Part No.	Size (In.)	Box Qty.	Price
SWSL24326	3	10	4.88
SWSL24426	4	10	4.64
SWSL24526	5	10	4.80
SWSL24626	6	10	4.98
SWSL24726	7	10	9.59
SWSL24826	8	10	10.02
SWSL24926	9	10	9.20
SWSL241026	10	10	11.70
SWSL241226	12	10	15.92
SWSL241426	14	10	17.24
SWSL241626	16	10	21.92
SWSL241826	18	10	Call

60" LONG, 30 GAUGE

- Acme Bartonville = 205
- Acme Philadelphia/Medina = 51
- Alco = 101

Part No.	Size (In.)	Box Qty.	Price
SWSL60330	3	10	7.12
SWSL60430	4	10	7.04
SWSL60530	5	10	7.12
SWSL60630	6	10	7.12
SWSL60730	7	10	8.20
SWSL60830	8	10	9.50
SWSL60930	9	10	14.26
SWSL601030	10	10	14.86
SWSL601230	12	10	18.06
SWSL601430	14	10	Call

AIR DISTRIBUTION

SNAP LOCK PIPE

60" LONG, 26 GAUGE

Part No.	Size (In.)	Box Qty.	Price
SWSL60426	4	10	8.96
SWSL60526	5	10	10.86
SWSL60626	6	10	10.42
SWSL60726	7	10	13.34
SWSL60826	8	10	14.78
SWSL60926	9	10	15.16
SWSL601026	10	10	16.86
SWSL601226	12	10	19.76
SWSL601426	14	10	23.86

90° ELBOW

30 GAUGE



- Acme Bartonville = 390
- Acme Philadelphia/Medina = 81
- Alco = 111
- Southwark Indianapolis = 1005
- M&M = 125

Part No.	Size (In.)	Box Qty.	Price
SW90330	3	12	2.02
SW90430	4	12	2.02
SW90530	5	12	2.14
SW90630	6	12	2.14
SW90730	7	12	2.60
SW90830	8	12	3.28
SW90930	9	12	4.74
SW901030	10	12	7.22
SW901230	12	4	7.94
SW901430	14	4	Call
SW901630	16	4	Call
SW901830	18	4	Call
SW902030	20	4	Call

26 GAUGE

Part No.	Size (In.)	Box Qty.	Price
SW90326	3	12	2.90
SW90426	4	12	2.96
SW90526	5	12	3.56
SW90626	6	12	3.96
SW90726	7	12	4.18
SW90826	8	12	4.58
SW90926	9	12	6.62
SW901026	10	12	8.60
SW901226	12	4	10.28
SW901426	14	4	11.96
SW901626	16	4	18.44
SW901826	18	4	Call
SW902026	20	4	91.76

TEE

26 GAUGE

Part No.	Size (In.)	Box Qty.	Price
SW543	3	6	14.46
SW544	4	6	14.38
SW545	5	6	15.32
SW546	6	6	17.54
SW547	7	6	20.92
SW548	8	6	22.24
SW549	9	6	23.72
SW5410	10	3	28.50
SW5412	12	3	26.12
SW5414	14	3	29.32
SW5416	16	3	Call
SW5418	18	3	Call
SW5420	20	3	Call

AIRFLOW TEE



- Acme Bartonville = 162
- Acme Philadelphia/Medina = 158
- Alco = 277
- Southwark Philadelphia = 52
- Southwark Indianapolis = 1058
- Metalcraft MS = 203
- Metalcraft SC = 203

	Diameter (In.)				
Part No.	Run	Run	Branch	Box Qty.	Price
SW52644	6	4	4	12	Call
SW52654	6	5	4	12	Call
SW52755	7	5	5	6	Call
SW52765	7	6	5	6	Call
SW52866	8	6	6	6	Call
SW52977	9	7	7	6	Call
SW521088	10	8	8	6	Call
SW521288	12	8	8	6	Call
SW12108	12	10	8	6	Call
SW52121010	12	10	10	6	Call
SW52141212	14	12	12	6	Call

AIR DISTRIBUTION

TAPER REDUCER PATTERN

NO CRIMP, 26 GAUGE



- Acme Bartonville = 64
- Acme Philadelphia/Medina = 65NC
- Alco = 265
- Southwark Philadelphia = 58
- Southwark Indianapolis = 1062
- Metalcraft MS = 66NC
- Metalcraft SC = 66NC
- M&M = 400

Part No.	Size (In.) 1	Size (In.) 2	Box Qty.	Price
SW5843	4	3	12	3.96
SW5853	5	3	12	4.56
SW5854	5	4	12	4.08
SW5863	6	3	12	3.84
SW5864	6	4	12	4.42
SW5865	6	5	12	4.42
SW5873	7	3	12	Call
SW5874	7	4	12	Call
SW5875	7	5	12	5.44
SW5876	7	6	12	5.44
SW5884	8	4	12	10.60
SW5885	8	5	12	6.60
SW5886	8	6	12	5.44
SW5887	8	7	12	5.44
SW5896	9	6	12	Call
SW5897	9	7	12	6.48
SW5898	9	8	12	6.48
SW58105	10	5	12	Call
SW58106	10	6	12	Call
SW58107	10	7	12	Call
SW58108	10	8	12	6.46
SW58109	10	9	12	8.72
SW58126	12	6	12	8.38
SW58128	12	8	12	9.96
SW58129	12	9	12	16.06
SW581210	12	10	12	7.76
SW58146	14	6	6	Call
SW58148	14	8	6	Call
SW581410	14	10	12	14.72
SW581412	14	12	12	11.48
SW581612	16	12	6	Call
SW581614	16	14	12	14.36
SW581814	18	14	6	Call
SW581816	18	16	6	16.80
SW582018	20	18	6	Call

END CAP

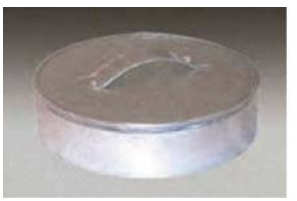
LESS HANDLE, NO CRIMP



- Acme Bartonville = 65
- Acme Philadelphia/Medina = 118NC
- Alco = 273
- Southwark Philadelphia = 55
- Southwark Indianapolis = 1064NC
- Metalcraft MS = 129NC
- Metalcraft SC = 129NC

Part No.	Size (In.)	Box Qty.	Price
SW55NHNC3	3	12	Call
SW55NHNC4	4	12	Call
SW55NHNC5	5	12	Call
SW55NHNC6	6	12	8.80
SW55NHNC7	7	12	Call
SW55NHNC8	8	12	8.00
SW55NHNC9	9	12	Call
SW55NHNC10	10	12	9.96
SW55NHNC12	12	12	17.14
SW55NHNC14	14	12	6.16
SW55NHNC16	16	12	Call

WITH HANDLE, NO CRIMP



Part No.	Size (In.)	Box Qty.	Price
SW555	5	12	6.18
SW556	6	12	6.16
SW557	7	12	8.14
SW558	8	12	8.80
SW559	9	12	9.52
SW5510	10	12	9.16
SW5512	12	12	10.00
SW5514	14	12	17.38

SIDE TAKEOFF



- Acme Bartonville = EP1, EP5
- Acme Philadelphia/Medina = 52
- Alco = 309S
- Southwark Philadelphia = 63
- Southwark Indianapolis = 63
- Metalcraft MS = 71
- Metalcraft SC = 71

Part No.	Size (In.)	Box Qty.	Price
SW635	5	12	6.16
SW636	6	12	6.76
SW637	7	12	9.86
SW638	8	12	9.08
SW6310	10	12	25.90

AIR DISTRIBUTION

TAB COLLAR

CRIMP



- Acme Bartonville = 70
- Acme Philadelphia/Medina = 125
- Alco = 261
- Southwark Philadelphia = 97
- Southwark Indianapolis = 1051
- Metalcraft MS = 120
- Metalcraft SC = 120
- M&M = 500

Part No.	Size (In.)	Box Qty.	Price
SW973	3	12	Call
SW974	4	12	1.84
SW975	5	12	1.68
SW976	6	12	1.84
SW977	7	12	2.18
SW978	8	12	2.34
SW979	9	12	2.88
SW9710	10	12	3.44
SW9712	12	12	4.88
SW9714	14	12	4.80
SW9716	16	12	7.69
SW9718	18	12	Call
SW9720	20	12	Call

LONG



- Acme Bartonville = 70L
- Acme Philadelphia/Medina = 125L
- Alco = 261, 261S
- Southwark Philadelphia = 97LS
- Southwark Indianapolis = 1050
- Metalcraft = 120L

Part No.	Size (In.)	Box Qty.	Price
SW97LS4	4	12	Call
SW97LS5	5	12	1.12
SW97LS6	6	12	1.24
SW97LS7	7	12	1.26
SW97LS8	8	12	1.52
SW97LS9	9	12	Call
SW97LS10	10	12	1.94
SW97LS12	12	12	2.94
SW97LS14	14	12	3.68
SW97LS16	16	12	7.46
SW97LS18	18	12	11.14
SW97LS20	20	12	16.44

DAMPER, LONG



Part No.	Size (In.)	Box Qty.	Price
SW97LSWD5	5	5	Call
SW97LSWD6	6	6	5.20
SW97LSWD7	7	7	Call
SW97LSWD8	8	8	11.80
SW97LSWD9	9	9	Call
SW97LSWD10	10	10	Call
SW97LSWD12	12	12	Call
SW97LSWD14	14	14	Call
SW97LSWD16	16	16	Call

SPIN COLLAR

PLAIN



- Acme Bartonville = 156
- Acme Philadelphia/Medina = 156
- Alco = 700

Part No.	Size (In.)	Box Qty.	Price
SW156LS5	5	12	5.26
SW156LS6	6	12	5.68
SW156LS7	7	12	6.22
SW156LS10	10	12	Call
SW156LS12	12	12	Call

TOP TAKEOFF

1 1/4" RISE



- Acme Bartonville = EP300
- Acme Philadelphia/Medina = 39CT
- Alco = 308

Part No.	Size (In.)	Box Qty.	Price
SW625	5	12	4.32
SW626	6	12	5.12
SW627	7	12	8.36
SW628	8	12	12.28

AIR DISTRIBUTION

DUCTBOARD SIDE TAKEOFF

TAB COLLAR



- Acme Bartonville = 147
- Acme Philadelphia/Medina = 147
- Alco = 261F
- Southwark Philadelphia = 84ST
- Southwark Indianapolis = 2020
- Metalcraft MS = 122
- Metalcraft SC = 122
- M&M = 507

Part No.	Size (In.)	Box Qty.	Price
SW84ST4	4	12	Call
SW84ST5	5	12	2.70
SW84ST6	6	12	2.28
SW84ST7	7	12	3.08
SW84ST8	8	12	3.68
SW84ST9	9	12	Call
SW84ST10	10	12	4.36
SW84ST12	12	12	5.16
SW84ST14	14	12	6.00
SW84ST16	16	12	9.40
SW84ST18	18	12	Call
SW84ST20	20	6	Call

TAB COLLAR, DAMPER



- Acme Bartonville = 146
- Acme Philadelphia/Medina = 146
- Alco = 310F
- Southwark Philadelphia = 84STWD
- Southwark Indianapolis = 2021
- Metalcraft MS = 122D
- Metalcraft SC = 122D
- M&M = 507D

Part No.	Size (In.)	Box Qty.	Price
SW84STWD5	5	12	6.50
SW84STWD6	6	12	9.24
SW84STWD7	7	12	6.96
SW84STWD8	8	12	11.34
SW84STWD9	9	12	Call
SW84STWD10	10	12	Call
SW84STWD12	12	12	Call
SW84STWD14	14	6	Call
SW84STWD16	16	6	Call

SPIN COLLAR



- Acme Bartonville = 149
- Acme Philadelphia/Medina = 149
- Alco = 600
- Southwark Philadelphia = 97FG
- Southwark Indianapolis = 2019
- Metalcraft MS = 97
- Metalcraft SC = 97

Part No.	Size (In.)	Box Qty.	Price
SW97FG4	4	12	Call
SW97FG5	5	12	Call
SW97FG6	6	12	10.46
SW97FG7	7	12	Call
SW97FG8	8	12	12.44
SW97FG10	10	3	Call
SW97FG12	12	3	Call
SW97FG14	14	3	Call
SW97FG16	16	3	Call
SW97FG18	18	3	Call

ADHESIVE TOP TAKEOFF

STANDARD



- Southwark Philadelphia = AT62
- Southwark Indianapolis = AT62

Part No.	Size (In.)	Box Qty.	Price
SWAT625	5	12	8.18
SWAT626	6	12	10.75
SWAT627	7	12	14.12
SWAT628	8	12	Call

ADHESIVE SIDE TAKEOFF

FLAT TO ROUND



- Acme Bartonville = 167
- Acme Philadelphia/Medina = 167
- Alco = 167
- Southwark Philadelphia = ATT
- Southwark Indianapolis = ATT
- Metalcraft MS = ATT
- Metalcraft SC = ATT
- M&M = 503AT

Part No.	Size (In.)	Box Qty.	Price
SWATT6	6	12	5.50
SWATT7	7	12	5.86
SWATT8	8	12	6.48
SWATT10	10	12	8.76
SWATT12	12	12	10.50
SWATT14	14	12	12.36

ADHESIVE SIDE TAKEOFF



- Acme Bartonville = 168
- Acme Philadelphia/Medina = 168
- Alco = 168
- Southwark Philadelphia = ATD
- Southwark Indianapolis = ATD
- Metalcraft MS = ATD
- Metalcraft SC = ATD
- M&M = 503ATDZ

Part No.	Size (In.)	Box Qty.	Price
SWATD5	5	12	7.50
SWATD6	6	12	6.82
SWATD7	7	12	8.70
SWATD8	8	12	8.32
SWATD10	10	12	11.50
SWATD12	12	6	14.16
SWATD14	14	6	18.96

AIR DISTRIBUTION

ADHESIVE SIDE TAKEOFF

ROUND TO ROUND



- Acme Bartonville = 171
- Alco = 171
- Southwark Philadelphia = ATTRP
- Southwark Indianapolis = ATTRP
- Metalcraft MS = ATRP
- Metalcraft SC = ATRP
- M&M = 503SATTO

Part No.	Size (In.)	Box Qty.	Price
SWATTRP4	4	12	6.54
SWATTRP5	5	12	Call
SWATTRP6	6	12	5.30
SWATTRP7	7	12	Call
SWATTRP8	8	12	6.30
SWATTRP10	10	12	12.52
SWATTRP12	12	6	14.98
SWATTRP14	14	6	16.48
SWATTRP16	16	6	Call

REGISTER BOOT, 90°

STANDARD



- Acme Bartonville = P13
- Acme Philadelphia/Medina = 59
- Alco = 243
- Southwark Philadelphia = 24R
- Southwark Indianapolis = PH-4
- Metalcraft MS = RB59
- Metalcraft SC = RB59
- M&M = 203R

	Size (In.)				
Part No.	W	L	Round	Box Qty.	Price
SW24R2104	2-1/4	10	4	12	Call
SW24R2105	2-1/4	10	5	12	5.70
SW24R2106	2-1/4	10	6	12	5.70
SW24R2124	2-1/4	12	4	12	Call
SW24R2125	2-1/4	12	5	12	5.70
SW24R2126	2-1/4	12	6	12	5.06
SW24R2127	2-1/4	12	7	12	Call
SW24R2146	2-1/4	14	6	12	6.10
SW24R2147	2-1/4	14	7	12	Call
SW24R2148	2-1/4	14	8	12	Call
SW24R3126	3-1/4	12	6	12	Call
SW24R3127	3-1/4	12	7	12	Call
SW24R4104	4	10	4	12	3.86
SW24R4105	4	10	5	12	3.08
SW24R4106	4	10	6	12	3.38
SW24R4107	4	10	7	12	4.12
SW24R4108	4	10	8	12	Call
SW24R4125	4	12	5	12	4.80
SW24R4126	4	12	6	12	3.38
SW24R4127	4	12	7	12	4.12
SW24R4128	4	12	8	12	4.34
SW24R4146	4	14	6	12	Call
SW24R4147	4	14	7	12	Call
SW24R4148	4	14	8	12	8.64
SW24R6106	6	10	6	12	6.54
SW24R6107	6	10	7	12	5.50
SW24R6108	6	10	8	12	Call
SW24R6126	6	12	6	12	6.78
SW24R6127	6	12	7	12	6.76
SW24R6128	6	12	8	12	6.26
SW24R6146	6	14	6	12	Call
SW24R6147	6	14	7	12	Call
SW24R6148	6	14	8	12	7.72
SW24R8148	8	14	8	12	Call

REGISTER BOOT, END, 90°

STANDARD



- Acme Bartonville = P17C
- Acme Philadelphia/Medina = 60C
- Alco = 244
- Southwark Philadelphia = 28R
- Southwark Indianapolis = PH-3
- Metalcraft MS = RB58
- Metalcraft SC = RB58
- M&M = 202R

	Size (In.)				
Part No.	W	L	Round	Box Qty.	Price
SW28R2104	2-1/4	10	4	12	Call
SW28R2105	2-1/4	10	5	12	5.70
SW28R2106	2-1/4	10	6	12	4.80
SW28R2125	2-1/4	12	5	12	5.70
SW28R2126	2-1/4	12	6	12	4.24
SW28R2127	2-1/4	12	7	12	Call
SW28R2146	2-1/4	14	6	12	Call
SW28R2147	2-1/4	14	7	12	Call
SW28R2148	2-1/4	14	8	12	Call
SW28R3106	3-1/4	10	6	12	Call
SW28R3126	3-1/4	12	6	12	Call
SW28R4104	4	10	4	12	7.80
SW28R4105	4	10	5	12	3.38
SW28R4106	4	10	6	12	3.38
SW28R4107	4	10	7	12	Call
SW28R4108	4	10	8	12	Call
SW28R4125	4	12	5	12	4.80
SW28R4126	4	12	6	12	3.38
SW28R4127	4	12	7	12	4.12
SW28R4128	4	12	8	12	4.34
SW28R4146	4	14	6	12	Call
SW28R4147	4	14	7	12	Call
SW28R4148	4	14	8	12	Call
SW28R6106	6	10	6	12	6.54
SW28R6107	6	10	7	12	Call
SW28R6108	6	10	8	12	Call
SW28R6126	6	12	6	12	6.78
SW28R6127	6	12	7	12	Call
SW28R6128	6	12	8	12	6.26
SW28R6146	6	14	6	12	Call
SW28R6147	6	14	7	12	Call
SW28R6148	6	14	8	12	Call

AIR DISTRIBUTION

REGISTER BOOT, STRAIGHT BACK

STANDARD



- Acme Bartonville = P5
- Acme Philadelphia/Medina = 61
- Alco = 241
- Southwark Philadelphia =27R
- Southwark Indianapolis = PH-7
- Metalcraft MS = RB50
- Metalcraft SC = RB50
- M&M = 201R

Part No.	Size (In.) W	L	Round	Box Qty.	Price
SW27R2104	2-1/4	10	4	12	Call
SW27R2105	2-1/4	10	5	12	4.80
SW27R2106	2-1/4	10	6	12	4.80
SW27R2124	2-1/4	12	4	12	Call
SW27R2125	2-1/4	12	5	12	5.70
SW27R2126	2-1/4	12	6	12	3.68
SW27R2127	2-1/4	12	7	12	Call
SW27R2128	2-1/4	12	8	12	Call
SW27R2146	2-1/4	14	6	12	Call
SW27R2147	2-1/4	14	7	12	Call
SW27R2148	2-1/4	14	8	12	Call
SW27R3016	3-1/4	10	6	12	Call
SW27R3146	3-1/4	14	6	12	Call
SW27R484	4	8	4	12	Call
SW27R486	4	8	6	12	8.98
SW27R4104	4	10	4	12	3.58
SW27R4105	4	10	5	12	3.08
SW27R4106	4	10	6	12	3.08
SW27R4107	4	10	7	12	4.12
SW27R4108	4	10	8	12	6.84
SW27R4125	4	12	5	12	4.80
SW27R4126	4	12	6	12	3.08
SW27R4127	4	12	7	12	3.46
SW27R4128	4	12	8	12	4.34
SW27R4146	4	14	6	12	Call
SW27R4147	4	14	7	12	Call
SW27R4148	4	14	8	12	Call
SW27R6105	6	10	5	12	Call
SW27R6106	6	10	6	12	6.54
SW27R6107	6	10	7	12	Call
SW27R6108	6	10	8	12	Call
SW27R6126	6	12	6	12	6.80
SW27R6127	6	12	7	12	6.40
SW27R6128	6	12	8	12	7.44
SW27R6146	6	14	6	12	Call
SW27R6147	6	14	7	12	Call
SW27R6148	6	14	8	12	6.50
SW27R61410	6	14	10	12	Call

SLIP & DRIVE TRUNK



- Acme Bartonville = 100
- Acme Philadelphia/Medina = 1
- Alco = 401
- Southwark Indianapolis = 1108

Part No.	Size (In.) W	L	Joint Length	Box Qty. (Jt.)	Price
SW4888	8	8	48	6	18.20
SW6088	8	8	60	5	20.68
SW48108	8	10	48	6	19.54
SW60108	8	10	60	5	22.18
SW48128	8	12	48	6	21.06
SW60128	8	12	60	5	26.34
SW48148	8	14	48	6	23.82
SW60148	8	14	60	5	27.08
SW48168	8	16	48	6	26.64
SW60168	8	16	60	5	30.26
SW48188	8	18	48	6	29.90
SW60188	8	18	60	5	33.96
SW48208	8	20	48	6	31.40
SW60208	8	20	60	5	35.60
SW48228	8	22	48	6	35.22
SW60228	8	22	60	5	40.00
SW48248	8	24	48	6	37.38
SW60248	8	24	60	5	42.46
SW60288	8	28	60	5	82.42

ANGLE, 45°, SHORTWAY



- Acme Bartonville = 106
- Acme Philadelphia/Medina = 17
- Alco = 445
- Southwark Philadelphia = 15
- Southwark Indianapolis = 1140
- Metalcraft MS = 15
- Metalcraft SC = 34V

Part No.	Size (in.) H (In.)	W (In.)	Box Qty.	Price
SW1588	8	8	6	19.12
SW15108	8	10	6	18.24
SW15128	8	12	6	19.34
SW15148	8	14	6	20.66
SW15168	8	16	6	22.22
SW15188	8	18	6	23.88
SW15208	8	20	6	26.36

AIR DISTRIBUTION

SLIP & DRIVE TRUNK

ANGLE, 45°, BROADWAY



- Acme Bartonville = 109
- Acme Philadelphia/Medina = 16
- Alco = 435
- Southwark Philadelphia = 13
- Southwark Indianapolis = 1145
- Metalcraft MS = 13
- Metalcraft SC = 30F

Part No.	Size (in.) H (In.)	Size (in.) W (In.)	Box Qty.	Price
SW1388	8	8	6	18.30
SW13108	8	10	6	18.70
SW13128	8	12	6	19.22
SW13148	8	14	6	21.06
SW13168	8	16	6	25.80
SW13188	8	18	6	28.18
SW13208	8	20	6	30.36
SW1513248	8	24	6	Call

ANGLE, 90°, BROADWAY



- Acme Bartonville = 190
- Acme Philadelphia/Medina = 6
- Alco = 430
- Southwark Philadelphia = 14
- Southwark Indianapolis = 1146
- Metalcraft MS = 14
- Metalcraft SC = 32F

Part No.	Size (in.) H (In.)	Size (in.) W (In.)	Box Qty.	Price
SW1488	8	8	6	20.58
SW14108	8	10	6	22.78
SW14128	8	12	6	23.66
SW14148	8	14	3	27.30
SW14168	8	16	3	31.00
SW14188	8	18	3	35.36
SW14208	8	20	3	39.30
SW14228	8	22	3	46.80
SW14248	8	24	3	50.76

ANGLE, 90°, SHORTWAY



- Acme Bartonville = 116
- Acme Philadelphia/Medina = 8
- Alco = 440
- Southwark Philadelphia = 16
- Southwark Indianapolis = 1141
- Metalcraft MS = 16
- Metalcraft SC = 36V

Part No.	Size (in.) H (In.)	Size (in.) W (In.)	Box Qty.	Price
SW1688	8	8	6	21.90
SW16108	8	10	6	22.74
SW16128	8	12	6	22.92
SW16148	8	14	6	23.24
SW16168	8	16	6	25.20
SW16188	8	18	6	29.44
SW16208	8	20	6	29.08
SW16228	8	22	3	31.46
SW16248	8	24	3	36.46

START COLLAR, STRAIGHT



- Acme Bartonville = 111
- Acme Philadelphia/Medina = 28
- Alco = 406
- Southwark Philadelphia = 20
- Southwark Indianapolis = 1100
- Metalcraft MS = 20
- Metalcraft SC = 31

Part No.	Size (in.) W	Size (in.) L	Box Qty.	Price
SW2088	8	8	6	8.44
SW20108	8	10	6	8.70
SW20128	8	12	6	8.98
SW20148	8	14	6	9.14
SW20168	8	16	6	9.54
SW20188	8	18	6	9.72
SW20208	8	20	6	9.88
SW20228	8	22	6	10.26
SW20248	8	24	6	8.88

ADAPTER



- Acme Bartonville = 114
- Acme Philadelphia/Medina = 89
- Alco = 418
- Southwark Indianapolis = 1101
- Metalcraft MS = 35

Part No.	Size (In.)	Box Qty.	Price
SW352	2	12	5.96
SW354	4	12	7.61
SW356	6	12	7.98
SW358	8	12	9.52

TRANSITION

Part No.	Size (In.)	Size (In.)	Price
SW17108X88	10x8	8x8	30.38
SW17128X88	12x8	8x8	33.00
SW17148X88	14x8	8x8	34.84
SW17128X108	12x8	10x8	32.54
SW17148X108	14x8	10x8	34.84
SW17168X108	16x8	10x8	37.82
SW17148X128	14x8	12x8	34.84
SW17168X128	16x8	12x8	37.30
SW17188X128	18x8	12x8	41.32
SW17168X148	16x8	14x8	37.30
SW17208X148	20x8	14x8	44.22
SW17188X168	18x8	16x8	40.74
SW17208X168	20x8	16x8	44.22
SW17208X188	20x8	18x8	44.22
SW17228X188	22x8	18x8	48.38
SW17228X208	22x8	20x8	49.07
SW17248X208	24x8	20x8	49.98
SW17248X228	24x8	22x8	50.68

AIR DISTRIBUTION

TRUNK

END CAP



- Acme Bartonville = 112
- Acme Philadelphia/Medina = 31
- Alco = 411
- Southwark Philadelphia = 21
- Southwark Indianapolis = 1101
- Metalcraft MS = 21
- Metalcraft SC = 39

Part No.	Size (In.) W	L	Box Qty.	Price
212-08	8	8	12	Call
212-10	8	10	12	Call
212-12	8	12	12	Call
212-14	8	14	12	Call
212-16	8	16	12	Call
212-18	8	18	12	Call
212-20	8	20	12	Call
212-22	8	22	12	Call
212-24	8	24	12	Call
212-26	8	26	12	Call
212-30	8	30	12	Call

WALL STACK



- Acme Bartonville = 200
- Acme Philadelphia/Medina = 15
- Alco = 401

Part No.	Size (In.) W	L	Joint Length	Box Qty. (Jt.)	Price
SW60210	2-1/4	10	60	15	26.82
SW30310	3-1/4	10	30	15	20.68
SW60310	3-1/4	10	60	10	28.72
SW60312	3-1/4	12	60	10	33.94

WALL STACK

BOOT, 90°



- Acme Bartonville = 13
- Acme Philadelphia/Medina = 22
- Alco = 233
- Southwark Philadelphia = 24
- Southwark Indianapolis = 1020
- Metalcraft MS = SB49
- Metalcraft SC = SB49
- M&M = 203

Part No.	Size (In.) W	L	Round	Box Qty.	Price
SW243105	3-1/4	10	5	12	9.20
SW243106	3-1/4	10	6	12	9.20
SW243108	3-1/4	10	8	12	16.06
SW243126	3-1/4	12	6	12	9.20
SW243127	3-1/4	12	7	12	12.40
SW243125	3-1/4	12	5	12	9.20

BOOT, CENTER END



- Acme Bartonville = 17
- Acme Philadelphia/Medina = 21C
- Alco = 234
- Southwark Philadelphia = 28
- Southwark Indianapolis = 1019
- Metalcraft MS = SB48
- Metalcraft SC = SB48
- M&M = 202

Part No.	Size (In.) W	L	Round	Box Qty.	Price
SW283105	3-1/4	10	5	12	9.20
SW283106	3-1/4	10	6	12	9.20
SW283126	3-1/4	12	6	12	9.20
SW283127	3-1/4	12	7	12	12.40
SW283125	3-1/4	12	5	12	9.20

BOOT, STRAIGHT BACK



- Acme Bartonville = 5
- Acme Philadelphia/Medina = 20
- Alco = 231
- Southwark Philadelphia = 27
- Southwark Indianapolis = 1024
- Metalcraft MS = SB40
- Metalcraft SC = SB40
- M&M = 201

Part No.	Size (In.) W	L	Round	Box Qty.	Price
SW273105	3-1/4	10	5	12	9.20
SW273106	3-1/4	10	6	12	6.40
SW273126	3-1/4	12	6	12	9.20

OVAL PIPE

100" LONG



- Acme Bartonville = 75, 78(100")
- Acme Philadelphia/Medina = 75, 78(100")
- Alco = 102

Part No.	Oval (In.)	Box Qty.	Price
SW1005	5	5	14.26
SW1006	6	5	14.26
SW10007	7	5	Call

OVAL ELBOW

VERTICAL 90°



- Acme Bartonville = 350
- Acme Philadelphia/Medina = 350
- Alco = 350
- Southwark Philadelphia = 116
- Southwark Indianapolis = 116

Part No.	Oval (In.)	Box Qty.	Price
SW1165	5	12	3.56
SW1166	6	12	3.90
SW1167	7	12	5.30

AIR DISTRIBUTION

OVAL ELBOW

VERTICAL 45°



- Acme Bartonville = 357
- Acme Philadelphia/Medina = 357
- Alco = 357
- Southwark Philadelphia = 115
- Southwark Indianapolis = 115

Part No.	Oval (In.)	Box Qty.	Price
SW1156	6	12	5.28

FLAT 90°



- Acme Bartonville = 94
- Acme Philadelphia/Medina = 94
- Alco = 94
- Southwark Philadelphia = 114
- Southwark Indianapolis = 114

Part No.	Oval (In.)	Box Qty.	Price
SW1145	5	12	8.62
SW1146	6	12	9.58
SW1147	7	12	14.32

FLAT 45°



- Acme Bartonville = 98
- Acme Philadelphia/Medina = 98
- Alco = 98
- Southwark Philadelphia = 113
- Southwark Indianapolis = 113

Part No.	Oval (In.)	Box Qty.	Price
SW1136	6	12	5.94

OVAL TO ROUND

BOOT, OVAL CRIMP, 90°



- Acme Bartonville = 96
- Acme Philadelphia/Medina = 96
- Alco = 96
- Southwark Philadelphia = 124
- Southwark Indianapolis = 124

Part No.	Diameter (In.)	Oval (In.)	Box Qty.	Price
SW1245	5	5	12	11.79
SW1246	6	6	12	11.62
SW1247	7	7	12	12.85

OVAL TO OVAL

REVERSE BOOT, 90°



- Acme Bartonville = 103
- Acme Philadelphia/Medina = 103
- Alco = 103
- Southwark Philadelphia = 128
- Southwark Indianapolis = 128

Part No.	Oval (In.)	Box Qty.	Price
SW1285	5	12	23.24
SW1286	6	12	23.24

OVAL TO ROUND

END BOOT, 90°



- Acme Bartonville = 107
- Acme Philadelphia/Medina = 106
- Alco = 106
- Southwark Philadelphia = 106
- Southwark Indianapolis = 106

Part No.	Diameter (In.)	Oval (In.)	Box Qty.	Price
SW1065	5	5	12	19.93
SW1067	7	7	12	30.51
SW1066	6	6	12	19.93

STRAIGHT BOOT



- Acme Bartonville = 102
- Acme Philadelphia/Medina = 102
- Alco = 102
- Southwark Philadelphia =127
- Southwark Indianapolis = 127

Part No.	Diameter (In.)	Oval (In.)	Box Qty.	Price
SW1275	5	5	12	11.62
SW1276	6	6	12	11.62

THIN WALL OVAL STACK HEAD



- Acme Bartonville = 95
- Acme Philadelphia/Medina = 95
- Alco = 95
- Southwark Philadelphia =110
- Southwark Indianapolis = 110

Part No.	Register Size L	Register Size W	Diameter (In.)	Box Qty.	Price
SW1101065	10	6	5	12	6.44
SW1101066	10	6	6	12	6.44
SW1101266	12	6	6	12	10.76
SW1101067	10	6	7	12	10.76
SW1101267	12	6	7	12	11.76

AIR DISTRIBUTION

DRAWBAND



- Acme Bartonville = 81
- Acme Philadelphia/Medina = 119
- Alco = 268
- Southwark Philadelphia = 96
- Southwark Indianapolis = 1065
- Metalcraft MS = 128
- Metalcraft SC = 128

Part No.	Diameter (In.)	Box Qty.	Price
SW966	6	24	6.06
SW968	8	24	7.52

DAMPER

ROUND



- Acme Bartonville = 84
- Acme Philadelphia/Medina = 43
- Alco = 275
- Southwark Philadelphia = 44
- Southwark Indianapolis = 1067
- Metalcraft MS = 44
- Metalcraft SC = 44
- M&M = 300Q

Part No.	Diameter (In.)	Box Qty.	Price
SW444	4	100	3.02
SW445	5	100	3.02
SW446	6	100	3.26
SW447	7	100	7.94
SW448	8	100	6.22
SW449	9	100	Call
SW4410	10	100	10.00

CLEAT

DRIVE



- Acme Bartonville = 91
- Acme Philadelphia/Medina = 13
- Alco = 1002
- Southwark Philadelphia = 8
- Southwark Indianapolis = 1105
- Metalcraft MS = 131
- Metalcraft SC = 131

Part No.	Length (In.)	Box Qty.	Price
SW8D8	8	100	0.66
SW8D96	96	15	3.80

S



- Acme Bartonville = 97
- Acme Philadelphia/Medina = 26
- Alco = 1001
- Southwark Philadelphia = 6
- Southwark Indianapolis = 1104
- Metalcraft MS = 130
- Metalcraft SC = 130

Part No.	Length (In.)	Box Qty.	Price
SW8S	96	15	3.48

REGISTER FRAME



- Acme Philadelphia/Medina = 45F
- Southwark Philadelphia = 31
- Southwark Indianapolis = 1111

Part No.	Size (In.) W	Size (In.) H	Box Qty.	Price
SW31PF4X10	10	4	25	4.16
SW31PF4X12	12	4	25	3.78

FRESH AIR INTAKE



- Acme Bartonville = 104
- Acme Philadelphia/Medina = 104
- Alco = 200
- Southwark Philadelphia = 36
- Metalcraft MS = 36

Part No.	Diameter (In.)	Box Qty.	Price
SW364	4	12	13.14
SW366	6	12	13.14

CHIMNEY CAP



- Acme Bartonville = 124
- Acme Philadelphia/Medina = 124
- Alco = 331
- Southwark Philadelphia = 99
- Southwark Indianapolis = 1070
- Metalcraft MS = 99
- Metalcraft SC = 99

Part No.	Diameter (In.)	Box Qty.	Price
SW993	3	12	8.62
SW994	4	12	7.62
SW995	5	12	8.62
SW996	6	12	10.25
SW997	7	12	13.44
SW998	8	12	16.56
SW9910	10	12	28.76
SW9912	12	12	31.74
SW9914	14	12	77.22

SHEET METAL



Part No.	Size (In.) W	Size (In.) L	Gauge	Skid Qty.	Price
SWLC26GA48	48	96	26	50	35.78
SWLC26GA38	36	96	26	50	26.28
SWLC28GA48	36	96	28	50	Call

AIR DISTRIBUTION

DUCT TIE

NYLON



HellermannTyton

Part No.	Length (In.)	Package Qty.	Price
L361759L	36	36	0.21
L411758L	41	41	0.41
L481758L	48	48	0.52

NYLON

- 175 lb. tensile strength

NRP NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
L24175	24" UV Black, 7" Duct, 50/pack	Call
L30175	36", 9" Duct, 50/pack	Call
L48175	48", 14" Duct, 50/pack	Call
L36175N	36", 11" Duct, Natural, 50/pack	Call

DUCT TOOL

TIE TENSIONING TOOL



Part No.	Description	Price
25683	Cable Tie & Cutting Tool	60.22

FLEX DUCT CUTTER



The FDC1 features a double edged knife blade that cleanly pierces through the outer skin, insulation and liner of flexible round duct. The duct's exposed wire rib coil is then positioned in the jaws of a built-in wire cutter.

Malco

Part No.	Description	Price
FDC1	Flex Duct Cutter	44.10

AIR DUCT CALCULATOR



Used to determine:

- Size of air ducts by the equal pressure loss method
- Size of round ducts vs. rectangular ducts
- Weight per foot of round ducts by U.S.S. gauge
- Weight per foot of rectangular ducts by U.S.S. gauge
- Recommended duct velocities
- Friction loss of 1-1/2 radius elbows
- Gauge of metal for size of ducts

Southwark

Part No.	Description	Price
DUCTULATORS	Air Duct Calculator	4.00

STRAP

PIPE STRAP



DIVERSITECH

Part No.	Length (Ft.)	Price
710A1650	50	16.96
710P100	100	26.60

POLYPROPYLENE WEBBING STRAP



- 1 3/4" tensile strength: 440 lb. average
- For hanging flex-duct, fiberglass ducts, etc.

DIVERSITECH

Part No.	Package Quantity (Ft.)	Price
710100	300	16.32

POLY JACKET/2 PLY POLY CORE

PR-25



PR-25 (25' length) flexible duct is constructed with a spring steel wire helix, encapsulated in a 2-ply, air-tight inner core. Fiberglass insulation choices of R4.2, R6 & R8 encompass the core and a black polyethylene vapor barrier surrounds the entire duct.

- UL Listed & Labeled
- Guaranteed out of package lengths
- 10 Year limited warranty
- GREENGUARD Gold Certification
- Formaldehyde free (see www.jplflex.com for more info)
- 3/8" oversize inner core
- Certified R-Values

FLEX DUCT

BLACK JACKET, R4.2 INSULATION

Part No.	Diameter (In.)	Length (Ft.)	Price
PR25B-04	4	25	38.00
PR25B-05	5	25	42.00
PR25B-06	6	25	46.00
PR25B-07	7	25	52.00
PR25B-08	8	25	56.00
PR25B-10	10	25	70.00
PR25B-12	12	25	86.00
PR25B-14	14	25	106.00
PR25B-16	16	25	122.00

BLACK JACKET, R6.0 INSULATION

Part No.	Diameter (In.)	Length (Ft.)	Price
PR25R6B-05	5	25	50.00
PR25R6B-06	6	25	52.00
PR25R6B-07	7	25	60.00
PR25R6B-08	8	25	66.00
PR25R6B-10	10	25	84.00
PR25R6B-12	12	25	102.00

AIR DISTRIBUTION

POLY JACKET/2 PLY POLY CORE

PR-25

FLEX DUCT

BLACK JACKET, R8.0 INSULATION

Part No.	Diameter (In.)	Length (Ft.)	Price
PR25R8B-10	10	25	100.00

MNI-25



MNI-25 (25' length) flexible duct is a noninsulated UL-181 Air Connector. The Connector is constructed with a spring steel wire helix, encapsulated in a polyester, aluminum foil, and polyester tri-laminate.

- 3/8" Oversized
- GREENGUARD Gold Certification
- Constructed with durable aluminum
- Sized for Bathroom Exhaust Fans
- 10 Year limited warranty
- Guaranteed out of package lengths
- Excellent Elbowing Integrity

FLEX DUCT

METALIZED JACKET, R6.0 INSULATION

Part No.	Diameter (In.)	Length (Ft.)	Price
MHP25R6B-06	6	25	58.00
MHP25R6B-08	8	25	68.00
MHP25R6B-10	10	25	86.00
MHP25R6B-12	12	25	108.00
MHP25R6B-14	14	25	128.00
MHP25R6B-16	16	25	148.00
MHP25R6B-18	18	25	172.00

METALIZED JACKET, R8.0 INSULATION

Part No.	Diameter (In.)	Length (Ft.)	Price
MHP25R8B-06	6	25	70.00
MHP25R8B-07	7	25	80.00
MHP25R8B-08	8	25	86.00
MHP25R8B-10	10	25	104.00
MHP25R8B-12	12	25	128.00
MHP25R8B-14	14	25	148.00
MHP25R8B-16	16	25	178.00
MHP25R8B-18	18	25	208.00

NON-INSULATED, AIR CONNECTOR

Part No.	Diameter (In.)	Length (Ft.)	Price
MNI25-03	3	25	22.00
MNI25-04	4	25	22.00
MNI25-05	5	25	30.00
MNI25-06	6	25	32.00
MNI25-07	7	25	38.00
MNI25-08	8	25	42.00

DUCT SEALANT

DUCT SEALANT



A smooth, water based, premium quality, UL Listed, high pressure/high velocity duct sealant for commercial and residential supply and return air duct use.

Part No.	Container Size	Price
DP1030G	1 Gallon	30.00
DP1030T	10.3 oz. tube	4.45

SEALER & ADHESIVE



This wide web spray adhesive is one of the highest performance aerosol adhesives available.
Formulated specifically for insulation and duct liner applications, this high solids product is ideal for uneven or porous surfaces and weight materials. Waterproof, flexible, transparent and non-staining, and it can be used for both temporary and permanent bonds. Use it for your toughest adhesive applications,
including leather, cardboard, most plastics and cloth. Formulated with the environment in mind, this product contains NO CHLORINATED SOLVENTS OR OZONE DEPLETERS. Cleans easily with degreasing solvent (mineral spirits). Not intended for use on vinyl.

- VOC compliant

Part No.	Description	Price
C436975	Spray-n-bond Adhesive	9.50

ZONE DAMPER

CONTROL PANEL MULTI STAGE



UZC (4H/2C max) panel

- LED system display
- Adjustable timer for higher stages
- Adjustable fan purge timer

BMPLUS-5000 (5 Zone) Panel

- Adjustable stage timer
- Adjustable supply air sensor
- Dual fuel, heat pump compatible

Part No.	Number Zones	Price
UZC4	4	Call
BMPLUS-5000	5	440.00

AIR DISTRIBUTION

ZONE DAMPER

ROUND

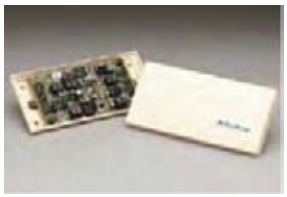


- Damper motor: 24V

RESEARCH PRODUCTS CORPORATION

Part No.	Diameter (In.)	Price
PT6606	6	149.35
AA6610	10	167.85
AA6612	12	176.85
AA6614	14	196.30
AA6616	16	213.90

CONTROL PANEL



RESEARCH PRODUCTS CORPORATION

Part No.	Application	No. Zones	Price
AA6202	Single Stage	2	165.15
AA6203	Single Stage	3	176.65

DRAFT INDUCER



Assures a positive draft where down drafts, negative building pressures, undersized flues or long horizontal vent pipe runs are present. To be used only for vertical applications.

TJERNLUND PRODUCTS, INC.

Part No.	Description	Price
DJ3	Draft inducer	Call

BOOSTER FAN

IN LINE DUCT FAN



- Problem heating and cooling areas
- Low air flow areas
- Fits in round, square, or rectangular ducts
- Operates only when you want it to (Add electrical junction box [if required by code])

Acme MIAMI

Part No.	Diameter (In.)	CFM	Price
AM9000	6	240	24.75
AM9008	8	420	31.18
AM9010	10	850	49.99

FAN BLADE

2-WING



Adaptable hub assembled fan blades designed with square pressure blades required in air cooled condensers, package units, residential outdoor units. Use with interchangeable hubs.

- Maximum RPM: 1625—through 16"; 1140—18–24"
- CFM and BHP rating conditions: 1075 RPM and .1" S.P. through 16"; 1140 RPM and .1" S.P. 18–24"

Lau Industries, Inc.

Part No.	Diameter (In.)	Blade Pitch (°)	CFM	BHP	Rotation	Price
2CL2227	22	27	5,010	.40	CCW	55.48

3-WING



Adaptable hub assembled fan blades designed with square pressure blades required in air cooled condensers, package units, residential outdoor units. Use with interchangeable hubs.

- CW rotation pictured
- Maximum RPM: 1625—through 16"; 1140—18–24"
- CFM and BHP rating conditions: 1075 RPM and .1" S.P. through 16"; 1140 RPM and .1" S.P. 18–24"

Lau Industries, Inc.

Part No.	Diameter (In.)	Blade Pitch (°)	CFM	BHP	Rotation	Price
10233CCW	10	23	260	.02	CCW	Call
10273CCW	10	27	320	.02	CCW	Call
10273CW	10	27	320	.02	CW	Call
12233CCW	12	23	550	.02	CCW	Call
12233CW	12	23	550	.02	CW	Call
14233CCW	14	23	890	.04	CCW	Call
14233CW	14	23	890	.04	CW	24.56
14273CCW	7	30	425	.04	CW	Call
16193CCW	16	19	960	.03	CCW	Call
16193CW	16	19	960	.03	CW	Call
16223CCW	16	23	1,160	.06	CCW	Call
16223CW	16	23	1,160	.06	CW	Call
18233CW	18	23	2,280	.13	CW	Call
3CL1833	18	33	3,000	.24	CCW	12.12
3CR1833	18	33	3,000	.24	CW	80.20
20333CCW	20	33	4,410	.42	CCW	Call
20333CW	20	33	4,410	.42	CW	Call
3CL2227	22	27	5,010	.40	CCW	41.97
22273CW	22	27	5,010	.40	CW	Call
22333CCW	22	33	5,820	.55	CCW	Call
22333CW	22	33	5,820	.55	CW	Call
24273CCW	24	27	6,430	.64	CCW	Call
24273CW	24	27	6,430	.64	CW	45.64
24333CCW	24	33	7,680	.95	CCW	Call
24333CW	24	33	7,680	.95	CW	Call

AIR DISTRIBUTION

FAN BLADE

4-WING



Adaptable hub assembled fan blades designed with square pressure blades required in air cooled condensers, package units, residential outdoor units. Use with interchangeable hubs.

- CW rotation pictured
- Maximum RPM: 1625—through 16"; 1140—18–24"
- CFM and BHP rating conditions: 1075 RPM and .1" S.P. through 16"; 1140 RPM and .1" S.P. 18–24"

Lau Industries, Inc.

Part No.	Diameter (In.)	Blade Pitch (°)	CFM	BHP	Rotation	Price
10204CW	10	20	210	.013	CW	Call
10244CCW	10	24	250	.014	CCW	Call

Part No.	Diameter (In.)	Blade Pitch (°)	CFM	BHP	Rotation	Price
10244CW	10	24	250	.014	CW	Call
10274CCW	10	27	340	.016	CCW	Call
10274CW	10	27	340	.016	CW	Call
10334CCW	10	33	380	.02	CCW	Call
10334CW	10	33	380	.02	CW	Call
12194CCW	12	19	560	.02	CCW	Call
12194CW	12	19	560	.02	CW	Call
12234CCW	12	23	610	.03	CCW	Call
12234CW	12	23	610	.03	CW	Call
12274CCW	12	27	620	.03	CCW	Call
12274CW	12	27	620	.03	CW	Call
12334CCW	12	33	770	.03	CCW	Call
12334CW	12	33	770	.03	CW	Call
14204CW	14	20	810	.03	CW	Call
4CL1423	14	23	880	.04	CCW	49.96
14234CW	14	23	880	.04	CW	24.60
14264CCW	14	26	970	.05	CCW	Call
14264CW	14	26	970	.05	CW	Call
4CL1433	14	33	1,160	.07	CCW	49.96
14334CW	14	33	1,160	.07	CW	24.60
4CL1623	16	23	1,510	.10	CCW	64.24
16234CW	16	23	1,510	.10	CW	29.52
16264CCW	16	26	1,690	.12	CCW	Call
16264CW	16	26	1,690	.12	CW	Call
4CL1633	16	33	2,020	.16	CCW	60.68
16334CW	16	33	2,020	.16	CW	29.52
18274CCW	18	27	2,690	.18	CCW	38.64
18274CW	18	27	2,690	.18	CW	38.64
4CL1833	18	33	3,190	.28	CCW	80.44
18334CW	18	33	3,190	.28	CW	38.64
20234CCW	20	23	3,390	.35	CCW	Call
20234CW	20	23	3,390	.35	CW	41.56
4CL2027	20	27	3,120	.23	CCW	34.59
4CR2027	20	27	3,120	.23	CW	34.59
4CL2023	20	33	4,780	.54	CCW	Call
20334CW	20	33	4,780	.54	CW	41.56
4CL2223	22	23	4,400	.40	CCW	18.37
22234CW	22	23	4,400	.40	CW	48.32
22274CCW	22	27	5,210	.44	CCW	48.32
22274CW	22	27	5,210	.44	CW	48.32
22334CCW	22	33	6,100	.68	CCW	Call
22334CW	22	33	6,100	.68	CW	48.32
24234CCW	24	23	6,100	.45	CCW	50.94
24234CW	24	23	6,100	.45	CW	50.94
24274CCW	24	27	6,970	.74	CCW	50.94
24274CW	24	27	6,970	.74	CW	50.94
24334CCW	24	33	8,240	1.1	CCW	Call
24334CW	24	33	8,240	1.1	CW	50.92
4CL2627	26	27	8,570	.99	CCW	21.77
26274CW	26	27	8,570	.99	CW	56.06
26334CCW	26	33	10,100	1.4	CCW	Call
4CR2623	26	33	10,100	1.4	CW	Call

5-WING



- Maximum RPM: 1725—through 18"
  1550—20"
  1140—22 and 24"
- CFM and BHP rating conditions: 1625 RPM and .1" S.P. through 18"; 1075 RPM and .1" S.P. 20–24"
- CW rotation pictured

Lau Industries, Inc.

Part No.	Diameter (In.)	Blade Pitch (°)	CFM	BHP	Rotation	Price
16265CCW	16	26	2,750	.5	CCW	Call
16265CW	16	26	2,750	.5	CW	Call
16335CCW	16	33	3,350	.75	CCW	Call
16335CW	16	33	3,350	.75	CW	Call
18275CCW	18	27	3,900	.75	CCW	Call
18275CW	18	27	3,900	.75	CW	Call
18335CCW	18	33	5,000	1.5	CCW	Call
18335CW	18	33	5,000	1.5	CW	Call
20275CCW	20	27	3,350	.5	CCW	Call
20275CW	20	27	3,350	.5	CW	Call
20335CCW	20	33	3,800	.75	CCW	Call
20335CW	20	33	3,800	.75	CW	Call
22285CCW	22	28	4,350	.75	CCW	Call
22285CW	22	28	4,350	.75	CW	Call
22335CCW	22	33	5,150	1.0	CCW	Call
24285CCW	24	28	5,750	1.0	CCW	Call
24285CW	24	28	5,750	1.0	CW	Call
24335CCW	24	33	7,100	1.5	CCW	Call
24335CW	24	33	7,100	1.5	CW	Call

UNIVERSAL HUB



Universal hex hubs for use with adaptable fan blades.

Lau Industries, Inc.

Part No.	Bore (In.)	Price
14HUB	1/4	6.68
H5	5/16	6.86
H6	3/8	6.86
H8	1/2	6.86
H10	5/8	7.08
34HUB	3/4	6.88

AIR DISTRIBUTION

FAN BLADE

SMALL DIAMETER HUBLESS



Typically for use with threaded shaft unit bearing motors

- 5 wing blades
- Maximum RPM:
  3600—6 to 9" blades
  2500—10" blades

Acme MIAMI

Part No.	Pitch	Size	Rotation	CFM	Price
AM3606	21°	6"	CW	118	3.55
AM3616	21°	6"	CCW	118	3.49
AM3706	21°	7"	CW	150	4.25
AM3806	25°	8"	CW	225	4.59
AM3816	25°	8"	CCW	225	4.59
AM3906	27°	9"	CW	345	4.84
AM3916	27°	9"	CCW	345	4.84
AM3106	27°	10"	CW	425	5.81
AM3116	27°	10"	CCW	425	5.81

SMALL DIAMETER HUBBED



5-wing small diameter blades with hub on intake side. Typical applications include evaporators, refrigeration condensing units, ventilators and ice machines.

Acme MIAMI

Part No.	Size	Rotation	CFM	Bore	Pitch	Price
AM35503	5-1/2"	CW	85	3/16"	27°	4.51
AM35513	5-1/2"	CCW	85	3/16"	27°	4.51
AM35504	6-1/2"	CW	118	1/4"	27°	4.51
AM35514	6-1/2"	CCW	118	1/4"	27°	4.51
AM31005	10"	CW	810	5/16"	34°	6.99
AM31015	10"	CCW	810	5/16"	34°	6.99
AM31205	12"	CW	990	5/16"	25°	10.86
AM31215	12"	CCW	990	5/16"	25°	10.86

SMALL DIAMETER HUBBED

MARS

Part No.	Diameter (In.)	Pitch (°)	Approx. CFM	Max. RPM	Bore (In.)	Rotation	Price
S7583	8	32	675	3,450	5/16	CW	Call
S7584	8	32	675	3,450	5/16	CCW	Call
S7491	9	26	725	3,000	1/4	CW	Call
S7492	9	26	725	3,000	1/4	CCW	Call
S7591	9	26	—	—	5/16	CW	Call
S7592	9	26	—	—	5/16	CCW	Call
S7493	10	20	450	1,725	1/4	CW	Call
S7494	10	20	450	1,725	1/4	CCW	Call
S7593	10	20	—	—	5/16	CW	Call
S7594	10	20	—	—	5/16	CCW	Call
S7595	10	31	650	1,725	5/16	CW	Call
S7596	10	31	650	1,725	5/16	CCW	Call

FAN BLADE ACCESSORIES

PITCH GAUGE



Determine degree of pitch and rotation of any fan blade.

Lau Industries, Inc.

Part No.	Description	Price
PG	Pitch Gauge	19.76

FAN PULLER



SP Sensible Products

Part No.	Description	Price
UP1	Fan Blade Puller	63.00

FAN PULLER



Supco

Part No.	Description	Price
FBP100	Fan Blade Puller	31.00

POWER TRANSMISSION

SHAFT STOCK



Premium shafting is ground and polished 1018 cold rolled steel. Excess shaft may be cut off. Keyways and/or flats are to be added as required in the field.

Lau Industries, Inc.

Part No.	Length (In.)	Diameter (In.)	Price
M40907	36.16	3/4	23.80
M40908	63.04	1	41.53

AIR DISTRIBUTION

POWER TRANSMISSION

Browning offers the most extensive V-drive line available anywhere, which means maximum economy, versatility and prompt availability for your every application...truly the right drive every time! With Browning, you select from the broadest range of V-drive ratios and centers in the world; more than double the selection available from any other source.

- Over 2100 stock sizes in multiple groove sheaves, far more than any other manufacturer.
- Full range of sizes in two bushing types: the popular Browning split taper. Choose the replaceable bushing that best suits the application
- Variable speed sheaves are available through 750 HP, precision balanced to provide smooth vibration-free performance.

VARIABLE PITCH MOTOR PULLEY, SINGLE GROOVE, LIGHT DUTY



Variable pitch motor pulley, single groove, for light duty applications for light duty applications to 5HP

Browning

Part No.	Diameter (In.)	Bore (In.)	Price
1VL25X1/2-B	2.50	1/2	52.64
1VL25X5/8-B	2.50	5/8	52.64
1VL30X1/2-B	2.87	1/2	53.42
1VL30X5/8-B	2.87	5/8	53.42
1VL34X1/2-B	3.15	1/2	67.22
1VL34X5/8-B	3.15	5/8	67.22
1VL34X3/4-B	3.15	3/4	67.22
1VL40X1/2-B	3.75	1/2	68.08
1VL40X5/8-B	3.75	5/8	68.08
1VL40X3/4-B	3.75	3/4	68.08
1VL40X7/8-B	3.75	7/8	68.08
1VL44X1/2-B	4.15	1/2	73.48
1VL44X5/8-B	4.15	5/8	73.48
1VL44X3/4-B	4.15	3/4	73.48
1VL44X7/8-B	4.15	7/8	101.96
1VM50X1/2-B	4.75	1/2	86.58
1VM50X5/8-B	4.75	5/8	86.58
1VM50X3/4-B	4.75	3/4	86.58
1VM50X7/8-B	4.75	7/8	77.92

VARIABLE PITCH MOTOR PULLEY, SINGLE GROOVE, HEAVY DUTY

Variable pitch motor pulley, single groove, for light duty applications to 5HP

Browning

Part No.	Diameter (In.)	Bore (In.)	Price
1VP25X1/2-B	2.50	1/2	52.64
1VP34X1/2-B	3.15	1/2	67.22
1VP34X5/8-B	3.15	5/8	67.22
1VP34X7/8-B	3.15	3/4	67.22
1VP40X1/2-B	3.75	1/2	68.08
1VP40X5/8-B	3.75	5/8	68.08
1VP40X7/8-B	3.75	7/8	68.08
1VP44X1/2-B	4.15	1/2	73.48
1VP44X5/8-B	4.15	5/8	73.48
1VP44X7/8-B	4.15	7/8	101.96
1VP44X1-1/8-B	4.15	1-1/8	101.96
1VP50X5/8-B	4.75	5/8	86.58
1VP50X7/8-B	4.75	7/8	123.98
1VP50X1-1/8-B	4.75	1-1/8	123.98
1VP56X5/8-B	5.35	5/8	129.30
1VP56X7/8-B	5.35	7/8	166.90
1VP56X1-1/8-B	5.35	1-1/8	166.90
1VP60X7/8-B	6.00	7/8	202.24
1VP60X1-1/8-B	6.00	1-1/8	202.24
1VP60X1-3/8-B	6.00	1-3/8	202.24
1VP62X7/8-B	5.95	7/8	204.16
1VP62X1-1/8-B	5.95	1-1/8	204.16
1VP65X1-1/8-B	6.50	1-1/8	211.62
1VP65X1-3/8-B	6.50	1-3/8	211.62
1VP68X1-1/8-B	6.55	1-1/8	212.48
1VP68X1-3/8-B	6.55	1-3/8	212.48
1VP71X1-1/8-B	7.10	1-1/8	225.60
1VP71X1-3/8-B	7.10	1-3/8	225.60

VARIABLE PITCH MOTOR PULLEY, DUAL GROOVE, HEAVY DUTY



Variable pitch motor pulley, dual groove, for heavier duty applications to 25HP

Browning

Part No.	Diameter (In.)	Bore (In.)	Price
2VP42X7/8-B	3.95	7/8	185.42
2VP42X1-1/8-B	3.95	1-1/8	185.42
2VP50X1-1/8-B	4.75	1-1/8	213.72
2VP56X1-1/8-B	5.35	1-1/8	251.50
2VP60X1-1/8-B	6.00	1-1/8	321.30
2VP60X1-3/8-B	6.00	1-3/8	321.30
2VP62X1-3/8-B	5.95	1-3/8	321.58
2VP65X1-1/8-B	6.50	1-1/8	344.66
2VP65X1-3/8-B	6.50	1-3/8	344.66
2VP65X1-5/8-B	6.50	1-5/8	344.66
2VP68X1-3/8-B	6.55	1-3/8	355.76
2VP71X1-1/8-B	7.10	1-1/8	364.58
2VP71X1-5/8-B	7.10	1-5/8	364.58

AIR DISTRIBUTION

POWER TRANSMISSION

A BELT, SPLIT TAPER HUB, SINGLE GROOVE



- Use "H" Hub

Browning

Part No.	Diameter (In.)	Price
AK30H	3.05	Call
AK32H	3.25	Call
AK34H	3.45	Call
AK39H	3.75	Call
AK41H	3.95	Call
AK44H	4.25	Call
AK46H	4.45	Call
AK49H	4.75	Call
AK51H	4.95	Call
AK54H	5.25	44.96
AK56H	5.45	Call
AK59H	5.75	46.48
AK61H	5.95	47.44
AK64H	6.25	48.64
AK66H	6.45	Call
AK69H	6.75	Call
AK71H	6.95	Call
AK74H	7.25	Call
AK79H	7.75	Call
AK84H	8.25	Call
AK94H	9.25	Call
AK104H	10.25	Call
AK144H	14.25	Call
AK184H	18.25	Call

A BELT, FIXED HUB, SINGLE GROOVE



Browning

Part No.	Diameter (In.)	Bore (In.)	Price
AK20X34	2.00	3/4	Call
AK22X34	2.20	3/4	Call
AK23X34	2.30	3/4	Call
AK25X34	2.50	3/4	Call
AK28X34	2.80	3/4	Call
AK30X34	3.05	3/4	Call
AK34X34	3.45	3/4	Call
AK41X1	3.95	1	Call
AK44X1	4.25	1	Call
AK51X1	4.95	1	Call
AK54X1	5.25	1	Call
AK59X1	5.75	1	50.72
AK61X1	5.95	1	Call
AK64X1	6.25	1	52.48
AK74X1-7/16	7.25	1-7/16	87.14
AK114X1-7/16	11.25	1-7/16	142.38
AK124X1-7/16	12.25	1-7/16	158.90

A BELT, HUBLESS, DUAL GROOVE



- Use "H" Hub

Browning

Part No.	Diameter (In.)	Price
2AK49H	4.75	Call
2AK94H	9.25	Call

A BELT, FIXED HUB, DUAL GROOVE



Browning

Part No.	Diameter (In.)	Bore (In.)	Price
2AK22X3/4	2.20	3/4	Call
2AK25X1	2.50	1	Call
2AK28X1	2.80	1	Call
2AK34X1	3.45	1	Call
2AK41X1	3.95	1	Call
2AK44X1	4.25	1	Call
2AK46X1	4.45	1	Call
2AK54X1	5.25	1	Call
2AK61X3/4	5.95	3/4	Call
2AK74X1	7.25	1	Call

B BELT, FIXED HUB, SINGLE GROOVE



Browning

Part No.	Diameter (In.)	Bore (In.)	Price
BK25X3/4	2.5	3/4	Call
BK30X3/4	3.15	3/4	Call
BK50X1	4.75	1	Call
BK52X1	4.95	1	Call
BK60X1	5.75	1	Call
BK65X1	6.25	1	Call
BK72X1	6.95	1	Call
BK80X1	7.75	1	Call
BK85X1	8.25	1	Call
BK90X1	8.75	1	88.00
BK90X1-7/16	8.75	1-7/16	123.50
BK100X1-7/16	9.75	1-7/16	136.44
BK120X1-7/16	11.75	1-7/16	167.52
BK130X1	12.75	1	Call
BK130X1-7/16	12.75	1-7/16	187.28
BK160X1-7/16	15.75	1-7/16	292.50
BK190X1-7/16	18.75	1-7/16	336.84

POWER TRANSMISSION

B BELT, SPLIT TAPER HUB, SINGEL GROOVE



- Use "H" Hub

Browning

Part No.	Diameter (In.)	Price
BK30H	3.15	Call
BK32H	3.35	46.12
BK36H	3.75	46.56
BK40H	3.95	46.68
BK45H	4.25	Call
BK47H	4.45	Call
BK50H	4.75	49.84
BK52H	4.95	Call
BK55H	5.25	Call
BK60H	5.75	53.52
BK62H	5.95	Call
BK65H	6.25	Call
BK67H	6.45	Call
BK70H	6.75	64.08
BK72H	6.95	Call
BK75H	7.25	Call
BK77H	7.45	Call
BK80H	7.75	71.92
BK85H	8.25	Call
BK90H	8.75	84.96
BK95H	9.25	Call
BK100H	9.75	Call
BK110H	10.75	Call
BK140H	13.75	Call
BK160H	15.75	Call

B BELT, SPLIT TAPER HUB, DUAL GROOVE



- Use "H" Hub

Browning

Part No.	Diameter (In.)	Price
2BK32H	3.35	Call
2BK34H	3.55	Call
2BK40H	3.95	Call
2BK45H	4.25	84.16
2BK47H	4.45	Call
2BK50H	4.75	Call
2BK52H	4.95	Call
2BK55H	5.25	104.88
2BK60H	5.75	Call
2BK70H	6.75	Call
2BK80H	7.75	Call
2BK90H	8.75	Call
2BK100H	9.75	170.96
2BK110H	10.75	Call
2BK120H	11.75	211.52
2BK160H	15.75	Call

B BELT, FIXED HUB, DUAL GROOVE



Browning

Part No.	Diameter (In.)	Bore (In.)	Price
2BK25X3/4	2.50	3/4	Call
2BK28X1	2.95	1	Call
2BK28X1-1/8	2.95	1-1/8	90.86
2BK30X1	3.15	1	Call
2BK30X1-1/8	3.15	1-1/8	96.66
2BK32X1	3.35	1	Call
2BK32X1-1/8	3.35	1-1/8	101.06
2BK34X1	3.55	1	Call
2BK34X1-1/8	3.55	1-1/8	105.44
2BK36X1	3.75	1	Call
2BK36X1-1/8	3.75	1-1/8	108.36
2BK40X1	3.95	1	Call
2BK40X1-1/8	3.95	1-1/8	113.28
2BK50X1-3/8	4.75	1-3/8	130.92
2BK70X1	6.75	1	Call
2BK70X1-7/16	6.75	1-7/16	192.78
2BK90X1-3/16	8.75	1-3/16	211.66

5V BELT, SPLIT TAPER HUB, SINGLE GROOVE



With the introduction of the revolutionary B5V, Browning has brought new technology to V-drive design. B5V packs into only 120 components what previously required some 500 different inventory items. And, you can mix and match B5V with many present drive components for maximum flexibility.

- Use "B" Hub

Browning

Part No.	Diameter (In.)	Price
1B5V42	4.48	105.88
1B5V46	4.88	120.44
1B5V60	6.28	146.60
1B5V80	8.28	205.48
1B5V94	9.68	225.12
1B5V110	11.28	Call
1B5V124	12.68	Call

AIR DISTRIBUTION

POWER TRANSMISSION

5V BELT, SPLIT TAPER HUB, DUAL GROOVE



With the introduction of the revolutionary B5V, Browning has brought new technology to V-drive design. B5V packs into only 120 components what previously required some 500 different inventory items. And, you can mix and match B5V with many present drive components for maximum flexibility.

- Use "B" Hub

Browning

Part No.	Diameter (In.)	Price
2B5V42	4.48	158.20
2B5V46	4.88	179.32
2B5V48	5.08	Call
2B5V50	5.28	192.40
2B5V52	5.48	Call
2B5V54	5.68	205.48
2B5V56	5.88	Call
2B5V58	6.08	Call
2B5V60	6.28	225.12
2B5V62	6.48	Call
2B5V64	6.68	Call
2B5V66	6.88	Call
2B5V68	7.08	Call
2B5V70	7.28	283.12
2B5V74	7.68	286.40
2B5V80	8.28	289.68
2B5V86	8.88	Call
2B5V90	9.28	299.52
2B5V94	9.68	302.76
2B5V110	11.28	Call
2B5V124	12.68	Call
2B5V136	13.88	Call
2B5V154	15.68	Call

H HUB



Use with AK-H, BK-H single and multi groove sheaves

Browning

Part No.	Bore (In.)	Price
H-1/2	1/2	20.74
H-5/8	5/8	20.74
H-3/4	3/4	20.74
H-7/8	7/8	20.74
H-15/16	15/16	20.74
H-1	1	20.74
H-1-1/8	1-1/8	20.74
H-1-3/16	1-3/16	20.74
H-1-1/4	1-1/4	20.74
H-1-3/8	1-3/8	20.74
H-1-7/16	1-7/16	20.74
H1-1/2	1-1/2	20.74
H-24MM	24mm	20.74
H-25MM	25mm	20.74

B HUB

Use with B5V sheaves, 1 to 4 groove, 5" OD and larger

Browning

Part No.	Bore (In.)	Price
B1	1	26.40
B1-1/16	1-1/16	35.50
B1-1/8	1-1/8	35.50
B1-3/16	1-3/16	35.50
B1-1/4	1-1/4	35.50
B1-3/8 5/16	1-3/8	35.20
B1-7/16	1-7/16	35.50
B1-1/2	1-1/2	35.50
B1-5/8	1-5/8	35.50
B1-11/16	1-11/16	35.50
B1-7/8	1-7/8	35.50
B1-15/16	1-15/16	35.50
B-2	2	35.50
B2-1/16	2-1/16	35.50
B2-1/8	2-1/8	35.50
B2-3/16	2-3/16	35.50
B2-1/4	2-1/4	35.50
B2-7/16	2-7/16	35.50

HUB REDUCER



Shaft bushing

Browning

Part No.	OD (In.)	Bore (In.)	Length (In.)	Price
FHP1K	3/4	1/2	1-1/8	Call
FHP2K	3/4	5/8	1-1/8	Call
FHP3K	1	5/8	1-1/8	Call
FHP4K	1	3/4	1-1/8	Call
FHP5K	1	7/8	1-1/8	Call
FHP13K	1-7/16	1-1/8	1-3/8	Call
FHP14K	1-7/16	1-3/16	1-3/8	Call
FHP15K	1-7/16	1-1/4	1-3/8	Call
FHP17K	1-7/16	1-3/8	1-3/8	Call

GROOVE GAUGE



Multi-tabbed, foldable plastic tool designed to help determine groove wear of sheaves.

Browning

Part No.	Description	Price
2695179	Pulley Groove Gauge	Call

AIR DISTRIBUTION

SHAFT BEARING

SET SCREW BALL



Traditional 3 set screw locking collar, 120° spacing

Browning

Part No.	Shaft Diameter (In.)	Price
RUBRS108	1/2	78.99
RUBRS110	5/8	69.31
RUBRS112	3/4	74.91
RUBRS115	15/16	86.52
RUBRS116	1	81.67

BOA CONCENTRIC BALL



Browning BOA concentric ball bearings incorporate a unique concentric locking collar design for better grip on the shaft and less vibration during operation. The BOA-LOC concentric clamp collar, with a single cap screw, provides increased reliability without marring or burring the shaft.

Browning

Part No.	Shaft Diameter (In.)	Overall Diameter (In.)	Price
RUBRB112	3/4	2-17/32	83.48
RUBRB116	1	2-17/32	91.04

PILLOW BLOCK BALL



Air handling AH ball bearings are manufactured with a special AH housing fit that allows the bearing more easily self-align when mounted on lightweight frames. Inner rings are zone hardened to maintain ball path hardness while keeping inner ring extension soft for a precision set screw hold.

Browning

Part No.	Shaft Diameter (In.)	Price
VPS210AH	5/8	130.62
VPS212AH	3/4	142.78
VPS216AH	1	154.94
VPS219AH	1-3/16	183.20
VPS223AH	1-7/16	215.88
VPS227AH	1-11/16	284.38
VPS231AH	1-15/16	317.42

BOA PILLOW BLOCK BALL



- Browning BOA concentric collar with a single cap screw
- Zone hardened inner race
- Precision manufactured, diamond faceted set screws
- Pillow block housing with a semi-solid
- Rubber lip contact seal with auxiliary flinger

Browning

Part No.	Shaft Diameter (In.)	Price
VPB216AH	1	184.22
VPB223AH	1-7/16	256.94
VPB227AH	1-11/16	320.72
VPB231AH	1-15/16	350.70

FAN BELT

3L, LIGHT DUTY



- Outside width: 3/8"
- Thickness: 7/32"

Browning

Part No.	Outside Length (In.)	Price
B3L160	16.0	8.44
B3L170	17.0	8.44
B3L180	18.0	8.44
B3L190	19.0	8.44
B3L200	20.0	8.44
B3L210	21.0	8.44
B3L220	22.0	8.44
B3L230	23.0	8.44
B3L240	24.0	8.44
B3L250	25.0	8.44
B3L260	26.0	8.58
B3L270	27.0	8.72
B3L280	28.0	8.86
B3L290	29.0	9.02
B3L300	30.0	9.16
B3L310	31.0	9.22
B3L320	32.0	9.36
B3L330	33.0	9.52
B3L340	34.0	9.66
B3L350	35.0	9.88
B3L360	36.0	10.02
B3L370	37.0	10.22
B3L380	38.0	10.44
B3L390	39.0	10.66
B3L400	40.0	10.88
B3L410	41.0	11.08
B3L420	42.0	11.22
B3L430	43.0	11.38
B3L440	44.0	11.52
B3L450	45.0	11.74
B3L460	46.0	11.88
B3L470	47.0	12.08
B3L480	48.0	12.24
B3L490	49.0	12.38
B3L500	50.0	12.52
B3L530	53.0	12.94
B3L550	55.0	13.24
B3L560	56.0	13.38
B3L570	57.0	13.52

AIR DISTRIBUTION

FAN BELT

4L, LIGHT DUTY



- Outside width: 1/2"
- Thickness: 9/32"

Browning

Part No.	Outside Length (In.)	Price
B4L170	17.0	8.86
B4L180	18.0	8.86
B4L190	19.0	8.86
B4L200	20.0	8.86
B4L210	21.0	8.86
B4L220	22.0	8.86
B4L230	23.0	8.86
B4L240	24.0	8.86
B4L250	25.0	8.86
B4L260	26.0	9.02
B4L270	27.0	9.16
B4L280	28.0	9.30
B4L290	29.0	9.44
B4L300	30.0	9.58
B4L310	31.0	9.72
B4L320	32.0	9.88
B4L330	33.0	10.02
B4L340	34.0	10.22
B4L350	35.0	10.38
B4L360	36.0	10.58
B4L370	37.0	10.72
B4L380	38.0	10.94
B4L390	39.0	11.22
B4L400	40.0	11.44
B4L410	41.0	11.66
B4L420	42.0	11.80
B4L430	43.0	12.02
B4L440	44.0	12.30
B4L450	45.0	12.52
B4L460	46.0	12.66
B4L470	47.0	12.80
B4L480	48.0	12.88
B4L490	49.0	13.02
B4L500	50.0	13.16
B4L510	51.0	13.30
B4L520	52.0	13.44
B4L530	53.0	13.58
B4L540	54.0	13.74
B4L550	55.0	13.88
B4L560	56.0	14.10
B4L570	57.0	14.24
B4L580	58.0	14.38
B4L590	59.0	14.52
B4L600	60.0	14.74
B4L610	61.0	14.88
B4L620	62.0	15.02
B4L630	63.0	15.24
B4L640	64.0	Call
B4L650	65.0	15.60
B4L660	66.0	15.74
B4L670	67.0	Call
B4L680	68.0	16.10
B4L690	69.0	Call
B4L700	70.0	16.46
B4L710	71.0	16.80
B4L720	72.0	17.16
B4L740	74.0	Call
B4L750	75.0	Call
B4L760	76.0	17.66
B4L730	73.0	17.30
B4L770	77.0	Call
B4L780	78.0	Call
B4L790	79.0	Call
B4L800	80.0	Call
B4L810	81.0	Call
B4L820	82.0	Call
B4L830	83.0	Call
B4L840	84.0	Call
B4L850	85.0	Call
B4L870	87.0	Call

A, HEAVY DUTY



- Outside width: 1/2", Thickness: 13/32"
- Inside length is belt size

Browning

Part No.	Outside Length (In.)	Price
BA20	22.2	20.40
BA21	23.2	20.40
BA22	24.2	20.40
BA23	25.2	20.52
BA24	26.2	20.88
BA25	27.2	21.20
BA26	28.2	21.52
BA27	29.2	21.84
BA28	30.2	22.20
BA29	31.2	22.52
BA30	32.2	22.84
BA31	33.2	23.20
BA32	34.2	23.68
BA33	35.2	24.00
BA34	36.2	24.52
BA35	37.2	24.84
BA36	38.2	25.32
BA37	39.2	26.00
BA38	40.2	26.48
BA39	41.2	27.00
BA40	42.2	27.32
BA41	43.2	27.80
BA42	44.2	28.48
BA43	45.2	28.96
BA44	46.2	29.32
BA45	47.2	29.64
BA46	48.2	29.80

AIR DISTRIBUTION

FAN BELT

A, HEAVY DUTY CONT.

Part No.	Outside Length (In.)	Price
BA47	49.2	30.12
BA48	50.2	30.48
BA49	51.2	30.80
BA50	52.2	31.12
BA51	53.2	31.48
BA52	54.2	31.80
BA53	55.2	32.12
BA54	56.2	32.64
BA55	57.2	32.96
BA56	58.2	33.28
BA57	59.2	33.60
BA58	60.2	34.12
BA59	61.2	34.44
BA60	62.2	34.76
BA61	63.2	35.28
BA62	64.2	35.60
BA63	65.2	36.08
BA64	66.2	36.44
BA65	67.2	36.76
BA66	68.2	37.24
BA67	69.2	37.76
BA68	70.2	38.08
BA69	71.2	38.92
BA70	72.2	39.76
BA71	73.2	40.08
BA72	74.2	40.24
BA73	75.2	40.56
BA74	76.2	40.88
BA75	77.2	41.40
BA76	78.2	42.04
BA77	79.2	42.72
BA78	80.2	43.40
BA79	81.2	44.04
BA80	82.2	44.72
BA81	83.2	45.36
BA82	84.2	46.04
BA83	85.2	46.68
BA84	86.2	47.36
BA85	87.2	48.00
BA86	88.2	48.68
BA87	89.2	49.36
BA88	90.2	50.00
BA89	91.2	50.68
BA90	92.2	51.32
BA91	93.2	52.00
BA92	94.2	52.48
BA93	95.2	53.00
BA94	96.2	53.64
BA95	97.2	54.16
BA96	98.2	54.64
BA97	99.2	55.32
BA98	100.2	55.80
BA100	102.2	56.96
BA103	105.2	58.60
BA105	107.2	59.60
BA110	112.2	64.24
BA112	114.2	66.24
BA120	122.2	71.20
BA128	130.2	76.16
BA136	138.2	81.12
BA144	146.2	85.92

AX COG BELT



- Precision molded raw edge construction; extra deep molded notches
- Oil and heat resistant; static conducting
- Outside width: 1/2"
- Thickness: 11/32"
- Inside length is belt size

Browning

Part No.	Outside Length (In.)	Price
BAX20	22.2	20.40
BAX21	23.2	25.80
BAX22	24.2	25.80
BAX23	25.2	25.80
BAX24	26.2	26.20
BAX25	27.2	27.56
BAX26	28.2	28.84
BAX27	29.2	29.40
BAX28	30.2	29.80
BAX29	31.2	30.20
BAX30	32.2	30.80
BAX31	33.2	31.16
BAX32	34.2	31.80
BAX33	35.2	32.24
BAX34	36.2	32.92
BAX35	37.2	33.36
BAX36	38.2	34.04
BAX37	39.2	34.92
BAX38	40.2	35.60
BAX39	41.2	36.30
BAX40	42.2	36.94
BAX41	43.2	37.62
BAX42	44.2	38.28
BAX43	45.2	38.92
BAX44	46.2	39.00
BAX45	47.2	39.50
BAX46	48.2	40.04
BAX47	49.2	40.48
BAX48	50.2	40.92
BAX49	51.2	41.20
BAX50	52.2	42.00
BAX51	53.2	42.28
BAX52	54.2	42.72
BAX53	55.2	43.16
BAX54	56.2	43.84
BAX55	57.2	44.28

FAN BELT

AX COG BELT CONT.

Part No.	Outside Length (In.)	Price
BAX56	58.2	44.72
BAX57	59.2	45.22
BAX58	60.2	45.72
BAX59	61.2	46.22
BAX60	62.2	46.72
BAX61	63.2	47.28
BAX62	64.2	47.84
BAX63	65.2	48.40
BAX64	66.2	48.96
BAX65	67.2	49.50
BAX66	68.2	50.04
BAX67	69.2	50.60
BAX68	70.2	51.16
BAX69	71.2	52.28
BAX70	72.2	53.40
BAX71	73.2	53.84
BAX72	74.2	Call
BAX73	75.2	54.72
BAX75	77.2	55.60
BAX76	78.2	56.50
BAX78	80.2	58.28
BAX80	82.2	60.08
BAX81	83.2	Call
BAX83	85.2	62.78
BAX85	87.2	64.52
BAX90	92.2	68.96
BAX92	94.2	70.40
BAX94	96.2	72.20
BAX96	98.2	73.40
BAX97	99.2	Call
BAX98	100.2	75.80
BAX105	107.2	80.08

5L, LIGHT DUTY



- Outside width: 5/8"
- Thickness: 11/32"

Browning

Part No.	Outside Length (In.)	Price
B5L250	25.0	Call
B5L290	29.0	11.94
B5L380	38.0	Call
B5L440	44.0	16.80
B5L450	45.0	17.16
B5L470	47.0	17.88
B5L500	50.0	Call
B5L510	51.0	Call
B5L520	52.0	Call
B5L550	55.0	Call
B5L670	67.0	Call
B5L780	78.0	Call
B5L230	23.0	Call
B5L260	26.0	Call
B5L270	27.0	Call
B5L280	28.0	Call
B5L300	30.0	Call
B5L310	31.0	Call
B5L320	32.0	Call
B5L330	33.0	Call
B5L340	34.0	Call
B5L350	35.0	Call
B5L360	36.0	Call
B5L370	37.0	Call
B5L390	39.0	Call
B5L400	40.0	Call
B5L410	41.0	15.74
B5L420	42.0	16.10
B5L430	43.0	16.46
B5L460	46.0	17.52
B5L480	48.0	18.24
B5L490	49.0	18.60
B5L530	53.0	Call
B5L540	54.0	Call
B5L560	56.0	Call
B5L570	57.0	Call
B5L580	58.0	Call
B5L590	59.0	Call
B5L600	60.0	Call
B5L610	61.0	Call
B5L620	62.0	Call
B5L630	63.0	Call
B5L640	64.0	Call
B5L650	65.0	Call
B5L660	66.0	Call
B5L680	68.0	Call
B5L690	69.0	Call
B5L700	70.0	Call
B5L710	71.0	Call
B5L720	72.0	Call
B5L730	73.0	Call
B5L740	74.0	Call
B5L750	75.0	Call
B5L760	76.0	Call
B5L770	77.0	Call
B5L790	79.0	Call
B5L800	80.0	Call
B5L810	81.0	Call
B5L820	82.0	Call
B5L830	83.0	Call
B5L840	84.0	Call
B5L850	85.0	Call

FAN BELT

B, HEAVY DUTY



- Outside width: 21/32"
- Thickness: 7/16"
- Inside length is belt size

Browning

Part No.	Outside Length (In.)	Price
BB25	28.0	27.00
BB26	29.0	27.64
BB28	31.0	28.80
BB29	32.0	29.48
BB30	33.0	30.12
BB31	34.0	30.80
BB32	35.0	31.28
BB33	36.0	31.96
BB34	37.0	32.44
BB35	38.0	33.12
BB36	39.0	34.12
BB37	40.0	35.44
BB38	41.0	36.44
BB39	42.0	37.24
BB40	43.0	38.08
BB41	44.0	38.92
BB42	45.0	39.76
BB43	46.0	40.56
BB44	47.0	41.40
BB45	48.0	42.24
BB46	49.0	43.04
BB47	50.0	43.72
BB48	51.0	44.36
BB49	52.0	45.04
BB50	53.0	45.72
BB51	54.0	46.36
BB52	55.0	46.88
BB53	56.0	47.20
BB54	57.0	47.68
BB55	58.0	48.00
BB56	59.0	48.36
BB57	60.0	48.68
BB58	61.0	49.00
BB59	62.0	49.36
BB60	63.0	49.68
BB61	64.0	50.32
BB62	65.0	51.00
BB63	66.0	51.68
BB64	67.0	52.32
BB65	68.0	53.00
BB66	69.0	53.64
BB67	70.0	54.16
BB68	71.0	54.64
BB69	72.0	55.32
BB70	73.0	56.12
BB71	74.0	56.80
BB72	75.0	57.44
BB73	76.0	58.12
BB74	77.0	58.96
BB75	78.0	59.60
BB76	79.0	60.44
BB77	80.0	61.28
BB78	81.0	62.08
BB79	82.0	62.92
BB80	83.0	63.76
BB81	84.0	64.56
BB82	85.0	66.24
BB83	86.0	66.72
BB84	87.0	67.40
BB85	88.0	67.88
BB86	89.0	68.56
BB87	90.0	69.20
BB88	91.0	69.88
BB89	92.0	70.52
BB90	93.0	71.20
BB91	94.0	72.20
BB92	95.0	73.36
BB93	96.0	74.52
BB94	97.0	75.36
BB95	98.0	76.16
BB96	99.0	77.00
BB97	100.0	77.84
BB98	101.0	78.32
BB99	102.0	79.00
BB100	103.0	79.48
BB103	106.0	81.12
BB105	108.0	82.80
BB106	109.0	Call
BB108	111.0	85.76
BB112	115.0	89.40
BB116	119.0	91.88
BB120	123.0	94.40
BB124	127.0	97.68
BB126	129.0	99.34
BB128	131.0	101.00
BB133	136.0	105.96
BB136	139.0	107.96
BB140	143.0	110.96
BB144	147.0	114.24
BB150	153.0	118.56
BB158	161.0	124.20
BB162	165.0	129.16
BB173	176.0	135.76
BB180	183.0	142.40
BB195	198.0	154.00

AIR DISTRIBUTION

FAN BELT

BX COG BELT



- Precision molded raw edge construction; extra deep molded notches
- Oil and heat resistant; static conducting
- Outside width: 21/32", Thickness: 7/16"
- Inside length is belt size

Browning

Part No.	Outside Length (In.)	Price
BBX28	31.0	38.80
BBX29	32.0	39.60
BBX30	33.0	40.40
BBX32	35.0	42.00
BBX33	36.0	42.80
BBX34	37.0	43.60
BBX35	38.0	44.48
BBX36	39.0	46.80
BBX37	40.0	47.90
BBX38	41.0	48.96
BBX39	42.0	49.90
BBX40	43.0	50.80
BBX41	44.0	52.40
BBX42	45.0	53.40
BBX43	46.0	54.20
BBX44	47.0	55.20
BBX45	48.0	56.80
BBX46	49.0	57.84
BBX47	50.0	58.80
BBX48	51.0	59.60
BBX49	52.0	60.60
BBX50	53.0	61.40
BBX51	54.0	62.28
BBX52	55.0	62.96
BBX53	56.0	63.40
BBX54	57.0	64.08
BBX55	58.0	64.52
BBX56	59.0	64.96
BBX57	60.0	65.40
BBX58	61.0	65.84
BBX59	62.0	66.28
BBX60	63.0	66.72
BBX61	64.0	67.64
BBX62	65.0	68.52
BBX63	66.0	69.40
BBX64	67.0	70.28
BBX65	68.0	71.20
BBX66	69.0	72.08
BBX67	70.0	72.76
BBX68	71.0	73.40
BBX70	73.0	75.40
BBX71	74.0	76.32
BBX72	75.0	77.20
BBX73	76.0	78.20
BBX74	77.0	79.60
BBX75	78.0	80.08
BBX76	79.0	81.20
BBX77	80.0	82.32
BBX78	81.0	83.44
BBX79	82.0	84.52
BBX80	83.0	85.64
BBX81	84.0	86.76
BBX82	85.0	89.00
BBX83	86.0	89.64
BBX84	87.0	90.40
BBX85	88.0	91.20
BBX86	89.0	91.40
BBX87	90.0	92.40
BBX88	91.0	93.80
BBX89	92.0	94.80
BBX90	93.0	95.64
BBX91	94.0	97.20
BBX92	95.0	98.60
BBX93	96.0	100.12
BBX94	97.0	101.20
BBX95	98.0	102.32
BBX96	99.0	103.44
BBX97	100.0	104.56
BBX98	101.0	105.40
BBX99	102.0	106.12
BBX100	103.0	106.80
BBX103	106.0	109.00
BBX105	108.0	111.24
BBX108	111.0	117.52
BBX112	115.0	120.12
BBX113	116.0	121.00
BBX115	118.0	122.28
BBX116	119.0	123.48
BBX120	123.0	126.80
BBX124	127.0	131.24
BBX128	131.0	135.72
BBX133	136.0	142.28
BBX136	139.0	145.04
BBX140	143.0	149.20
BBX144	147.0	153.48
BBX148	151.0	157.00
BBX154	157.0	163.00
BBX162	165.0	Call
BBX173	176.0	182.40

C, HEAVY DUTY



- Outside width: 7/8"
- Thickness: 9/16"
- Inside length is belt size

Browning

Part No.	Outside Length (In.)	Price
BC99	103.2	Call
BC105	109.2	155.64
BC112	116.2	Call
BC120	124.2	177.16
BC144	148.2	Call
BC173	177.2	Call

AIR DISTRIBUTION

FAN BELT

CX COG BELT



- Outside width: 7/8"
- Thickness: 9/16"
- Inside length is belt size

Browning

Part No.	Outside Length (In.)	Price
BCX75	79.2	Call
BCX81	85.2	Call

3VX, PREMIUM

- VX belts designed for newer high efficiency drive systems
- Outside width: 3/8"
- Thickness: 5/16"

Browning

Part No.	Outside Length (In.)	Price
B3VX250	25.0	29.32
B3VX265	26.5	30.08
B3VX280	28.0	30.84
B3VX300	30.0	31.56
B3VX315	31.5	33.08
B3VX335	33.5	33.84
B3VX355	35.5	35.32
B3VX375	37.5	36.08
B3VX400	40.0	38.36
B3VX425	42.5	39.84
B3VX450	45.0	41.36
B3VX475	47.5	42.84
B3VX500	50.0	43.60
B3VX530	53.0	45.12
B3VX560	56.0	46.60
B3VX600	60.0	48.88
B3VX630	63.0	50.36
B3VX670	67.0	52.64
B3VX710	71.0	55.64
B3VX750	75.0	58.64
B3VX800	80.0	62.40
B3VX850	85.0	66.92
B3VX900	90.0	72.16
B3VX950	95.0	75.92
B3VX1000	100.0	80.44
B3VX1060	106.0	84.96
B3VX1180	118.0	98.48

5VX, PREMIUM

- VX belts designed for newer high efficiency drive systems
- Outside width: 5/8"
- Thickness: 17/32"

Browning

Part No.	Outside Length (In.)	Price
B5VX450	45.0	83.16
B5VX470	47.0	86.84
B5VX490	49.0	90.64
B5VX500	50.0	92.48
B5VX510	51.0	92.56
B5VX530	53.0	96.24
B5VX540	54.0	98.00
B5VX550	55.0	99.76
B5VX560	56.0	100.76
B5VX570	57.0	100.12
B5VX580	58.0	104.36
B5VX590	59.0	106.12
B5VX600	60.0	109.00
B5VX610	61.0	110.80
B5VX630	63.0	114.28
B5VX650	65.0	118.04
B5VX660	66.0	119.92
B5VX670	67.0	121.80
B5VX680	68.0	123.56
B5VX690	69.0	125.48
B5VX710	71.0	129.32
B5VX730	73.0	133.12
B5VX740	74.0	135.00
B5VX750	75.0	136.84
B5VX780	78.0	142.32
B5VX800	80.0	145.84
B5VX810	81.0	147.64
B5VX830	83.0	151.32
B5VX840	84.0	153.12
B5VX850	85.0	157.12
B5VX860	86.0	159.00
B5VX880	88.0	162.68
B5VX900	90.0	163.12
B5VX930	93.0	171.48
B5VX950	95.0	175.16
B5VX960	96.0	177.00
B5VX1000	100.0	184.96
B5VX1030	103.0	190.60
B5VX1060	106.0	196.20
B5VX1080	108.0	199.92
B5VX1120	112.0	207.48
B5VX1150	115.0	213.08
B5VX1180	118.0	218.76
B5VX1230	123.0	227.96
B5VX1250	125.0	232.32
B5VX1320	132.0	245.08
B5VX1400	140.0	258.60
B5VX1500	150.0	278.16
B5VX1600	160.0	296.96
B5VX1700	170.0	315.76
B5VX1800	180.0	335.32
B5VX1900	190.0	354.84
B5VX2000	200.0	374.40

AIR DISTRIBUTION

FAN BELT

GRIPTWIST



- Perfect for emergency replacement: Minimizes production downtime because it assembles and installs immediately for any length required.
- Vibration free: Premium Griptwist Belts have no equal in suppressing troublesome vibration. Because of their extremely close tolerances, they create and transmit up to 90% less vibration than classical endless V-belts.

Browning

Part No.	Description	Price
2708030	Adjustable Belt, "A" Groove, 5'	58.46
2708048	Adjustable Belt, "B" Groove, 5'	65.85

TENSION TOOL



Indicates tension on all V-belt drives (3L, 4L, 5L, A, B, C, D, 3V, 5V and 8V). Compact, spring-loaded design. Easy to operate; instructions included. Adjustable for 10" to 170" belt span and up to 35 pounds of tension.

Browning

Part No.	Description	Price
1302546	Velt Tension Tool	62.60

AIR QUALITY

AIR CLEANER

MEDIA, DUCT MOUNT



Space-Gard air cleaners are designed for convenient installation with any type forced air heating/cooling system. Standard sheet metal installation procedures are followed. The Space-Gard air cleaner is mounted in the return air duct – horizontally or vertically, to meet practically every installation requirement.

- Reaches 99% efficiency on particles 5 microns or larger
- Model 5000 combines electronic and media technology to significantly enhance the filtering process

Aprilaire

Part No.	Dimension Overall (In.) H	W	D	Resistance (In.) W.C. @ CFM Min	Max	Wt./Ea. (Lbs.)	Price
AA2210	22.06	27-3/8	6-3/4	.04" @ 600	.22" @ 2,000	28	191.00
AA2410	17-3/4	30	6-3/4	.04" @ 600	.22" @ 2,000	17	191.00
AA5000	17-3/4	31-1/8	11-1/2	.10" @ 1000	.29" @ 2,000	35	968.50

Replacement Media

Part No.	Description	Price
AA213	Replacement Media for 4200, 2210	60.80
AA413	Replacement Media for 4400, 2410	55.60
AA501	Replacement Media for 5000	55.25

MEDIA, SURFACE MOUNT



Designed for installation where a single central return air duct is used. It is easily surface-mounted in the location normally occupied by the return air grille of the central heating/cooling system. It may be installed in the wall or ceiling, making it equally adaptable for use with closet or attic installations. The only visible part of the installed unit is the aluminum grille.

Technical Note

For commercial application, maximum recommended airflow per unit is 1000 CFM

Aprilaire

Part No.	Dimension Overall (In.) H	W	D	Filter Area (Sq. Ft.)	Resistance (In.) W.C. @ CFM Min.	Max.	(Lbs.)	Price
AA2250	22-3/4	27-3/4	9-1/4	78.6	.05" @ 600	.27" @ 2,000	32	515.10

VENTILATOR CONTROL



The Y8150 Fresh Air Ventilation System provides fresh air to a home. The control operates a fresh air intake damper and, when necessary, activates the main HVAC blower to efficiently meet ASHRAE ventilation rates.

- Designed to help meet local ventilation codes and standards, including ASHRAE 62.2-2003 standard, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings.
- Microcontroller optimizes the air delivery schedule to make efficient use of normal HVAC run times.
- Easy-to-use input dials allow customized ventilation for each installation.
- Test mode that includes immediate feedback to installer to confirm that air delivery requirements of selected ventilation standard are being met.
- Economical supply-only ventilation; works with forced air system.
- Can be used with other equipment, such as an HRV/ ERV, for balanced ventilation.
- Airflow: 50 to 160 CFM

Honeywell
THE POWER OF CONNECTED

Part No.	Includes	Use with	Price
W8150A1001	W8150A Fresh Air Ventilation Control, Mounting Hardware, Homeowner Information Label	EARD6; ER200; BER200; CER150; BHR200; BHR150B	196.97

RECOVERY VENTILATOR



- Unit capacity: Handles up to a 3,600 sq. ft. home (calculated to include natural infiltration and mechanical ventilation per ASHRAE Standard 62-89.)
- Free air flow: 150 CFM each air stream
  Design air flow: 120 CFM @3" w.g. external duct resistance, i.e. 240 equivalent ft. for each of the "fresh" and "stale" air streams
- Electrical usage: 120 Vac, 60 Hz, 1.4 Amps

Aprilaire

Part No.	Dimension Overall (In.) H	W	D	Wt./Ea. (Lbs.)	Price
8100	20-9/16	37-3/8	37-3/8	76	117.08

AIR QUALITY

ULTRAVIOLET BIOCIDE

STANDARD



- UV-C light kills airborne and surface bacteria
- UV lamp does not produce ozone
- Easy lamp maintenance with quick and easy lamp replacement
- Sealed unit design prevents accidental installer and homeowner contact with high voltage and ultraviolet rays
- Safe design prevents lamps from lighting unless the base is correctly mounted on the HVAC duct
- Light pipe to safely view the lamp operation

Power: 120 Vac

Honeywell
THE POWER OF CONNECTED

Part No.	Usage	Price
UV100A1059	Return Air, Coil	Call

ULTRAVIOLET BIOCIDE



Honeywell
THE POWER OF CONNECTED

Part No.	Usage	Price
UC100E1006	UV100E1043, UV100E1001	174.11
UC100E1030	UV100E3007, UV100E1035	Call

ENVIRACARE



- Extended lamp life
- SmartLamp™ Control Algorithm determines optimal UV lamp usage, extends lamp life 5 times, lowers operating costs
- SmartLamp™ LED shows lamp life and replacement
- Reduced power consumption
- Communicates with other home appliances through Enviracom™ three-wire communications bus
- Automatic brownout and high temperature protection for UV lamps
- Return air models supplied with integrated airflow sensor to monitor air flowing through ductwork timer after lamp replacement with extended five-second hold
- UV-C light kills airborne and surface bacteria
- UV lamp does not produce ozone
- Easy lamp maintenance with quick and easy lamp replacement
- Sealed unit design prevents accidental installer and homeowner
- contact with high voltage and UV rays
- Safe design prevents lamps from lighting unless the base is correctly
- mounted on the HVAC duct
- Light pipe to safely view the lamp operation
- Five-year limited warranty

Honeywell
THE POWER OF CONNECTED

Part No.	Usage	Price
UV100E1043	Return Air, 1 Lamp	Call
UV100E2009	Return Air, 2 Lamp	Call
UV100E3007	Return Air, Coil	Call

ULTRAVIOLET AIR TREATMENT

P900-GX

Portable UV Sterilization

The P900-GX has all the benefits of the Sanuvox patented system in a portable air purifier weighing only 11 lbs. The variable speed blower of the P900-GX moves the air into the reflective Aluminum Reaction Chamber so that the air travels parallel to the UV Lamp where the Dual Zone UVC/UVV (Germicidal /Oxidizing) Lamp destroys the biological and chemical contaminants.

SANUVOX



Part No.	Filter Type	Purifying Capacity	Outside Dimensions (In.)	Weight (lbs)	Air Inlets (In.)	Air Outlets (In.)	Price
P900-GX	Permanent Aluminum Mesh	900 sq ft	3.75 x 11.6 x 18.75	11	7 x 2.5	7.5 x 3.25	1022.00

QUATTRO-GX COMMERCIAL

In-Duct UV Air Sterilization System

Inspired by the overwhelming success of the Commercial UV Bio-Wall, the QUATTRO is designed as a Light Commercial / Residential In-Duct UV Air Purifier. The QUATTRO can treat the entire duct at one time, destroying up to 99.9% of the biological and chemical contaminants in the air-stream.
The Quattro includes three (3) 18" High-Intensity Pure Fused Quartz UVC Germicidal Lamps and one (1) 18" High-Intensity Pure Fused Quartz UVC / UVV Lamp, which are attached to four (4) Anodized Aluminum Parabolic Reflectors and are mounted parallel to the air-stream.

SANUVOX



Part No.	Type	Lamp Length (In.)	Outside Dimensions (In.)	Weight (lbs)	Price
QUATTRO-GX	In-Duct UV Air Purifier	18	10.5 x 26.5 x 17	26	Call

SANUVOX SRPLUS IN-DUCT UV AIR TREATMENT SYSTEM

The high-efficiency patented design destroys airborne bio-chemical contaminants while providing important user information via the LED status display. Installed into the return or supply plenum, the Sanuvox proprietary process maximizes cdwell (contact) time between the air and UV energy. With the ability to treat homes up to 2,000 sq.ft., the Sanuvox SRPLUS represents the most cost effective means to treat a home's Indoor Air Quality.

Features

- Whole home system designed to destroy viruses, germs, bacteria, mold, chemicals, odors, allergens & VOCs
- Patented process incl. 19mm Quartz UVC/UVV 'J' Lamp
- LED Display provides important user information

SANUVOX



Part No.	Type	Purifying Capactity	Outside Dimensions (In.)	Weight (lbs)	Voltage	Price
SRPLUS	In-Duct UV Air Treatment System	2,000 sq ft	6-3/4 x 10 x 7-3/4	4.8	120V / 220V	327.00

SANUVOX RPLUS IN-DUCT UV AIR TREATMENT SYSTEMS

The Sanuvox RPLUS represents an evolution in UV In-Duct Air Treatment. The high efficiency patented design destroys airborne bio-chemical contaminants while providing important user information on the 3" Back-Lit LCD display. Installed into the return or supply plenum, the Sanuvox proprietary process maximizes dwell (contact) time between the air and UV energy. With the ability to treat homes up to 4,000 sq.ft., the Sanuvox RPLUS represents the very best in UV Air Purification.

Features

- Whole-home system designed to destroy viruses, germs, bacteria, mold, chemicals, odors, allergens & VOCs
- Patented process incl. High-Intensity 19mm Quartz UVC/UVV 'J' Lamp
- 3" LCD Display provides important user information

SANUVOX



Part No.	Purifying Capactity	Outside Dimensions (In.)	Weight (lbs)	Voltage	Price
RPLUS	4,000 sq ft	14 x 8 x 9.5	10.7	100-240V 50-60 Hz	512.00

SANUVOX S300HFX

Description

The S300HFX is a combination Ultraviolet and Filter Air Purifier with a powerful motor fan. The S300FX is designed to filter and purify the harmful pollutants and odors, other chemical and biological contaminants. It can be used in residential homes, smoking rooms, garbage rooms, change room, clean room etc. with the appropriate options. The unit can also be duct mounted, stand-alone or installed as a by-pass.

SANUVOX



Part No.	Type	Outside Dimensions (In.)	Weight (lbs)	Whole Unit Consumption (120V)	Price
S300HFX	Combination Ultraviolet and Filter Air Purifier	17 x 13 x 31	33	1.25 amps, 134 watts	900.00

ULTRAVIOLET AIR TREATMENT

SANUVOX SABER 1624-GM UV COIL CLEANER



The Sanuvox Saber 1624-GM Ultraviolet Lamp System is designed to destroy and prevent mold and bio-film from growing on the evaporator coil and surrounding areas which negatively affect air quality and equipment efficiency.

Features

- 19 mm. 16" UVC (254nm) Quartz Lamp destroys biological contaminants including mold and biological odors
- Electronic 24 Volt Ballast with LED Status Light
- Magnetic Multi-Bracket for Various Installation Scenarios
- 1 year warranty incl. UV Lamp

SANUVOX

Part No.	Sterlilizer Type	Outside Dimensions w/ Magnet Bracket (In.)	Weight (lbs)	Voltage	Price
SABER 1624-GM	Coil Cleaner	17.5 x 2.5 x 4.5	1.95	24V AC	206.00

SABERGN1624110G

UV Coil Clean System



The proprietary Sanuvox SaberGN1624110G 24V/110V UV Object Purifier is designed to bask the evaporator coil with UVC Germicidal Energy, preventing and destroying mold, biological odors and other microbial contaminants.
A coil with bio-film (a coating of microbial growth) acts as an adhesive, attracting dirt and coating the fins of the coil. This typically results in an odor emanating from the equipment and a loss in energy efficiency as the equipment must work harder to provide the same air temperature.

SANUVOX

Part No.	Type	Lamp Length (In.)	Dimensions (In.)	Voltage	Weight (lbs)	Price
SABERGN1624110G	UV Coil Clean System	16	5.2 x 3 x 3	120V	4	161.00

AIR QUALITY

HUMIDIFIER

TrueEASE EVAPORATIVE HUMIDIFIER



- Quiet operation, 44-48 dB
- Up to 30% water savings (50% for HE300)
- Energy Savings - in use only when humidity needed
- PerfectFLO™ water distribution tray
- Common-Sense Interface - LED light indicates use and pad replacement
- User-friendly pad access
- AgION® humidifier pad - inhibits mold, bacteria, fungus & algae growth

Honeywell
THE POWER OF CONNECTED

Part No.	Capacity (GPD)	Description	Price
HE100A1000	12	Small Basic Bypass Humidifier	356.30
HE150A1005	12	Small Advanced Bypass Humidifier	513.49
HE200A1000	17	Large Basic Bypass Humidifier	390.56
HE250A1005	17	Large Advanced Bypass Humidifier	548.69
HE300A1005	18	Large Advanced Fan-Powered Humidifier	689.51

WATER PANEL



- Also replaces indicated R/P pads
- Standard (A) or AgION™ (E) Anti-Microbial Humidifier Pads

Honeywell
THE POWER OF CONNECTED

Part No.	Use With	Price
HC22A1007	HE220,HE225,110,220,550,558	13.23
HC22E1003	HE220,HE225,110,220,550,558	29.73
HC26A1008	HE260,HE265,HE360,HE365,350,360, 560,568,600,700,760,768	18.66
HC26E1004	HE260,HE265,HE360,HE365,350,360, 560,568,600,700,760,768	32.69

STEAM POWER



- Is not dependant on an HVAC system to provide humidity to the largest of homes.
- Remote or duct mount with no additional accessories
- Features truly automatic control (can be installed in manual mode if desired)
- Complements none-forced air heating sources and other specialty heating systems.
- Humidifies tightly-constructed homes up to 6,200 ft2
- Water hardness, 3 to 36 grain per gallon, water filtration not necessary
- Supply water pressure must be between 25 psi and 120 psi

Aprilaire

Part No.	Capacity GPD	Amps	Operating Wgt (Lbs.)	Price
AA800	11.5 @ 120 V 20.5 @ 208 V 23.3 @ 240 V	11.5	23	1209.30

BYPASS FLOW, THROUGH



Uses return to move air across water panel.

- AA500,550 - economy model for smaller houses; traditional manual humidistat control
- 600 - automatic computer control

Aprilaire

Part No.	Control	Capacity GPD	Voltage	Price
AA500M	Manual	12	24	213.50
AA600M	Manual	16.8	24	232.45

BYPASS, RECIRCULATING



For areas where drain facilities are no practical.

- Automatic computer control

Aprilaire

Part No.	Capacity GPD	Voltage	Price
AA400	16.8	24	366.85

POWER FLOW THROUGH



- Eliminates supply to return ducting
- Automatic computer control with outdoor temperature sensor

Aprilaire

Part No.	Control	Capacity GPD	Voltage	Price
AA700	Automatic	18	120	475.65
AA700M	Manual	18	120	416.35

SELF-CONTAINED



Aprilaire

Part No.	Application	Capacity GPH	Voltage	Price
AA350	Space Mount	12	120	625.75
AA360	Wall Mount	12	120	592.60

AIR QUALITY

HUMIDIFIER

POWER, STEAM



- Excellent choice for heat pumps or high efficiency heating systems
- Thermal fan interlock control allows unit to humidify air without furnace heat
- One-piece service drain petcock makes cleaning easy
- **"F" models** include Skuttle automatic flushing timer and chlorine removal filter
- Thermal fan interlock control allows unit to humidify air without furnace heat
- Uses minimal water
- Corrosion-resistant, low water, safety cutoff switch and built-in overflow protection
- Compact size makes unit ideal where space is at a premium
- Output capacity of 13.0 gallons per day
- Duct opening 10 1/2" x 8"
- Voltage: (601) 1.5kW, 115V , (602) 2 kW, 230V heating element

Skuttle Indoor Air Quality Products

Part No.	Capacity GPD	Voltage	Price
601	13	115	719.02
F601	13	115	830.55
SK602	17	230	752.24
F602	17	230	873.26

DEHUMIDIFIER

WHOLE HOUSE DEHUMIDIFIER



TrueDRY Whole house dehumidifier with fresh air ventilation. Provides MERV 11 filtration. Fresh air ventilation is optional and does not need to be active in order for unit to operate. DR90A is designed for use with R410A systems.

Honeywell
THE POWER OF CONNECTED

Part No.	Capacity (Pints/Day)	Includes	Price
DR90A2000	90	Dehumidifier Only	3491.52

AIR QUALITY

DISPOSABLE FIBERGLASS FILTER

- Frame is made from heavy, moisture-resistant chipboard in a onepiece design that eliminates corner separation.
- Filtering media is progressive density, continuous filament spun glass. A resinous bonding agent provides rigidity and resistance to compression. A viscous adhesive increases filtering effectiveness.
- These filters have been tested by Underwriters Laboratories Inc., and classified as Class 2 for flammability.

DISPOSABLE FIBERGLASS FILTER - 1" THICKNESS



- Instead of a metal media retainer, a very fine spray of fiberglass is blown onto E-Z Flow II's media surface fibers. That creates a tough mesh on both faces of the filter media. This mesh takes the place of the metal grill to provide structural integrity.

	Nominal Size (In.)			
Part No.	W	L	Box Qty.	Price
FI10X10X2	10	10	12	1.44
FI10X20X2	10	20	12	2.16
FI10X25X2	10	25	12	4.51
FI12X20X2	12	20	12	4.52
FI12X24X2	12	24	12	2.50
FI12X25X2	12	25	12	4.53
FI14X20X2	14	20	12	2.43
FI14X24X2	14	24	12	1.90
FI14X25X2	14	25	12	2.32
FI15X20X2	15	20	12	2.50
FI15X24X2	15	24	12	4.94
FI15X25X2	15	25	12	3.12
FI16X16X2	15	16	12	2.90
FI16X20X2	16	20	12	2.16
FI16X24X2	16	24	12	2.52
FI16X25X2	16	25	12	2.58
FI18X18X2	18	18	12	3.08
FI18X20X2	18	20	12	3.04
FI18X24X2	18	24	12	2.58
FI18X25X2	18	25	12	5.25
FI20X20X2	20	20	12	2.40
FI20X24X2	20	24	12	2.84
FI20X25X2	20	25	12	2.72
FI20X30X2	20	30	12	3.94
FI24X24X2	24	24	12	3.10
FI24X30X2	24	30	12	5.70
FI25X25X2	25	25	12	3.78
FI25X30X2	25	30	12	6.32

DISPOSABLE FIBERGLASS FILTER - 2" THICKNESS



	Nominal Size (In.)			
Part No.	W	L	Box Qty.	Price
FI8X20X1	8	20	12	3.89
FI10X10X1	10	10	12	1.38
FI10X20X1	10	20	12	1.38
FI10X24X1	10	24	12	1.76
FI10X25X1	10	25	12	1.78
FI10X30X1	10	30	12	1.98
FI12X12X1	12	12	12	1.44
FI12X16X1	12	16	12	3.64
FI12X20X1	12	20	12	1.74
FI12X24X1	12	24	12	1.88
FI12X25X1	12	25	12	1.72
FI12X30X1	12	30	12	2.32
FI14X14X1	14	14	12	1.66
FI14X16X1	14	16	12	3.92
FI14X20X1	14	20	12	1.68
FI14X24X1	14	24	12	1.90
FI14X25X1	14	25	12	1.92
FI14X30X1	14	30	12	2.39
FI15X20X1	15	20	12	1.76
FI15X25X1	15	25	12	2.01
FI15X30X1	15	30	12	5.18
FI16X16X1	16	16	12	1.80
FI16X20X1	16	20	12	1.72
FI16X24X1	16	24	12	2.00
FI16X25X1	16	25	12	1.94
FI16X30X1	16	30	12	4.56
FI18X18X1	18	18	12	1.76
FI18X20X1	18	20	12	1.82
FI18X24X1	18	24	12	1.82
FI18X25X1	18	25	12	2.09
FI18X30X1	18	30	12	5.21
FI20X20X1	20	20	12	1.88
FI20X24X1	20	24	12	2.18
FI20X25X1	20	25	12	2.04
FI20X30X1	20	30	12	2.71
FI24X24X1	20	24	12	2.18
FI24X30X1	24	30	12	2.83
FI25X25X1	25	25	12	2.53
FI30X30X1	30	30	12	11.16

POLY SYNTHETIC FILTER

DISPOSABLE AIR FILTERS-POLY - 1" THICKNESS



Polyester synthetic fiber air filtration media. In some tests, PSF has shown somewhat higher average arrestance than spun glass media. Filtering medium is 100% high bulk polyester fibers that are thermobonded with a fire retardant resin. PSF filters classified as UL listed, Class 2 for flammability.

	Nominal Size (In.)			
Part No.	W	L	Box Qty.	Price
PO7X12X1	7	12	12	3.74
PO8X14X1	8	14	12	3.74
PO8X16X1	8	16	12	3.52
PO8X20X1	8	20	12	3.74
PO10X10X1	10	10	12	1.80
PO10X12X1	10	12	12	3.86
PO10X14X1	10	14	12	3.86
PO10X15X1	10	15	12	3.86

AIR QUALITY

POLY SYNTHETIC FILTER

DISPOSABLE AIR FILTERS-POLY - 1" THICKNESS

Part No.	Nominal Size (In.) W	L	Box Qty.	Price
PO10X30X1	10	30	12	2.70
PO10X36X1	10	36	12	9.90
PO12X12X1	12	12	12	2.00
PO12X13X1	12	13	12	3.86
PO12X14X1	12	14	12	3.86
PO12X15X1	12	15	12	3.86
PO12X16X1	12	16	12	3.86
PO12X18X1	12	18	12	4.28
PO12X20X1	12	20	12	2.00
PO12X22X1	12	22	12	4.28
PO12X24X1	12	24	12	2.28
PO12X25X1	12	25	12	2.28
PO12X30X1	12	30	12	2.38
PO14X14X1	14	14	12	2.76
PO14X15X1	14	15	12	4.20
PO14X16X1	14	16	12	5.50
PO14X18X1	14	18	12	4.54
PO14X20X1	14	20	12	2.10
PO14X22X1	14	22	12	4.74
PO14X24X1	14	24	12	1.90
PO14X25X1	14	25	12	2.22
PO14X30X1	14	30	12	2.46
PO15X15X1	15	15	12	3.88
PO15X16X1	15	16	12	3.88
PO15X17X1	15	17	12	4.20
PO15X18X1	15	18	12	4.32
PO15X20X1	15	20	12	2.20
PO15X22X1	15	22	12	4.74
PO15X24X1	15	24	12	4.74
PO15X25X1	15	25	12	2.32
PO15X30X1	15	30	12	4.68
PO16X16X1	16	16	12	2.18
PO16X18X1	16	18	12	4.20
PO16X20X1	16	20	12	2.24
PO16X22X1	16	22	12	4.74
PO16X24X1	16	24	12	2.28
PO16X25X1	16	25	12	2.16
PO16X30X1	16	30	12	2.42
PO17X17X1	17	17	12	4.20
PO17X20X1	17	20	12	4.74
PO18X18X1	18	18	12	2.28
PO18X20X1	18	20	12	2.30
PO18X24X1	18	24	12	2.42
PO18X25X1	18	25	12	2.46
PO18X30X1	18	30	12	2.96
PO20X20X1	20	20	12	2.16
PO20X22X1	20	22	12	4.58
PO20X24X1	20	24	12	2.56
PO20X25X1	20	25	12	2.59
PO20X30X1	20	30	12	3.02
PO22X22X1	22	22	12	4.32
PO22X24X1	22	24	12	4.78
PO24X24X1	24	24	12	2.98
PO24X25X1	24	25	12	6.62
PO24X30X1	24	30	12	3.38
PO25X25X1	25	25	12	3.18
PO25X30X1	25	30	12	12.02
PO27X30X1	27	30	12	5.36
PO30X30X1	30	30	12	12.44

DISPOSABLE AIR FILTERS-POLY - 2" THICKNESS

Part No.	Nominal Size (In.) W	L	Box Qty.	Price
PO10X20X2	10	20	12	3.88
PO12X20X2	12	20	12	4.28
PO12X24X2	12	24	12	4.76
PO12X25X2	12	25	12	5.74
PO12X30X2	12	30	12	5.32
PO14X20X2	14	20	12	2.64
PO14X24X2	14	24	12	2.72
PO14X25X2	14	25	12	2.64
PO14X30X2	14	30	12	5.42
PO15X20X2	15	20	12	4.34
PO15X25X2	15	25	12	4.36
PO15X30X2	15	30	12	5.42
PO16X16X2	16	16	12	3.00
PO16X20X2	16	20	12	2.70
PO16X24X2	16	24	12	2.82
PO16X25X2	16	25	12	2.56
PO16X30X2	16	30	12	5.42
PO18X18X2	18	18	12	5.56
PO18X20X2	18	20	12	5.56
PO18X24X2	18	24	12	2.96
PO18X25X2	18	25	12	5.50
PO18X30X2	18	30	12	10.98
PO20X24X2	20	24	12	3.14
PO20X25X2	20	25	12	3.14
PO24X24X2	24	24	12	3.44
PO24X25X2	24	25	12	6.62
PO24X30X2	24	30	12	12.02
PO25X25X2	25	25	12	3.70

AIR QUALITY

PLEATED FILTER

MERV 8



- V-shaped pleat design provides the same open area on the air intake and air exiting sides for low airflow resistance.
- Heavy gauge beverage board prevents moisture breakdown.
- Media-to-frame bond prevents air bypass and maintains filter integrity.
- Media is a blend of synthetic and natural fibers offering high dustholding capacity and high efficiency.
- Average efficiency: 30–35%
- Average arrestance: 90–93% (ASHRAE 52.1-92)

PLEATED AIR FILTERS-MERV 8 - 1" THICKNESS

	Nominal Size (In.)			
Part No.	W	L	Box Qty.	Price
PL10X10X1	10	10	12	3.36
PL10X12X1	10	12	12	8.04
PL10X16X1	10	16	12	8.04
PL10X20X1	10	20	12	4.14
PL10X22X1	10	22	12	10.54
PL10X24X1	10	24	12	5.34
PL10X25X1	10	25	12	8.48
PL10X30X1	10	30	12	8.54
PL10X36X1	10	36	12	13.36
PL12X12X1	12	12	12	4.02
PL12X14X1	12	14	12	7.80
PL12X16X1	12	16	12	7.24
PL12X18X1	12	18	12	8.74
PL12X20X1	12	20	12	4.22
PL12X22X1	12	22	12	8.74
PL12X25X1	12	25	12	4.58
PL12X30X1	12	30	12	6.36
PL14X14X1	14	14	12	4.10
PL14X16X1	14	16	12	8.48
PL14X18X1	14	18	12	8.48
PL14X20X1	14	20	12	4.24
PL14X24X1	14	24	12	4.66
PL14X25X1	14	25	12	5.06
PL14X30X1	14	30	12	5.82
PL15X15X1	15	15	12	10.50
PL15X20X1	15	20	12	4.52
PL15X24X1	15	24	12	8.54
PL15X25X1	15	25	12	7.02
PL15X30X1	15	30	12	7.18
PL16X16X1	16	16	12	4.38
PL16X20X1	16	20	12	3.84
PL16X24X1	16	24	12	4.68
PL16X25X1	16	25	12	4.86
PL16X30X1	16	30	12	6.20
PL17X17X1	17	17	12	7.78
PL17X20X1	17	20	12	8.54
PL18X18X1	18	18	12	5.18
PL18X20X1	18	20	12	4.88
PL18X22X1	18	22	12	8.54
PL18X24X1	18	24	12	5.12
PL18X25X1	18	25	12	4.80
PL18X30X1	18	30	12	15.44
PL20X20X1	20	20	12	4.18
PL20X24X1	20	24	12	5.28
PL20X25X1	20	25	12	4.60
PL20X30X1	20	30	12	5.70
PL22X22X1	22	22	12	5.88
PL22X24X1	22	24	12	8.22
PL24X24X1	24	24	12	5.52
PL24X25X1	24	25	12	9.32
PL24X30X1	24	30	12	7.30
PL25X25X1	25	25	12	6.44
PL25X30X1	25	30	12	14.60
PL30X30X1	30	30	12	14.92

PLEATED AIR FILTERS-MERV 8 - 2" THICKNESS

	Nominal Size (In.)			
Part No.	W	L	Box Qty.	Price
PL10X20X2	10	20	12	7.88
PL10X25X2	10	25	12	9.52
PL12X12X2	12	12	12	6.28
PL12X16X2	12	16	12	10.24
PL12X20X2	12	20	12	4.22
PL12X24X2	12	24	12	3.90
PL12X25X2	12	25	12	10.98
PL14X20X2	14	20	12	4.34
PL14X24X2	14	24	12	7.46
PL14X25X2	14	25	12	4.86
PL14X30X2	14	30	12	9.34
PL15X20X2	15	20	12	4.40
PL15X24X2	15	24	12	9.44
PL15X25X2	15	25	12	8.50
PL15X30X2	15	30	12	10.36
PL16X16X2	16	16	12	4.48
PL16X20X2	16	20	12	3.88
PL16X24X2	16	24	12	4.50
PL16X30X2	16	30	12	5.52
PL18X18X2	18	18	12	6.50
PL18X20X2	18	20	12	4.90
PL18X24X2	18	24	12	4.50
PL18X25X2	18	25	12	5.34
PL18X30X2	18	30	12	11.22
PL20X20X2	20	20	12	4.38
PL20X22X2	20	22	12	8.58
PL20X24X2	20	24	12	4.70
PL20X25X2	20	25	12	4.92
PL20X30X2	20	30	12	7.92
PL22X22X2	22	22	12	10.06
PL24X25X2	24	25	12	10.50
PL24X30X2	24	30	12	13.28
PL25X25X2	25	25	12	6.40
PL25X30X2	25	30	12	17.76

AIR QUALITY

PLEATED FILTER

PLEATED AIR FILTERS-MERV 8 - 4" THICKNESS

	Nominal Size (In.)			
Part No.	W	L	Box Qty.	Price
PL12X24X4	12	24	12	9.50
PL12X25X4	12	25	12	14.98
PL16X20X4	16	20	12	9.58
PL16X24X4	16	24	12	16.44
PL16X25X4	16	25	12	10.62
PL18X20X4	18	20	12	14.98
PL18X24X4	18	24	12	10.80
PL18X25X4	18	25	12	17.12
PL20X20X4	20	20	12	10.72
PL20X24X4	20	24	12	11.42
PL20X25X4	20	25	12	11.52
PL24X24X4	24	24	12	11.96
PL25X25X4	25	25	12	22.62

FILTER ACCESSORIES

RETURN GRILL MEDIA



- Mounts in most third party return filter grilles.
- Provides high-efficiency alternative to one-inch filter.
- Captures particles as small as 0.3 micron.
- Pleated for greater media capacity.
- Easy installation. Pre-assembled filter easily inserts into and out of existing return grille.
- Exclusive frame design nests properly into place.
- Low pressure drop

Honeywell

	Nominal			
Part No.	Width (In.)	Length (In.)	Airflow CFM	Price
FC40R1110	14	20	750	Call
FC40R1045	14	25	1000	Call
FC40R1052	16	20	900	Call
FC40R1060	16	25	1150	Call
FC40R1003	20	20	1150	Call
FC40R1011	20	25	1450	Call
FC40R1144	20	24	1400	Call
FC40R1078	24	24	1700	Call
FC40R1029	24	30	1800	Call

POPUP MEDIA



Nominal size filters fit respective Honeywell media air cleaner housings and others. 2200 and 2400 fit those model Apriliaire media filter housings.

Honeywell

	Nominal		
Part No.	Width (In.)	Length (In.)	Price
POPUP1620	16	20	69.39
POPUP1625	16	25	69.39
POPUP2020	20	20	69.39
POPUP2025	20	25	69.39
POPUP2200	20-1/4	24-1/4	63.16
POPUP2400	16	27-1/8	63.16

FILTER BOX GRABBER



- Saves time
- Lifts virtually any filter box (up to 20 lbs)
- Is safer

Sensible Products

Part No.	Description	Price
FBG1	32" L x 8" W x 1" H	46.00

BULK ROLL

HOG HAIR ROLL



Made of organic fibers that have been curled, layered onto a scrim backing, coated with a special resin, then baked together at a high temperature. Results in a tough and springy, thoroughly bonded, nearly rigid air filtration medium. This rugged material can be cleaned and re-installed as an inexpensive "permanent" filter. Rated UL Class 2 for flammability. Rolls are 30' long

	Nominal Size (In.)		
Part No.	W	Thickness	Price
HH25530	25	1/2	Call
HH20130	20	1	Call
HH25130	25	1	Call
HH30130	30	1	68.32
HH36130	36	1	Call

BULK ROLE

SPUN GLASS



Progressive density media, designed to trap dirt all through its thickness for longer filter life and no face loading. Fibers are loosely woven on the air-exit side. Rolls are 20' long

	Nominal Size (In.)		
Part No.	W	Thickness	Price
HR24240	24	1	16.34
HR30240	30	1	19.70
HR36240	36	1	21.62

AIR QUALITY

BULK ROLE

POLY SYNTHETIC



Polyester synthetic fiber (PSF) media, produced from 100% high bulk polyester fibers that are thermobonded with a fire-retardant resin. PSF is extremely resilient and will withstand direct moisture. It is in many cases an ideal alternative in areas where spun glass is not recommended.

- Rolls are 20' long (1OR25 is 90' long, super tackified)

Part No.	Nominal Size (In.) W	Thickness	Roll Length (Ft.)	Price
HR24240P	24	1	20	Call
HR30240P	30	1	20	Call
HR36240P	36	1	20	Call
PSF1DT	25	1	90	Call

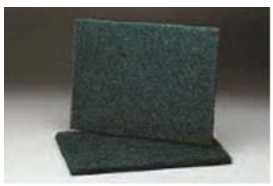
FOAM ROLL



A rugged polyurethane foam that is designed for use in room unit air conditioners and in pad-holding frames. It is washable and will withstand repeated cleaning with mild soap and water. Rolls are 25' long

Part No.	Nominal Size (In.) W	Thickness	Price
FR52520	20	1/4	Call
FR52524	24	1/4	24.48
FR52530	30	1/4	33.96
FR52536	36	1/4	41.12
FR55024	24	1/2	Call
FR55025	25	1/2	Call

HOG HAIR PRE-CUT



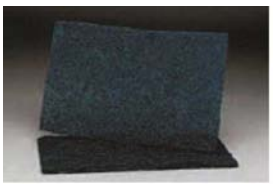
A pad made from organic fibers that are held together with a special latex binder. This unique pad filters by natural electrostatic attraction, created by air flowing over its fibers. It is washable, durable, and has very high dust holding capacity.

Part No.	Nominal Size (In.) W	L	Thickness	Box Qty.	Price
SM100	20	30	1	12	4.60
SM105	20	25	1	12	4.86
SM150	25	30	1	12	4.06

KWIK KUT

Kwik Kut room air conditioner filters are 15" x 24" pads of air filter media that can be easily cut to fit any window or wall mounted room air conditioner. They come packaged in see-through poly display bags.
The packaging bears installation and care instructions.

FOAM

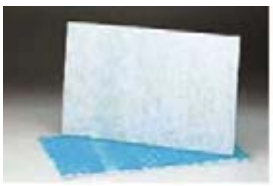


By far the most popular and most commonly used of all room air conditioner filters. It is made with an open cell foam that can be washed like a sponge or vacuumed for repeat use. Foam Kwik Kuts are treated with a special anti-microbial to prevent growth of micro-organisms on the filter. Plastic Back Foam: The same open cell foam media as described above, but laminated to a rigid plastic support grid.

Part No.	Nominal Size (In.) W	L	Thickness	Box Qty.	Price
KK500F	15	24	1/4	24	1.62
KK1000P*	15	24	1/4	24	6.04

*Plastic Support Grid

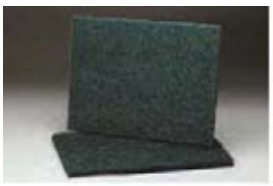
SPUN GLASS



A semi rigid spun glass pad designed for disposal after use.

Part No.	Nominal Size (In.) W	L	Thickness	Box Qty.	Price
KK600G	15	24	3/8	24	1.40

PERMAIRE



A pad made from organic fibers that are held together with a special latex binder. This unique pad filters by natural electrostatic attraction, created by air flowing over its fibers. It is washable, durable, and has very high dust holding capacity.

Part No.	Nominal Size (In.) W	L	Thickness	Box Qty.	Price
KK700H	15	24	1/2	12	3.18

ALUMINUM



A pad made completely from expanded aluminum mesh. Designed to be coated with a dust catching adhesive prior to use. Can be washed and re-used several times.

Part No.	Nominal Size (In.) W	L	Thickness	Box Qty.	Price
KK1601A	15	24	3/8	24	5.92

AIR QUALITY

FILTER PAD

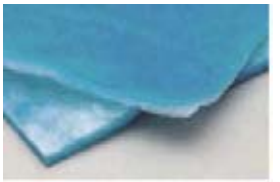
SPUN GLASS



These are progressive density media, designed to trap dirt all through their thickness for longer filter life and no face loading. Glass fibers are loosely woven on the air-entering side, progressing to closely woven fibers on the air-exit side. A resinous bonding agent in the media increases rigidity and resistance to compression so the filter will not collapse in the airstream. Nominal 1" and 2" adhesive treated spun glass. For industrial and commercial air filtration with fairly heavy dirt loads. Tinted blue on the air-entering side. Used in conjunction with holding frames and as protective prefilters for high efficiency panels.

	Nominal Size (In.)			
Part No.	W	L	Thickness	Price
16X20X1PAD	16	20	1	Call
16X25X1PAD	16	25	1	Call
20X20X1PAD	20	20	1	Call
20X25X1PAD	20	25	1	Call
12X24X2PAD	12	24	2	Call
16X20X2PAD	16	20	2	Call
16X25X2PAD	16	25	2	Call
20X20X2PAD	20	20	2	Call
20X25X2PAD	20	25	2	Call
22X22X2PAD	22	22	2	Call
24X24X2PAD	24	24	2	Call

POLY SYNTHETIC



Polyester synthetic fiber (PSF) media are produced from 100% high bulk polyester fibers that are hermobonded with a fire-retardant resin. PSF is extremely resilient and will withstand direct moisture. Coded blue on the airexit side.

	Nominal Size (In.)			
Part No.	W	L	Thickness	Price
1DT1620	16	20	1	Call
1DT1625	16	25	1	Call
1DT2020	20	20	1	Call
1DT2025	20	25	1	Call
1DT2525	25	25	1	Call
2DT1620	16	20	2	Call
2DT1625	16	25	2	Call
2DT2020	20	20	2	Call
2DT2025	20	25	2	Call

HEATING EQUIPMENT

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WATER HEATERS

SHIELD WATER HEATER



- 96% Thermal efficiency
- Modulating Burner with 5:1 Turndown
- Operates at tmps up to 180 for sanitizing applications
- Stainless steel heat exchanger
- Whisper Quiet Operation
- Venting up to 100 Equivalent Feet
- Magnesium Anode Rods
- Advanced SMART control

Lochinvar

	Dimensions (in)					
Part No.	H	W	Domestic Water Conn. (in)	Coil Connection Size	Shipping Wt (lbs)	Price
SNR150-100	75-1/2	28	1-1/2	1/2	700	11889.00
SNR200-100	75-1/2	28	1-1/2	1/2	725	12227.00
SNA285-125	75-1/2	34	2	3/4	800	18574.00
SNA400-125	75-1/2	34	2	1	850	22877.00
SNA500-125	75-1/2	34	2	1	875	26365.00

INDIRECT WATER HEATER STAINLESS



- 12 Squire models to choose from
  -- 6 standard models from 30 to 119 gallons
  -- 6 solar models from 65 to 119 gallons
- 316L passivated stainless steel tank
- 316L high capacity stainless steel coil
- Fully welded construction

Lochinvar

	Dimensions (in)					
Part No.	H	W	Domestic Water Conn. (in)	Coil Connection Size	Shipping Wt (lbs)	Price
SIT040	55-1/2	20	1	1	105	1503.00
SIT050	47	24	1	1	131	1811.00
SIT065	60	24	1-1/2	1	147	2259.00
SIT080	69-1/2	24	1-1/2	1	177	2500.00
SIT119	68-1/4	28	1-1/2	1	213	3815.00

INDIRECT WATER HEATER



Non-CFC Foam Insulation
- Glass-Lined Steel Tank
- Large Capacity Single Wall, Glass Lined Heat Exchanger Coil
- Adjustable Aquastat
- Temperature and Pressure Relief Valve
- Brass Drain Valve
- Dielectric Nipples
- Adjustable Aquastat
- Temperature and Pressure Relief Valve

Lochinvar

	Dimensions (in)					
Part No.	H	W	Domestic Water Conn. (in)	Coil Connection Size	Shipping Wt (lbs)	Price
EGS030	33-3/4	22	3/4	1	164	1414.00
EGS040	41-1/4	22	3/4	1	177	1537.00
EGS050	46-1/4	22	3/4	1	189	1777.00
EGS065	59-1/4	22	3/4	1	218	1986.00
EGS080	59	24	3/4	1	243	2405.00
EGS120	62-1/2	28-1/4	3/4	1	369	3015.00

FLOOR MOUNT BOILER

KNIGHT FLOOR MOUNT BOILER



- Modulating Burner with 5:1 Turndown
- Vertical and horizontal direct vent
- ASME stainless steel heat exchanger
- Automatic reset high limit
- Inlet & outlet temp sensors
- Boiler circulating pump
- Zero clearances to combustible material
- SMART system digital operating control

Lochinvar

	Dimensions (in)					
Part No.	H	W	Domestic Water Conn. (in)	Coil Connection Size	Shipping Wt (lbs)	Price
KBN081	33-1/4	14	1/2	1	125	4539.00
KBN106	33-1/4	14	1/2	1	129	4774.00
KBN151	33-1/4	18	1/2	1	157	5712.00
KBN211	33-1/4	22-1/4	1/2	1	172	6447.00
KBN286	42-1/4	19-3/4	1-1/4	1-1/4	224	9374.44
KBN400	42-1/2	15-1/2	1-1/2	1	280	11292.00
KBN501	42-1/2	15-1/2	1-1/2	1	310	14665.00
KHN055	43-3/8	16	1	1/2	160	4055.00
KHN085	43-3/8	16	1	1/2	165	4216.00
KHN110	43-3/8	16	1	1/2	170	4377.00
KHN155	43-3/8	16	1	1/2	175	5254.00
KHN199	43-3/8	16	1-1/4	1/2	195	6522.00
KHN285	43-3/8	16	1-1/4	1/2	205	8656.00

FTXL COMMERCIAL



- CON-X-US remote connect capable
- Cascading sequencer
- LOCH-N-LINK usb drive setup
- 5 inputs from 3999,999 to 850,000 BTU/HR
- 10:1 turndown ratio
- Common vent and pvc direct-venting
- Flow rates from 10 to 150 GPM
- Small 6.2 SQ. FT. footprint
- 4 pump control
- Wireless outdoor sensor capable

Lochinvar

	Dimensions (in)					
Part No.	H	W	Domestic Water Conn. (in)	Coil Connection Size	Shipping Wt (lbs)	Price
FTX400N	53-1/2	26-1/4	2	1	435	11816.00
FTX500N	53-1/2	26-1/4	2	1	460	15346.00
FTX600N	53-1/2	26-1/4	2	1	470	18555.00
FTX725N	53-1/2	26-1/4	2-1/2	1	510	21391.00
FTX850N	53-1/2	26-1/4	2-1/2	1	535	24485.00

Lochinvar®

HIGH EFFICIENCY BOILERS & WATER HEATERS

13 Models, 6 Floor Mount, 7 Wall Mount
95% AFUE Efficiency
Energy Star® Compliant
CON·X·US® Remote Connect Capable
Up to 10:1 Turndown Ratio
15/5 Warranty - Limited 15 Yr. Heat Exchanger, Limited 5 Yr. Parts
ECM Variable Speed Pump
Universal Vent Adapter
110 Volt Convenience Outlet

KNIGHT®

FIRE TUBE BOILER



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HEATING EQUIPMENT

HOT WATER COILS

SHW MODEL



- Constructed of seamless copper tubing, aluminum fins, and galvanized steel casing.
- Mechanical tube expansion process assures maximum heat transfer.
- Designed for maximum 400 PSIG operating pressure and are UL® listed.
- Designed with top and bottom casing for mounting in new or existing ducts.
- Sweat connections are actual O.D.

Part No.	Rows	Face Area	Coil Connection O.D.	Shipping Wt (lbs)	Price
SHW-2130	2	1.30	5/8	11	226.00
SHW-2208	2	2.08	7/8	15	299.00
SHW-2347	2	3.47	7/8	23	392.00
SHW-2417	2	4.17	1-1/8	28	445.00
SHW-2151510	2	1.56	7/8	11	Call
SHW-2122410	2	2.00	7/8	15	Call
SHW-2202010	2	2.78	7/8	20	Call
SHW-2153010	2	3.13	7/8	23	Call
SHW-2252510	2	4.34	7/8	31	Call
SHW-2253010	2	5.21	7/8	37	Call
SHW-3130	3	1.30	5/8	13	Call
SHW-3208	3	2.08	7/8	21	Call
SHW-3347	3	3.47	7/8	29	Call
SHW-3417	3	4.17	1-1/8	35	Call
SHW-4130	4	1.30	5/8	18	Call
SHW-4208	4	2.08	7/8	25	Call
SHW-4347	4	3.47	7/8	38	Call
SHW-4417	4	4.17	1-1/8	44	Call

WATER HEATERS

DUNKIRK HOTLINE INDIRECT WATER HEATER



- Domestic Water Hot and Cold Side Connection – HL 30SK, HL 40SK, HL 50SK.
- Hot Only Top Connection – HL 80SK, HL119SK.
- Cold Only Bottom/Side – HL 80SK, HL119SK.
- Coil Connections Include dielectric unions for both inlet and outlet
- 2" Foam Insulation
- Heavy-Duty Steel Jacket
- Replaceable Extra-Thick Magnesium Anode Rod
- Corrosion Resistant Porcelain-coated Enamel Smooth Coil and Interior Tank Walls
- Immersion Aquastats standard on all models
- Surface-mounted Thermostat
- Self-cleaning Drain Valve
- Factory Installed T&P Valve

		Dimensions									
Part No.	Storage Capacity	A	B	C	D	E	F	G	H	Shipping Wt (lbs)	Price
HL30SK	30 GAL.	22"	35-3/4"	27-3/4"	19-1/2"	11-3/4"	6-1/2"	4-1/2"	N/A	180	1158.00
HL40SK	38 GAL.	22"	42-3/4"	34-3/4"	31-1/2"	16-3/4"	6-1/2"	4-1/2"	N/A	226	1275.00
HL50SK	45 GAL.	22"	48-3/4"	39-3/4"	31-1/2"	16-3/4"	6-1/2"	4-1/2"	N/A	231	1405.00
HL80SK	75 GAL.	24"	64-3/4"	57-1/8"	33"	19-1/4"	8"	5"	5"	297	2004.00
HL119SK	110 GAL.	28"	65-1/4"	57-3/4"	33-3/4"	16-1/4"	8-3/4"	5"	6-1/2"	397	2457.00

HEATING EQUIPMENT

GAS FIRED HOT WATER BOILERS

DXL SERIES - UP TO 83.5% AFUE GAS FIRED HOT WATER BOILER



- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples. The Sections and Push Nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets the boiler maintains a water tight seal over time.
- Advanced Fuel Smart Hydrostat Control: 3 Functions in 1 Control
  - Temperature limit with LED display and easy dial settings. Diagnostic and function indicator lights.
  - Low Water Cut-Off (LWCO), protects the boiler from damaging low water conditions.
  - Boiler Reset, lowers the boiler temperature to save fuel by turning on the burner only when needed. Setup is quick with no need to install an outdoor sensor; just dial in the number of heating zones.
- Atmospheric Chimney Vent Boiler with Integral Draft Diverter. The Integral Draft Hood reduces the overall height and footprint of the boiler making it ideal for low clearance/space limited installations.
- Cast to Last Warranty - 20 year non-prorated limited Warranty

Dunkirk

Part No.	Standard Input Rate (MBH)	High Altitude Input Rate (MBH)	Heating Capacity (MBH)	Net AHRI Rating, Water (MBH)	Air Cushion Tank	No. of Burners	AFUE %	Price
DXL-50	50	45	42	37	15	1	83.50%	2037.00
DXL-75	75	67.5	63	55	15	2	83.10%	2438.52
DXL-100	100	90	83	72	30	2	83.00%	2548.74
DXL-125	125	112.5	104	90	30	3	82.00%	2762.74
DXL-150	150	135	124	108	30	3	83.00%	2872.94
DXL-170	170	153	139	121	30	4	82.00%	3152.00
DXL-200	200	180	165	143	30	4	82.00%	3338.00

GAS FIRED STEAM BOILERS

PSB SERIES - PLYMOUTH STEAM BOILER



Up to 82.7% AFUE Gas Fired Steam Boiler.

- Available in 9 sizes from 75 to 299 MBH.
- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples. The Sections and Push Nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets, the boiler maintains a water tight seal over time.
- LWCO (Probe Type), Pressure High Limit Control, Pressure Gauge, Gauge Glass.
- Atmospheric Chimney Vent Boiler with Integral Draft Hood and Vent Damper. Low profile compact design makes it ideal for low clearance installations.
- Brass/copper pig tail siphon for long life.
- 12 Year Cast to Last Limited Warranty (Residential Applications).

Dunkirk

Part No.	Input Rate Nat./LP (MBH)	Heating Capacity Nat./LP (MBH)	Net AHRI Rating(2) Nat./LP			No. of Sec.	Vent Pipe Size	AFUE%	Price
			Steam (PPF)	Steam (Sq.Ft.)	Steam (MBH)				
PSB-3D	75/70	62/58	1.33	196/183	47/44	3	5"	82.70%	2723.00
PSB-4D	112.5/105	91/85	1.33	283/267	68/64	4	6"	82.00%	2974.00
PSB-5D	150/140	122/86	1.33	383/358	92/86	5	6"	82.00%	3252.00
PSB-6D	187.5/175	153/143	1.33	479/446	115/107	6	7"	82.00%	4276.16
PSB-7D	225/210	183/171	1.33	571/533	137/128	7	7"	82.00%	4211.00
PSB-8D	262.5/245	214/200	1.33	671/625	161/150	8	7"	82.00%	4656.00
PSB-9D	299/280	245/229	1.33	767/717	184/172	9	7"	82.00%	4904.00

GAS FIRED HOT WATER BOILER

WPSB SERIES II



Up to 84.1% AFUE Gas Fired Hot Water Boiler

- Available in 7 sizes from 75 MBH to 299 MBH.
- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples. The Sections and Push Nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets the boiler maintains a water tight seal over time.
- Advanced Fuel Smart Hydrostat Control: 3 Functions in 1 Control
- Temperature limit with LED display and easy dial settings. Diagnostic and function indicator lights.
- Low Water Cut-Off (LWCO), protects the boiler from damaging low water conditions.
- Boiler Reset, lowers the boiler temperature to save fuel by turning on the burner only when needed. Set-up is quick with no need to install an outdoor sensor; just dial in the number of heating zones.
- Atmospheric Chimney Vent Boiler with Integral Draft Hood and Vent Damper. The Integral Draft Hood reduces the overall height and footprint of the boiler making it ideal for low clearance/space limited installations.
- Cast to Last Warranty.
- 20 year non-prorated limited warranty.

Dunkirk

Part No.	Input Rate (MBH)	Heating Capacity (MBH)	Net AHRI Rating, Water (MBH)	AFUE %	Price
WPSB3D	75/70	63/59	55/51	84.00%	2085.00
WPSB4D	112/105	94/88	82/77	84.00%	2307.00
WPSB5D	150/140	126/118	110/103	84.10%	2539.00
WPSB6D	187/175	157/147	137/128	84.10%	2843.00
WPSB7D	225/210	188/176	163/153	84.00%	3105.00
WPSB8D	262/245	220/206	191/179	83.90%	3342.00
WPSB9D	299/280	251/235	218/204	83.70%	3567.00

GAS FIRED CONDENSING BOILER

Q95M-200 - 92.5% AFUE RESIDENTIAL GAS FIRED MODULATING CONDENSING BOILER



- High Efficiency Cast Aluminum Monoblock Heat Exchanger with low pressure drop.
- Microprocessor Based Modulating Control.
- Monitors the supply and return water temperature, adjusting the boiler firing rate to match the building load conditions.
- Hi-Limit Control with LED display and self diagnostic features.
- Low Water Cut Off.
- Boiler Temperature Reset.
- Lowers the boiler supply water temperature depending on outdoor air temperature. Saves fuel without sacrificing comfort.
- Domestic Hot Water Priority.
- Intake and flue gasses can be piped with readily available 3" PVC up to 100 equivalent feet.
- Option of left, right, or rear exit for return plumbing and gas piping.
- Piping connections facilitate multiple boiler installations.
- Integral Condensate Trap.
- Limited 15 Year Warranty.

Dunkirk

	Boiler Input Rate (MBH)		Heating Capacity (MBH)		Net AHRI Rating, Water (MBH)			
Part No.	Max.	Min.	Max.	Min.	Max.	Min.	AFUE %	Price
Q95M-200	200	80	182	75	158	65	92.5	5755.00

GAS FIRED HOT WATER BOILER

Q90-200 SERIES II - 90% AFUE GAS FIRED CONDENSING HOT WATER BOILER



- High Efficiency Cast Aluminum Monoblock Heat Exchanger with low pressure drop.
- Fuel Smart Hydrostat Control: 3 functions in 1 Control.
- Temperature Limit Control with easy dial settings and function indicator lights.
- Low Water Cut-Off (LWCO), protects the boiler from damaging low water conditions.
- Boiler Reset, lowers the boiler temperature to save fuel without sacrificing comfort.
- Set-up is quick with no need to install an outdoor sensor, just dial in the number of heating zones.
- Integrated Microprocessor Control.
- Sealed Combustion, Direct Vent Forced Draft System.
- Utilizes Economical CPVC and PVC Vent Pipe.
- Integral Combustible Floor Plate.
- Casting Temperature Safety Switch & Air Flow Pressure Switches.
- Limited 15 Year Warranty.

Dunkirk

Part No.	Boiler Input Rate (MBH)	Heating Capacity (MBH)	Net AHRI Rating, Water (MBH)	AFUE %	Price
Q90-125	125	113	98	90.0	4658.00
Q90-150	150	134	117	90.0	4658.00
Q90-175	175	158	137	90.0	4658.00
Q90-200	200	180	157	90.0	4658.00

GAS FIRED HOT WATER BOILER

Q90-100 SERIES IV - 90% AFUE GAS-FIRED CONDENSING HOT WATER BOILER



- Hi Efficiency Cast Aluminum Heat Exchanger with low pressure drop
- Hot Surface Ignition (HIS) Boiler Control
- Hydrolevel Combination High Limit and Low Water Cut Off Control with boiler water temperature reset feature
- Small compact design is ideal for low clearance/limited space installations
- Stainless Steel Premix Burner for corrosion resistance
- Sealed Combustion – now approved for Polypropylene venting
- Induced Draft Blower with adjustable exhaust (front, right side or rear)
- Easy to Install & Service: Choice of multiple supply and return locations (top, side or combination)
  - Leveling legs
  - Junction Box provided
  - Removable control panel for quick access
  - Low profile condensate trap provides easy plumbing of condensate drain lines
- Limited 15 Year Warranty

Dunkirk

Part No.	Boiler Input Rate (MBH)	Capacity Heating (MBH)	Net AHRI Rating, Water (MBH)	AFUE %	Price
Q90-50	50	45	39	9000.0%	4035.00
Q90-75	75	68	59	9000.0%	4035.00
Q90-100	100	90	78	9000.0%	4035.00

XEB - UP TO 84.4% AFUE GAS FIRED HOT WATER BOILER



- Available in 6 sizes from 42 MBH to 225 MBH.
- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples. The Sections and Push Nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets the boiler maintains a water tight seal over time.
- Honeywell High Limit/Electronic Ignition Control.
  -- Recessed under the boiler's protective jacket
  -- Digital temperature display and diagnostics
  -- Plug in connection for the inducer fan
  -- Plug in connection for the system pump
- Control monitors the water temperature and delays the burner starting until residual heat has been transferred. This maximizes efficiency by turning on the burner only when needed.
- Induced Draft Fan – allows flue gases to be pulled through the boiler and exhausted through a chimney or side-wall vent.
- Cast to Last - 20 year non-prorated limited warranty

Dunkirk

Part No.	Input Rate (MBH)	Heating Capacity (MBH)	Net AHRI (MBH)	Vent Diameter		AFUE %	Price
				To Chimney (Category I)	Horizontal Vent (Category III)		
XEB-2	42	36	31	4"	3"	8440.0%	1862.00
XEB-3	75	63	55	4"	3"	8340.0%	2099.00
XEB-4	112	94	82	4"	3"	8300.0%	2314.00
XEB-5	150	125	109	4"	3"	8270.0%	2591.00
XEB-6	187	155	135	4"	4"	8230.0%	3037.00
XEB-7	225	186	162	4"	4"	8200.0%	3327.00

OIL FIRED BOILER

EXCELSIOR EXB - UP TO 86.5% AFUE OIL



- Advanced High Efficiency 3- Pass Heat Exchanger Design
- Multiple firing rates
- High Limit Control with:
- LED display
- Easy to program dial settings
- Boiler Water Temperature Reset
- Low Water Cut Off functionality
- Burners and Venting Options (Burner Cover Standard)
- Flexible oil line combined with easy access heat exchanger with dual hinge swing door (right or left mount option)
- Wide flue-ways for easy cleaning
- Site glass for flame observation
- Removable 1/4" test port for draft overfire reading
- Limited Lifetime Warranty

Dunkirk

Part No.	No. Of Sec.	Boiler Input Rate (MBH)	Heating Capacity (MBH)	Net AHRI Rating, Water (MBH)	Chimney Size	Boiler Flue	Firing Rate GPH	AFUE %	Price
EXB4075	4	105	91	79	8" x 8" x 15'	5" (13 cm)	0.75	86.0	2412.00
EXB4095	4	133	114	99	8" x 8" x 15'	5" (13 cm)	0.95	85.0	Call
EXB4110	4	154	132	115	8" x 8" x 15'	5" (13 cm)	1.10	84.0	2412.00
EXB5100	5	140	122	106	8" x 8" x 15'	5" (13 cm)	1.00	86.5	2740.00
EXB5115	5	161	139	121	8" x 8" x 15'	5" (13 cm)	1.15	85.0	Call
EXB5135	5	189	161	140	8" x 8" x 15'	5" (13 cm)	1.35	84.0	Call
EXB6130	6	182	159	138	8" x 8" x 15'	5" (13 cm)	1.30	86.5	2887.00
EXB6145	6	203	176	153	8" x 8" x 15'	5" (13 cm)	1.45	85.0	Call
EXB6165	6	231	198	172	8" x 8" x 15'	5" (13 cm)	1.65	84.0	Call
EXB7165	7	231	201	175	8" x 8" x 15'	6" (15 cm)	1.65	86.0	3284.00
EXB7180	7	252	217	189	8" x 8" x 15'	6" (15 cm)	1.80	85.0	Call
EXB7190	7	266	228	198	8" x 8" x 20'	6" (15 cm)	1.90	84.0	Call

(Call) Please contact your local Aireco branch for pricing.

OIL FIRED HOT WATER BOILERS

EW II SERIES II - EMPIRE WATER II



Up to 86.5% AFUE High Efficiency Oil Fired Hot Water Boiler

- Available in 9 sizes from 91 to 280 Mbh.
- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples. The Sections and Push Nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets the boiler maintains a water tight seal over time.
- Honeywell High Limit and Circulator Relay Control. -- Digital Temperature Display and Diagnostics.
- Less Coil: Control monitors water temperature and delays the burner starting until any residual heat has been transferred.
- Thermal purge logic measures rate of temperature change inside the boiler and delays burner firing accordingly. This maximizes efficiency by turning on the burner only when needed.
- With Coil: Low Limit Control seeks maximum temperature to satisfy domestic hot water call bypassing thermal purge logic.
- Atmospheric Chimney Vent Boiler.
- Optional Tankless Heater Coil.
- 20 Year Non-Prorated Warranty (Residential Applications).

Dunkirk

Part No.	No. Of Sec.	Input G.P.H.	Input MBH	Heating Capacity (MBH)	Net AHRI Rating, Water (MBH)	Minimum Chimney Size/Height	AFUE %	Price
*3EW.65	3	0.65	91	80	70	8" x 8" x 15'	86.3%	Call
*3EW.75	3	0.75	105	92	80	8" x 8" x 15'	85.2%	Call
3EW.100	3	1.00	140	120	104	8" x 8" x 15'	84.0%	Call
MEW.90	4	0.90	126	111	97	8" x 8" x 15'	86.0%	Call
MEW1.25	4	1.25	175	151	131	8" x 8" x 15'	85.0%	Call
4EW1.50	4	1.50	210	179	156	8" x 8" x 15'	84.0%	Call
*5EW1.20	5	1.20	168	147	128	8" x 8" x 15'	86.5%	Call
5EW1.75	5	1.75	245	210	183	8" x 8" x 15'	84.3%	Call

(Call) Please contact your local Aireco branch for pricing.

OIL FIRED HOT WATER BOILERS

EW II SERIES II - EMPIRE WATER II WITH TANKLESS WATER COIL



Up to 86.5% AFUE High Efficiency Oil Fired Hot Water Boiler

- Available in 9 sizes from 91 to 280 Mbh.
- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples. The Sections and Push Nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets the boiler maintains a water tight seal over time.
- Honeywell High Limit and Circulator Relay Control. -- Digital Temperature Display and Diagnostics.
- Less Coil: Control monitors water temperature and delays the burner starting until any residual heat has been transferred. Thermal purge logic measures rate of temperature change inside the boiler and delays burner firing accordingly. This maximizes efficiency by turning on the burner only when needed.
- With Coil: Low Limit Control seeks maximum temperature to satisfy domestic hot water call bypassing thermal purge logic.
- Atmospheric Chimney Vent Boiler.
- Optional Tankless Heater Coil.
- 20 Year Non-Prorated Warranty (Residential Applications).

Dunkirk

Part No.	No. Of Sec.	Input G.P.H.	Input MBH	Heating Capacity (MBH)	Net AHRI Rating, Water (MBH)	Minimum Chimney Size/Height	AFUE %	Price
3EW.75T	3	0.75	105	92	80	8" x 8" x 15'	85.2%	3741.00
3EW.100T	3	1.00	140	120	104	8" x 8" x 15'	84.0%	3290.00

OIL FIRED STEAM BOILERS

ESC IV - 82% AFUE OIL FIRED STEAM BOILER



- Available in 4 sizes from 106 MBH to 247 MBH.
- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples. The Sections and Push Nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets the boiler maintains a water tight seal over time.
- Patented Protective Heat Shield Baffle to protect the casting above the water line.
- Honeywell Pressure Control, Boiler Water Level Gauge Glass, and Steam Pressure Gauge.
- Electronic Low Water Cut Off.
- Atmospheric Chimney Vent Boiler.
- Cast Iron swing door and large flue ways allow for easy cleaning and servicing.
- 12 Year Limited Warranty (Residential Applications).

Dunkirk

Part No.	AHRI Burner Oil Input G.P.H.	AHRI Burner Oil Input MBH	Htg. Cap. MBH	Net AHRI Ratings Steam MBH	Net AHRI Ratings Sq. Ft. Steam	Min. Nat. Draft Chimney Size Round	Min. Nat. Draft Chimney Size Square	Pump Press. PSI	Nozz. Furn.	AFUE %	Price
ESC-3090S	0.90	126	106	80	333	6"	8" x 8" x 15'	150	0.75-60°B	82.00%	3155.00
ESC-4125S	1.25	175	147	110	458	6"	8" x 8" x 15'	140	1.10-60°B	82.00%	3641.00
ESC-5185S	1.85	259	216	162	675	8"	8" x 8" x 15'	150	1.50-70'B	82.00%	3949.00
ESC-6210S	2.10	294	247	185	771	8"	8" x 8" x 15'	145	1.75-70°B	82.00%	Call

(Call) Please contact your local Aireco branch for pricing.

Part No.	AHRI Burner Oil Input G.P.H.	AHRI Burner Oil Input MBH	Htg. Cap. MBH	Net AHRI Ratings Steam MBH	Net AHRI Ratings Sq. Ft. Steam	Min. Nat. Draft Chimney Size Round	Min. Nat. Draft Chimney Size Square	Pump Press. PSI	Nozz. Furn.	AFUE %	Price
ESC-3090ST	0.90	126	106	80	333	6"	8" x 8" x 15'	150	0.75-60°B	82.00%	3534.00
ESC-4125ST	1.25	175	147	110	458	6"	8" x 8" x 15'	140	1.10-60°B	82.00%	4020.00
ESC-5185ST	1.85	259	216	162	675	8"	8" x 8" x 15'	150	1.50-70'B	82.00%	4327.00
ESC-6210ST	2.10	294	247	185	771	8"	8" x 8" x 15'	145	1.75-70'B	82.00%	Call

(Call) Please contact your local Aireco branch for pricing.

Dunkirk®

INNOVATIVE. EFFICIENT. DEPENDABLE. DUNKIRK.

OIL FIRED WATER BOILER

3EW100T	3EW100Z
3EW75T	3EW75Z
4EW125T	4EW125Z
4EW150T	4EW150Z
5EW175T	5EW175Z
5EW120T	5EW120Z

GAS FIRED STEAM BOILER

PSB3D, PSB4D, PSB5D, PSB6D, PSB7D, PSB8D, PSB9D

GAS FIRED WATER BOILER, ELECTRONIC IGNITION

WPSB6D, WPSB7D, WPSB8D, WPSB-3, WPSB-4, WPSB-5, WPSB-6, WPSB-7, WPSB-8, WPSB-9

95% VLT HOT WATER GAS BOILER

DKVLT-75, DKVLT-100, DKVLT-150

83% GAS WATER BOILER

DXL-50, DXL-75, DXL-100, DXL-125, DXL-150, DXL-170, DXL-200

90% QUANTUM COND. BOILER DV

Q90-50II, Q90-75II, Q90-100II

84% GAS FIRED WATER BOILER

XEB-2II, XEB-3II, XEB-4II, XEB-5II, XEB-6II



Dunkirk CAST TO LAST WARRANTY

MADE IN THE USA

Aireco
WWW.AIRECO.COM

Proud Wholesale Distributor

To learn more, contact your local Aireco sales representative, branch or HVAC specialist.

HEATING EQUIPMENT

TANKLESS GAS WATER HEATER

NPE-A SERIES



- 1/2" gas pipe capable up to 24'
- Field convertible gas system
- Ultra-condensing efficiency
- Dual Stainless steel heat exchangers
- Low NOx emissions (= 20ppm)
- SCH 40, 2" venting up to 60'
- Cascading capable

NAVIEN

Part No.	Heat Capacity (Input) BTUh		UEF (for NG & LP)	Dimensions (in)			Weight	Price
	Natural Gas	Propane Gas		H	W	D		
NPE-180A	15,000-150,000	15,000-150,000	.96	27.4	17.3	13.2	75	1740.00
NPE210ANG	19,900-180,000	19,900-180,000	.96	27.4	17.3	13.2	82	1960.00
NPE-240A	19,900-199,900	19,900-199,900	.96	27.4	17.3	13.2	82	2180.00

(Call) Please contact your local Aireco branch for pricing.

NPE-S SERIES



- 1/2" gas pipe capable up to 24'
- Field convertible gas system
- Ultra-condensing efficiency .99EF
- Dual Stainless steel heat exchangers
- Low NOx emissions (= 20ppm)
- SCH 40, 2" venting up to 60'
- Cascading capable

NAVIEN

Part No.	Heat Capacity (Input) BTUh		UEF (for NG & LP)	Dimensions (in)			Weight	Price
	Natural Gas	Propane Gas		H	W	D		
NPE-150S	18,000-12,000	18,000-120,000	.96	27.4	17.3	13.2	55	Call
NPE-180S	15,000-150,000	15,000-150,000	.97	27.4	17.3	13.2	67	1480.00
NPE210SNG	19,900-180,000	19,900-180,000	.97	27.4	17.3	13.2	75	1640.00
NPE-240S	19,900-199,900	19,900-199,900	.97	27.4	17.3	13.2	75	1800.00

(Call) Please contact your local Aireco branch for pricing.

GAS COMBINATION BOILER

NCB-E SERIES



- Super condensing efficiency
- Dual stainless steel heat exchangers
- SCH40,2" PVC venting up to 60'
- 1/2" gas pipe up to 24'
- Automatic water filling system
- Integrated controls

NAVIEN

Part No.	Gas Input (BTUh)		AFUE	Dimensions (in)			Weight	Price
	Space Heating	Domestic Hot Water		H	W	D		
NCB-150E	12,000-60,000	12,000-120,000	95	28	17	12	66	Call
NCB-180E	14,000-80,000	14,000-150,000	95	28	17	12	74	3860.00
NCB-210E	18,000-100,000	18,000-180,000	95	28	17	12	84	4190.00
NCB-240E	18,000-120,000	18,000-199,900	95	28	17	12	84	4480.00

(Call) Please contact your local Aireco branch for pricing.

HEATING EQUIPMENT

GAS HEATING BOILER

NHB SERIES



- Super condensing efficiency
- Dual stainless steel heat exchangers
- SCH40,2" PVC venting up to 60'
- 1/2" gas pipe up to 24'
- TDR up to 7:1
- Integrated controls

NAVIEN

Part No.	Gas Connection Size	Dimensions (in) H	W	D	Weight	Price
NHB-55	3/4 in. NPT (female)	24	17	12	73	2880.00
NHB-80	3/4 in. NPT (female)	24	17	12	73	3170.00
NHB-110	3/4 in. NPT (female)	24	17	13	80	3450.00
NHB-150	3/4 in. NPT (female)	24	17	13	80	3740.00

(Call) Please contact your local Aireco branch for pricing.

UNIT HEATERS

INDOOR DUCT FURNACE



Reznor X Series Duct Furnaces are designed to provide 80% thermal efficiency for indoor application with gravity venting. They are certified for use with natural or propane gas, as specified, in sizes from 75,000 through 400,000 BTUH input. These models are used as heating components in heating, heating/cooling, or makeup air systems and require a separate blower system for air delivery

- Orifices for natural gas
- Aluminized steel heat exchanger
- Aluminized steel burners with stainless steel insert
- 120-volt supply voltage
- 24 volt control voltage transformer
- High limit safety cutout
- Single-stage combination gas

REZNOR®

Part No.	Capacity (BTUH) Input	Output	Full Load Amps (115V)	Unit Control Amps (24V)	Gas Connection (In.)	Net Weight (Lbs.)	Price
X75	75,000	60,000	0.2	0.3	1/2"	150	2394.00
X100	100,000	80,000	0.2	0.3	1/2"	150	2408.00
X125	125,000	100,000	0.2	0.3	1/2"	163	2527.00
X150	150,000	120,000	0.2	0.3	1/2"	182	2765.00
X175	175,000	140,000	0.2	0.3	1/2"	186	2847.00
X200	200,000	160,000	0.2	0.3	1/2"	224	3133.00
X225	225,000	180,000	0.2	0.3	1/2"	231	3238.00
X250	250,000	200,000	0.2	0.3	1/2"	276	3590.00
X300	300,000	240,000	0.2	0.3	3/4"	286	3793.00
X350	350,000	280,000	0.2	0.3	3/4"	320	4180.00
X400	400,000	320,000	0.2	0.3	3/4"	355	4497.00

(Call) Please contact your local Aireco branch for pricing.

UNIT HEATERS

REZNOR'S V3 SERIES UDAP



Reznor's V3 Series UDAP high efficiency heaters are excellent for space heating applications. These gas-fired unit heaters are power vented in order to eliminate heat losses up the flue pipe. Power vented models have a higher initial cost than similar "gravity" vented models, but will save money on fuel costs. UDAP heaters are designed for 82-83% thermal efficiency often meeting utility company thresholds for rebate incentives.

REZNOR

	Capacity (BTUH)						
Part No.	Input	Output	Full Load Amps (115V)	Unit Control Amps (24V)	Gas Connection (In.)	Net Weight (Lbs.)	Price
UDAP-30	30,000	24,600	1.9	1.0	1/2"	61	1046.00
UDAP-45	45,000	37,350	2.4	1.0	1/2"	66	1087.00
UDAP-60	60,000	49,800	2.4	1.0	1/2"	74	1146.00
UDAP-75	75,000	62,250	3.3	1.0	1/2"	79	1202.00
UDAP-100	100,000	87,150	3.9	1.0	1/2"	118	1374.00
UDAP-125	125,000	99,600	5.1	1.0	1/2"	123	1548.00
UDAP-150	150,000	124,500	3.8	1.0	1/2"	204	1649.00
UDAP-175	175,000	142,250	3.8	1.0	1/2"	219	1832.00
UDAP-200	200,000	166,000	4.6	1.0	1/2"	219	1963.00
UDAP-225	225,000	186,750	7.5	1.0	3/4"	245	2121.00
UDAP-250	250,000	207,500	7.5	1.0	3/4"	257	2282.00
UDAP-300	300,000	249,000	11.0	1.0	3/4"	321	2730.00
UDAP-350	350,000	290,500	11.0	1.0	3/4"	346	3099.00
UDAP-400	400,000	332,000	11.0	1.0	3/4"	358	3334.00

REZNOR'S V3 SERIES UDAS



Reznor's V3 Series UDAS gas-fired separated combustion unit heaters are available in 14 sizes ranging from 30,000 to 400,000 BTUH gas input (Sizes 30-125 are approved for residential application). Model UDAS heaters are designed for 82-83% thermal efficiency and are approved for installation in the United States and Canada by the Canadian Standards Association (CSA).

REZNOR

	Capacity (BTUH)						
Part No.	Input	Output	Full Load Amps (115V)	Unit Control Amps (24V)	Gas Connection (In.)	Net Weight (Lbs.)	Price
UDAS-30	30,000	24,600	1.9	1.0	1/2"	63	1539.00
UDAS-45	45,000	37,350	2.4	1.0	1/2"	68	1740.00
UDAS-60	60,000	49,800	2.4	1.0	1/2"	76	1983.00
UDAS-75	75,000	62,250	3.3	1.0	1/2"	81	2052.00
UDAS-100	100,000	87,150	3.9	1.0	1/2"	120	2346.00
UDAS-125	125,000	99,600	5.1	1.0	1/2"	125	2609.00
UDAS-150	150,000	124,500	3.8	1.0	1/2"	206	2912.00
UDAS-175	175,000	142,250	3.8	1.0	1/2"	221	3009.00
UDAS-200	200,000	166,000	4.6	1.0	1/2"	221	3224.00
UDAS-225	225,000	186,750	7.5	1.0	3/4"	247	3540.00
UDAS-250	250,000	207,500	7.5	1.0	3/4"	259	3828.00
UDAS-300	300,000	249,000	11.0	1.0	3/4"	323	4143.00
UDAS-350	350,000	290,500	11.0	1.0	3/4"	348	4471.00
UDAS-400	400,000	332,000	11.0	1.0	3/4"	360	4895.00

HEATING EQUIPMENT

RADIANT HEAT

ONIX TUBING



Onix is a flexible tubing specifically engineered and manufactured for use in radiant floors or as hydronic supply and return tubing. The unique chemical composition and manufacturing process of Onix make it the perfect choice for use as long-lasting, high-temperature hydronic tubing.

WattsRadiant™ Floor Heating & Snow Melting

Part No.	I.D.	O.D.	Bend Radius	Coil Size	Fluid Capacity per 1000 ft. (gal.)	Price
086061-160	3/8	11/16	3"	160'	6.25	388.80
086061-180	3/8	11/16	3"	180'	6.25	437.40
086061-200	3/8	11/16	3"	200'	6.25	486.00
086081-200	1/2	7/8	4"	200'	10.25	630.00
086081-250	1/2	7/8	4"	250'	10.25	787.50
086081-300	1/2	7/8	4"	300'	10.25	945.00
086121-100	3/4	1-1/8	6"	100'	25.00	497.00
086121-200	3/4	1-1/8	6"	200'	25.00	1046.00

RADIANTPEX+ TUBING



The cross-linked molecular structure of RadiantPEX+™ offers toughness, flexibility and lasting durability. It is corrosion resistant, virtually maintenance free, and withstands temperatures ranging from below freezing to above the boiling point. RadiantPEX+ combines all of the traditional advantages of plastic PEX tubing, but with an EVOH oxygen barrier. Adding protection against corrosion for the various ferrous components of a heating system.

WattsRadiant™ Floor Heating & Snow Melting

Part No.	I.D.	O.D.	Bend Radius	Coil Size	Price
PB032061-600	3/8	1/2	4"	600'	450.00
PB032081-100	1/2	5/8	5"	100'	92.00
PB032081-300	1/2	5/8	5"	300'	276.00
PB032081-600	1/2	5/8	5"	600'	552.00
PB032081-1000	1/2	5/8	5"	1000'	920.00
PB032121-100	3/4	7/8	7"	100'	133.00
PB032121-600	3/4	7/8	7"	600'	798.00
PB032121-1200	3/4	7/8	7"	1200'	1596.00

FLOWMETER MANIFOLDS



- Flexible, modular and singular design system
- Easy-to-assemble construction
- Precise flow control and balancing
- Fittings for both PEX and Onix radiant tubing
- Control for hydronic floor heating, fan coil heating, or baseboard heating

WattsRadiant™ Floor Heating & Snow Melting

Part No.	Description	Price
D3803002SS	M-2 Manifold Pair, Stainless Steel	230.20
D3803003SS	M-3 Manifold Pair, Stainless Steel	292.10
D3803004SS	M-4 Manifold Pair, Stainless Steel	353.20
D3803005SS	M-5 Manifold Pair, Stainless Steel	433.50
D3803006SS	M-6 Manifold Pair, Stainless Steel	495.80
D3803007SS	M-7 Manifold Pair, Stainless Steel	552.30
D3803008SS	M-8 Manifold Pair, Stainless Steel	611.30
D3803009SS	M-9 Manifold Pair, Stainless Steel	675.30
D3803010SS	M-10 Manifold Pair, Stainless Steel	740.20
D3803011SS	M-11 Manifold Pair, Stainless Steel	807.20
D3803012SS	M-12 Manifold Pair, Stainless Steel	876.10

HEATING EQUIPMENT

INFRARED HEATERS

INDOOR/OUTDOOR



Revolutionary short-wave infrared technology provides instant comfort heat as soon as it is switched on. Models available for indoor and outdoor spot and space heating applications.

- 92% radiant efficiency
- Polished aluminum reflector and quartz lamps
- Stainless steel wire guards
- For use with restaurants, hotel patios, sports venues, outdoor areas, balcony/terraces, hobby shops, garage/workshops, warehouse facilities, etc.

Schwank
INNOVATIVE HEATING SOLUTIONS

Part No.	Application	Voltage	Power (Watts)	Amps	Dimensions (in)			Weight (lbs)	Price
					H	W	D		
IEP-1520	Indoor	120	1,500	13	5.7	15.6	3.75	5	423.00
IEP-1524	Indoor/Outdoor	120	1,500	13	5.7	15.6	4.4	5	485.00
IEP-2024	Indoor/Outdoor	240	2,000	9	5.7	15.6	4.4	5	485.00
IEP-4024	Indoor/Outdoor	240	4,000	18	5.7	38.5	3.75	8.8	900.00

TUBE KIT



- Long lasting construction with corrosion resistant parts, sealed tube heaters and protected fans
- Easy maintenance with simple latch access [no need to turn off heater burner]
- Energy savings up to 50% offers payback period as small as 1 year
- Quiet "Whisper Jet" burners operate even lower than background noise
- Uniform heat distribution pressure fan for optimal heating of space

Schwank
INNOVATIVE HEATING SOLUTIONS

Part No.	Price
TS-1040-JZ	1122.00
TS-1420-JZ	664.00
TS-1430-JZ	893.00

HEATING ACCESSORIES

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VENTING ACCESSORIES

POWER VENTER



Combines the motor, blower and vent hood in one complete, easy to install unit that significantly reduces motor noise.

- Designed for walls up to 8" thick
- Use with oil or gas furnaces, boilers and water heaters
- SWG4G is the universal 4" model

When to Use:

- New construction
- When converting from electric to gas or oil
- To avoid relining a chimney
- Must order control kit, not included
- When installing an additional heating appliance
- When co-venting a water heater with a furnace

Part No.	Unit Vent Size (In.)	Dimensions (in) L	W	H	Price
SWG-4HD	4	9	9	9-1/2	Call
SWG4G	4	9	9	9-1/2	Call
SWG5	5	12	12-1/4	10-3/4	1014.59
SWG6	6	12	12-1/4	10-3/4	Call

POWER VENTER CONTROL



Control kit for use with SWG power venter. Can also control draft inducers (Model DI) and combustion air systems (CAS 3 & 4).

Part No.	Usage	Includes	Price
CK61	Oil, Adj. Electronic Post Purge	Draft Proving Switch, Safety	653.46
CK20	30/750mV Gas, Water-Spa Heaters	Gas Pressure Switch, Safety, Fixed Post Purge	13.19
CK41F	24V Gas without Spillage Switch	Draft Proving Switch, Safety, Fixed Post Purge	388.62
CK43F	24V Gas, Draft Induced	Draft Proving Switch, Draft Control, Fixed Post Purge	467.19
CK9*	24V Gas, Draft Induced with 30mV Water Heater Co-Vent	Draft Proving Switch, Safety, Adj. Electronic Post Purge	Call
CK92F*	Gas Fired with 30mV Water Heater Co-Vent	Draft Proving Switch, Safety, Fixed Post Purge	Call

*Includes Gas Pressure Switch

COMBUSTION AIR, DIRECT



The Field combustion air system (CAS) provides controlled amounts of outside air for proper combustion of oil heating appliances.

When to Use:

- Too tight construction
- Provide source of fresh air for combustion
- Use with appliances up to 2 GPH
- Includes 4" intake air hood & vacuum relief valve

Part No.	Usage	Price
CAS1	Beckett AFII Burner	Call
CAS2B	Beckett AF, AFG Burner	Call

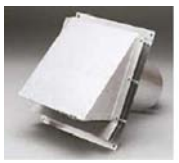
COMBUSTION AIR, INDIRECT



Provides controlled amount of combustion air for oil or heat appliances. For multiple appliances or where direct connection is not possible. Each is designed for optimum safety and includes a proving device that won't allow the burner to engage without incoming air flow. Multiple units or additional controls are required for multiple appliance installations. Includes intake air hood, fan assembly, restrictor plate, reducer

Part No.	Usage	Max. Input	Price
CAS3	Any Oil Heating Appliance	2 GPH	Call
CAS4	Any 24V Gas Heating Appliance	280,000 BTUH	Call

VENT HOOD



Made of 24 gauge aluminized steel and can be used with natural gas, L.P. gas or fuel oil fired equipment. The concentric pipe, angled outlet deflectors and spaced plate design allow for better heat dissipation.

Part No.	Usage	Price
SWH14	4" Vent Hood	Call

DRAFT INDUCER



- Long horizontal vent runs
- Undersized flue pipes
- Short chimneys
- Outside exposed chimney
- Negative building pressures

For venting a single appliance, a draft inducer proving switch (DIP-1) is recommended. For multiple appliances, a control kit is required for operation.

Part No.	Input Range (BTUH)	Description	Price
DI1	69,000 to 136,000		Call
DI2	279,000 to 430,000		Call
DIP1		Proving Switch	Call

BAROMETRIC DRAFT CONTROL



Maintain consistent draft by counteracting the negative forces caused by changes in temperature and barometric pressure, and the effects of wind.

- Use with oil or coal residential or commercial appliances
- Can use with pipe size within 1" of control size, designed for settings from .02" to .08"

Part No.	Control Diameter (In.)	Price
RC-5	5	Call
RC6	6	77.02
RC7	7	94.73
RC8	8	131.14

BAROMETRIC DRAFT CONTROL, GAS



A double-acting control for gas fired furnaces and boilers is widely used for conversion burner installations, gas draft-induced appliance operation with mechanical draft inducers or sidewall power venters, and forced draft burners greater than 30' stack height.

- Effectively use with pipe size within 1" of control diameter. Adjustments from .01" to .1"

Part No.	Control Dia. (In.)	Price
MG15	5	Call
MG16	6	Call

AIR

CHIMNEY LINER

Z-Flex's specially designed "deep corrugations" provide for greater flexibility and ease of installation. Patented triple-lock mechanical joint.

10 year limited warranty.

ALUMINUM KIT



- For gas applications
- Includes: 2-ply aluminum liner, chimney flashing, rain cap, mortar collar, 3 screws.

Z-FLEX

Part No.	Tube Dia (In.)	Tube Length (Ft.)	Price
2GACKIT0325	3	25	141.66
2GACKIT0425	4	25	141.66
2GACKIT0525	5	25	171.83
2GACKIT05.525	5-1/2	25	Call
2GACKIT0625	6	25	195.44
2GACKIT0725	7	25	Call
2GACKIT0330	3	30	Call
2GACKIT0335	3	35	Call
2GACKIT0435	4	35	184.95
2GACKIT0535	5	35	208.56
2GACKIT05.535	5-1/2	35	Call
2GACKIT0635	6	35	250.53
2GACKIT0735	7	35	Call

STAINLESS STEEL KIT



- For pellet, oil and gas applications
- Includes: stainless steel liner, chimney flashing, rain cap, mortar collar, top support

Z-FLEX

Part No.	Tube Dia (In.)	Tube Length (Ft.)	Price
2OILKTX0625	6	25	697.12
2OILKTX0535	5	35	Call
2OILKTX0635	6	35	Call

B-VENT CONNECTOR, ALUMINUM



- For gas applications
- Connects B-Vent to Z-Flex liner

Z-FLEX

Part No.	Tube Dia (In.)	Price
2CNNBFC04	4	Call
2CNNBFC05	5	Call
2CNNBFC05.5	5-1/2	Call
2CNNBFC06	6	Call

LINER COUPLING



- For gas applications
- Used to attach 2 lenghts of pipe

Z-FLEX

Part No.	Tube Dia (In.)	Price
2CNNTRG04	4	8.70
2CNNTRG05	5	9.32

LINER EXTENSION, ALUMINUM



Used to extend a Z-Flex aluminum liner kit an additional 10 feet.
Kit includes: 10 foot section of 2 ply aluminum liner, 2 gear clamps, 1 liner coupling

Z-FLEX

Part No.	Tube Dia (In.)	Tube Length (Ft.)	Price
2GAEXT0610	3	10	Call

NOSE CONE



Z-FLEX

Part No.	Tube Dia (In.)	Price
2NCXXXX03	3	Call
2NCXXXX04	4	22.55
2NCXXXX05	5	23.93
2NCXXXX05.5	5-1/2	Call
2NCXXXX06	6	Call
2NCXXXX07	7	Call

OIL

OIL STORAGE

OIL TANK



Atlantic Tanks

Part No.	Capacity (Gal.)	Orientation	Dimensions (In.) H	W	L	Metal Thickness (Ga)	Ship Wgt. (Lbs.)	Price
27512H	275	Vertical	44	27	60	12	265	821.13

OIL

OIL STORAGE

FILL ALARM/TANK GAUGE



Combination fill alarm and tank gauge. Nitrophyl (buna-N derivative) float is compatible with most standard petroleum/hydrocarbon compounds.

Part No.	Tank Application	Connection Size (In.)		Ship Wgt. (Lbs.)	Price
		Bottom MPT	Top FPT		
OEM4523	Vertical	2	1-1/4	2.5	40.68
OEM4525	Vertical	2	1-1/2	2.5	Call
OEM4526	Vertical	2	2	3.25	47.88
OEM4530	Horizontal	2	1-1/4	2.5	40.68

TANK GAUGE



- For 26–27" horizontal tanks.

Part No.	Bushing Size (In.)	Ship Wgt. (Lbs.)	Price
OEM4503	1-1/2 & 2	1	26.40

MUSHROOM VENT CAP



These very popular mushroom style vent caps are made from cast iron and then galvanized. Each vent cap has a 30-mesh bronze or stainless steel fine screen, securely fitted in the vent cap to prevent debris from entering the vent pipe or tank.

Part No.	FPT Size (In.)	Price
OEM4023	1-1/4	10.92
OEM4024	1-1/2	13.32
OEM4025	2	18.84

DUPLEX BUSHING



Duplex slip-thru tank bushing for basement, above ground and underground installation. Bottom tapped for solid stub or suction line guide. Compression fittings.

Part No.	MPT Size (In.)	Tube Size (In.)	Price
OEM4447	2	3/8	16.92
OEM4448	2	1/2	17.76

FILL BOX, MPT



Use in kerosene drums and skid tanks. Locking hasp adds protection. Vented overlapping top keeps out moisture and water. Cast iron.

Part No.	MPT Size (In.)	Price
OEM4164	2	17.76

FILL BOX, HINGED



Vented grey iron fill box. Safe from interference when using the pad locking duck bill hasp feature. Overlapping cap keeps out moisture, dirt and water.

Part No.	FPT Size (In.)	Price
OEM4171	2	16.92

OIL ACCESSORIES

REFRACTORY TWISTED ROPE



Contains 15 to 25% organic carrier fiber to facilitate the carding process. Carrier fibers burn out at low temperatures with no effect on the ceramic fiber properties.

Part No.	Dia. (In.)	Length (Ft.)	Price
L9401	1/2	25	34.25
L9400	3/8	25	27.40
L9404	1/4	25	24.75
L9405	3/4	25	87.20

LYNN PRODUCTS



Soft ceramic fiber blanket strips commonly used as gasket material. Withstands 2300F. Packaged in master cartons of 6 strips. Bagged and labeled for individual re-sale.

Part No.	Dia. (In.)	Length (In.)	Price
L9500	1/2	150"	27.38

OIL FILTER SHELL



Fuel filter for oil fired heating appliances.

- Working pressure: 12 psi
- Connection size: 3/8" FPT

Part No.	Max. Firing Rate (GPH)	Price
1A25B	10	38.99
2A700B	25	63.99

OIL FILTER CARTRIDGE



1A-30 will fit: General 1A-25A, Unifilter 77, Sears 8055, Sid Harvey XF-25/264, Autoflo F-300, Eddington S-254 and Federal A-77.
2A-710 will fit: General 2A-700-A, Unifilter 99, Sid Harvey XF-1/265, Autoflo F-400 and Eddington S-252. 2A710

Part No.	Usage	Price
1A30	1A25A & Others	4.15
2A710	2A700A & Others	6.99
RF1	RH-1 micRoFiber Replacement Cartridges for 77B, 1A-25B, 1A-25A	3.71
RF2	RF-2 micRoFiber Replacement Cartridges for 99B, 2A-700B, 2A-700A	5.19
RF4	Fulflo B4, AS4, FB4	Call
92	Purolator PF2002	9.86

OIL

OIL BURNER

AIR TUBE, AF, AFG



Consult Beckett's cross-reference for proper application to specific model appliances.

Beckett

Part No.	Tube Length (In.)	Burner Head	Firing Rate (GPH)	Price
B10AF44	4-1/2	None	—	Call
AF44XN	4-1/2	F3	.75 to 1.25	63.32
B10AF53	5-3/8	None	—	Call
AF53XN	5-3/8	F3	.75 to 1.25	Call
AF65	6-5/8	None	—	51.94
AF65XR	6-5/8	F0	.40 to .75	Call
AF65XN	6-5/8	F3	.75 to 1.25	51.94
AF65XP	6-5/8	F22	1.65 to 2.50	Call
AF72	7-1/4	None	—	51.94
AF72XN	7-1/4	F3	.75 to 1.25	Call
AF90	9	None	—	51.94
AF90XN	9	F3	.75 to 1.25	51.94
AF90XP	9	F22	1.65 to 2.50	Call
B10AF104	10-1/2	None	—	Call
AF104XN	10-1/2	F3	.75 to 1.25	81.64
B10AF130	13	None	—	Call
AF130XN	13	F3	.75 to 1.25	Call
AF130XP	13	F22	1.65 to 2.50	Call
B10AF160	16	None	—	Call
AF160XN	16	F3	.75 to 1.25	Call

AIR TUBE, AFG ONLY



Beckett

Part No.	Tube Length (In.)	Burner Head	Firing Rate (GPH)	Price
AFG50MD	5	V1	.75 to 2.75	Call
AFG70MD	7	V1	.75 to 2.75	Call
AFG90MD	9	V1	.75 to 2.75	Call

PEDESTAL KIT



Beckett

Part No.	Description	Price
5685	Base Mount	14.10
5606	Extended Pedestal	49.36
5770	4 x 4 Mounting Box	6.38

FILTER RESTRICTOR INDICATOR (GAUGE)



- FRI (K) Vacuum Filter Restriction Indicator.
- Threads into the top of Gar-Ber filters to let you know if & when your filter needs to be changed.
- High readings indicate the filter cartridge needs to be replaced
- Copper alloy C-Shape Bourdon Tube
- Spring Suspended movement
- Mounts directly to General Adapter Head or at fuel unit
- 1-1/2: diameter dial
- 30" Hg Vacuum Filter Restriction Indicator
- 1/8" NPT male

Gar Ber

Part No.	Price
R	17.97
FRI. (GAR-BER)	Call

EPOXY-COATED SPIN-ON OIL REPL CARTRIDGE



Epoxy coated canister. Recommended on units with either single or double line systems firing up to 10 gph. Gar-Ger Residential Replacement Cartridge.

Features:

- Maximum Firing Rate: 10 gph
- Micron Removal: 10
- Filtering Area: 500 sq. in.
- Working Pressure: 15 psi
- Dimensions: H-5-1/2" W 3-3/4"

Gar Ber

Part No.	Max. Firing Rate (GPH)	Price
Part# R	10 gph	Call

EPOXY-COATED CAN REPLACEMENT CARTRIDGE



Commercial Replacement Cartridge Recommended on units with either single or double-line firing up to 35 gph.

Features:

- Maximum Firing Rate: 35gph
- Micron Removal: 35
- Filtering Area: 700 sq. in.
- Working Pressure: 15 psi
- Flow Rate: 90 gph
- Dimensions: H-7" W-3-3/4"

Gar Ber

Part No.	Max. Firing Rate (GPH)	Price
Part# M	35 gph	Call

SPIN-ON FUEL OIL FILTER



Standard Uinit with Galvanized Attaching Bracket. Machine Aluminum Head. 1/8" Vacuum/B;eed Port. #R Epoxy-Coated Disposable

Gar Ber

Part No.	Max. Firing Rate (GPH)	Price
11BV-R	10 gph	65.99

OIL BURNER

BURNER HEAD



Burner heads used with AF, AFG, SF and SR air tubes. Use "B10" burner head with AFG**MD air tube. Stainless steel heat shield; ceramic not included except where indicated Refer to cross reference for specific replacement applications

Beckett

Part No.	Usage	Firing Rate (GPH)	Price
F0	AF,AFG,SF,SR	.40 to .75	11.38
F3H	AF,AFG,SF,SR	.75 to 1.25	Call
F4H	AF,AFG,SF,SR	.85 to 1.35	Call
F6	AF,AFG,SF,SR	.85 to 1.65	11.38
F12H	AF,AFG,SF,SR	1.10 to 2.00	Call
F22H	AF,AFG,SF,SR	1.65 to 2.50	Call
F31H	AF,AFG,SF,SR	2.50 to 3.00	Call
B10L1	AFG(M)	.40 to 1.00	Call
B10V1	AFG(M)	.75 to 2.75	Call
51615	F0 requiring ceramic	.40 to .75	Call
51360	F3 requiring ceramic	.75 to 1.25	Call

IGNITION TRANSFORMER



- Universal gas and oil burner replacement units
- Iron core and electronic models
- Epoxy filled industrial models available
- 6, 8.5, 10, 12 and 14 kV models

DONGAN

Part No.	Description	Price
A06SA6	Universal Industrial 6,000 V	90.00
A08SA1	Universal Industrial 8,500 V	Call
A10LA22	120 Volt Primary, 10,000 Volt Secondary, 22 mA, 250 VA	Call
A10S32	Lennox Replacement	82.00
A10SV10	10 kV Baseless Replacement Transformer	79.50
A10SV35	10 kV Baseless Replacement Transformer	Call
LJH90A®	10 kV Universal Replacement Transformer	76.60
XDBK103	Beckett A, AF OEM Replacement	74.00
XDWN202	Wayne M, MH OEM Replacement	76.00
XDWN208	Wayne E OEM Replacement	76.00
51771U	RW Beckett	59.10

OIL BURNER ACCESSORIES

NOZZLE BOX



- Handles all brands of nozzle vials
- Made up of heavy-gauge steel with rugged hinges and snap-latch construction
- Finished in baked-on jet black enamel

DELAVAN

Part No.	Description	Nozzle Capacity	Price
268464	Nozzle Box, 5" x 3-5/8" x 12"	110	Call
268465	Nozzle Box, 5" x 1-3/4" x 12"	55	70.00

INSPECTION MIRROR



- Furnished with handles which telescope down to fit into a service technician's kit
- Cloth bag is provided to protect the mirror finish

DELAVAN

Part No.	Description	Price
33175	Mini 1 1/8 x 3"	43.20
33174	Mini Head Only	12.70
12269	Rectangular Head Only	3.93

NOZZLE WRENCH



- Passes through the small openings of the flame retention-disc. Just snap off the outer socket and use the inner socket alone to remove the nozzle.
- For wider openings, snap on the outer socket and use like a standard nozzle changer.

DELAVAN

Part No.	Description	Price
34478	2 in 1 Nozzle Changer	64.20

NOZZLE ADAPTOR



Used as a coupling between the nozzle and the oil line from the pump. The "Adaptrap" is a nozzle adapter that helps prevent afterdrip, drooling during the off period. Helps eliminate erratic spray and flame flutter on burner shut-off.

- Dimension: 1 3/8"L x 1/8" FPT
- Brass construction

DELAVAN

Part No.	Description	Price
287371	Standard Adaptor	5.90
372311	Adaptrap	Call

NOZZLE



Part No.	Available Pattern (*)	Flow Rate (GPH)	Spray Angle (°)	Price
4070B	B	0.40	70	9.22
5060(*)	A,B,W	0.50	60	8.68
5070(*)	A,B,W	0.50	70	8.68
5080(*)	A,B,W	0.50	80	8.68
5090(*)	A,B,W	0.50	90	8.68
5590W	W	0.55	90	7.04
6060(*)	A,B,W	0.60	60	7.92
6070(*)	A,B,W	0.60	70	8.68
6080(*)	A,B,W	0.60	80	8.68
6090(*)	A,B	0.60	90	7.92
6545B	B	0.65	45	7.92
6560(*)	A,B,W	0.65	60	7.92
6570(*)	A,B,W	0.65	70	8.68
6580(*)	A,B,W	0.65	80	8.68
6590(*)	A,B	0.65	90	8.68
7070(*)	A,B	0.70	70	7.92
7080(*)	A,W	0.70	80	8.68
7560(*)	A,B,W	0.75	60	8.68
7570(*)	A,B,W	0.75	70	8.68
7580(*)	A,B,W	0.75	80	8.68
7590(*)	A,B,W	0.75	90	7.92
8545B	B	0.85	45	5.96
8560(*)	A,B,W	0.85	60	8.68
8570(*)	A,B,W	0.85	70	8.68
8580(*)	A,B,W	0.85	80	8.68
8590(*)	A,B	0.85	90	7.92
9060(*)	A,B	0.90	60	7.92
9070(*)	A,B,W	0.90	70	7.92
9080(*)	A,B	0.90	80	7.92
9090(*)	A,B	0.90	90	7.92
10030B	B	1.00	30	8.68
10045B	B	1.00	45	8.68
10060(*)	A,B,W	1.00	60	8.68
10070(*)	A,B,W	1.00	70	8.68
10080(*)	A,B,W	1.00	80	8.68
10090(*)	A,B	1.00	90	8.68
11060(*)	A,B,W	1.10	60	8.68
11070(*)	A,B,W	1.10	70	8.68
11080(*)	A,B,W	1.10	80	8.68
11090(*)	A,B	1.10	90	8.68
12060(*)	A,B,W	1.20	60	8.68
12070(*)	A,B,W	1.20	70	8.68
12080(*)	A,B,W	1.20	80	8.68
12090(*)	A,B	1.20	90	8.68
12560(*)	A,B,W	1.25	60	8.68
12570(*)	A,B,W	1.25	70	8.68
12580(*)	A,B,W	1.25	80	8.68
12590(*)	A,B	1.25	90	8.68
13545A	A	1.35	45	5.96
13560(*)	A,B,W	1.35	60	8.68
13570(*)	A,B,W	1.35	70	8.68
13580(*)	A,B,W	1.35	80	8.68
13590(*)	A,B	1.35	90	8.68
15060(*)	A,B,W	1.50	60	8.68
15070(*)	A,B,W	1.50	70	8.68
15080(*)	A,B,W	1.50	80	8.68
15090(*)	A,B	1.50	90	8.68
16560(*)	A,B,W	1.65	60	8.68
16570(*)	A,B,W	1.65	70	8.68
16580(*)	A,B,W	1.65	80	8.68
16590(*)	A,B	1.65	90	8.68
17530A	A	1.75	30	8.68
17560(*)	A,B,W	1.75	60	8.68
17570(*)	A,B	1.75	70	8.68
17580(*)	A,B,W	1.75	80	8.68
17590(*)	A,B	1.75	90	8.68
20060(*)	A,B,W	2.00	60	8.68
20070(*)	A,B	2.00	70	8.68
20080(*)	A,B,W	2.00	80	8.68
20090A	A	2.00	90	8.68
22545B	B	2.25	45	5.96
22560B	B	2.25	60	5.96
22570(*)	A,B	2.25	70	8.68
22580(*)	A,B	2.25	80	8.68
22590(*)	A,B	2.25	90	8.68
25060(*)	A,B,W	2.50	60	8.68
25070(*)	A,B	2.50	70	8.68
25080(*)	A,B,W	2.50	80	8.68
25090(*)	A,B	2.50	90	8.68
27560(*)	A,W	2.75	60	8.68
27570(*)	A,B	2.75	70	8.68
27580(*)	A,B	2.75	80	8.68
27590(*)	A,B	2.75	90	8.68
30045A	A	3.00	45	5.96
30060(*)	B,W	3.00	60	8.68
30070(*)	A,B	3.00	70	8.68
30080(*)	A,B,W	3.00	80	8.68
30090A	A	3.00	90	Call
32560(*)	A,B	3.25	60	Call
32570(*)	A,B	3.25	70	Call
32580(*)	A,B	3.25	80	Call
32590(*)	A,B	3.25	90	Call
35030(*)	A,B	3.50	30	Call
35060(*)	A,B,W	3.50	60	Call
35070(*)	A,B	3.50	70	Call
35080(*)	A,B,W	3.50	80	13.66
35090A	A	3.50	90	Call
37560(*)	A,B	3.75	60	13.66
37570(*)	A,B	3.75	70	Call
37580(*)	A,B	3.75	80	13.66
37590(*)	A,B	3.75	90	Call
40060(*)	A,B	4.00	60	225.00
40070(*)	A,B	4.00	70	13.66
40080(*)	A,B	4.00	80	Call
40090(*)	A,B	4.00	90	Call
42560(*)	A,B	4.25	60	Call
42570(*)	A,B	4.25	70	7.72
42580(*)	A,B	4.25	80	7.72
42590(*)	A,B	4.25	90	7.72
45030B	B	4.50	30	13.66
45060(*)	A,B,W	4.50	60	13.66

OIL BURNER ACCESSORIES

NOZZLE

Part No.	Available Pattern (*)	Flow Rate (GPH)	Spray Angle (°)	Price
45070(*)	A,B	4.50	70	13.66
45080(*)	A,B,W	4.50	80	13.66
45090B	B	4.50	90	9.76
47560(*)	A,B	4.75	60	13.66
47570B	B	4.75	70	13.66
47580B	B	4.75	80	13.66
47590(*)	A,B	4.75	90	13.66
50030A	A	5.00	30	8.68
50060A	A	5.00	60	8.68
50070(*)	A,B	5.00	70	8.68
50080(*)	A,B	5.00	80	8.68
50090(*)	A,B	5.00	90	8.68
55080(*)	A,B	5.50	80	8.68
60030W	W	6.00	30	7.92
60060A	A	6.00	60	9.76
60080A	A	6.00	80	7.92
60090B	B	6.00	90	7.92
80080A	A	8.00	80	7.92
85080A	A	8.50	80	7.92
90080(*)	A,B	9.00	80	7.92
120080A	A	12.00	80	9.76
120090A	A	12.00	90	8.68
579MH	—	0.58	—	7.04

579MH: Mobile home nozzle

FUEL PUMP

SINGLE STAGE FLANGE MOUNT



- Single pipe installations to 6" Hg. vacuum
- Two-pipe installations to 12" Hg. vacuum
- Lift or gravity feed applications with 10 psi max. inlet/return pressure
- Suitable for No. 2, No. 1 fuel oil, or kerosene
- Mounting in any position
- Factory set at 100 psi
- Adj. range 100–150 psi at 3450 rpm, 100–135 psi at 1725 rpm
- Rotation and port location as viewed from shaft end
- Strainer and nozzle rating:
  A1V, A2V series: 3 GPH @ 100 psi
  A1Y series: 7 GPH @ 100 psi

Part No.	RPM	Rotation Shaft End	Nozzle Location	Price
A1YA7912	1,725	CW	Right	127.38
A1YC7914	1,725	CCW	Left	Call
A2VA7116	3,450	CW	Right	139.80

TWO STAGE FLANGE MOUNT



- Two pipe installations up to 17" Hg. vacuum
- Lift or gravity feed applications with 10 psi max. inlet/return pressure
- Factory set at 100 psi
- Press. adj. from 100–150 psi @ 3450 rpm, 100–135 psi @ 1725 rpm
- Suitable for No. 2, No. 1 fuel oil, or kerosene
- Mounting in any position except upside down
- Rotation and port location as viewed from shaft end and nozzle rating: 3 GPH @ 100 psi

Part No.	RPM	Rotation Shaft End	Nozzle Location	Price
B1VA8212	1,725	CW	Right	190.52

GAS

GAS ACCESSORIES

Dormont Specifications

- Tubing: Annealed, 304 stainless steel (ASTM A240)
- Approved for indoor and outdoor use
- 100% Factory leak tested
- Avoid repeated bending, flexing, or extreme vibration. Do not use on generators due to excessive vibration.
- Tube Diameter
  2031 Series: 3/8" ID 3031,
  3042 Series: 1/2" ID

Dormont meets the following codes

- ANSI Z21.24/CSA 6.10 - Connectors for Gas Appliances
- ANSI Z21.75/CSA 6.27 - Connectors for Outdoor Appliances and Manufactured Homes
- City of New York - MEA #376-92-M
- Approved by the Commonwealth of Massachusetts Board of State Examiners of Plumbers and Gas Fitters - connector length may not exceed 36".

CONNECTION 1/2" FPT X 1/2" FPT

Part No.	Length (In.)	Price
FGL12	12	10.88
FGL18	18	13.23
FGL24	24	15.18
FGL36	36	17.34
FGL48	48	22.09

CONNECTION 3/4" MPT X 3/4" FPT

Part No.	Length (In.)	Price
FGL7818	18	35.39
FGL7824	24	38.80
FGL7836	36	45.76

CONNECTION 1/2" MPT X 3/4" FPT BALL VALVE

Part No.	Length (In.)	Price
30314524	24	Call

GAS COCK



Part No.	Connection Size (In.)	Price
GC12	1/2" FPT	8.24
GC34	3/4" FPT	12.50

WATER

HYDRONIC SPECIALTY

Dormont Specifications

- Tubing: Annealed, 304 stainless steel (ASTM A240)
- Approved for indoor and outdoor use
- 100% Factory leak tested
- Avoid repeated bending, flexing, or extreme vibration. Do not use on generators due to excessive vibration.
- Tube Diameter 2031 Series: 3/8" ID 3031, 3042 Series: 1/2" ID

Dormont meets the following codes

- ANSI Z21.24/CSA 6.10 - Connectors for Gas Appliances
- ANSI Z21.75/CSA 6.27 - Connectors for Outdoor Appliances and Manufactured Homes
- City of New York - MEA #376-92-M
- Approved by the Commonwealth of Massachusetts Board of State Examiners of Plumbers and Gas Fitters - connector length may not exceed 36".

EXPANSION TANK



Honeywell Expansion Tanks absorb hot water expansion in closed heating systems. They are equipped with butyl diaphragms to separate the air from the system water. Pre-pressurized, the tank keeps fluids circulating and maintains minimum pressure.

- Butyl/EPDM diaphragm - 9 times better than natural rubber.
- Deep drawn steel tank.
- Factory pre-charged to 12 psig & 100% tested.

Part No.	Type	Tank/ Acceptance Volume (Gal.)	System Capacity (Gal.)	Dia. (In.)	Height (In.)	Price
TK300-15/U	100	2.0	1	8	12-5/8	Call
TK300-30/U	100	4.4	4.4	11	15-1/2	Call
TK300-60	100	7.6	7.6	11	23	226.07
TK300-90	100	14.0	11.5	15-3/8	21	295.67

BOILER TRIM KIT WITH AIR PURGER

Honeywell TK Series Boiler Trim kits include expansion tank, air purger and air vent; selected models include FM911 combination boiler fill valve/ backflow preventer and/or service check valves.

- Hazmat Information, UN 1956 Compressed gas, n.o.s. (air with up to 15% helium), 2.2
- Maximum Safe Operating Pressure – 100 psi
- Includes: TK300-30, AP401, FV180, SCV-0125, SCV-050, FM911
- Weight – 16.6 lb
- Operating Temperature Range – 240 F Maximum
- Connection Size Air Purger: 1-1/4 in.; Tank: 1/2 in.
- Volume – 4.4 gal
- Maximum Acceptance Volume – 2.5 gal
- Connection Type – Tank: Male NPT; Air Purger; Female NPT
- Diameter – 11 in
- Height – 15-1/2 in

Part No.	Tank Model	Purger Model	Line Size (In.)	Ship Wgt. (Lbs.)	Price
TK300-30A-1FM	TK300-30	FV180/AP400	1	16.6 lb	421.79
TK300-30A-2FM	TK300-30	FV180/AP401	1-1/4	16.6 lb	421.79

WATER

HYDRONIC SPECIALTY

AIR PURGE VALVE



Tapped 1/8" for automatic air vent and 1/2" for expansion tank

Honeywell
THE POWER OF CONNECTED

Part No.	Connection Size (In.)	Ship Wgt. (Lbs.)	Price
AP400	1	4.0	67.89
AP401	1-1/4	4.0	67.89
AP402	1-1/2	8.5	153.31

AIR VENT, MANUAL



Manual air vent with coin/screwdriver actuating slot.

- Maximum working pressure: 150 psig
- Maximum operating temperature: 240°F
- Low profile

Bell & Gossett®

Part No.	B & G Model	Connection MPT (In.)	Price
113055	4V	1/8	5.73

TEMPERATURE/PRESSURE RELIEF, 100XL SERIES



- T & P relief valves provide the least expensive and proven means for protection against both excessive temperature and pressure emergency conditions
- Fully automatic T & P relief protection for domestic hot water supply tanks and heaters based on the latest ANSI Z21.22 listing requirements for temperature discharge capacity
- Includes test lever
- Temperature setting: 210°F
- Connection: MPT inlet x FPT outlet

WATTS®

Part No.	Connection Size (In.)	Pressure Setting (psi)	Valve Height (In.)	Tank Insertion (In.)	AGA Capacity BTU/Hr.	Price
100XL150	3/4	150	3-1/2	3	100,000	Call

PRESSURE RELIEF VALVE, 740 SERIES



- For hot water heating boiler pressure protection
- Expanded outlet drain
- Offers greater discharge capacity than comparable competitive models
- Pressure setting: 30 psi
- Iron body construction

WATTS®

Part No.	Connection Size (In.)		Height (In.)	BTU Capacity (Lbs./Hr.)	Price
	Inlet	Outlet			
740	3/4	1	5 7/8	925,000	165.94
7401	1	1-1/4	7 1/4	1,300,000	Call
74011430	1-1/4	1-1/2	8 3/4	2,105,000	Call
740112	1-1/2	2	9 1/4	2,900,000	Call
7402	2	2-1/2	11 5/8	5,250,000	1464.39

PRESSURE RELIEF VALVE, 174A SERIES



- For hot water heating and supply boilers
- Pressure protection only
- 174A: Bronze body construction resists corrosive water conditions
- 374A: Iron body with forged bronze inlet
- Connection: FPT x FPT

WATTS®

Part No.	Connection Size (In.)	Pressure Setting (psi)	Height (In.)	BTU Capacity (Lbs./Hr.)	Price
374A	3/4	30	3-5/8	550,000	65.92
174A	3/4	30	5-1/8	650,000	Call
174A1	1	30	5-3/4	1,005,000	Call

AIR VENT, AUTOMATIC



Provides automatic air venting for hot or cold water distribution systems. Purges air that may be in the water system.

- Float is high temperature-resistant polyethylene.
- Suitable for use with glycol systems
- Maximum working temperature: 240°F
- Minimum working pressure: 1.45 psi
- Maximum working pressure: 150 psi

WATTS®

Part No.	Connection Size MPT (In.)	Price
FV414	1/4	Call

AIR VENT, AUTOMATIC



- MPT air vent for water systems
- Solid brass body and cover, high temperature polypropylene float

Honeywell
THE POWER OF CONNECTED

Part No.	Connection Size MPT(In.)	Price
FV180	1/8	Call

SUPERVENT™



Purges air through a no clog vent assembly that controls dirt and debris to minimize air vent fouling.

- 360 degree adjustable collar ring for installation flexibility.
- Stainless steel concentrator which eliminates gurgling noise.
- Bronze body for rigid construction.

Honeywell
THE POWER OF CONNECTED

Part No.	Connection		Flow (Cv)	Height (In.)	Price
	Size (In.)	Type			
PV075	3/4	FPT	13	6-29/32	Call
PV075S	3/4	Sweat	13	6-29/32	Call
PV100	1	FPT	22	6-1/2	Call
PV100S	1	Sweat	22	6-1/2	Call
PV125	1 1/4	FPT	38	7-27/32	Call
PV125S	1 1/4 nom.	Sweat	38	7-27/32	Call
PV150	1 1/2	FPT	50	9-5/32	Call
PV200	2	FPT	95	10-9/32	Call
PVU100	1	FPT	22	6-1/2	Call
PVU075	3/4	FPT	3.6	6-1/2	Call

WATER

HYDRONIC SPECIALTY

AIR VENT, LOW PRESSURE MAINS



- For use on hot or cold or glycol water mains and process applications with specific gravity greater than 0.7
- Tapped at top for 1/8" NPT safety drain connection
- Removable top
- Built-in check valve
- 1/2" NPT female and 3/4" NPT male straight shank
- Maximum operating pressure 75 psig (5.2 bar)*
- Maximum hydrostatic pressure 200 psig (13.8 bar)
- Maximum temperature 250°F (121°C)

Hoffman SPECIALTY

Part No.	Connection (In.) Size	Type	Price
79	1/2F (3/4M)	FPT x MPT	141.00

TEMPERATURE/PRESSURE RELIEF, 40 SERIES



Used in commercial water heater applications to provide automatic temperature & pressure protection to hot water supply tanks & hot water heaters.

Part No.	Connection Size (In.)	Valve Height (In.)	Tank Insertion (In.)	AGA Capacity BTU/Hr.	Price
40XL534125	3/4	5-5/8	5	1,218,000	177.65
40XL534150	3/4	5-5/8	5	1,218,000	157.16

ASME RELIEF VALVE



The diaphragm's "oversized" effective area generates a greater operating force which helps to overcome the effects of fouling. Valves feature a unique fail-safe disc with sufficient area to permit the valves to maintain their safety relief function in the event of a diaphragm rupture.

Bell & Gossett®

Part No.	B & G Model	Pressure (psig)	Connection FPT (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
110121	790-30	30	3/4	4-9/16	1.2	12.00
110129	1170-30	30	1	4-15/16	1.5	195.00

REDUCING/RELIEF VALVE



Combination of reducing valve and relief valve. 12 psig supply pressure and 30 psig relief.

- 110197 has fast fill feature
- Connection: 1/2" NPT
- Length: 6-7/16"
- Height: 5-3/8"

Bell & Gossett®

Part No.	B & G Model	Composition Relief	Composition Reducer	Ship Wgt. (Lbs.)	Price
110199	8	Iron	Brass	4.5	122.00
110197	F-3	Brass	Brass	3.75	148.00

REGULATOR/RELIEF ASSEMBLY



- Used on boiler feed lines to provide make up water to the system
- Maximum pressure: 100 psi
- Maximum temperature: 212°F
- Regulator set: 15 psi
- Adjustment range: 10–25 psi
- Combines features of 1156F and rugged iron body diaphragm relief valve (set to 30 psi)

WATTS®

Part No.	Connection Size, Nominal	Connection Type Inlet	Connection Type Outlet	Overall Length (In.)	Overall Height (In.)	Price
1450F12	1/2	FPT	FPT	6-1/2	5-3/8	Call
S1450F	1/2	Solder Union	FPT	7	5-3/8	Call

POPPET PRESSURE RELIEF



- Connection: MPT inlet x FPT outlet

WATTS®

Part No.	Connection Size (In.)	Pressure Setting (psi)	Height (In.)	Price
3L34	3/4	125	3-1/2	Call

FEED WATER REGULATOR



Includes a tight seating check valve, purge lever for manual purging, and a stainless steel strainer.

- Maximum Pressure: 100psi

WATTS®

Part No.	Connection Size (In.)	Connection Type Inlet	Connection Type Outlet	Length (In.)	Height (In.)	Price
N256	3/4	FPT	FPT	4	6-3/8	Call
1156F	1/2	FPT	FPT	3-1/2	5-3/8	Call
SB1156F12	1/2	Solder Union	FPT	4-1/8	5-3/8	Call

PRESSURE REDUCING VALVE



Protects heating and plumbing systems against excessive line pressures. Equipped with low inlet pressure check valve and removable strainer.

- Maximum flow: 5 1/2 to 6 GPM @ 125 psig inlet
- Brass construction
- 110192 is fast fill

Bell & Gossett®

Part No.	B & G Model	Pressure Setting (psig)	Adjustable Range (psig)	Connection (In.)	Connection Type	Height (In.)	Ship Wgt. (Lbs.)	Price
110190	B-38	12	10 to 25	1/2	FPT	4-13/16	1.75	63.00
110192	FB-38	25	10 to 25	1/2	NFT	4.81	-	67.00
110196	B7-12	12	10 to 25	3/4	FPT	4-31/32	2.25	116.00
110194	6	45	25 to 60	1/2	FPT	4-13/16	1.75	92.00
110195	7	45	25 to 60	3/4	FPT	4-31/32	2.25	104.00

HYDRONIC SPECIALTY

PRESSURE REGULATOR/BYPASS



For supply water pressures up to 300 lbs. Can be adjusted from 25 to 75 lbs. The standard setting is 50 lbs. The bypass feature incorporated into these valves accurately controls build-up of system pressure and thermal expansion by equalizing the system and supply pressure when relief setting is in excess of available supply main pressure.

- Maximum temperature: 160°F
- Bronze body
- Connection: FPT union inlet x FPT outlet

WATTS

Part No.	Connection Size (In.)	Adjustment Range (psi)	Factory Set (psi)	Overall Length (In.)	Overall Height (In.)	Price
25AUB12	1/2	25–75	50	5.50	5-1/8	Call
25AUB34	3/4	25–75	50	5.50	5-1/8	Call

STEAM PRESSURE REGULATOR



For autoclaves, steam tables/irons, vulcanizers and single radiators.

- Iron body
- Initial pressures up to 200 psi
- Connection: FPT x FPT

WATTS

Part No.	Connection Size (In.)	Pressure Range (psi)	Height (In.)	Price
152A11030	3/4	3 to 15	8-5/8	802.60

PRESSURE REGULATOR, 26 SERIES



For supply water pressures up to 300 lbs. Can be adjusted from 25 to 75 lbs. The standard setting is 50 lbs. The bypass feature incorporated into these valves accurately controls build-up of system pressure and thermal expansion by equalizing the system and supply pressure when relief setting is in excess of available supply main pressure.

- Maximum temperature: 160°F
- Bronze body
- Connection: FPT union inlet x FPT outlet

WATTS

Part No.	Description	Connection Size (In.)	Adjustment Range (psi)	Factory Set (psi)	Price
263A14B	3-Way	1/4	3–50	15	Call
26A3810125	2-Way	3/8	10–125	25	105.90

DIFFERENTIAL PRESSURE CONTROL VALVE



Used to eliminate excessive pump thread (pressure) when most radiator valves are closed due to reduced demand. The differential pressure regulator controls flow through a bypass line between supply and return sides of a hydronic specialty heating system. The control valve maintains a constant differential pressure between the two sides by allowing flow through the bypass whenever the difference between the supply and the return exceeds the setpoint.

- Provides silent, trouble-free service
- Easy installation; requires no electrical hookup
- Easy adjustment of pressure by turning regulating cap
- Built-in differential pressure indicator
- Brass valve body with thermoplastic and stainless steel parts
- Diaphragm of EPDM

Honeywell

Part No.	Connection (In.)	Adjustment Range (psi)	Height (In.)	Width (In.)	Price
D146M1032	3/4 Angle Type, FPT	0–17	6-1/4	3-3/8	451.00
D146M1040	1-1/4 Angle Type, FPT	0–17	8-1/2	4-1/4	677.60

BACKFLOW PREVENTER



A double check backflow preventer with an intermediate vacuum breaker designed to prevent the backflow of contaminated water into the potable water supply. Designed for the use on small supply lines, it protects against both backflow and back siphonage for continuous pressure applications. It is ideal for boiler feed lines, livestock drinking fountains, trailer park water hook-ups, laboratory equipment and numerous other applications. Suitable for either cold or hot water service, the BP900 is designed for non-continuous backflow temperatures up to 250°F (121°C) and working supply pressures up to 175 psi (1207 kPa).

- All bronze casting with brass connection.
- All working parts are stainless steel
- Stainless steel screen to protect seals.
- Approved by A.S.S.E. Standard 1012.

Honeywell

Part No.	Connection Size FPT (In.)	Length (In.)	Price
BP900	1/2	4-7/8	78.42
BP901	3/4	4-7/8	82.95

BACKFLOW PREVENTER



A backflow preventer specially made for low flow supply lines. Its purpose is to prevent the flow of polluted water back into the safe drinking water supply. Particularly recommended for residential boiler feed lines to prevent backflow when supply pressure falls below heating system pressure. Suitable for use under continuous pressure.

- Union end sweat connection, nominal
- Suitable for either hot or cold water service
- Bronze body construction with stainless steel working parts
- Suitable for working supply pressures up to 175 psi
- Emergency backflow temperatures up to 250°F
- Minimum pressure required: 25 psi

WATTS

Part No.	Connection Size (In.)	Length (In.)	Price
9DS12	1/2	2-17/32	Call
9DS34	3/4	2-3/4	Call
N938F	3/8	2-3/8	82.66

WATER

HYDRONIC SPECIALTY

BACKFLOW PREVENTER/FILL VALVE



Used on boiler supply feed lines to provide make-up water to the boiler and prevent backflow when supply pressure falls below system pressure. An assembly of Watts 9D backflow preventer and 1156F feed water pressure regulator.

- Connection: solder union x FPT
- Boiler fill valve set at 15 psi
- Max. pressure: 100 psi
- Max. temperature: 212°F
- Adjustable range: 10–25 psi

WATTS

Part No.	Connection Size (In.)	Overall (In.)	Height (In.)	Price
911S12	1/2	8-1/2	5-1/4	Call

FLOAT AND THERMOSTATIC STEAM TRAPS, H SERIES



- Feature Universal 4 - port tappings, (2 inlets, 2 outlets) that provide versatility to allow easy piping and system monitoring
- Stainless steel internal components
- Resistant to water hammer and corrosion
- Below condensate level seat design prevents steam leakage
- Rugged thermostatic element eliminates air binding
- Maximum body design pressure: 250 psig
- Maximum operating pressure 175 psig
- Maximum temperature: 406°F

Bell & Gossett

Part No.	Connection FPT (In.)	Length (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
404200	3/4	6-1/2	5-19/32	11.7	255.00
404220	1-1/4	6-1/2	5-19/32	11.7	5.60

VACUUM BREAKER



Designed to protect closed vessels and piping systems against collapse when the induced vacuum exceeds design conditions. When used on steam heating systems, the No. 26 vacuum breaker controls induced vacuum, permitting normal return of condensate to the boiler. Adjustable range: 1/4" to 20" (mercury).

- Maximum working pressure: 150 psig

Bell & Gossett

Part No.	B & G Model	Connection MPT (In.)	Price
113075	26	1/8	Call

FLOW BALANCER



An indicating flow meter and balancing device for measuring and balancing hydronic circuits. Installed in each circuit of a system, it permits simple balancing to meet design flow conditions.

- Capacity: 2 to 10 GPM
- Working pressure: 125 psig
- Maximum operating temperature: 250°F

Bell & Gossett

Part No.	Connection Size FPT (In.)	Length (In.)	Ship Wgt. (Lbs.)	Price
TB1	1	9-9/4	4	Call

FLOW CONTROL VALVE


SA114

For preventing gravity flow in forced hot water systems and to permit summer-winter operation of indirect water heaters.

Bell & Gossett

Part No.	Comments	Connection FPT (In.)	Length (In.)	Height (In.)	Wgt. (Lbs.)	Price
SA114	Straight	1-1/4	4	6-1/2	4	Call
SA112	Straight	1-1/2	5	7-1/4	8	Call
SA-2	Straight	2	6-7/8	7-1/2	12	Call
A212	Angle	2-1/2	7-1/4	7-5/8	20	Call

FLOW CONTROL VALVE, HYDROTROL™



Used to prevent over-heating of zones due to gravity flow in hydronic heating systems and will permit summer-winter operation of indirect water heater.

- Maximum working pressure: 150 psi
- Maximum operating temperature: 250°F
- Valve can be installed to discharge in any direction

Bell & Gossett

Part No.	Connection FPT (In.)	Length (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
HT34	3/4	3	3-3/6	1.3	Call

VACUUM BREAKER


288A38

- Vacuum breakers are designed to protect against the back-siphonage of contaminated water into the potable water supply
- For health hazard cross-connections not subject to continuous pressure
- Install 6" above highest downstream point of water
- Maximum temperature 180°F at 125 psi working pressure
- Connection: FPT x FPT
- Plain brass finish

WATTS

Part No.	Connection Size (In.)	Price
288A38	3/8	Call
288A12	1/2	Call

TEMPERING VALVE



Hot water extender tempering valves for residential installations, mixes cold and hot water to extend capacity of water heater, storage tanks And hot water boiler tankless heaters.

- Temperature range: 120°F–160°F
- Connection: solder

WATTS

Part No.	Connection Size Nominal (In.)	Temperature Range (°F)	Overall Length (In.)	Price
70A12	1/2	120–160	3-3/4	Call
L70A	3/4	100–130	4-1/8	Call

WATER

HYDRONIC SPECIALTY

SILENT CHECK VALVE



- Bronze construction
- Teflon seat and brass disc
- Install in a horizontal or vertical position
- Pressure rating: 15 psi steam; 400 psi WOG
- Connection: FPT x FPT

WATTS

Part No.	Connection Size (In.)	Price
60034	3/4	Call
6001	1	5.60

TEMPERING VALVE



Accurately adjusts, maintains and limits hot water temp to a desired setting. Offers scalding protection and bacteria growth control.

- Dual purpose mixing or diverting valves.
- Constant water temp under changing operating conditions.
- Flow reduction in seconds if cold water supply is interrupted
- Maximum pressure 150 psi (1034 kPa)
- Maximum temperature 212°F (100°C).
- Designed for easy maintenance and element replacement. Teflon® coated to prevent mineral build-up and extend life.
- Union STD & C Models include check valves (hot/cold ports)

Honeywell

Part No.	Connection Size Nom. (In.)	Connection Type	Temperature Range (°F)	Price
AM100US1	1/2	Union sweat	100 to 145	Call
AM101US1	3/4	Union sweat	100 to 145	218.31

DIRECTCONNECT™ THERMOSTATIC VALVE KIT



- Excellent temperature stability and control
- Minimizes scalding risk
- Mixing valve and cold water tee connect directly to water heater; flexible stainless steel connector joins cold water tee directly to the cold inlet port of the mixing valve
- Fits virtually all water heaters up to 1"
- Constant water temperature under different operating conditions
- Proportional valve
- Flow reduction in seconds if cold water supply is interrupted
- Temperature adjustable with easy "Push-Twist-Release" locking hand wheel design
- Operating temperature: 100° to 212°F (hot water inlet), 33° to 80°F (cold water inlet)
- Maximum pressure: 150 psi
- Valve capacity: 2.1 Cv

Part No.	Pipe Size (In.)	Connection Type	Description	Price
AMX300	3/4	Cold Inlet - 7/8"-14 SAE J513, 45° flare fitting	ASSE 1017 Mixing Valve (Included with AMX300T and AMX302T)	Call
AMX300T	1/2	Hot Inlet - Female NPT	Kit with 3/4" ASSE 1017 mixing valve, 3/4" cold water tee, and 8" SS flex connector	Call
AMX302T	1	Hot Inlet - Female NPT	Kit with 3/4" ASSE 1017 mixing valve, 3/4" cold water tee, 11" SS flex connector	Call

2-WAY FLOW CHECK



For forced hot water heating systems to provide positive gravity shut-off when circulator is not running. One connection can be used for the installation of an expansion tank when installed at angle check.

- Maximum pressure: 50 psi
- Connection: FPT

WATTS

Part No.	Connection Size, Nominal (In.)	Price
200034F	3/4	Call
20001F	1	Call
2000114F	1-1/4	Call

TEST PLUG



Used on various applications of gas, air, or chemicals up to 500 psi. Temperature and pressure probe inserts into the test plug for test readings. No need to leave costly gauges in the supply line.

- Connection: MPT
- Neoprene seal for natural gas and petroleum products
- Temperature range: 40°F to 200°F

WATTS

Part No.	Plug Size (In.)	Price
TPN14	1/4	Call
TPN12	1/2	Call

TEST PLUG



Allows for quick, efficient and accurate testing of hydronic pipe lines throughout HVAC systems. Consistently rated at 1000 psi. The self-sealing core insures long life and continuous service.

- Brass body and cap
- Neoprene (red cap) for natural gas
- Connection: MPT

WEISS INSTRUMENTS

Part No.	Plug Size (In.)	Price
BP25NP	1/4	Call

DIELECTRIC UNION



Supplied with GA gaskets suitable for water, air, oil, natural gas, gasoline, propane, kerosene, mineral oil and alkalies.

- Protects against destructive effect of galvanic and stray current corrosion
- For residential, commercial and industrial applications
- Connection: FPT x solder

MUELLER INDUSTRIES WATTS

Part No.	Connection Size, Nominal (In.)	Overall Length (In.)	Price
M168-003	1/2	1-7/8	3.68
M168-004	3/4	2-1/8	4.69
M168-005	1	2-1/2	7.63
M168-006NL	1-1/4	3	12.60
M168-008	2	3-1/2	28.96

WATER

HYDRONIC SPECIALTY

RADIATOR KEY



NATIONAL REFRIGERATION PRODUCTS

Part No.	Price
NRVK	3.58

WATER FEEDER

ELECTROMECHANICAL



A low-cost, efficient, and reliable electromechanical water feeder designed to maintain a minimum operating level in small steam boilers as controlled by the low water cut-off. Adding water on demand automatically, the 101A keeps the boiler operating during periods when the cut-off might otherwise stop the burner, providing an extra precaution against overheating should the fuel regulators fail. This electric water feeder is intended to provide automatic fill on small, low pressure steam boilers in residential and light commercial applications.

- Max. water pressure: 150 lbs.
- Max. steam pressure: 25 lbs.
- Max. boiler size: 5000 sq. ft.
- Connection: 1/2" FPT

McDonnell & Miller

Part No.	Voltage (Vac)	Usage	Price
101A24	24	Gas Boiler	570.00
101A120	120	Oil Boiler	435.00

ELECTRONIC/MECHANICAL



These water feeders use modern electronic circuitry in conjunction with a solenoid valve to maintain a minimum operating level in low pressure steam boilers. Designed to compliment the new McDonnell &Miller PS 800 Series probe type low water cut-offs. Supplies 2 GPM

- Connection: 3/8" FPT
- Max. boiler size: 500,000 BTUH
- Max. water pressure: 150 psi
- Max. boiler pressure: 15 psi
- Max. water temperature: 175°F

McDonnell & Miller

Part No.	Voltage (Vac)	Price
WFU224	24	Call
WFU2120	120	Call

MECHANICAL

51 Series



Maintains predetermined water levels and provides low water control. Designed to provide control for boilers above 5000 sq. ft. capacity

- Connection: 3/4" FPT
- Max. boiler pressure: 35 psi
- Max. supply water pressure: 150 psi
- Use with #2 switch for low water cut-off

McDonnell & Miller

Part No.	Description	Price
51	Water Feeder, >5000 Sq. Ft.	1000.00

247 Series



For small steam and hot water boilers with high supply needs.

- Hydraulically activated switch
- Automatically adds water when boiler level drops below minimum operating level.
- Max. boiler pressure: 30 psi
- Max. supply water pressure: 150 psi
- Connection: 1" FPT
- Use with #2 switch for low water cut-off

McDonnell & Miller

Part No.	Description	Price
247	Water Feeder	Call

CUT-OFF SWITCH



Used to add electrical low water cut-off to mechanical water feeder. Has high voltage terminals for low water cut-off and for low water alarm.

- Use with model 47, 247, 51, 52, 53
- Contact rating: 5.1 F.L. amps @ 240 Vac

McDonnell & Miller

Part No.	Reset	Price
2	Automatic	155.00



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TUBE, INSULATION, FITTINGS

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COPPER TUBING

REFRIGERATION SERVICE

TYPE ACR



Copper tube pressurized with nitrogen provides maximum protection against the formation of harmful oxides generated during brazing operations. "ACR" tube used in the Refrigeration & Air Conditioning Industry is "L" type tube that is cleaned and capped and specified by the OD.

"ACR" type seamless copper tubing is available cleaned, capped and charged with nitrogen in sizes 3/8" OD thru 3 1/8" OD. Available cleaned, capped, but not charged to 4 1/8" OD. 20' length standard.

Part No.	OD Size (In.)	Wall Thickness (In.)	Wt./Ft. (Lbs.)	Price/Ft.
CTC14*	1/4	0.025	0.0685	2.70
CTACR3810	3/8	0.030	0.1260	2.08
CTACR3820	3/8	0.030	0.1260	2.08
CTACR1210	1/2	0.035	0.1980	3.17
CTACR1220	1/2	0.035	0.1980	3.17
CTACR5810	5/8	0.040	0.2850	3.95
CTACR5820	5/8	0.040	0.2850	3.95
CTACR3410	3/4	0.042	0.3620	5.44
CTACR3420	3/4	0.042	0.3620	5.44
CTACR7810	7/8	0.045	0.4550	6.44
CTACR7820	7/8	0.045	0.4550	6.44
CTACR11810	1-1/8	0.050	0.6550	9.05
CTACR11820	1-1/8	0.050	0.6550	9.05
CTACR13810	1-3/8	0.055	0.8840	12.13
CTACR13820	1-3/8	0.055	0.8840	12.13
CTACR15810	1-5/8	0.060	1.1400	16.04
CTACR15820	1-5/8	0.060	1.1400	16.04
CTACR21820	2-1/8	0.070	1.7500	24.45
CTACR25820	2-5/8	0.080	2.4800	35.29
CTACR31820	3-1/8	0.090	3.3300	46.99
CTACR35820	3-5/8	0.100	4.2900	65.48
CTACR41820	4-1/8	0.110	5.3800	85.88
CTACR51820	1-5/8	0.125	7.61	191.75

*Not cleaned and capped.

(Call) Please contact your local Aireco Branch for pricing.

WATER SERVICE

TYPE L



"L" type tube is used in the Plumbing Industry for water service and is specified by its nominal ID dimension.

Part No.	Nom. ID Size (In.)	OD Size (In.)	Wall Thickness (In.)	Wt./Ft. (Lbs.)	Price/Ft.
CTL5820	1/2	5/8	0.040	0.285	3.27
CTL7820	3/4	7/8	0.045	0.455	5.30
CTL11820	1	1-1/8	0.050	0.655	7.77
CTL15820	1-1/2	1-5/8	0.055	0.884	13.76
CTL21820	2	2-1/8	0.060	1.140	21.56

(Call) Please contact your local Aireco Branch for pricing.

COPPER TUBING

WATER SERVICE

TYPE K



"K" type copper, traditionally used in underground service, is heavier walled than "L" tube. It is used in underground water service and oxygen service. It could be specified by OD or ID. So, please specify exact dimension. Cleaned for oxygen service to ASTM B819 specifications. 20' length standard.

Part No.	OD Size (In.)	Nom. ID Size (In.)	Wall Thickness (In.)	Wt./Ft. (Lbs.)	Price/Ft.
CTK38	3/8	1/4	0.035	0.145	1.62
CTK58	5/8	1/2	0.049	0.344	3.37
CTK78	7/8	3/4	0.065	0.641	6.19

(Call) Please contact your local Aireco Branch for pricing.

TYPE M



"M" type copper, is thin walled, low cost tube that is used in water service and drain. It is specified by nominal ID.

Part No.	Nom. ID Size (In.)	OD Size (In.)	Wall Thickness (In.)	Wt./Ft. (Lbs.)	Price/Ft.
CTM58	1/2	5/8	0.028	0.204	2.39
CTM34	5/8	3/4	0.030	0.263	3.60
CTM78	3/4	7/8	0.032	0.328	3.89
CTM118	1	1-1/8	0.035	0.465	6.06
CTM138	1-1/4	1-3/8	0.042	0.682	8.80
CTM158	1-1/2	1-5/8	0.049	0.940	12.14
CTM218	2	2-1/8	0.058	1.460	19.16
CTM258	2-1/2	2-5/8	0.065	2.030	27.78
CTM318	3	3-1/8	0.072	2.680	36.91
CTM418	4	4-1/8	0.095	4.660	69.12

(Call) Please contact your local Aireco Branch for pricing.

COPPER TUBING

REFRIGERATION SERVICE



Refrigeration service tube is dehydrated and nitrogen purged sealed copper tube of a consistent fully annealed temper. Tube is manufactured in accordance with ASTM B 280 and ANSI B9.1, refrigeration industry standards.

Part No.	OD Size (In.)	Wall Thickness (In.)	Length (Ft.)	Wt./Coil	Price
CTREF18	1/8	0.030	50	1.74	45.68
CTREF316	3/16	0.030	50	2.88	53.40
CTREF1410	3/16	0.030	10	2.88	10.22
CTREF1430	1/4	0.030	30	2.41	28.94
CTREF14	1/4	0.030	50	4.02	61.41
CTREF51610	1/4	0.030	10	4.02	13.72
CTREF516	5/16	0.032	50	5.45	82.48
CTREF3830	3/8	0.032	30	4.02	42.10
CTREF38	3/8	0.032	50	6.70	86.82
CTREF38100	3/8	0.032	100	13.40	184.11
CTREF1230	1/2	0.032	30	5.46	58.18
CTREF12	1/2	0.032	50	9.10	123.51
CTREF12100	1/2	0.032	100	18.20	254.46
CTREF5830	5/8	0.035	30	7.53	77.92
CTREF58	5/8	0.035	50	12.55	165.28
CTREF58100	5/8	0.035	100	25.10	340.55
CTREF3430	3/4	0.035	30	9.15	93.70
CTREF34	3/4	0.035	50	15.25	193.14
CTREF7830	7/8	0.045	30	13.65	139.80
CTREF78	7/8	0.045	50	22.75	288.16
CTREF78100	7/8	0.045	100	45.50	611.16
CTREF118	1-1/8	0.050	50	32.75	427.03
CTREF118100	1-1/8	0.050	100	65.50	879.69
CTREF138	1-3/8	0.055	50	44.20	739.11
CTREF138100	1-3/8	0.055	100	88.40	1522.58
CTREF158	1-5/8	0.060	50	57.00	938.33
CTREF158100	1-5/8	0.060	100	114.00	Call

(Call) Please contact your local Aireco Branch for pricing.

PREINSULATED LINE SET



- Includes insulated suction line and non-insulated liquid line.
- Insulation wall thickness 3/8"

Part No.	Line OD (In.) Liquid	Line OD (In.) Suction	Wall Thickness (In.)	Length (Ft.)	Price
LINESET25	3/8	3/4	3/8	25	109.14
LINESET35	3/8	3/4	3/8	35	146.79
LINESET50	3/8	3/4	3/8	50	197.59
78LINESET25	3/8	7/8	3/8	25	141.53
78LINESET35	3/8	7/8	3/8	35	190.35
78LINESET50	3/8	7/8	3/8	50	256.24
118LINESET50	3/8	1 1/8	3/8	50	344.93

(Call) Please contact your local Aireco Branch for pricing.

MINI-SPLIT LINE SETS



- Includes insulated suction line and insulated liquid line.
- Insulation wall thickness 3/8"

Part No.	Line OD (In.) Liquid	Line OD (In.) Suction	Wall Thickness (In.)	Length (Ft.)	Price
LS14383825	1/4	3/8	3/8	25	106.49
LS14383835	1/4	3/8	3/8	35	132.59
LS14383850	1/4	3/8	3/8	50	181.65
LS14123825	1/4	1/2	3/8	25	111.79
LS14123850	1/4	1/2	3/8	50	189.44
LS14583825	1/4	5/8	3/8	25	133.01
LS14583850	1/4	5/8	3/8	50	215.63
LS38583825	3/8	5/8	3/8	25	130.79
LS38583850	3/8	5/8	3/8	50	217.52

(Call) Please contact your local Aireco Branch for pricing.

PREINSULATED COPPER ROLL



Part No.	Tubing OD Size	Insulation Wall Thickness	Length (Ft.)	Price
PDM1412	1/4	1/2	50	267.59
PDM1412164	1/4	1/2	164	853.14
PDM3812	3/8	1/2	50	377.47
PDM3812164	3/8	1/2	164	1206.84
PDM1212	1/2	1/2	50	479.88
PDM1212164	1/2	1/2	164	1560.54
PDM5812	5/8	1/2	50	606.61
PDM5812164	5/8	1/2	164	1945.03
PDM3412	3/4	1/2	50	760.98
PDM7812	7/8	1/2	50	1086.92
PDM1201	1/2	1	50	709.58
PDM1234	1/2	3/4	50	657.38
PDM1401	1/4	1	50	412.67
PDM1434	1/4	3/4	50	376.69
PDM3801	3/8	1	50	565.54
PDM3834	3/8	3/4	50	520.30
PDM5801	5/8	1	50	880.27
PDM5834	5/8	3/4	50	813.47

(Call) Please contact your local Aireco Branch for pricing.

TUBING INSULATION

EXPANDED ELASTOMER



A flexible elastomeric thermal insulation, supplied in cylindrical lengths in nominal wall thicknesses of 3/8", 1/2", 3/4", and 1". The expanded closed-cell structure of pipe insulation makes it an efficient insulator, effectively retards the flow of moisture vapor and is considered a low transmittance vapor retarder. This insulation consistently provides actual values on these key performance criteria for mechanical system insulation: thermal conductivity: approx. 0.27; water vapor transmission: approx. 0.10.

Pipe insulation, in 3/8", 1/2", 3/4", and 1" thicknesses has a flamespread rating of 25 or less and a smoke-developed rating of 50 or less as tested by ASTM E 84-91A, "Methods of Test for Surface Burning Characteristics of Building Materials." Used to retard heat gain and control condensation drip from coldwater plumbing, chilled-water, and refrigeration lines. It also efficiently reduces heat flow for hot-water plumbing and liquidheating and dual-temperature piping. The recommended temperature usage range -70°F to +220°F (-57°C to 105°C)

- Copper tubing and iron pipe sizes are recommended fit
- Sold in 6 foot lengths; priced per foot

		Line Temperature			
		50°F	32°F	0°F	-20°F
Design Conditions	Tubing Size (In.)	Insulation Thickness - Nominal (In.)			
Normal	3/8 to 1-1/8 ID	3/8	1/2	3/4	1
89°F, 70% RH max	1-1/8 to 2-1/8 ID	3/8	1/2	1	1
	2-1/8 to 2-5/8 ID	3/8	1/2	1	1-1/4
	2-5/8 ID to 5 IPS	1/2	3/4	1	1-1/4
Mild	3/8 to 2-5/8 ID	3/8	3/8	1/2	3/4
80°F, 50% RH max	2-5/8 ID to 5 IPS	1/2	1/2	1/2	3/4
Severe	3/8 to 1-5/8 ID	3/4	1	1-1/2	1-1/2
90°F, 80% RH max	1-5/8 ID to 3 IPS	3/4	1	1-1/2	1-3/4
	3 IPS to 5 IPS	3/4	1	1-1/2	2

Normal: Indoor conditions in the United States seldom exceed these conditions.

Mild: Most air conditioned spaces and arid climates.

Severe: Excessive moisture introduced or poorly ventilated confined areas below ambient.

Thickness over 1" achieved by layering.

UNSLIT 1/4" WALL

		Copper Tubing			
Part No.	Insulation ID (In.)	Nom. Size (In.)	OD Size (In.)	Iron Pipe (In.)	Price/Ft.
T3814P	3/8	1/4	3/8	—	0.30

UNSLIT 3/8" WALL

		Copper Tubing			
Part No.	Insulation ID (In.)	Nom. Size (In.)	OD Size (In.)	Iron Pipe (In.)	Price/Ft.
T1438P	1/4	1/8	1/4	—	0.55
T3838P	3/8	1/4	3/8	—	0.58
T1238P	1/2	3/8	1/2	1/4	0.62
T5838P	5/8	1/2	5/8	3/8	0.71
T3438P	3/4	5/8	3/4	—	0.76
T7838P	7/8	3/4	7/8	1/2	0.80
T11838P	1-1/8	1	1-1/8	3/4	0.91
TI-13838P	1-3/8	1-1/4	1-3/8	1	1.03
T15838P	1-5/8	1-1/2	1-5/8	1-1/4	1.28
T21838P	2-1/8	2	2-1/8	—	1.69
TI-25838P	2-5/8	2-1/2	2-5/8	—	2.39
T31838P	3-1/8	3	3-1/8	—	2.83

TUBING INSULATION

EXPANDED ELASTOMER

UNSLIT 1/2" WALL

Part No.	Insulation ID (In.)	Copper Tubing		Iron Pipe (In.)	Price/Ft.
		Nom. Size (In.)	OD Size (In.)		
T1412P	1/4	1/8	1/4	—	0.82
T3812P	3/8	1/4	3/8	—	0.89
T1212P	1/2	3/8	1/2	1/4	0.95
T5812P	5/8	1/2	5/8	3/8	1.05
T3412P	3/4	5/8	3/4	—	1.08
T7812P	7/8	3/4	7/8	1/2	1.17
T11812P	1-1/8	1	1-1/8	3/4	1.31
T13812P	1-3/8	1-1/4	1-3/8	1	1.44
T15812P	1-5/8	1-1/2	1-5/8	1-1/4	1.68
T21812P	2-1/8	2	2-1/8	—	2.18
T25812P	2-5/8	2-1/2	2-5/8	—	3.04
T31812P	3-1/8	3	3-1/8	—	3.59
T35812P	3-5/8	3-1/2	3-5/8	3	4.80
T41812P	4-1/8	4	4-1/8	3-1/2	5.31

UNSLIT 3/4" WALL

Part No.	Insulation ID (In.)	Copper Tubing		Iron Pipe (In.)	Price/Ft.
		Nom. Size (In.)	OD Size (In.)		
T3834P	3/8	1/4	3/8	—	1.34
T1234P	1/2	3/8	1/2	1/4	1.48
T5834P	5/8	1/2	5/8	3/8	1.62
T3434P	3/4	5/8	3/4	—	1.77
T7834P	7/8	3/4	7/8	1/2	1.93
T11834P	1-1/8	1	1-1/8	3/4	2.37
T13834P	1-3/8	1-1/4	1-3/8	1	2.70
T15834P	1-5/8	1-1/2	1-5/8	1-1/4	3.63
T21834P	2-1/8	2	2-1/8	—	4.50
TI-25834P	2-5/8	2-1/2	2-5/8	—	5.67
T31834P	3-1/8	3	3-1/8	—	6.60
TI-41834P	4-1/8	4	4-1/8	3-1/2	8.78

UNSLIT 1" WALL

Part No.	Insulation ID (In.)	Copper Tubing		Iron Pipe (In.)	Price/Ft.
		Nom. Size (In.)	OD Size (In.)		
T121P	1/2	3/8	1/2	1/4	2.81
T581P	5/8	1/2	5/8	3/8	3.03
T341P	3/4	5/8	3/4	—	3.36
T781P	7/8	3/4	7/8	1/2	3.76
T1181P	1-1/8	1	1-1/8	3/4	4.57
T1381P	1-3/8	1-1/4	1-3/8	1	5.32
T1581P	1-5/8	1-1/2	1-5/8	1-1/4	6.01
T2181P	2-1/8	2	2-1/8	—	7.40
T2581P	2-5/8	2-1/2	2-5/8	—	10.55
T3181P	3-1/8	3	3-1/8	—	12.78
TI-3581P	3-5/8	3-1/2	3-5/8	3	13.97
T4181P	4-1/8	4	4-1/8	3-1/2	16.49

UNSLIT 1/2" WALL WHITE



Part No.	Insulation ID (In.)	Copper Tubing		Iron Pipe (In.)	Price/Ft.
		Nom. Size (In.)	OD Size (In.)		
WTT1212	1/2	3/8	1/2	1/4	1.03
WTT5812	5/8	1/2	5/8	3/8	1.14
WTT3412	3/4	5/8	3/4	—	1.17
WTT7812	7/8	3/4	7/8	1/2	1.26
WTT11812	1-1/8	1	1-1/8	3/4	1.42
WTT13812	1-3/8	1-1/4	1-3/8	1	1.56
WTT15812	1-5/8	1-1/2	1-5/8	1-1/4	1.81
WTT21812	2-1/8	2	2-1/8	—	2.36
WTT25812	2-5/8	2-1/2	2-5/8	—	3.28

UNSLIT 3/4" WALL WHITE

Part No.	Insulation ID (In.)	Copper Tubing		Iron Pipe (In.)	Price/Ft.
		Nom. Size (In.)	OD Size (In.)		
WTT5834	5/8	1/2	5/8	3/8	1.75
WTT7834	7/8	3/4	7/8	1/2	2.09
WTT11834	1-1/8	1	1-1/8	3/4	2.56
WTT13834	1-3/8	1-1/4	1-3/8	1	2.92
WTT15834	1-5/8	1-1/2	1-5/8	1-1/4	3.92
WTT21834	2-1/8	2	2-1/8	—	4.86

UNSLIT 1" WALL WHITE

Part No.	Insulation ID (In.)	Copper Tubing		Iron Pipe (In.)	Price/Ft.
		Nom. Size (In.)	OD Size (In.)		
WTT07810	7/8	3/4	7/8	1/2	4.07

PRE-SLIT 3/8" WALL, SELF SEAL



Part No.	Insulation ID (In.)	Copper Tubing		Iron Pipe (In.)	Price/Ft.
		Nom. Size (In.)	OD Size (In.)		
LST05838	5/8	1/2	5/8	3/8	Call
LST03438	3/4	5/8	3/4	—	Call
LST07838	7/8	3/4	7/8	1/2	Call
LST011838	1-1/8	1	1-1/8	3/4	Call

PRE-SLIT 1/2" WALL, SELF SEAL

Part No.	Insulation ID (In.)	Copper Tubing		Iron Pipe (In.)	Price/Ft.
		Nom. Size (In.)	OD Size (In.)		
TI-LST05812	5/8	1/2	5/8	3/8	1.67
TI-LST03412	3/4	5/8	3/4	—	1.87
TI-LST07812	7/8	3/4	7/8	1/2	2.03
TI-LST11812	1-1/8	1	1-1/8	3/4	2.28
TI-LST13812	1-3/8	1-1/4	1-3/8	1	2.59
TI-LST15812	1-5/8	1-1/2	1-5/8	1-1/4	2.85
TI-LST21812	2-1/8	2	2-1/8	—	3.44
TI-LST25812	2-5/8	2-1/2	2-5/8	—	5.19

TUBING INSULATION

EXPANDED ELASTOMER

K-FIT™ ELASTOMERIC FITTING

- Applications ranging from -297°F to 220°F

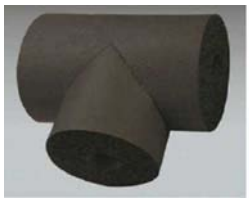
K-FIT™, 90 DEGREE ELBOW, BLACK



K-FLEX USA INNOVATION IN INSULATION

Part No.	Wall Thickness (In.)	Insulation ID (In.)	Price
801LRE048068	1/2	3/4	6.27
801LRE048078	1/2	7/8	6.43
801LRE048118	1/2	1-1/8	6.71
801LRE068068	3/4	3/4	Call
801LRE068078	3/4	7/8	Call
801LRE068118	3/4	1-1/8	Call
801LRE068138	3/4	1-3/8	Call
801LRE068158	3/4	1-5/8	Call
801LRE068218	3/4	2-1/8	Call
801LRE100038	1	3/8	8.07
801LRE100048	1	1/2	8.37
801LRE100058	1	5/8	8.58
801LRE100068	1	3/4	9.21
801LRE100078	1	7/8	9.98
801LRE100118	1	1-1/8	Call
801LRE100138	1	1-3/8	Call
801LRE100158	1	1-5/8	Call
801LRE100218	1	2-1/8	Call
801LRE148058	1-1/2	5/8	Call
801LRE148068	1-1/2	3/4	Call
801LRE148078	1-1/2	7/8	Call
801LRE148118	1-1/2	1-1/8	Call
801LRE148138	1-1/2	1-3/8	Call
801LRE148158	1-1/2	1-5/8	Call
801LRE148218	1-1/2	2-1/8	Call

K-FIT™, TEE, BLACK

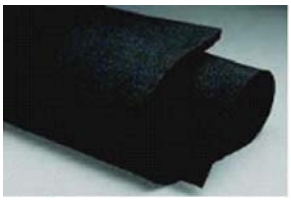


K-FLEX USA INNOVATION IN INSULATION

Part No.	Wall Thickness (In.)	Insulation ID (In.)	Price
801T048068	1/2	3/4	Call
801T048118	1/2	1-1/8	Call
801T068078	3/4	7/8	Call
801T068118	3/4	1-1/8	Call
801T068138	3/4	1-3/8	Call
801T068158	3/4	1-5/8	Call
801T068218	3/4	2-1/8	Call
801T100068	1	3/4	Call
801T100078	1	7/8	11.97
801T100118	1	1-1/8	13.82
801T100138	1	1-3/8	15.53
801T100158	1	1-5/8	17.11
801T100218	1	2-1/8	20.29
801T148068	1-1/2	3/4	Call
801T148078	1-1/2	7/8	Call
801T148118	1-1/2	1-1/8	Call
801T148138	1-1/2	1-3/8	Call
801T148158	1-1/2	2-5/8	Call
801T148218	1-1/2	2-1/8	Call

COPPER FITTING

SHEET INSULATION



- Thermal conductivity: 0.27;
- Water vapor transmission: 0.10.
- Temperature range (full adhesive): -70°F to +180°F
- Temperature range (adhesive seams and joints only): -70°F to +220°F

	Dimensions (In.)				
Part No.	Thick	W	L	Box* Qty.	Price/Ea.
TFS18P	1/8	36	48	48	1.10
TFS14P	1/4	36	48	24	2.02
TFS38P	3/8	36	48	16	2.66
TFS12P	1/2	36	48	12	2.82
TFS34P	3/4	36	48	8	4.24
TFS1P	1	36	48	6	5.17

*Box quantity for ordering convenience only

INSULATION CEMENT



Armstrong 520 Adhesive is an air-drying contact adhesive that is excellent for joining seams and butt joints of pipe and sheet insulations. AAD520 formulation is a toluene free, hexane free, low volatile organic compound developed to meet the requirements of the South Coast Air Quality Management District (SCAQMD) Rule 1168. The black color gives the installer a neater, cleaner, more finished installation extreme environmental installations.

armacell

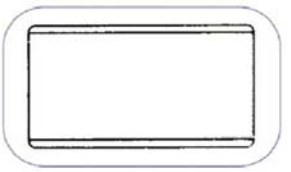
Part No.	Description	Rubatex No.	Price/Ea.
AAD520002	Insulation Adhesive 1/2 Pt. Brush Top	—	15.76
AAD520004	Insulation Adhesive 1 Pt. Brush Top	—	24.09
AAD520005	Insulation Adhesive 1 Quart	—	38.17

COPPER FITTING

COUPLING

WITHOUT STOP





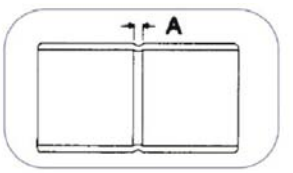
Connection ODF Sweat

Part No.	OD Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
CWOS14	1/4	100	0.01	3.41
CWOS38	3/8	50	0.01	1.39
CWOS12	1/2	50	0.02	4.73
CWOS58	5/8	50	0.03	2.60
CWOS34	3/4	25	0.04	7.14
CWOS78	7/8	25	0.06	5.43
CWOS118	1-1/8	10	0.10	11.23
CWOS138	1-3/8	25	0.15	15.59
CWOS158	1-5/8	10	0.22	21.04
CWOS218	2-1/8	75	0.40	38.21
CWOS258	2-5/8	50	0.63	45.56
W1911	3-1/8	25	0.95	Call
CWOS418	4-1/8	15	2.04	155.70

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

ROLLED STOP





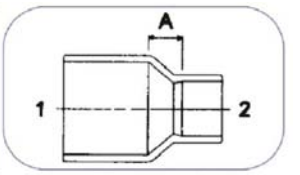
Connection ODF Sweat

Part No.	OD Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Dim. A (In.)	Price/Ea.
C18	1/8	100	0.01	3/64	2.07
C316	3/16	100	0.01	1/16	2.55
C14	1/4	100	0.01	1/16	1.91
C516	5/16	25	0.15	1/16	2.18
C38	3/8	50	0.01	1/16	1.59
C12	1/2	50	0.02	1/16	2.08
C58	5/8	50	0.02	1/16	1.72
C34	3/4	25	0.04	1/16	4.50
C78	7/8	25	0.06	1/16	3.42
C118	1-1/8	10	0.10	1/16	6.85
C138	1-3/8	25	0.15	1/16	11.99
C158	1-5/8	10	0.22	1/16	15.85
C218	2-1/8	75	0.404	1/16	26.48
C258	2-5/8	50	0.68	3/16	58.59
C318	3-1/8	25	1.05	3/16	79.81
W10100	3-5/8	20	1.40	3/16	149.81
W10107	4-1/8	15	2.13	3/16	175.85
W10155	5-1/8	—	3.30	—	385.75
W10156	6-1/8	3	5.31	3/16	Call

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

REDUCING





Connection ODF Sweat

Part No.	OD Size (In.) 1	OD Size (In.) 2	Box* Qty.	Wt./Ea. (Lbs.)	Dim. A (In.)	Price/Ea.
C1418	1/4	1/8	50	0.01	3/16	13.13
C3814	3/8	1/4	50	0.01	3/16	11.21
C38516	3/8	5/16	50	0.01	3/32	10.78
C1214	1/2	1/4	50	0.02	3/8	4.95
C1238	1/2	3/8	50	0.02	7/32	3.69
C5814	5/8	1/4	100	0.03	23/64	5.06
C5838	5/8	3/8	50	0.03	19/64	4.58
C5812	5/8	1/2	50	0.03	1/8	3.81
W1031	3/4	3/8	100	0.04	5/16	10.06
C3412	3/4	1/2	100	0.04	3/16	11.39
C3458	3/4	5/8	100	0.05	1/4	9.21
C7838	7/8	3/8	50	0.06	3/8	7.98
C7812	7/8	1/2	50	0.06	13/32	8.12
C7858	7/8	5/8	50	0.08	19/64	6.90
C7834	7/8	3/4	100	0.06	13/64	6.50
C11812	1-1/8	1/2	25	0.11	15/32	14.53
C11858	1-1/8	5/8	25	0.11	13/32	15.10
C11834	1-1/8	3/4	25	0.10	23/64	12.73
C11878	1-1/8	7/8	25	0.13	11/32	11.93
C13858	1-3/8	5/8	10	0.17	17/32	18.44
C13878	1-3/8	7/8	10	0.17	13/32	16.50
C138118	1-3/8	1-1/8	10	0.18	9/32	16.50
C15858	1-5/8	5/8	10	0.25	25/32	31.18
C15878	1-5/8	7/8	10	0.24	19/32	29.36
C158118	1-5/8	1-1/8	10	0.23	15/32	29.36
C158138	1-5/8	1-3/8	10	0.22	5/16	27.36
W1079	2-1/8	5/8	75	0.45	1-3/32	50.76
W1077	2-1/8	7/8	100	0.46	29/32	48.78
C218118	2-1/8	1-1/8	100	0.47	13/16	47.88
C218138	2-1/8	1-3/8	100	0.42	35/64	42.29
C218158	2-1/8	1-5/8	100	0.45	15/32	42.29
W1086	2-5/8	1-1/8	50	0.76	1-3/16	106.30
W1085	2-5/8	1-3/8	50	0.73	1	100.31
W1084	2-5/8	1-5/8	50	0.71	7/8	88.77
C258218	2-5/8	2-1/8	50	0.68	19/32	86.97
W1095	3-1/8	1-5/8	25	1.14	1-1/4	123.75
W1094	3-1/8	2-1/8	25	1.09	15/16	110.84
W1093	3-1/8	2-5/8	25	1.03	1/2	107.50
C358318	3-5/8	3-1/8	25	1.40	29/64	182.20
W10111	4-1/8	2-1/8	20	2.37	1-5/8	245.88
W10110	4-1/8	2-5/8	15	2.00	1-7/16	255.77
W10109	4-1/8	3-1/8	20	2.00	29/32	224.72
W10108	4/1/8	3-5/8	20	1.85	5/8	242.97

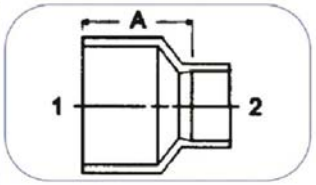
*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

COPPER FITTING

COUPLING

FITTING REDUCER





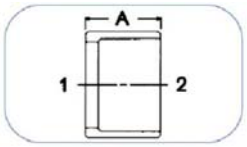
Connection FTG x C

Part No.	OD Size (In.) 1 (FTG)	2 (C)	Box* Qty.	Wt./Ea. (Lbs.)	Dim. A (In.)	Price/Ea.
FR1418	1/4	1/8	50	0.01	17/32	4.56
FR3814	3/8	1/4	50	0.01	3/8	4.86
FR1214	1/2	1/4	50	0.02	19/32	6.13
FR1238	1/2	3/8	50	0.02	5/8	5.01
FR5838	5/8	3/8	50	0.03	25/32	4.73
FR5812	5/8	1/2	50	0.03	3/4	4.27
FR3438	3/4	3/8	100	0.03	7/8	10.86
FR3412	3/4	1/2	100	0.04	29/32	10.32
FR3458	3/4	5/8	100	0.03	7/8	10.22
FR7812	7/8	1/2	50	0.05	1-1/8	8.45
FR7858	7/8	5/8	50	0.06	61/64	6.46
FR7834	7/8	3/4	100	0.08	31/32	6.50
FR11812	1-1/8	1/2	20	0.10	1-3/8	12.19
FR11858	1-1/8	5/8	25	0.10	1-11/32	12.89
FR11834	1-1/8	3/4	25	0.09	1-1/4	12.00
FR11878	1-1/8	7/8	25	0.11	1-7/64	9.34
FR13858	1-3/8	5/8	10	0.15	1-1/2	18.05
FR13878	1-3/8	7/8	10	0.15	1-11/32	18.05
FR138118	1-3/8	1-1/8	10	0.17	1-7/32	17.05
W1355	1-5/8	5/8	10	0.24	1-3/4	25.23
FR15878	1-5/8	7/8	10	0.22	1-11/16	25.23
FR158118	1-5/8	1-1/8	10	0.23	1-17/32	23.48
FR158138	1-5/8	1-3/8	10	0.24	1-13/32	23.48
W1364	2-1/8	5/8	100	0.46	2-5/8	53.11
FR21878	2-1/8	7/8	100	0.43	2-3/16	50.01
FR218118	2-1/8	1-1/8	100	0.43	2-1/8	50.01
FR218138	2-1/8	1-3/8	100	0.43	2-1/32	44.22
FR218158	2-1/8	1-5/8	100	0.40	1-27/32	44.22
W1370	2-5/8	1-1/8	50	0.69	2-7/8	95.24
FR258138	2-5/8	1-3/8	50	0.67	2-15/32	85.10
FR258158	2-5/8	1-5/8	50	0.73	2-7/32	83.58
FR258218	2-5/8	2-1/8	50	0.66	2-1/32	81.85
W1379	3-1/8	1-3/8	50	1.08	3	Call
W1378	3-1/8	1-5/8	50	1.00	2-21/32	Call
FR318218	3-1/8	2-1/8	25	0.93	2-1/2	96.59
FR318258	3-1/8	2-5/8	25	0.97	2-1/32	98.80
W1383	3-5/8	2-1/8	20	1.49	3-3/32	140.79
W1382	3-5/8	2-5/8	20	1.28	1-39/64	140.79
FR358318	3-5/8	3-1/8	20	1.49	2-11/32	140.73
W1389	4-1/8	2-1/8	15	2.15	3-21/32	231.88
W1388	4-1/8	2-5/8	15	2.03	3-35/64	209.37
W1387	4-1/8	3-1/8	15	1.85	2-31/32	Call
W1386	4-1/8	3-5/8	20	1.75	2-1/2	198.83

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

FLUSH BUSHING





Connection FTG x C

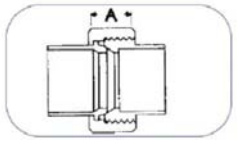
Part No.	OD Size (In.) 1 (FTG)	2 (C)	Box* Qty.	Wt./Ea. (Lbs.)	Dim. A (In.)	Price/Ea.
FB3814	3/8	1/4	100	0.01	3/8	3.97
W1714	1/2	1/4	100	0.02	7/16	4.50
FB1238	1/2	3/8	100	0.01	7/16	3.91
W1717	5/8	3/8	100	0.04	9/16	5.63
FB5812	5/8	1/2	100	0.02	9/16	4.97
W1722	3/4	3/8	25	0.05	11/16	Call
W1721	3/4	1/2	50	0.06	11/16	8.05
W1720	3/4	5/8	50	0.03	11/16	6.02
W1727	7/8	1/2	50	0.11	13/16	10.45
FB7858	7/8	5/8	50	0.08	13/16	9.21
FB7834	7/8	3/4	50	0.09	13/16	9.63
W1739	1-1/8	5/8	25	0.21	31/32	15.86
W1738	1-1/8	3/4	50	0.18	31/32	Call
FB11878	1-1/8	7/8	50	0.12	31/32	14.10
W1745	1-3/8	7/8	10	0.33	1-1/32	Call
W1743	1-3/8	1-1/8	10	0.16	1-1/32	18.56
W1751	1-5/8	1-1/8	10	0.40	1-5/32	Call
W1750	1-5/8	1-3/8	10	0.22	1-5/32	22.77
W1758	2-1/8	1-5/8	10	0.66	1-13/32	Call
W1767	2-5/8	2-1/8	50	0.91	1-17/32	Call

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

UNION COUPLING

CONNECTION C X C





Part No.	OD Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Dim. A (In.)	Price/Ea.
U38	3/8	25	0.12	19/32	43.75
U12	1/2	25	0.11	7/16	42.82
U58	5/8	25	0.17	15/32	27.83
U78	7/8	10	0.37	5/8	32.59
U118	1-1/8	10	0.51	29/64	58.85
A11205	1-3/8	5	0.76	1/2	69.89
A11206	1-5/8	5	1.04	23/32	84.68
A11207	2-1/8	—	1.77	1/2	157.05
A11216	2-5/8	—	3.25	1	Call
A11217	3-1/8	—	4.75	1-5/32	2527.98

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

COPPER FITTING

UNION COUPLING

CONNECTION C X MPT



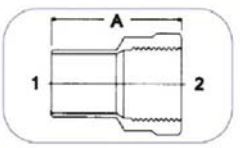
Part No.	Size (In.) OD	MPT	Box* Qty.	Wt./Ea. (Lbs.)	Dim. A (In.)	Price/Ea.
A11209	1/2	1/2	25	0.20	1-5/8	Call
A11210	5/8	1/2	25	0.28	1-11/16	Call
A11211	7/8	3/4	10	0.43	1-29/32	Call
A11212	1-1/8	1	10	0.68	2-1/8	Call
A11213	1-3/8	1-1/4	5	0.95	2-5/32	Call
A11214	1-5/8	1-1/2	1	1.35	2-13/32	Call
A11215	2-1/8	2	1	2.17	2-25/32	Call
A11240	2-5/8	2-1/2	1	4.13	3-17/32	Call

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

PIPE THREAD ADAPTER

FEMALE FITTING





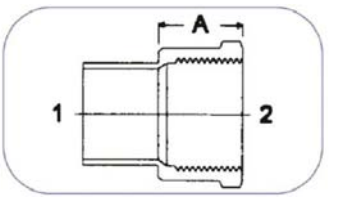
Connection FTG x FPT

Part No.	OD Size (In.) 1 (FTG)	2 (FPT)	Box* Qty.	Wt./Ea. (Lbs.)	Dim. A (In.)	Price/Ea.
W1514	3/8	3/8	50	0.06	1-9/32	Call
W1526	1/2	1/4	50	0.06	1-1/8	Call
AFF1238	1/2	3/8	50	0.05	1-19/64	20.56
AFF1212	1/2	1/2	50	0.11	1-15/32	23.46
AFF5838	5/8	3/8	50	0.07	1-19/64	22.81
AFF5812	5/8	1/2	50	0.11	1-1/2	16.92
AFF7812	7/8	1/2	50	0.11	1-11/16	44.60
AFF7834	7/8	3/4	50	0.19	1-45/64	21.82
AFF11834	1-1/8	3/4	25	0.17	1-49/64	87.00
AFF1181	1-1/8	1	25	0.25	2-5/64	39.00
W1571	1-3/8	1-1/4	10	0.43	2-7/32	62.39
W1579	1-5/8	1-1/2	10	0.55	2-15/32	82.45
W1587	2-1/8	2	50	0.69	2-13/32	Call
W1596	2-5/8	2-1/2	25	1.21	2-53/64	Call

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

FEMALE





Connection C x FPT

Part No.	OD Size (In.) 1 (C)	2 (FPT)	Box* Qty.	Wt./Ea. (Lbs.)	Dim. A (In.)	Price/Ea.
AF1418	1/4	1/8	100	0.03	9/16	17.86
AF1414	1/4	1/4	100	0.04	21/32	18.58
AF1438	1/4	3/8	100	0.06	5/8	14.79
AF1412	1/4	1/2	100	0.11	1-5/64	13.77
AF3818	3/8	1/8	100	0.03	17/32	18.30
AF3814	3/8	1/4	50	0.04	5/8	15.35
AF3838	3/8	3/8	50	0.05	21/32	14.84
AF1214	1/2	1/4	50	0.05	19/32	13.58
AF1238	1/2	3/8	50	0.06	53/64	16.90
AF1212	1/2	1/2	50	0.10	1	17.35
AF1234	1/2	3/4	50	0.13	13/16	20.69
AF5814	5/8	1/4	50	0.05	1/2	13.21
AF5838	5/8	3/8	50	0.07	49/64	13.21
AF5812	5/8	1/2	50	0.10	27/32	8.75
AF5834	5/8	3/4	50	0.15	1-3/64	18.37
AF3412	3/4	1/2	50	0.09	29/32	23.80
AF3434	3/4	3/4	25	0.12	57/64	18.72
AF7812	7/8	1/2	50	0.11	1	18.37
AF7834	7/8	3/4	25	0.14	27/32	12.01
AF781	7/8	1	25	0.24	1-5/32	39.40
AF11812	1-1/8	1/2	25	0.29	23/32	49.25
AF11834	1-1/8	3/4	25	0.22	13/16	39.40
AF1181	1-1/8	1	25	0.24	31/32	26.89
AF1381	1-3/8	1	10	0.33	1	82.37
AF138114	1-3/8	1-1/4	10	0.43	1-7/32	39.00
W1270	1-3/8	1-1/2	10	0.43	1-7/32	83.82
W1280	1-5/8	1-1/4	10	0.42	29/32	91.24
AF158112	1-5/8	1-1/2	10	0.58	1-1/4	60.97
W1278	1-5/8	2	60	0.62	1-7/32	154.90
AF2182	2-1/8	2	50	0.65	15/16	82.77
AF258212	2-5/8	2-1/2	25	1.19	1-3/16	Call
W1297	3-1/8	3	15	1.94	1-5/16	392.47

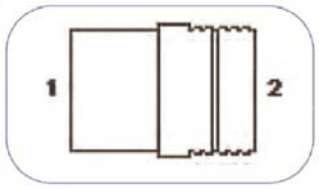
*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

COPPER FITTING

PIPE THREAD ADAPTER

MALE





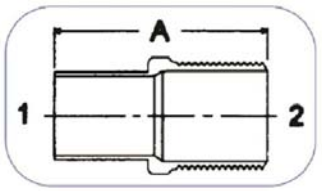
Connection C x MPT

Part No.	OD Size (In.) 1 (C)	2 (MPT)	Box* Qty.	Wt./Ea. (Lbs.)	Dim. A (In.)	Price/Ea.
AM1418	1/4	1/8	100	0.02	27/64	31.10
AM1414	1/4	1/4	50	0.03	49/64	22.88
AM1438	1/4	3/8	50	0.06	55/64	28.56
W1116	3/8	1/8	50	0.03	27/64	22.59
AM3814	3/8	1/4	50	0.03	21/32	25.25
AM3838	3/8	3/8	50	0.06	53/64	28.21
AM3812	3/8	1/2	50	0.09	1	14.53
AM1214	1/2	1/4	50	0.06	7/8	27.59
AM1238	1/2	3/8	50	0.06	21/32	12.59
AM1212	1/2	1/2	50	0.09	13/16	16.74
AM1234	1/2	3/4	25	0.17	1-7/64	19.21
AM5814	5/8	1/4	25	0.06	3/4	16.46
AM5838	5/8	3/8	50	0.06	41/64	13.64
AM5812	5/8	1/2	50	0.08	13/16	5.54
AM5834	5/8	3/4	25	0.16	15/16	15.61
W1129	5/8	1	25	0.28	1-29/64	34.99
AM3412	3/4	1/2	25	0.12	1-3/32	28.29
AM3434	3/4	3/4	25	0.14	1-1/64	18.72
AM7812	7/8	1/2	25	0.13	7/8	15.61
AM7834	7/8	3/4	50	0.14	29/32	9.25
AM781	7/8	1	25	0.29	1-5/32	34.28
W1165	1-1/8	1/2	25	0.18	31/32	43.10
AM11834	1-1/8	3/4	10	0.18	59/64	34.28
AM1181	1-1/8	1	25	0.24	1-9/64	23.62
AM118114	1-1/8	1-1/4	10	0.40	1-9/16	50.22
W1161	1-1/8	1-1/2	10	0.50	1-45/64	94.05
W1173	1-3/8	3/4	10	0.29	31/32	58.43
AM1381	1-3/8	1	10	0.28	1	50.68
AM138114	1-3/8	1-1/4	20	0.41	1-9/32	31.63
AM138112	1-3/8	1-1/2	10	0.51	1-21/32	79.25
W1181	1-5/8	1	10	0.39	1-3/32	94.37
AM158114	1-5/8	1-1/4	10	0.41	1-1/16	78.91
AM158112	1-5/8	1-1/2	10	0.50	1-1/4	39.00
W1178	1-5/8	2	50	0.79	1-7/32	148.24
W1189	2-1/8	1-1/4	50	0.71	1-5/32	152.69
W1188	2-1/8	1-1/2	50	0.61	1-3/32	152.79
AM2182	2-1/8	2	50	0.87	1-19/64	65.99
W1198	2-5/8	1-1/2	20	0.97	1-7/32	380.95
W1197	2-5/8	2	20	0.98	1-1/8	392.98
W1196	2-5/8	2-1/2	20	1.62	1-25/32	230.82
W1199	3-1/8	3	20	1.72	1-27/64	287.10

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

MALE FITTING





Connection FTG x MPT

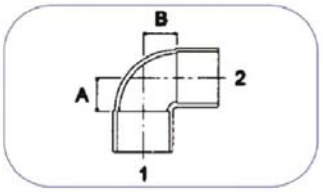
Part No.	OD Size (In.) 1 (FTG)	2 (MPT)	Box Qty.	Wt./Ea. (Lbs.)	Dim. A (In.)	Price/Ea.
W1432	1/2	3/8	50	0.05	1-15/64	54.51
W1431	5/8	3/8	50	0.06	1-7/32	23.60
AMF5812	5/8	1/2	50	0.09	1-3/8	23.60
W1447	7/8	1/2	50	0.13	1-27/32	57.26
AMF7834	7/8	3/4	50	0.15	1-59/64	30.37
W1464	1-1/8	3/4	25	0.19	2-3/64	Call
AMF1181	1-1/8	1	25	0.24	2-1/4	38.61
W1471	1-3/8	1-1/4	10	0.41	2-15/32	118.20
W1479	1-5/8	1-1/2	10	0.52	2-19/32	143.28
W1487	2-1/8	2	50	0.86	2-49/64	231.68
W1496	2-5/8	2-1/2	20	1.54	3-3/8	Call

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

90° ELBOW

SHORT





Connection C x C

Part No.	OD Size (In.) 1	2	Box* Qty.	Wt./Ea. (Lbs.)	Dim. (In.) A	B	Price/Ea.
E14	1/4	1/4	50	0.01	3/8	3/8	6.80
E38	3/8	3/8	50	0.02	3/8	3/8	7.14
E12	1/2	1/2	50	0.03	1/2	1/2	6.82
E58	5/8	5/8	100	0.05	19/32	19/32	7.98
E34	3/4	3/4	50	0.10	7/8	7/8	14.46
E78	7/8	7/8	50	0.11	53/64	53/64	14.39
E118	1-1/8	1-1/8	25	0.20	1-5/64	1-5/64	19.25
E138	1-3/8	1-3/8	10	0.31	1-3/32	1-3/32	21.47
E158	1-5/8	1-5/8	10	0.43	1-7/32	1-7/32	33.48
E218	2-1/8	2-1/8	10	0.86	1-9/16	1-9/16	60.99
W2087	2-5/8	2-5/8	5	1.40	1-13/16	1-13/16	109.03
E318	3-1/8	3-1/8	5	1.99	2-1/16	2-1/16	154.87
W2089	3-5/8	3-5/8	2	2.74	2-13/32	2-13/32	285.00
W2090	4-1/8	4-1/8	2	3.80	2-23/32	2-23/3	339.58

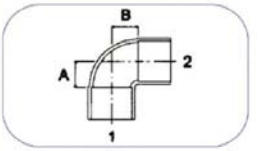
*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

COPPER FITTING

90° ELBOW

SHORT REDUCING





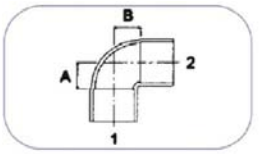
Connection C x C

Part No.	OD Size (In.) 1	2	Box* Qty.	Wt./Ea. (Lbs.)	Dim. B (In.)	Price/Ea.
W2011	3/8	1/4	50	0.02	11/32	21.25
W2019	1/2	3/8	50	0.03	7/16	11.82
W2025	5/8	3/8	50	0.05	7/16	19.91
E5812	5/8	1/2	50	0.05	1/2	19.88
W2030	3/4	1/2	50	0.08	1/2	14.05
W2029	3/4	5/8	50	0.06	19/32	19.74
W2037	7/8	1/2	50	0.10	5/8	16.50
E7858	7/8	5/8	50	0.10	21/32	14.84
E7834	7/8	3/4	50	0.12	7/8	13.50
W2052	1-1/8	1/2	25	0.20	21/32	29.88
W2051	1-1/8	5/8	25	0.17	3/4	30.36
W2050	1-1/8	3/4	25	0.17	7/8	29.22
E11878	1-1/8	7/8	25	0.18	7/8	27.18
W2056	1-3/8	1-1/8	20	0.34	1-1/8	68.53
W2077	1-5/8	1-3/8	5	0.33	55/64	90.75
W2078	2-1/8	1-5/8	2	0.60	1-13/64	122.18

*Box quantity for ordering convenience only
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LONG





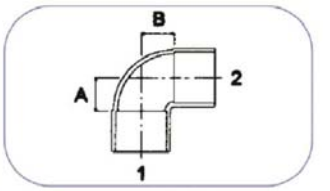
Connection C x C

Part No.	OD Size (In.) 1	2	Box* Qty.	Wt./Ea. (Lbs.)	Dim. (In.) A	B	Price/Ea.
EL14	1/4	1/4	50	0.01	1/2	1/2	12.73
EL516	5/16	5/16	50	0.01	9/16	9/16	11.86
EL38	3/8	3/8	50	0.02	3/4	3/4	9.04
EL12	1/2	1/2	50	0.04	3/4	3/4	11.42
EL58	5/8	5/8	50	0.07	7/8	7/8	10.24
EL34	3/4	3/4	50	0.11	1-1/8	1-1/8	10.35
EL78	7/8	7/8	25	0.15	1-3/16	1-3/16	13.21
EL118	1-1/8	1-1/8	10	0.28	1-1/2	1-1/2	21.28
EL138	1-3/8	1-3/8	10	0.42	1-7/8	1-7/8	34.49
EL158	1-5/8	1-5/8	5	0.64	2-1/4	2-1/4	49.02
EL218	2-1/8	2-1/8	5	1.19	2-7/8	2-7/8	129.04
EL258	2-5/8	2-5/8	5	2.07	3-21/32	3-21/32	190.11
EL318	3-1/8	3-1/8	2	3.13	4-5/8	4-5/8	251.48
W2093	3-5/8	3-5/8	1	5.45	4-29/32	4-29/32	908.73
EL418	4-1/8	4-1/8	1	7.65	5-7/8	5-7/8	652.85

*Box quantity for ordering convenience only
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LONG REDUCING





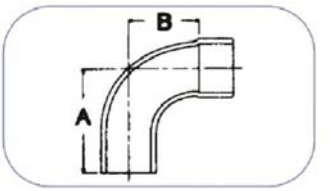
Connection C x C

Part No.	OD Size (In.) 1	2	Box* Qty.	Wt./Ea. (Lbs.)	Dim. (In.) A	B	Price/Ea.
W2719	1/2	3/8	50	0.03	41/64	39/64	19.61
EL5812	5/8	1/2	50	0.04	3/4	11/16	30.04
EL7858	7/8	5/8	50	0.09	7/8	7/8	33.20
W2735	7/8	3/4	25	0.12	1-5/32	1-1/16	33.86
EL11878	1-1/8	7/8	10	0.17	1-1/4	1-9/64	50.51
W2060	1-3/8	5/8	10	0.38	2-5/32	1-3/8	43.86
EL13878	1-3/8	7/8	10	0.36	1-63/64	1-3/8	55.87
EL138118	1-3/8	1-1/8	10	0.31	1-5/8	1-15/32	57.85
EL15878	1-5/8	7/8	5	0.54	2-3/64	1-3/8	65.59
W2065	1-5/8	1-1/8	5	0.51	2-1/8	1-5/8	88.89
EL158138	1-5/8	1-3/8	5	0.44	1-59/64	1-7/8	88.91
W2075	2-1/8	1-1/8	2	1.00	2-1/2	2-3/32	146.29
W2074	2-1/8	1-3/8	2	0.95	2-1/2	2-1/8	146.29
EL218158	2-1/8	1-5/8	2	0.66	2-7/16	2-11/64	141.31
W2083	2-5/8	2-1/8	2	1.53	2-31/32	2-31/32	432.12

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

SHORT FITTING





Connection FTG x C

Part No.	OD Size	Box* Qty.	Wt./Ea. (Lbs.)	Dim. (In.) A	B	Price/Ea.
EF14	1/4	50	0.01	3/4	3/8	12.69
EF38	3/8	50	0.02	3/4	3/8	12.50
EF12	1/2	50	0.03	15/16	1/2	8.64
EF58	5/8	50	0.04	1-5/32	19/32	10.19
EF34	3/4	25	0.11	1-7/16	7/8	15.13
EF78	7/8	25	0.10	1-5/8	13/16	16.39
EF118	1-1/8	25	0.17	2-1/32	1-1/16	21.41
W2384	1-3/8	25	0.34	2-5/64	1-1/16	29.88
EF158	1-5/8	10	0.46	2-3/8	1-7/32	42.01
EF218	2-1/8	10	0.78	3-3/64	1-19/32	91.45
EF258	2-5/8	5	1.25	3-11/32	1-13/16	142.60
w2388	3-1/8	2	2.06	3-25/32	2-1/16	199.93
W2389	3-5/8	1	2.70	4-3/8	2-23/64	734.29
W2390	4-1/8	2	3.50	4-15/16	2-23/64	421.57

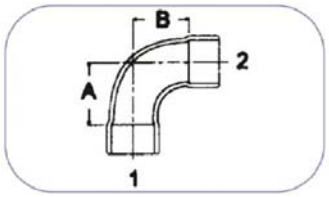
*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

COPPER FITTING

90° ELBOW

LONG FITTING





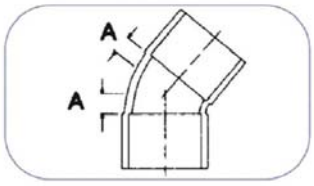
Connection FTG x C

Part No.	OD Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Dim. (In.) A	Dim. (In.) B	Price/Ea.
ELF38	3/8	50	0.02	1-1/8	3/4	10.71
ELF12	1/2	50	0.04	1-3/16	3/4	20.91
ELF58	5/8	50	0.07	1-3/8	7/8	15.38
ELF34	3/4	25	0.11	1-13/16	1-1/8	18.19
ELF78	7/8	25	0.14	2	1-3/16	18.38
ELF118	1-1/8	10	0.27	2-15/32	1-1/2	31.27
ELF138	1-3/8	10	0.40	2-29/32	1-7/8	48.37
ELF158	1-5/8	5	0.62	3-7/16	2-1/4	69.01
ELF218	2-1/8	5	1.22	4-9/32	2-7/8	112.47
ELF258	2-5/8	5	2.05	5-5/32	3-21/32	201.98
ELF318	3-1/8	2	4.00	6-9/32	4-5/8	304.45
W2093	3-5/8	1	5.53	7-7/32	5-1/4	908.73
W2095	4-1/8	1	7.50	8-3/32	5-7/8	652.85

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

45° ELBOW





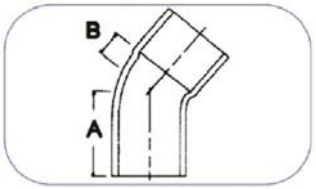
Connection C x C

Part No.	OD Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Dim. A (In.)	Price/Ea.
E4514	1/4	50	0.01	3/16	17.02
E4538	3/8	50	0.01	3/16	12.73
E4512	1/2	50	0.02	13/64	10.88
E4558	5/8	50	0.04	17/64	4.84
E4534	3/4	50	0.06	5/16	19.07
E4578	7/8	25	0.10	23/64	7.64
E45118	1-1/8	25	0.18	15/32	19.16
E45138	1-3/8	10	0.20	7/16	25.71
E45158	1-5/8	10	0.30	1/2	33.22
E45218	2-1/8	10	0.56	5/8	55.46
E45258	2-5/8	5	1.45	1-9/16	107.72
E45318	3-1/8	2	1.83	1-21/32	150.70
W3070	3-5/8	2	3.46	1-3/4	Call
W3073	4-1/8	1	5.16	1-15/16	310.16

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

FITTING





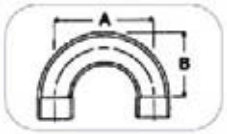
Connection FTG x C

Part No.	OD Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Dim. (In.) A	Dim. (In.) B	Price/Ea.
E45F38	3/8	100	0.01	9/16	3/16	18.92
E45F12	1/2	100	0.02	21/32	13/64	14.87
E45F58	5/8	50	0.04	13/16	17/64	5.61
E45F34	3/4	50	0.06	1	5/16	30.27
E45F78	7/8	25	0.10	1-11/64	23/64	7.73
W3344	1-1/8	25	0.19	1-7/16	15/32	27.18
W3350	1-3/8	10	0.28	1-13/16	25/32	31.63
W3355	1-5/8	10	0.43	2-5/64	15/16	41.54
W3359	2-1/8	5	0.86	2-41/64	1-1/4	65.99
W3363	2-5/8	2	1.38	3-3/32	1-9/16	143.30
W3368	3-1/8	2	1.81	3-3/8	1-21/32	182.28

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

RETURN BEND





Connection C x C

Part No.	OD Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Dim.(In.) A	Dim.(In.) B	Price/Ea.
W6020	3/8	25	0.04	1-1/2	15/16	9.11
W6032	1/2	50	0.06	1-1/2	1	12.20
RB58	5/8	25	0.10	1-9/16	1-3/32	18.76
W6073	3/4	10	0.16	2	1-3/8	Call
RB78	7/8	10	0.22	2-1/2	1-11/16	35.52
RB118	1-1/8	5	0.46	3	2-1/16	71.71
RB138	1-3/8	5	0.68	3-3/4	2-9/16	132.01
W60131	1-5/8	1	1.00	4-1/2	3-1/6	148.95
RB218	2-1/8	1	1.92	5-1/2	3-13/16	389.10

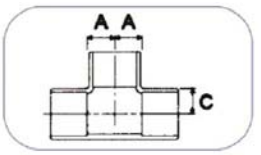
*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

COPPER FITTING

TEE

REDUCING



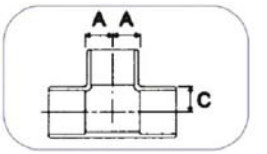


Connection C x C x C (Branch)

Part No.	OD Size (In.) C	C	C (BR)	Box* Qty.	Wt./Ea. (Lbs.)	Dim.(In.) A	B	C	Price/Ea.
W40368	1/4	1/4	3/8	50	0.02	33/64	33/64	3/16	35.69
W40332	3/8	1/4	1/4	50	0.02	5/32	3/8	7/32	31.39
W40330	3/8	1/4	3/8	50	0.02	13/64	33/64	3/16	30.14
T383814	3/8	3/8	1/4	50	0.02	5/32	5/32	7/32	21.89
W40366	1/2	1/4	1/4	50	0.05	7/32	21/32	23/32	42.08
T121214	1/2	1/2	1/4	50	0.04	7/32	7/32	19/32	22.64
W40367	5/8	3/8	1/2	50	0.08	17/64	39/64	25/64	37.40
W40232	7/8	1/2	1/2	25	0.16	21/64	51/64	51/64	21.71
W40231	7/8	1/2	5/8	25	0.16	21/64	15/16	17/32	17.90
W4036	7/8	3/4	7/8	25	0.19	15/32	23/32	29/64	23.28
W40236	1-1/8	3/4	5/8	10	0.35	23/64	31/32	21/32	42.12
W40234	1-1/8	3/4	7/8	10	0.34	15/32	1-1/32	49/64	44.31
W40101	1-1/8	1-1/8	1-5/8	5	0.99	1-21/32	1-21/32	53/64	102.58
W40100	1-3/8	1-3/8	1-5/8	5	0.79	27/32	27/32	23/32	102.88
W4089	1-5/8	1-5/8	1/2	5	0.76	45/64	45/64	2	Call
W40121	1-5/8	1-5/8	2-1/8	2	1.38	1-1/16	1-1/16	57/64	197.22
W40248	2-1/8	7/8	2-1/8	5	2.01	1-3/32	2-11/16	1-1/8	137.43
W40119	2-1/8	1-3/8	7/8	5	1.13	37/64	1-19/32	1-11/16	147.72
W40118	2-1/8	1-3/8	1-1/8	2	1.13	19/32	1-37/64	1-5/16	147.72
W40117	2-1/8	1-3/8	1-3/8	2	1.46	27/32	1-27/32	1-27/32	149.13
W40116	2-1/8	1-3/8	1-5/8	2	1.46	27/32	1-27/32	1-7/32	137.56
W40113	2-1/8	1-5/8	7/8	2	1.13	37/64	1-29/64	1-11/16	137.43
W40112	2-1/8	1-5/8	1-1/8	2	1.13	37/64	1-29/64	1-19/64	137.43
W40110	2-1/8	1-5/8	1-5/8	2	1.46	27/32	1-23/32	1-7/32	134.51
W40109	2-1/8	1-5/8	2-1/8	2	1.89	1-3/32	1-63/64	1-3/32	137.43
T21821858	2-1/8	2-1/8	5/8	5	0.97	37/64	37/64	1-15/16	82.24
T21821878	2-1/8	2-1/8	7/8	5	0.97	37/64	37/64	1-11/16	79.79
T218218118	2-1/8	2-1/8	1-1/8	5	0.97	37/64	37/64	1-9/32	82.24
T218218138	2-1/8	2-1/8	1-3/8	5	1.26	27/32	27/32	1-27/32	91.31
W40103	2-1/8	2-1/8	1-5/8	5	1.26	27/32	27/32	1-13/64	82.24
W40103	2-5/8	2-1/8	1-1/8	4	2.36	1-5/64	2-11/64	2-51/64	82.24
W40128	2-5/8	2-5/8	7/8	1	2.05	1-3/32	1-3/32	2-55/64	221.91
W40146	3-1/8	3-1/8	7/8	2	2.01	23/32	23/32	2-11/32	431.53
W40151	3-1/8	3-1/8	2-5/8	2	4.62	1-19/32	1-19/32	2-31/32	257.01
W40192	4-1/8	4-1/8	7/8	1	3.59	9/16	9/16	3-1/16	472.49
W40193	4-1/8	4-1/8	1-1/8	1	3.59	37/64	37/64	2-37/64	417.12
W40196	4-1/8	4-1/8	2-1/8	1	4.72	1-1/16	1-1/16	2-23/64	441.53
W40197	4-1/8	4-1/8	2-5/8	1	5.62	1-19/32	1-19/32	3-13/64	502.43
W40198	4-1/8	4-1/8	3-1/8	1	5.62	1-19/32	1-19/32	2-41/64	464.07

*Box quantity for ordering convenience only
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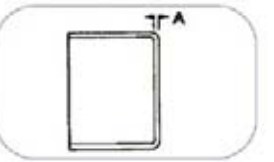
Connection C x C x C

Part No.	OD Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Dim. (In.) A	C	Price/Ea.
T316	3/16	50	0.01	7/64	25/32	16.27
T14	1/4	100	0.01	5/32	5/32	13.48
T516	5/16	50	0.02	13/64	3/16	16.06
T38	3/8	50	0.02	13/64	3/16	14.25
T12	1/2	50	0.04	17/64	1/4	11.42
T58	5/8	50	0.07	21/64	21/64	4.51
T34	3/4	25	0.11	13/32	25/64	26.13
T78	7/8	25	0.18	15/32	29/64	10.83
T118	1-1/8	10	0.32	37/64	9/16	30.27
T138	1-3/8	5	0.52	23/32	45/64	38.67
T158	1-5/8	5	0.81	53/64	53/64	63.07
T218	2-1/8	5	1.50	1-3/32	1-3/32	105.59
T258	2-5/8	2	2.42	1-5/16	1-3/8	184.65
T318	3-1/8	2	3.97	1-19/32	1-5/8	279.15
T358	3-5/8	1	7.08	1-15/16	1-55/64	768.84
W40200	4-1/8	1	9.68	2-1/8	2-1/8	653.97

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

TUBE CAP





Connection C

Part No.	OD Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Dim. A (In.)	Price/Ea.
TC14	1/4	50	0.01	1/32	3.36
TC38	3/8	50	0.01	1/32	2.08
TC12	1/2	50	0.01	1/32	3.32
TC58	5/8	100	0.02	1/32	1.92
TC34	3/4	50	0.03	3/64	3.89
TC78	7/8	50	0.04	3/64	3.58
TC118	1-1/8	50	0.08	3/64	8.20
TC138	1-3/8	25	0.11	3/64	10.88
TC158	1-5/8	25	0.18	1/16	15.92
TC218	2-1/8	100	0.30	1/16	29.32
TC258	2-5/8	50	0.48	5/64	85.36
W7016	3-1/8	50	0.73	5/64	109.93
W7017	3-5/8	25	1.15	3/32	320.08
W7018	4-1/8	20	1.50	7/64	200.82

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

MUELLER INDUSTRIES









HVAC & Refrigeration

Since 1917, Mueller Industries has been providing our customers with the best products, services, and support in the HVAC/R industry. We invented and pioneered the now famous Streamline solder type copper fitting and Nitrogenized ACR copper tube that have become industry standards. Today, we offer one of the most complete lines of HVAC and Refrigeration products available from single source. Our ongoing commitment to quality and innovation continue to make our products the preferred and specified choice of industry professionals and manufacturers alike.

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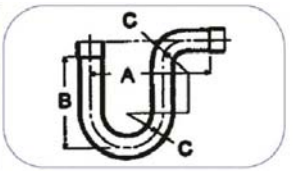
Visit your local Aireco branch for product availability.

COPPER FITTING

P-TRAP - SUCTION LINE

CONNECTION C X C





Part No.	OD Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Dim.(In.) A	Dim.(In.) B	Dim.(In.) C	Price/Ea.
PT58	5/8	10	0.39	6	5-1/2	1-1/2	47.00
PT34	3/4	10	0.48	5-7/8	5-3/8	1-1/2	67.47
PT78	7/8	5	0.62	5-3/4	5-1/4	1-1/2	50.25
PT118	1-1/8	3	0.89	5-1/32	5-3/32	1-1/2	76.80
PT138	1-3/8	4	1.20	6-9/16	5-3/32	1-7/8	142.75
PT158	1-5/8	4	2.10	8-21/32	7-29/32	2-1/2	208.77
PT218	2-1/8	3	3.77	9-29/32	8-21/32	3	448.05

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

LONG RADIUS



Connection C x C

Part No.	Outside Diameter (In.)	Box* Qty.	Weight (Lbs.)	Price
W60998	5/8	30	0.15	46.01
W60997	3/4	20	0.30	85.48
W60996	7/8	15	0.36	71.91
W60995	1-1/8	15	0.58	109.32
W60994	1-3/8	5	0.97	195.90
W60993	1-5/8	—	1.84	289.02
W60992	2-1/8	—	3.61	627.81

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

FLEXIBLE REFRIGERANT HOSE



Made of red brass tubing having a continuous helical corrugation covered by bronze braid. Standard models have an SAE male flare connector at one end and an SAE female flare swivel of the same size on the other end.

Part No.	Connection Size (In.)	Hose ID (In.)	Overall Length (In.)	Price
6MF48	3/8	1/4	48	Call
10MF48	5/8	1/2	48	Call

VIBRATION ABSORBER



Designed for installation in the suction and discharge lines of air conditioning and refrigeration systems to dampen the transmission of compressor induced vibration through system piping.
Flexible tubing: Corrugated red brass for 1/4"–1 5/8"; corrugated type 321 stainless steel for 2 1/8"–4 1/8"

- Wired braid: Bronze for 1/4"–1 5/8"; type 304 stainless steel for 2 1/8"–3 5/8"
- Ferrules: Copper for 1/4"–1 5/8"; type 304 stainless steel for 2 1/8"–3 5/8"
- Tube ends: Copper

IRP International Refrigeration Products

Part No.	OD Size (In.)	Length (In.)	Max. Working Pressure (PSIG)	Burst Pressure (PSIG)	Price
14VS	1/4	7-1/2	500	2,500	14.86
38VS	1-5/8	8-1/4	500	2,500	16.58
12VS	1/2	9	500	2,500	16.82
58VS	5/8	9-3/4	500	2,500	17.06
34VS	3/4	10	500	2,500	19.42
78VS	7/8	11-1/2	500	2,500	25.04
118VS	1-1/8	13	500	2,500	31.00
138VS	1-3/8	14-3/4	500	2,500	43.74
158VS	1-5/8	17	500	2,500	65.72
218VS	2-1/8	20	390	1,950	99.06
258VS	2-5/8	24	340	1,700	184.18
318VS	3-1/8	27	300	1,500	214.32
358VS	3-5/8	32-5/8	175*	525	621.50
418VS	4-1/8	33-3/8	175*	525	659.94

*U.L. and C.S.A. approved for low side (suction side) use only.

FLARE NUT SEAL

COPPER FLARE BONNET



Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
B13	3/16	.001	Call
B14	1/4	.002	1.01
B15	5/16	.003	Call
B16	3/8	.004	1.00
B18	1/2	.007	0.86
A-00485	5/8	.010	Call
B112	3/4	.015	26.40

COPPER FITTING

FLARE NUT SEAL

COPPER FLARE GASKET



Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
B23	3/16	.0010	Call
B24	1/4	.0010	0.36
B25	5/16	.0010	0.27
B26	3/8	.0021	0.56
B28	1/2	.0026	0.80
B210	5/8	.0031	0.94
B212	3/4	.0044	1.74

STRAP

TUBE STRAP



2-Hole

Part No.	OD Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
TS14	1/4	100	0.01	0.26
TS38	3/8	100	0.01	0.26
TS12	1/2	100	0.01	0.26
TS58	5/8	100	0.01	0.28
TS34	3/4	50	0.01	0.09
TS78	7/8	50	0.01	0.33
TS118	1-1/8	50	0.02	0.50
TS138	1-3/8	50	0.04	1.05
TS158	1-5/8	50	0.05	0.32
TS218	2-1/8	25	0.06	0.36

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

COPPER STRAP



Perforated copper strap, 3/4" wide

Part No.	Length (Ft.)	Wt./Ea. (Lbs.)	Price
CSTRAP25	25	1.65	35.70
CSTRAP50	50	-	71.40

*Box quantity for ordering convenience only
(Call) Please contact your local Aireco Branch for pricing.

BRASS FITTING-FLARE

FLARE NUT

SHORT



Connection FFL x OD

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
NS43	3/16	—	3.87
NS44	1/4	.035	1.23
NS45	5/16	.039	2.08
NS46	3/8	.052	1.63
NS48	1/2	.076	2.12
NS410	5/8	.120	2.97
NS412	3/4	.231	7.62
NS414	7/8	.255	24.41

EXTRA HEAVY SHORT



Connection FFL x OD

Part No.	Size (In.)	Price
HNS44	1/4	Call
HNS46	3/8	Call
HNS48	1/2	Call
HNS410	5/8	Call
HNS412	3/4	Call

LONG



Connection FFL x OD

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
N44	1/4	.049	2.30
N45	5/16	.050	Call
N46	3/8	.081	3.09
N48	1/2	.112	3.90
N410	5/8	.207	4.59
N412	3/4	.360	7.43

FROST FREE SHORT



Connection FFL x OD

Part No.	Size (In.)	Price
NST44	1/4	Call
NST46	3/8	Call
NST48	1/2	Call
NST410	5/8	Call

BRASS FITTING-FLARE

FLARE NUT

REDUCING SHORT



Connection FFL x OD

Part No.	Size (In.) FFL	Size (In.) OD	Wt./Ea. (Lbs.)	Price
NRS443	1/4	3/16	.040	Call
NRS454	5/16	1/4	.040	Call
NRS464	3/8	1/4	.059	2.22
NRS465	3/8	5/16	.060	3.45
NRS486	1/2	3/8	.081	2.73
NRS4108	5/8	1/2	.128	4.62
NRS4128	3/4	1/2	.270	Call
NRS41210	3/4	5/8	.260	Call

CONNECTOR

FLARE



Connection FFL x FFL
- Appropriate flare gaskets included

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
U44	1/4	.090	6.77
U46	3/8	.158	13.03
U48	1/2	.215	14.62
U410	5/8	.245	Call
U412	3/4	—	15.96

SWIVEL NUT



Connection FFL x FFL

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
US44	1/4	.076	4.70
US45	5/16	.100	Call
US46	3/8	.120	5.23
US48	1/2	.164	6.38
US410	5/8	.254	9.38
US412	3/4	.420	Call

COUPLING

MALE UNION



Connection MFL x MFL

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
U22	1/8	.015	4.97
U23	3/16	.024	Call
U24	1/4	.034	0.79
U25	5/16	.050	Call
U26	3/8	.086	1.42
U28	1/2	.130	2.24
U210	5/8	.196	3.41
U212	3/4	.363	8.57

MALE UNION, REDUCING



Connection MFL x MFL

Part No.	Size (In.) MLF	Size (In.) MFL	Wt./Ea. (Lbs.)	Price
UR243	1/4	3/16	.030	Call
UR254	5/16	1/4	.050	Call
UR264	3/8	1/4	.066	1.46
UR265	3/8	5/16	.073	2.54
UR284	1/2	1/4	.096	2.61
UR286	1/2	3/8	.117	2.19
UR2106	5/8	3/8	.165	3.64
UR2108	5/8	1/2	.177	3.49
UR2128	3/4	1/2	.310	Call
UR21210	3/4	5/8	.330	4.97

FEMALE UNION, REDUCING



Connection FFL x MFL
- Appropriate flare gasket included

Part No.	Size (In.) FFL	Size (In.) MFL	Wt./Ea. (Lbs.)	Price
UR346	1/4	3/8	.062	4.48
UR348	1/4	1/2	.110	13.59
UR364	3/8	1/4	.095	6.69
UR368	3/8	1/2	.132	4.78
UR384	1/2	1/4	.138	10.82
UR386	1/2	3/8	.145	12.06
UR3810	1/2	5/8	.163	9.69
UR3108	5/8	1/2	.194	13.52
UR31012	5/8	3/4	.290	10.87
UR31210	3/4	5/8	.336	27.68

BRASS FITTING-FLARE

COUPLING

MALE HALF UNION



Connection MFL x MPT

Part No.	Size (In.) MFL	MPT	Wt./Ea. (Lbs.)	Price
U13A	3/16	1/8	.024	1.00
U14A	1/4	1/8	.027	0.70
U14B	1/4	1/4	.043	0.98
U14C	1/4	3/8	.071	1.44
U14D	1/4	1/2	.117	2.50
U15A	5/16	1/8	.038	0.80
U16A	3/8	1/8	.062	1.33
U16B	3/8	1/4	.073	1.17
U16C	3/8	3/8	.086	1.41
U16D	3/8	1/2	.129	1.94
U16E	3/8	3/4	.191	2.40
U18B	1/2	1/4	.101	1.89
U18C	1/2	3/8	.113	1.86
U18D	1/2	1/2	.144	2.12
U18E	1/2	3/4	.208	3.55
U110C	5/8	3/8	.151	2.88
U110D	5/8	1/2	.176	2.64
U110E	5/8	3/4	.245	3.88
U112D	3/4	1/2	.274	6.47
U112E	3/4	3/4	.284	6.70

FEMALE HALF UNION



Connection MFL x FPT

Part No.	Size (In.) MFL	FPT	Wt./Ea. (Lbs.)	Price
U34A	1/4	1/8	.038	0.87
U34B	1/4	1/4	.064	1.35
U34C	1/4	3/8	.081	3.18
U36A	3/8	1/8	.064	2.38
U36B	3/8	1/4	.079	1.39
U36C	3/8	3/8	.097	1.76
U36D	3/8	1/2	.162	2.38
U38C	1/2	3/8	.110	1.98
U38D	1/2	1/2	.173	2.55
U310D	5/8	1/2	.190	3.00
U310E	5/8	3/4	.276	3.33

FEMALE HALF UNION



Connection FFL x FPT

Part No.	Size (In.) FFL	FPT	Wt./Ea. (Lbs.)	Price
U64A	1/4	1/8	.027	Call
U64B	1/4	1/4	.045	Call

PIPE



Connection FFL x MPT
- Appropriate flare gasket included

Part No.	Size (In.) FFL	MPT	Wt./Ea. (Lbs.)	Price
U54A	1/4	1/8	.050	7.87
U56B	3/8	1/4	.100	6.02

SWEAT



Connection MFL x OD

Part No.	Size (In.) MFL	OD	Wt./Ea. (Lbs.)	Price
US344	1/4	1/4	.030	Call
US346	1/4	3/8	.030	Call
US364	3/8	1/4	.080	Call
US366	3/8	3/8	.060	Call
US368	3/8	1/2	.060	Call
US3610	3/8	5/8	.080	Call
US386	1/2	3/8	.110	Call
US388	1/2	1/2	.110	1.79
US3810	1/2	5/8	.100	Call
US3812	1/2	3/4	—	Call
US3108	5/8	1/2	.160	Call
US31010	5/8	5/8	.150	Call
US31012	5/8	3/4	.150	Call
US3128	3/4	1/2	0.25	Call
US31212	3/4	3/4	—	Call

SWEAT SWIVEL



Connection FFL x OD

Part No.	Size (In.) FFL	OD	Price
US544	1/4	1/4	2.41
US566	3/8	3/8	4.82
US588	1/2	1/2	5.43
US51010	5/8	5/8	5.60
US51212	3/4	3/4	10.24

BRASS FITTING-FLARE

UNION ELBOW

MALE FLARE



Connection MFL x MFL

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
E23	3/16	.037	Call
E24	1/4	.055	3.02
E25	5/16	.061	Call
E26	3/8	.100	3.60
E28	1/2	.189	4.87
E210	5/8	.230	7.34
E212	3/4	.534	Call

MALE FLARE, REDUCING



Connection MFL x MFL

Part No.	Size (In.) MFL	MFL	Wt./Ea. (Lbs.)	Price
ER264	3/8	1/4	.110	Call
ER284	1/2	1/4	.130	Call
ER286	1/2	3/8	.170	Call
ER2106	5/8	3/8	.200	Call
ER2108	5/8	1/2	.210	Call
ER2128	3/4	1/2	.420	Call

MALE TO FEMALE FLARE



Connection MFL x FFL

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
E444	1/4	.13	Call
E466	3/8	.24	1210.90
E488	1/2	.22	9.01
E41010	5/8	—	Call

SWIVEL



Connection MFL x FFL

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
ES444	1/4	.13	8.42
ES466	3/8	.19	9.72
ES488	1/2	.22	19.28
ES41010	5/8	.31	13.92
ES41212	3/4	.58	Call

HALF UNION



Connection MFL x MPT

Part No.	Size (In.) MFL	MPT	Wt./Ea. (Lbs.)	Price
E14A	1/4	1/8	.039	2.06
E14B	1/4	1/4	.065	2.53
E14C	1/4	3/8	.099	3.74
E15B	5/16	1/4	.086	1.62
E16A	3/8	1/8	.107	3.26
E16B	3/8	1/4	.103	3.08
E16C	3/8	3/8	.109	3.53
E16D	3/8	1/2	.155	4.46
E16E	3/8	3/4	.202	11.92
E18B	1/2	1/4	.145	4.92
E18C	1/2	3/8	.181	4.26
E18D	1/2	1/2	.168	5.23
E18E	1/2	3/4	.206	8.55
E110C	5/8	3/8	.198	7.02
E110D	5/8	1/2	.215	6.34
E110E	5/8	3/4	.258	9.63
E112E	3/4	3/4	.407	13.22

HALF UNION



Connection MFL x FPT

Part No.	Size (In.) MFL	FPT	Wt./Ea. (Lbs.)	Price
E34A	1/4	1/8	.046	3.69
E36B	3/8	1/4	.123	2.93
E36C	3/8	3/8	.103	3.97
E36D	3/8	1/2	.165	6.83
E38E	1/2	3/4	.269	Call

SWEAT



Part No.	Size (In.) MFL	OD	Wt./Ea. (Lbs.)	Price
ES244	1/4	1/4	.04	Call
ES266	3/8	3/8	.08	Call
ES288	1/2	1/2	.12	Call

BRASS FITTING-FLARE

TEE

MALE FLARE



Connection MFL

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
T24	1/4	.068	3.10
T26	3/8	.144	4.48
T28	1/2	.203	6.13
T210	5/8	.331	9.62

MALE FLARE, REDUCING



Connection MFL

	Size (In.)			
Part No.	Run	Branch	Wt./Ea. (Lbs.)	Price
TR264	3/8	1/4	.128	5.35
TR286	1/2	3/8	.195	6.49

FEMALE FLARE, BRANCH



Connection MFL x MFL x FFL (Branch)
- 1/4" flare gasket included

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
T64	1/4	.14	5.84

MALE FLARE, BRANCH



Connection MFL x MFL x MPT (Branch)

	Size (In.)			
Part No.	MFL	MPT (BR)	Wt./Ea. (Lbs.)	Price
T14A	1/4	1/8	.066	3.61
T14B	1/4	1/4	.116	4.67
T14C	1/4	3/8	.120	7.95
T16C	3/8	3/8	.147	5.58
T18D	1/2	1/2	.320	10.44

MALE RUN



Connection MFL x MPT x MFL (Branch)

	Size (In.)			
Part No.	MFL	MPT	Wt./Ea. (Lbs.)	Price
T34A	1/4	1/8	.066	3.24
T34B	1/4	1/4	.085	3.87

CAP

HEX



Connection FFL

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
N54	1/4	.023	0.45
N55	5/16	.032	2.03
N56	3/8	.043	0.78
N58	1/2	.088	1.18
N510	5/8	.093	1.95
N512	3/4	.210	11.58

FLARE FITTING PLUG



Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
P24	1/4	.022	0.71
P26	3/8	.056	1.08
P28	1/2	.090	1.65
P210	5/8	.129	2.49

REFRIGERANT DRUM ADAPTER



- Supplied with gasket.
- P10A gasket available separately (for K11, K13, K15).

	Size (In.)			
Part No.	FPT	MFL	Wt./Ea. (Lbs.)	Price
K18	1/2	1/4	.15	7.31
K11	3/4	1/4	.16	14.53
K13	3/4	3/8	.19	8.99

BRASS FITTING-FLARE

REFRIGERANT DRUM ADAPTER

GASKET



Part No.	Description	Price
K1E	3/4" Gasket, for K11, K13, K15	0.66

PIPE NIPPLE

LONG



Connection MPT

Part No.	Size (In.) MPT	Size (In.) Length	Wt./Ea. (Lbs.)	Price
113A15LF	1/8	1-1/2	.030	16.49
113A2LF	1/8	2	.070	17.73
113A25LF	1/8	2-1/2	.090	20.07
113A3LF	1/8	3	.120	21.69
113A4LF	1/8	4	.180	26.32
113A5LF	1/8	5	.210	32.21
113A6LF	1/8	6	.230	37.28
113B15LF	1/4	1-1/2	.040	19.77
113B2LF	1/4	2	.060	22.38
113B25LF	1/4	2-1/2	.080	24.25
113B3LF	1/4	3	.100	28.46
113B4LF	1/4	4	.170	36.41
113B5LF	1/4	5	.240	43.09
113B6LF	1/4	6	.300	52.52
113C15LF	3/8	1-1/2	.060	20.96
113C2LF	3/8	2	.090	25.46
113C25LF	3/8	2-1/2	.110	27.60
113C3LF	3/8	3	.150	33.75
113C4LF	3/8	4	.210	43.33
113C5LF	3/8	5	.280	50.61
113C6LF	3/8	6	.340	59.50
113D15LF	1/2	1-1/2	.080	27.34
113D2LF	1/2	2	.110	32.11
113D25LF	1/2	2-1/2	.150	10.71
113D3LF	1/2	3	.180	5.67
113D35LF	1/2	3-1/2	.200	Call
113D4LF	1/2	4	.230	58.64
113D45LF	1/2	4-1/2	.260	Call
113D5LF	1/2	5	.290	70.12
113D6LF	1/2	6	.370	85.38
113E15LF	3/4	1-1/2	.016	36.28
113E2LF	3/4	2	.020	42.87
113E3LF	3/4	3	.280	57.34
113E4LF	3/4	4	.400	74.80
113E5LF	3/4	5	.480	89.80
113E6LF	3/4	6	.560	109.25

CLOSE



Connection MPT x MPT

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
112ALF	1/8	.011	3.52
112BLF	1/4	.023	17.09
112CLF	3/8	.034	2.36
112DLF	1/2	.065	2.99
112ELF	3/4	.179	9.79

BRASS FITTING-PIPE

PIPE NIPPLE

HEX



Connection MPT

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
U10A	1/8	.028	Call
U10B	1/4	.057	Call
U10C	3/8	.081	Call
U10D	1/2	.149	Call
U10E	3/4	.150	Call

COUPLING

HEX



Connection FPT x FPT

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
103ALF	1/8	.028	1.37
103BLF	1/4	.057	2.05
103CLF	3/8	.081	3.74
103DLF	1/2	.149	5.13
103ELF	3/4	.150	10.47

BRASS FITTING-PIPE

COUPLING

BUSHING FORGED



Connection MPT x FPT

Part No.	Size (In.) MPT	FPT	Wt./Ea. (Lbs.)	Price
110ABLF	1/8	1/4	—	Call
110BALF	1/4	1/8	.025	1.51
110CALF	3/8	1/8	.049	3.07
110CBLF	3/8	1/4	.038	2.28
110DALF	1/2	1/8	.129	4.93
110DBLF	1/2	1/4	.105	4.26
110DCLF	1/2	3/8	.069	3.65
110EALF	3/4	1/8	.196	33.71
110EBLF	3/4	1/4	.196	9.57
110ECLF	3/4	3/8	.218	8.76
110EDLF	3/4	1/2	.122	6.26
110FBLF	1	1/4	.220	Call
110FCLF	1	3/8	.200	Call
110FDLF	1	1/2	.230	8.37
110FELF	1	3/4	.200	40.30

ELBOW



Connection FPT

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
100ALF	1/8	.06	3.14
100BLF	1/4	.10	6.03
100CLF	3/8	.16	6.95
100DLF	1/2	.20	13.20
100ELF	3/4	.36	12.34

PIPE PLUG

NON-FUSIBLE



Connection MPT

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
121ALF	1/8	.019	1.19
121BLF	1/4	.037	1.84
121CLF	3/8	.061	2.80
121DLF	1/2	.088	4.40
121EFL	3/4	—	Call
121F	1	—	16.18

FUSIBLE



Connection MPT
- Vent to atmosphere

Part No.	Size (In.)	Relief Temperature	Wt./Ea. (Lbs.)	Price
A14022	3/8	165°F	.05	24.48
A14021	3/8	212°F	.05	24.48
A14059	1/4	280°F	.03	18.80

BRASS FITTING-COMPRESSION

TEE



Connection FPT

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
101ALF	1/8	.10	4.92
101BLF	1/4	.16	7.06
101CLF	3/8	.20	9.57
101DLF	1/2	.30	16.39
101ELF	3/4	.48	33.01

COMPRESSION

NUT



Connection FCOMP x OD

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
J612	1/8	.008	0.27
J613	3/16	.011	0.36
J614	1/4	.013	0.38
J615	5/16	.016	0.42
J616	3/8	.019	0.47
J618	1/2	.039	0.79
J6110	5/8	.058	1.04
J6112	3/4	.084	2.55

BRASS FITTING-COMPRESSION

COMPRESSION

SLEEVE



Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
J602	1/8	.001	0.15
J603	3/16	.001	0.13
J604	1/4	.002	0.11
J605	5/16	.002	0.13
J606	3/8	.003	0.14
J608	1/2	.008	0.27
J6010	5/8	.007	0.34
J6012	3/4	.020	0.88
J6014	7/8	.015	1.01

COUPLING



Connection OD

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
J622	1/8	.019	1.49
J623	3/16	.028	1.58
J624LF	1/4	.037	2.85
J625	5/16	.044	1.98
J626LF	3/8	.056	3.71
J628LF	1/2	.095	5.82
J6210LF	5/8	.139	7.62
J6212	3/4	.249	11.54
J6214LF	7/8	.291	18.64

REDUCING COUPLING



Connection OD x OD

Part No.	Connection (In.) Size 1	Size 2	Weight (Lbs.)	Price
62R42	1/4	1/8	-	2.12
62R64LF	3/8	1/4	0.280	4.03
62R86LF	1/2	3/8	0.340	5.86
62R106LF	5/8	3/8	-	6.99
62R108LF	5/8	3/8	-	9.14

ELBOW



Connection FCOMP

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
J654LF	1/4	0.07	3.52
J655	5/16	0.08	4.56
J656LF	3/8	0.10	6.84
J658LF	1/2	0.15	11.39
J6510LF	5/8	0.238	13.26
J6512	3/4	-	20.84

HALF UNION MALE PIPE



Connection OD x MPT

Part No.	Size (In.) OD	MPT	Wt./Ea. (Lbs.)	Price
682A	1/8	1/8	.027	1.16
883ALF	3/16	1/8	.036	Call
684ALF	1/4	1/8	.039	1.98
684BLF	1/4	1/4	.051	2.46
684CLF	1/4	3/8	.070	3.57
684DLF	1/4	1/2	.116	5.83
685B	5/16	1/4	.058	1.61
686ALF	3/8	1/8	.054	2.79
686BLF	3/8	1/4	.064	2.77
686CLF	3/8	3/8	.082	2.23
686DLF	3/8	1/2	.114	4.13
688BLF	1/2	1/4	.102	5.04
688CLF	1/2	3/8	.109	4.38
688DLF	1/2	1/2	.139	4.90
688ELF	1/2	3/4	.250	Call
6810CLF	5/8	3/8	.155	Call
6810DLF	5/8	1/2	.169	5.91
6810ELF	5/8	3/4	.233	8.80
6812DLF	3/4	1/2	.254	Call
6812ELF	3/4	3/4	.295	Call

BRASS FITTING-COMPRESSION

COMPRESSION

HALF UNION FEMALE PIPE



Connection OD x FPT

Part No.	Size (In.) OD	FPT	Wt./Ea. (Lbs.)	Price
663A	3/16	1/8	.031	1.28
664ALF	1/4	1/8	.045	2.96
664BLF	1/4	1/4	.068	3.05
665B	5/16	1/4	.074	2.01
666BLF	3/8	1/4	.078	3.65
666CLF	3/8	3/8	.092	3.76
666DLF	3/8	1/2	.138	4.15
668C	1/2	3/8	.119	2.68
668DLF	1/2	1/2	.173	6.14
6610DLF	5/8	1/2	.195	6.83

HALF UNION ELBOW



Connection OD x MPT

Part No.	Size (In.) OD	MPT	Wt./Ea. (Lbs.)	Price
694ALF	1/4	1/8	.050	5.04
694CLF	1/4	3/8	.107	5.54
695B	5/16	1/4	.077	3.12
696A	3/8	1/8	.074	3.42
696BLF	3/8	1/4	.092	5.29
696CLF	3/8	3/8	.116	6.19
696DLF	3/8	1/2	.151	8.22
698CLF	1/2	3/8	.149	7.88
698DLF	1/2	1/2	.189	9.89
6910DLF	5/8	1/2	.238	13.53

TEE



Connection OD

Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
J642	1/8	.045	12.67
J643	3/16	.053	4.57
J644LF	1/4	.067	6.62
J645	5/16	.093	5.85
J646LF	3/8	.095	9.07
J648LF	1/2	.159	16.27
J6410LF	5/8	.236	19.69
J6412	3/4	.334	32.28

PNEUMATIC FITTING

COUPLING



Connection Barb x Barb

Part No.	Size (In.) Bard	Barb	Wgt./Ea. (Lbs.)	Price
B262	1/4	3/16	-	11.15
B267	1/2	1/2	-	6.06
B260	5/32	5/32	0.001	1.40
B263	1/4	1/4	0.004	1.14
B264	3/8	3/8	0.008	1.86
B261	1/4	5/32	0.003	2.10
B265	1/4	3/8	0.006	1.32
B266	3/8	1/2	0.014	2.72

HALF UNION



Connection Barb x MPT

Part No.	Size (In.) Barb	MPT	Wgt./Ea. (Lbs.)	Price
B131-10	5/32	1/8	0.03	5.34
B132	1/4	1/8	0.03	3.08
B133	3/8	1/8	0.03	4.23
B134	3/8	1/4	0.03	7.95
B135	1/4	1/8	-	4.36

90° ELBOW



Part No.	Size (In.) Barb	Barb	Wgt./Ea. (Lbs.)	Price
B573	1/4	1/4	0.009	2.56
B574	3/8	3/8	0.01	5.82
B575	1/2	1/2	0.03	14.30

HALF UNION



Connection Barb x MPT

Part No.	Size (In.) Barb	MPT	Wgt./Ea. (Lbs.)	Price
B571	1/4	1/8	.036	4.37

PNEUMATIC FITTING

90° ELBOW

HALF UNION, FEMALE



Connection Barb x FPT

Part No.	Size (In.) Barb	FPT	Wgt./Ea. (Lbs.)	Price
B572	1/4	1/8	0.01	5.01

TEE

CONNECTION BARB X BARB (BRANCH)





Connection Barb x Barb (Branch)

Part No.	Size (In.) Barb	Barb	Barb (BR)	Wgt./Ea. (Lbs.)	Price
B374	5/32	5/32	5/32	0.01	3.50
B376	1/4	1/4	1/4	0.01	2.69
B378	3/8	3/8	3/8	0.02	7.44
B381	1/2	1/2	1/2	0.03	11.43
B375	1/4	1/4	5/32	0.01	5.03
B377	3/8	3/8	1/4	0.02	3.73
B379	1/2	1/2	1/4	0.03	10.20
B380	1/2	1/2	3/8	0.1	5.56

MALE BRANCH



Connection Barb x Barb x MPT (Branch)

Part No.	Size (In.) Barb	Barb	MPT (BR)	Wgt./Ea. (Lbs.)	Price
B371	1/4	1/4	1/8	0.03	5.75
B372	1/4	1/4	1/8	0.03	26.01

COUPLING

COMPRESSION UNION



Connection Barb x Compression

Part No.	Size (In.) Barb	OD	Wgt./Ea. (Lbs.)	Price
B136	3/16	1/4	0.03	34.80
B137	1/4	1/4	0.03	4.08

BULKHEAD



Connection Barb x Compression

Part No.	Size (In.) Barb	OD	Wgt./Ea. (Lbs.)	Price
B138	1/4	1/4	0.02	14.87
B139	3/8	3/8	0.03	27.96

PLUG

CONNECTION BARB



Part No.	Size (In.)	Wgt./Ea. (Lbs.)	Price
B391	1/4-and-5/32	0.007	1.24
B392	3/8	0.012	2.60
B393	1/2	0.01	11.10

POLY TUBE INSERT



Part No.	Poly Tube Size OD (In.)	Wgt./Ea. (Lbs.)	Price
C384	1/4	.001	0.94
C385	3/8	.002	1.38

DELRIN FERRULE



See page XXX (977) for pneumatic tubing

Part No.	Poly Tube Size OD (In.)	Wgt./Ea. (Lbs.)	Price
C381	1/4	.0004	0.83
C382	3/8	.0006	2.03

BLACK IRON PIPE

BACK IRON PIPE



Part No.	Size (In.) Nom. Pipe	OD	Wall Thickness (In.)	Wt./Ea. (Lbs.)	Price
12BIP	1/2	0.840	0.109	17.85	0.90
34BIP	3/4	1.050	0.113	23.73	1.03
1BIP	1	1.315	0.133	35.28	1.25
114BIP	1-1/4	1.660	0.140	47.88	1.85
112BIP	1-1/2	1.900	0.145	57.33	2.05
2BIP	2	2.375	0.154	77.28	2.90
212BIP	2-1/2	2.875	0.203	121.65	Call

PLUG



Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
P18BIP	1/8	300	.03	5.28
P14BIP	1/4	150	.05	5.28
P38BIP	3/8	100	.07	5.28
P12BIP	1/2	50	.09	8.66
P34BIP	3/4	30	.12	7.87
P1BIP	1	20	.21	9.93
P114BIP	1-1/4	40	.32	8.86
P112BIP	1-1/2	30	.45	12.34
P2BIP	2	20	.72	17.63

*Box quantity for ordering convenience only

CAP



Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
PC18BIP	1/8	120	.03	8.05
PC14BIP	1/4	80	.05	8.05
PC38BIP	3/8	60	.09	8.05
PC12BIP	1/2	75	.12	8.69
PC34BIP	3/4	40	.19	12.91
PC1BIP	1	35	.34	14.16
PC114BIP	1-1/4	25	.67	13.11
PC112BIP	1-1/2	25	.67	22.88
PC2BIP	2	18	1.06	23.33

*Box quantity for ordering convenience only

UNION



Connection FPT x FPT

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
U14BIP	1/4	20	.17	42.17
U38BIP	3/8	20	.25	28.43
U12BIP	1/2	50	.39	42.20
U34BIP	3/4	30	.56	50.28
U1BIP	1	30	.82	65.70
U114BIP	1-1/4	15	1.28	72.01
U112BIP	1-1/2	10	1.76	87.95
U2BIP	2	6	2.53	146.17

*Box quantity for ordering convenience only

BUSHING

REDUCING



Connection MPT x FPT

Part No.	Size (In.) 1 (MPT)	2 (FPT)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
RB1418BIP	1/4	1/8	120	.02	Call
521-921	3/8	1/4	75	.03	10.96
RB1214BIP	1/2	1/4	60	.06	Call
RB1238BIP	1/2	3/8	60	.05	10.96
RB3438BIP	3/4	3/8	50	.12	10.75
RB3412BIP	3/4	1/2	50	.10	14.03
RB112BIP	1	1/2	50	.20	13.12
RB134BIP	1	3/4	50	.16	14.43
RB11412BIP	1-1/4	1/2	30	.27	14.68
RB11434BIP	1-1/4	3/4	30	.35	13.19
RB1141BIP	1-1/4	1	30	.28	18.62
RB11212BIP	1-1/2	1/2	25	.34	Call
RB11234BIP	1-1/2	3/4	25	.37	16.72
RB1121BIP	1-1/2	1	25	.43	14.67
RB112114BIP	1-1/2	1-1/4	25	.31	21.51
RB212BIP	2	1/2	20	.59	Call
RB21BIP	2	1	20	.59	25.67
RB2114BIP	2	1-1/4	20	.70	20.01
RB2112BIP	2	1-1/2	20	.63	22.30
RB2122BIP	2-1/2	2	15	.84	33.60

*Box quantity for ordering convenience only

BLACK IRON PIPE

COUPLING



Connection FPT x FPT

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
C18BIP	1/8	70	.06	12.08
C14BIP	1/4	40	.09	10.23
C38BIP	3/8	60	.12	10.23
C12BIP	1/2	40	.17	12.91
C34BIP	3/4	50	.28	13.84
C1BIP	1	25	.46	19.04
C114BIP	1-1/4	16	.65	26.84
C112BIP	1-1/2	18	.89	25.40
C2BIP	2	12	1.42	37.03
C212BIP	2-1/2	8	2.58	Call
C3BIP	3	8	3.35	Call

*Box quantity for ordering convenience only

REDUCING



Connection FPT x FPT

Part No.	Size (In.)		Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
	1 (FPT)	2 (FPT)			
RC1418BIP	1/4	1/8	50	.07	Call
RC3818BIP	3/8	1/8	35	.10	Call
RC3814BIP	3/8	1/4	30	.10	9.94
RC1214BIP	1/2	1/4	50	.20	9.06
RC1238BIP	1/2	3/8	40	.16	8.56
RC3438BIP	3/4	3/8	30	.23	Call
RC3412BIP	3/4	1/2	60	.24	15.22
RC112BIP	1	1/2	30	.38	19.55
RC134BIP	1	3/4	25	.39	21.51
RC11412BIP	1-1/4	1/2	25	.56	21.90
RC11434BIP	1-1/4	3/4	25	.60	19.02
RC1141BIP	1-1/4	1	15	.65	24.40
RC11212BIP	1-1/2	1/2	20	.71	Call
RC11234BIP	1-1/2	3/4	15	.78	Call
RC1121BIP	1-1/2	1	25	.88	27.85
RC112114BIP	1-1/2	1-1/4	12	.88	24.03
RC212BIP	2	1/2	14	1.28	Call
RC234BIP	2	3/4	14	1.27	39.93
RC21BIP	2	1	14	1.31	37.79
RC2114BIP	2	1-1/4	14	1.43	39.93
RC2112BIP	2	1-1/2	—	1.41	34.92
RC2122BIP	2-1/2	2	20	2.43	Call

*Box quantity for ordering convenience only

PIPE NIPPLE

RUN



Connection MPT x MPT
Assortment of pipe nipples – close through 6" length.

Part No.	Size (In.)	Number of Pieces	Price
BNKD25	1/2	25	125.66
BNKE25	3/4	25	150.79
1RUN	1	10	Call

CLOSE



Connection MPT x MPT

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
CN18BIP	1/8	25	.01	Call
CN14BIP	1/4	25	.02	3.07
CN38BIP	3/8	25	.03	2.47
CN12BIP	1/2	25	.05	3.20
CN34BIP	3/4	25	.09	3.67
CN1BIP	1	25	.15	3.48
CN114BIP	1-1/4	5	.20	5.59
CN112BIP	1-1/2	5	.29	6.98
CN2BIP	2	5	.43	7.46

*Box quantity for ordering convenience only

BLACK IRON PIPE

PIPE NIPPLE

LONG



Part No.	Size (In.)	Length (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
M580015	1/8	1-1/2	25	.03	1.90
M580020	1/8	2	25	.04	1.90
M580025	1/8	2-1/2	25	.05	3.17
M580035HC	1/8	3-1/2	25	.07	3.48
M580050HC	1/8	5	25	.10	6.60
M581015	1/4	1-1/2	25	.04	2.57
M581020	1/4	2	25	.06	3.27
M581025	1/4	2-1/2	25	.08	3.32
M581030HC	1/4	3	25	.11	3.65
M581035HC	1/4	3-1/2	25	.13	3.82
M581040HC	1/4	4	25	.15	5.34
M581045HC	1/4	4-1/2	25	.16	5.82
M581060HC	1/4	6	25	.22	7.55
M582015	3/8	1-1/2	25	.06	3.93
M582020	3/8	2	25	.09	2.81
M582025	3/8	2-1/2	25	.11	3.61
M582040HC	3/8	4	25	.19	4.23
M582045HC	3/8	4-1/2	25	.21	6.11
M582050HC	3/8	5	25	.24	6.11
M582060HC	3/8	6	25	.29	6.80
M583020	1/2	2	25	.11	2.91
M583025	1/2	2-1/2	25	.15	3.14
M583030	1/2	3	25	.18	3.46
M583035	1/2	3-1/2	25	.21	3.77
M583040HC	1/2	4	25	.25	4.14
M583045HC	1/2	4-1/2	25	.28	4.42
M583050HC	1/2	5	25	.31	4.42
M583055HC	1/2	5-1/2	25	.35	4.94
M583060HC	1/2	6	25	.38	5.44
M583080HC	1/2	8	25	.52	8.88
M583100HC	1/2	10	25	.66	9.24
M583120HC	1/2	12	25	.80	13.94
M583180HC	1/2	18	1	1.20	15.60
M583240HC	1/2	24	1	1.60	20.35
M583300HC	1/2	30	1	2.00	23.87
M583360HC	1/2	36	1	2.40	28.16
M583480HC	1/2	48	1	3.20	35.59
M583600HC	1/2	60	1	4.00	59.67
M584015	3/4	1-1/2	25	.12	2.57
M584020	3/4	2	25	.14	3.60
M584025	3/4	2-1/2	25	.19	4.07
M584030	3/4	3	25	.24	3.70
M584035	3/4	3-1/2	25	.29	4.59
M584040HC	3/4	4	25	.34	4.59
M584045HC	3/4	4-1/2	25	.39	4.53
M584050HC	3/4	5	25	.44	5.75
M584055HC	3/4	5-1/2	25	.50	5.13
M584060HC	3/4	6	25	.55	7.17
M584080HC	3/4	8	25	.71	11.97
M584100HC	3/4	10	25	.86	9.95
M584120HC	3/4	12	25	1.02	14.07
M584180HC	3/4	18	1	1.57	19.25
M584240HC	3/4	24	1	2.12	24.66
M584300HC	3/4	30	1	2.67	28.84
M584360HC	3/4	36	1	3.22	34.15
M584480HC	3/4	48	1	4.32	45.47
M584600HC	3/4	60	1	5.42	55.68
M585020	1	2	25	.20	5.32
M585025	1	2-1/2	25	.28	4.43
M585030	1	3	25	.35	5.63
M585035	1	3-1/2	25	.42	6.99
M585040HC	1	4	25	.47	6.35
M585045HC	1	4-1/2	25	.55	5.93
M585050HC	1	5	25	.61	8.28
M585055HC	1	5-1/2	25	.68	7.00
M585060HC	1	6	25	.73	9.78
M585360HC	1	36	1	4.62	38.63
M586020	1-1/4	2	5	.29	6.34
M586025	1-1/4	2-1/2	5	.37	5.83
M586030	1-1/4	3	5	.48	6.73
M586035	1-1/4	3-1/2	5	.57	6.27
M586040HC	1-1/4	4	5	.66	8.77
M586050HC	1-1/4	5	5	.83	8.25
M586060HC	1-1/4	6	5	1.01	12.45
M587020	1-1/2	2	5	.34	6.51
M587025	1-1/2	2-1/2	5	.46	6.60
M587040HC	1-1/2	4	5	.78	8.16
M587045HC	1-1/2	4-1/2	5	.89	9.04
M587050HC	1-1/2	5	5	1.00	9.04
M587055HC	1-1/2	5-1/2	5	1.12	10.38
M587060HC	1-1/2	6	5	1.23	13.19
M587080HC	1-1/2	8	5	1.65	16.49
M587100HC	1-1/2	10	5	2.10	19.28
M588025	2	2-1/2	5	.57	10.88
M588030	2	3	5	.70	8.56
M588040HC	2	4	5	.97	11.40
M588060HC	2	6	5	1.64	15.38

*Box quantity for ordering convenience only

90° ELBOW



Connection FPT x FPT

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
E18BIP	1/8	50	.07	8.61
E14BIP	1/4	35	.11	10.51
E38BIP	3/8	45	.18	8.19
E12BIP	1/2	50	.26	9.54
E34BIP	3/4	35	.38	11.52
E1BIP	1	20	.63	18.40
E114BIP	1-1/4	20	.96	21.12
E112BIP	1-1/2	10	1.31	27.84
E2BIP	2	8	2.05	61.25

*Box quantity for ordering convenience only

BLACK IRON PIPE

90° ELBOW

STREET



Connection FPT x MPT

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
EF18BIP	1/8	60	.07	12.42
EF14BIP	1/4	35	.11	12.42
EF38BIP	3/8	40	.17	12.42
520-303	1/2	60	.24	16.32
520-304	3/4	35	.41	19.27
520-305	1	30	.63	17.84
520-306	1-1/4	25	1.10	27.26
EF112BIP	1-1/2	9	1.47	Call
EF2BIP	2	10	2.85	Call

*Box quantity for ordering convenience only

REDUCING



Connection FPT x FPT

Part No.	Size (In.) FPT	Size (In.) FPT	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
RE3412BIP	3/4	1/2	30	.39	11.62
RE134BIP	1	3/4	25	.55	14.86
RE11412BIP	1-1/4	1/2	35	.83	Call
RE1141BIP	1-1/4	1	10	.87	Call
RE2112BIP	2	1-1/2	10	1.75	Call

*Box quantity for ordering convenience only

45° ELBOW



Connection FPT x FPT

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
E4538BIP	3/8	50	.17	11.55
E4512BIP	1/2	50	.22	14.16
E4534BIP	3/4	40	.33	12.23
E451BIP	1	20	.54	Call
E45114BIP	1-1/4	20	.87	27.26
E45112BIP	1-1/2	10	1.16	33.65
E452BIP	2	12	1.79	50.66

*Box quantity for ordering convenience only

STREET



Connection FPT x MPT

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
520-203	1/2	75	.20	14.16
E45F34BIP	3/4	40	.32	Call
E45F1BIP	1	25	.52	Call
520-206	1-1/4	10	.85	27.26
520-207	1-1/2	10	1.22	33.65
E45F2BIP	2	12	2.85	Call

*Box quantity for ordering convenience only

TEE



Connection FPT x FPT x FPT

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
T18BIP	1/8	80	.09	13.11
T14BIP	1/4	50	.15	12.41
T38BIP	3/8	30	.23	12.41
T12BIP	1/2	40	.36	11.30
T34BIP	3/4	35	.56	17.59
T1BIP	1	20	.92	20.00
T114BIP	1-1/4	14	1.31	32.48
T112BIP	1-1/2	15	1.75	40.41
T2BIP	2	10	2.55	68.67

*Box quantity for ordering convenience only

REDUCING



Connection FPT x FPT x FPT (Branch)

Part No.	Size (In.) FPT	Size (In.) FPT	Size (In.) FPT (BR)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
T121214BIP	1/2	1/2	1/4	—	.33	Call
T343438BIP	3/4	3/4	3/8	30	.43	Call
T343412BIP	3/4	3/4	1/2	30	.46	22.44
T1112BIP	1	1	1/2	15	.70	Call
T1134BIP	1	1	3/4	25	.81	22.26
T1143434BIP	1-1/4	3/4	3/4	10	.90	Call
T1141141BIP	1-1/4	1-1/4	1	16	1.13	Call
T1121121BIP	1-1/2	1-1/2	1	13	1.46	Call
T2114114BIP	2	1-1/4	1-1/4	6	1.88	Call
T2112112BIP	2	1-1/2	1-1/2	8	2.37	Call
T22112BIP	2	2	1-1/2	8	2.37	Call

*Box quantity for ordering convenience only

PVC FITTING

PVC TUBING

PVC SCHEDULE 40



Standard length 20 ft. If operating temperature is above 73°F, working pressure must be de-rated. Not recommended for use in compressed air or gas systems. Handles commercial and industrial applications in which metal pipe will not withstand the reactive effects of chemicals or other corrosive materials. Light weight facilitates installation with conventional tools and piping techniques. Manufactured in U.S.A. to ASTM material and dimensional standards. Schedule 40 PVC and Schedule 40 and 80 CPVC meet material standard ASTM D-1784. Schedule 40 PVC meets dimensional standard ASTM D-1785 and Schedule 40 and 80 CPVC meet dimensional standard ASTM F-441. NSF certified for potable water service to standard 14/61.

Part No.	Nom. Pipe Size (In.)	Outside Dia. (In.)	Min. Wall Thickness (In.)	Max. W.P. PSI @ 73°F	Nominal Wt. Lbs./Ft.	Price/Ft.
12PVC40	1/2	0.840	0.109	600	0.162	0.44
34PVC40	3/4	1.050	0.113	480	0.219	0.49
1PVC40	1	1.315	0.133	450	0.320	1.29
114PVC40	1-1/4	1.660	0.140	370	0.431	0.81
112PVC40	1-1/2	1.900	0.145	330	0.519	0.99
2PVC40	2	2.375	0.154	280	0.693	2.56
212PVC40	2-1/2	2.875	0.203	300	1.133	2.16
3PVC40	3	3.500	0.216	260	1.455	5.66
4PVC40	4	4.500	0.237	220	2.050	3.52
6PVC40	6	6.625	0.280	180	3.615	Call
8PVC40	8	8.625	0.322	160	5.436	Call

COUPLING

SLIP



Connection Slip x Slip

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
C12PVC	1/2	100	0.045	0.46
C34PVC	3/4	50	0.065	0.64
C1PVC	1	50	0.095	1.14
C114PVC	1-1/4	25	0.135	1.56
C112PVC	1-1/2	25	0.170	1.51
C2PVC	2	25	0.230	2.55
E429025	2-1/2	10	0.485	5.08
C3PVC	3	10	0.645	8.86
E429040	4	5	1.060	11.52
E429060	6	5	2.230	36.41

*Box quantity for ordering convenience only

REDUCING BUSHING



Connection SPG x Slip

Part No.	Size (In.) SPG	Size (In.) SLIP	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
RB3412PVC	3/4	1/2	100	0.035	0.75
RB112PVC	1	1/2	100	0.075	1.23
RB134PVC	1	3/4	100	0.060	1.35
RB11412PVC	1-1/4	1/2	25	0.140	1.65
RB11434PVC	1-1/4	3/4	25	0.125	1.96
RB1141PVC	1-1/4	1	25	0.100	1.65
RB11212PVC	1-1/2	1/2	25	0.170	Call
RB11234PVC	1-1/2	3/4	25	0.175	1.93
RB1121PVC	1-1/2	1	25	0.150	1.74
RB112114PVC	1-1/2	1-1/4	25	0.100	1.93
E437247	2	1/2	10	0.240	1.96
RB234PVC	2	3/4	10	0.260	2.87
RB21PVC	2	1	10	0.285	2.87
RB2114PVC	2	1-1/4	10	0.245	2.87
RB2112PVC	2	1-1/2	10	0.200	3.18
RB212114PVC	2-1/2	1-1/4	10	0.260	4.62
RB2122PVC	2-1/2	2	10	0.285	4.62
RB32PVC	3	2	10	0.595	7.58
RB3212PVC	3	2-1/2	10	0.425	6.82

*Box quantity for ordering convenience only

ADAPTER

FEMALE



Connection Slip x FPT

Part No.	Size (In.) SLIP	Size (In.) FPT	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
AF12PVC	1/2	1/2	100	0.045	0.80
AF34PVC	3/4	3/4	50	0.065	1.02
AF3412PVC	3/4	1/2	50	0.070	Call
AF1PVC	1	1	50	0.080	1.18
AF134PVC	1	3/4	50	0.090	Call
AF114PVC	1-1/4	1-1/4	25	0.110	1.65
AF112PVC	1-1/2	1-1/2	25	0.155	2.08
AF2PVC	2	2	25	0.225	2.53
AF212PVC	2-1/2	2-1/2	10	0.450	Call
AF3PVC	3	3	10	0.605	5.85
AF4PVC	4	4	5	0.895	9.69

*Box quantity for ordering convenience only

PVC FITTING

ADAPTER

MALE



Connection Slip x MPT

Part No.	Size (In.) MPT	Size (In.) SLIP	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
AM12PVC	1/2	1/2	100	0.045	0.64
AM1234PVC	1/2	3/4	50	0.060	1.16
AM3412PVC	3/4	1/2	50	0.050	1.06
AM34PVC	3/4	3/4	50	0.055	0.72
AM341PVC	3/4	1	50	0.090	Call
AM134PVC	1	3/4	50	0.080	3.93
AM1PVC	1	1	50	0.100	1.28
AM114PVC	1-1/4	1-1/4	25	0.150	1.41
AM1141PVC	1-1/4	1	25	0.130	3.85
AM112PVC	1-1/2	1-1/2	25	0.190	1.89
AM2112PVC	2	1-1/2	10	0.250	Call
AM2PVC	2	2	25	0.285	2.75
AM212PVC	2-1/2	2-1/2	10	0.415	4.96
3INPVCP	3	3	10	0.680	5.66

*Box quantity for ordering convenience only

90° ELBOW

SLIP



Connection Slip x Slip

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
E12PVC	1/2	50	0.065	0.71
E34PVC	3/4	50	0.085	0.80
E1PVC	1	50	0.140	1.44
E114PVC	1-1/4	25	0.260	2.53
E112PVC	1-1/2	25	0.325	2.45
E2PVC	2	25	0.510	4.28
E212PVC	2-1/2	10	0.810	11.73
E3PVC	3	10	1.140	15.55
E406040	4	5	1.885	25.09
E6PVC	6	4	4.550	Call

*Box quantity for ordering convenience only

STREET



Connection SPG x Slip

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
EF12PVC	1/2	50	0.070	2.01
EF34PVC	3/4	50	0.080	2.47
EF1PVC	1	50	0.120	4.26
EF114PVC	1-1/4	25	0.275	4.61
EF112PVC	1-1/2	25	0.330	5.08
EF2PVC	2	10	0.515	9.81

*Box quantity for ordering convenience only

FEMALE PIPE



Connection Slip x FPT

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
EFPT12PVC	1/2	50	0.085	0.80
EFPT34PVC	3/4	50	0.130	1.02
EFPT1PVC	1	50	0.155	1.72
EFPT114PVC	1-1/4	25	0.230	2.87
EFPT112PVC	1-1/2	25	0.320	3.19

*Box quantity for ordering convenience only

STREET, MALE PIPE



Connection Slip x MPT

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
E409005	1/2	50	0.042	2.01
EMPT34PVC	3/4	50	0.061	1.82
EMPT1PVC	1	50	0.110	2.76
EMPT114PVC	1-1/4	25	0.285	3.85
EMPT112PVC	1-1/2	25	0.335	4.03
EMPT2PVC	2	10	0.525	9.91

*Box quantity for ordering convenience only

PVC FITTING

45° ELBOW



Connection Slip x Slip

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
E4512PVC	1/2	50	0.050	1.18
E4534PVC	3/4	50	0.075	1.83
E451PVC	1	50	0.115	2.19
E45114PVC	1-1/4	25	0.170	2.76
E45112PVC	1-1/2	25	0.220	3.83
E452PVC	2	25	0.305	5.00
E45212PVC	2-1/2	10	0.600	11.75
E453PVC	3	10	0.820	20.20
E454PVC	4	5	1.330	32.68

*Box quantity for ordering convenience only

TEE





Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
T12PVC	1/2	50	0.080	0.80
T34PVC	3/4	50	0.110	1.02
T1PVC	1	50	0.190	1.91
T114PVC	1-1/4	25	0.385	2.99
T112PVC	1-1/2	25	0.500	3.26
T2PVC	2	25	0.775	4.75
T212PVC	2-1/2	10	1.010	15.67
ET75	3/4	20	0.146	14.00
ET75KIT	-	-	-	75.36
ST75	-	-	-	53.52

*Box quantity for ordering convenience only

**SLIP x FPT (PLug) x Slip

CAP

SLIP



Connection Slip

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
SC12PVC	1/2	100	0.030	0.64
SC34PVC	3/4	100	0.040	0.75
SC1PVC	1	50	0.070	1.18
SC114PVC	1-1/4	25	0.105	1.67
SC112PVC	1-1/2	25	0.125	1.65
SC2PVC	2	25	0.190	1.98

*Box quantity for ordering convenience only

THREADED



Connection FPT

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
TCAP12PVC	1/2	100	0.050	1.23
TCAP34PVC	3/4	100	0.065	1.41
TCAP1PVC	1	50	0.115	2.14

*Box quantity for ordering convenience only

PLUG

SLIP



Connection SPG

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
SP12PVC	1/2	50	0.028	1.41
SP34PVC	3/4	50	0.040	1.82
SP1PVC	1	50	0.070	1.98
SP114PVC	1-1/4	25	0.116	2.64
SP112PVC	1-1/2	25	0.167	3.36

*Box quantity for ordering convenience only

THREADED



Connection MPT

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
P12PVC	1/2	50	0.020	1.74
P34PVC	3/4	50	0.030	2.07
P1PVC	1	50	0.070	3.04
P114PVC	1-1/4	25	0.110	3.20
P112PVC	1-1/2	25	0.160	3.44
P2PVC	2	10	0.220	4.43
E450025	2-1/2	10	0.240	4.19

*Box quantity for ordering convenience only

TRAP

P



Connection SPG x SPG

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
PT34PVC	3/4	50	0.225	3.18
PT1PVC	1	10	0.330	5.08

*Box quantity for ordering convenience only

PVC FITTING

TRAP

RUN



Connection SPG x SPG

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
RT34PVC	3/4	50	0.225	3.18
RT1PVC	1	10	0.250	Call

*Box quantity for ordering convenience only

UNION



Connection Slip x Slip

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
U12PVC	1/2	10	0.155	7.81
U34PVC	3/4	10	0.230	9.93
U1PVC	1	10	0.325	11.97
U114PVC	1-1/4	5	0.475	22.52

*Box quantity for ordering convenience only

COUPLING, DWV

REDUCING



Connection Slip x Slip

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
RC32PVCDWV	3 x 2	50	0.397	10.02

*Box quantity for ordering convenience only

90° ELBOW, DWV

LONG RADIUS



Connection Slip x Slip

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
EL2PVCDWV	2	50	0.409	12.98
EL3PVCDWV	3	25	1.268	26.10

*Box quantity for ordering convenience only

45° ELBOW, DWV

SLIP



Connection Slip x Slip

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
E452PVCDWV	2	50	0.281	5.41
E453PVCDWV	3	20	0.842	9.16

*Box quantity for ordering convenience only

VINYL TUBING



NATIONAL REFRIGERATION PRODUCTS

Part No.	ID (In.)	Roll Length (Ft.)	Price/Ft.
14VT	1/4	100	0.13
38VT	3/8	100	0.14
12VT	1/2	100	0.24
58VT	5/8	100	0.30
34VT	3/4	100	0.40
78VT	7/8	50	0.58
1VT	1	25	1.13

PVC FITTING

SOLVENT

LIGHT DUTY CEMENT



Cement for PVC and PVC/DBS transitions
- Clear color
- Maximum pipe size: 2' pressure Sch 40, 4' DWV Sch 40
- Regular body, fast set
- With dauber top

Part No.	Container Size	Case Qty.	Price/Ea.
O31012	4 oz.	24	6.46
O31013	8 oz.	24	9.76
O31014	16 oz.	12	18.49
O31015	32 oz.	12	32.25

HEAVY DUTY CEMENT



Heavy Duty Cement for PVC
- Gray color
- Maximum pipe size: 12" pressure Sch 40, Sch 80
- Heavy body, medium set
- With dauber top

RECTORSEAL

Part No.	Container Size	Case Qty.	Price/Ea.
QTHDC	Quart	12	Call

PRIMER, STANDARD



Primer for PVC and CPVC plastic pipe
- Clear color
- With dauber top

Part No.	Container Size	Case Qty.	Price/Ea.
O30751	8 oz.	12	10.52
O30752	16 oz.	12	22.95

PRIMER, HIGH ETCH



Hi-Etch primer for PVC and CPVC
- Purple color
- With dauber top

Part No.	Container Size	Case Qty.	Price/Ea.
O30756	8 oz.	24	10.80
O30752	16 oz.	12	22.95

ACCESS FITTING

EXTENSION TUBE



- Use flux free phos-copper-solder
- Extension length approximately 2"

JB

Part No.	Slip Fit (In.)	Pkg. Qty.	Price
A31002	1/8 OD	5	14.59
A31003	3/16 OD x 1/8 ID	5	14.72
A31004	1/4 OD x 3/16 ID	5	14.83
A31005	5/16 OD x 1/4 ID	5	16.78
A31006	3/8 OD x 5/16 ID	5	16.92
A31008	1/2 OD	5	25.00

MULTI STEP EXTENSION



- 1/8" OD, 3/16", 1/4", 5/16" ODF body steps

JB

Part No.	Description	Pkg. Qty.	Price
A31009	Multi Step Tube Extension	5	Call
A31720	3/16 ODS x (3/8,1/4) ODF	5	11.84
A31729	3/16,1/4,5/16,1/2 ODF	3	9.90
1000036	3/16 ODS x (3/8,1/4) ODF	5	11.38

STUB TUBE



JB

Part No.	Slip Fit (In.)	Pkg. Qty.	Price
A31722	1/8 ODS x 1/4 ODF	3	Call
A31723	3/16 ODS x 1/4 ODF	3	9.77
A31724	1/4 ODS x 3/8 ODF	3	7.89
A31725	5/16 ODS x 1/2 ODF	3	Call
A31726	3/8 ODS x 1/2 ODF	3	9.20
A31728	1/2 ODS x 5/8 ODF	3	Call

IRP International Refrigeration Products ANCHOR

Part No.	Slip Fit (In.)	Pkg. Qty.	Price
1000039	3/16 ODS x 1/4 ODF	3	9.39
1000040	1/4 ODS x 3/8 ODF	3	7.58

ACCESS FITTING

SOLDER TEE



Part No.	Slip Fit (In.)	Pkg. Qty.	Overall Length (In.)	Price
A31134	1/4 ODS x 5/16 ODF	3	2-1/8	17.35
A31135	5/16 ODS x 3/8 ODF	3	2-1/8	18.54
A31136	3/8 ODS x 1/2 ODF	3	2-1/8	17.91
A31138	1/2 ODS	3	2-1/8	19.11
A31140	5/8 ODS	1	2-1/2	9.34
A31142	3/4 ODS	1	3	9.90
A31144	7/8 ODS	1	3-1/2	12.21
A31148	1-1/8 ODS	1	3-13/16	18.68

SOLDER UNION TEE



Part No.	Tube Size (In.)	Pkg. Qty.	Price
A31200	3/8	2	Call
A31201	1/2	2	Call
A31202	5/8	2	Call
A31204	7/8	2	Call

SOLDER 90° ELBOW



Part No.	Slip Fit (In.)	Pkg. Qty.	Price
A31160	5/8 ODS	1	21.73
A31162	3/4 ODS	1	22.18
A31164	7/8 ODS	1	23.37
A31168	1 1/8 ODS	1	Call

SWIVEL TEE - DEPRESSOR



Part No.	Description	Pkg. Qty.	Price
A31851	Female Swivel on Run	3	26.69
A31852	Female Swivel on Branch	3	25.99

Part No.	Description	Pkg. Qty.	Price
1000049	Female Swivel on Run	3	25.82
1000050	Female Swivel on Branch	3	24.98

SWIVEL TEE - 1/4" FLARE



- 1/4" M flare access x 1/4" M flare x 1/4" female flare swivel – no depressor

Part No.	Description	Pkg. Qty.	Price
A31854	Female Swivel on Branch	3	25.00
A31864	Female Swivel on Run	3	25.68

Part No.	Description	Pkg. Qty.	Price
1000052	Female Swivel on Branch	3	24.03
1000054	Female Swivel on Run	3	24.68

SWIVEL TEE - 3/8" FLARE



- 3/8" female flare swivel x 3/8" M flare x 1/4" M flare access

Part No.	Description	Pkg. Qty.	Price
A31853	Female Swivel on Run	1	Call

ACCESS FITTING

PIPE THREAD TEE



- 1/4" M flare access x 1/4" M flare x pipe thread

Part No.	Pipe Thread (In.)	Pkg. Qty.	Price
A31452	1/8 MPT on Branch	3	19.73
A31454	1/4 MPT on Branch	3	24.68
A31512	1/8 MPT on Run	3	19.11
A31514	1/4 MPT on Run	3	21.55

Part No.	Pipe Thread (In.)	Pkg. Qty.	Price
1000027	1/8 MPT on Branch	3	18.96
1000033	1/8 MPT on Run	3	18.36
1000034	1/4 MPT on Run	3	20.71

PIPE THREAD CROSS



- 1/4" M flare access x 1/4" M flare x 1/4" M flare x 1/4" MPT

Part No.	Description	Price
A31522	Cross	20.10

HALF UNION



- 1/4" M flare access x MPT

Part No.	Pipe Thread (In.)	Pkg. Qty.	Price
A31482	1/8 MPT	5	11.32
A31484	1/4 MPT	5	13.14
A31492	1/8 MPT, 90°	3	17.48

Part No.	Pipe Thread (In.)	Pkg. Qty.	Price
1000029	1/8 MPT	5	10.88
1000030	1/4 MPT	5	12.63
1000031	1/8 MPT, 90°	3	16.80

FEMALE FLARE



- 1/4" M flare access x 1/4" fem flare

Part No.	Description	Pkg. Qty.	Price
A31614	1/4" Fem Flare Union/Copper Gasket	5	33.01
A31734	1/4" Fem Flare Swivel with Depressor	3	21.04
A33004	Access Coupler with Depressor	1	8.58

- 1/4" M flare access x 1/4" fem flare

Part No.	Description	Pkg. Qty.	Price
1000047	1/4" Fem Flare Union/Copper Gasket	5	31.72

MALE FLARE



Part No.	Description	Pkg. Qty.	Price
A31424	1/4" Flare Union with Nut	3	Call
A31444	1/4" M Flare "T" with Nut	3	26.31

BULKHEAD FITTING



- 1/4" M flare access x 1/4" M flare – 1/4" MPT

Part No.	Description	Price
A31434	Access x 1/4" M Flare with Nut	Call
A31727	Access x (3/16", 1/4") ODS	14.47

Part No.	Description	Price
1000025	Access x 1/4" M Flare with Nut	Call

ACCESS FITTING

BRAZE-ON SADDLE



Part No.	Tube Size (In.)	Pkg. Qty.	Price
A32904	1/4	5	Call
A32905	5/16	5	Call
A32906	3/8	5	Call
A32908	1/2	3	Call
A32910	5/8	3	Call
A32912	3/4	2	Call
A32914	7/8	2	Call

ACCESSORIES



Part No.	Description	Pkg. Qty.	Price
A31992	Plastic Cap with Retainer Strap	5	Call
A31999	Valve Core	5	3.95

EXTENSION TUBE



Part No.	Slip Fit OD (In.)	Pkg. Qty.	Price
CTE18	1/8	5	14.13
CTE316	3/16	5	14.15
CTE14	1/4	5	14.25
CTE516	5/16	5	16.13
CTE38	3/8	5	16.26
CTE12	1/2	3	24.02
100-0070	1/4	50	Call

SOLDER TEE



Part No.	Slip Fit OD (In.)	Pkg. Qty.	Price
CBT14	1/4	3	16.67
CBT516	5/16	3	17.82
CBT38	3/8	3	17.21
CBT12	1/2	3	18.36
CBT58	5/8	1	8.98
CBT34	3/4	1	9.52
CBT78	7/8	1	11.73
CBT118	1 1/8	1	17.96

BULLET® PIERCING VALVE



- Patented valve gasket application provides 50 times more sealing area than competitive "O" ring types
- A sealing force of over 180 inch lbs., torque tested with 500 lbs., pressure tested at 250°F

Part No.	Tubing Size (OD In.)	Case Qty.	Price/Ea.
BPV31	1/4, 5/16, 3/8	12	3.38
BPV21	1/2, 5/8	8	4.10
BPV36	3/16	12	4.40
BPV14	1/4	12	4.30
BPV56	5/16	12	4.40
BPV38	3/8	12	4.50
BPV12	1/2	8	4.20
BPV58	5/8	8	4.20
BPV34	3/4	1	20.50
BPV78	7/8	1	20.50

EZ TAPPER PIERCING VALVE



The back-seating stem eliminates line restriction when servicing through access port or use the valve for flow control.

Part No.	Description	Price
EZ40288	E-Z Tapper Piercing Valve	17.64

LINE TAP VALVE



- Can be mounted in any position
- Adapter sleeves included

Part No.	Tubing Size (OD In.)	Price
QTM1	1/4, 5/16, 3/8	10.64
QTM2	1/2, 5/8	11.48

ACCESS FITTING

CORE DEPRESSOR



Part No.	Description	Price
A33500	1/4" Thumbscrew Core Depressor	14.29

SHIELD LOCKING CAPS



- Prevent excessive energy usage due to refrigerant loss
- Help prevent illegal venting of refrigerant
- Help prevent accidental mixing of refrigerant
- Deter refrigerant theft at unsecured sites
- Reduce potential liability for inhalation induced injury or death
- Corrosion resistant
- Integral neoprene O-ring resists all oils
- Integral torque limited prevents overtightening

Part No.	Description	Price
SHLD-3-DRIVER	3" Magnetic Stubby Driver	13.23
SHLD-8 DRIVER	8" Magnetic Stubby Driver	14.95
SHLD-BIT	Tempered Point Bit 2/PK	8.23
SHLD-SLG20	R22 Sleeve Green 20/PK	13.69
SHLD-SLP20	h410A Sleeve Pink 20/PK	13.69
SHLD-SLU20	Universal Sleeve Black 20/PK	13.69
SHLD-U12	Universal Locking Cap 12/PK	98.26
SHLD-U4	Universal Locking Cap 4/PK	33.58

TUBE HANGERS

CHANNEL STRUT

GOLD GALVANIZED FINISH



The standard GoldGalv® wiring support hardware finish on Superstrut products is a multi-step electrogalvanizing and zinc dichromate process. The .5 mil electrogalvanized plating, creates a cohesive molecular bond between the zinc and the steel. The electrogalvanizing provides an even distribution of zinc, even on threads, unlike other galvanizing methods. The GoldGalv® hardware finish also provides a low electrical resistance when grounding of the system is required.

Part No.	Thickness (Ga.)	Length (Ft.)	Width (In.)	Height (In.)	Wt./Ft. (Lbs.)	Price
B1200HS10	12	10	1-5/8	13/16	1.19	5.40
B1200HS20	12	20	1-5/8	13/16	1.19	2.70
A1200HS10	12	10	1-5/8	1 5/8	1.82	6.02
A1200HS20	12	20	1-5/8	1 5/8	1.82	4.51
PS-520-EH-1316	14	10	1-5/8	13/16	1.36	5.40

PIPE CLAMP

CUSHIONED CLAMPS



Assembly consisting of galvanized finish steel clamp with bolt/locknut and cushion. Installation is easy and requires no more time than a simple pipe clamp would. The cushion absorbs the shock and associated vibrations from fluid surges in tube, pipe and hoses.
It can handle temperatures from 300°F to 40°F.

Part No.	Tube OD Size (In.)	Price
PS-004T-ZD	1/4	2.08
PS-006T-ZD	3/8	2.12
PS-008T-ZD	1/2	2.18
PS-010T-ZD	5/8	2.28
PS-012T-ZD	3/4	2.36
PS-014T-ZD	7/8	2.58
PS-018T-ZD	1-1/8	2.98
PS-022T-ZD	1-3/8	3.34
PS-026N-ZD	1-5/8	4.72
PS-034N-ZD	2-1/8	6.56
PS-042N-ZD	2-5/8	9.44
PS-050N56-ZD	3-1/8	13.34
NIC-3-5/8	3-5/8	Call
NIC-4-1/8	4-1/8	Call

TUBE HANGERS

STRUT HARDWARE

ANGLE BRACKET

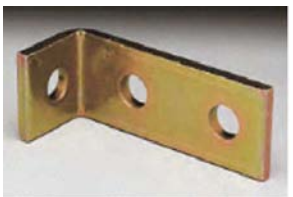


- 1-5/8" wide

Thomas&Betts

Part No.	Approximate Arm Lengths (In.)	Wt./Ea. (Lbs.)	Price
PS603	1-5/8 x 2-1/4	.37	1.81
AB202	1-1/4 x 2	.37	1.81
G3005	1-5/8 x 2-5/16	.37	Call

3 HOLE ANGLE BRACKET



- 1-5/8" wide
- 1/4" thick
- Gold galvanized finish

Thomas&Betts

Part No.	Approx Arm L (In.)	Ship Wgt (Lbs.)	Price
AB203	4-1/8 x 1-5/8"	0.58	6.26
AB204	3-1/2 x 2-1/4"	0.58	2.80

C-4 HOLE ANGLE BRACKET



- Approximate arm lengths: 3-1/2" x 4-1/8"
- 1-5/8" wide

Thomas&Betts

Part No.	Description	Wt./Ea. (Lbs.)	Price
AB205	4 Hole Angle Bracket	.78	3.54

2 HOLE 135° ANGLE



- Approximate arm lengths: 3" x 2-5/16"
- 1-5/8" wide
- 1/4" thick

Thomas&Betts

Part No.	Approx Arm L (In.)	Ship Wgt (Lbs.)	Price
AB227	2 5/16" x 3 "	0.58	4.47

2 HOLE FLAT PLATE



Part No.	Description	Wt./Ea. (Lbs.)	Price
G2011	3 1/2" L x 1 5/8" W	.37	Call

3 HOLE ANGLE PLATE



- Approximate overall arm length: 3-1/2" x 3-1/2"
- 1-5/8" wide

Thomas&Betts

Part No.	Description	Price
PS-605-EG	3 Hole Angle Plate	2.80

NYLON CONE NUT



Thomas&Betts

Part No.	Size (In.)	Price
CM10014	1/4	Call
CM10038	3/8	2.18
CM10012	1/2	2.40

SPRING NUT

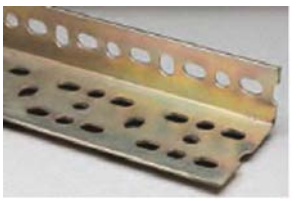


Thomas&Betts

Part No.	Size (In.)	Price
A10014	1/4	1.66
A10038	3/8	0.93

SLOTTED ANGLE METAL LUMBER

ELECTRO-PLATED FINISH



Slotted angle is an all-purpose framing system, roll formed from high strength steel strips. It is designed to be used as economical shelving, racks or and mechanical supports. The unique pattern of horizontal and vertical slots permits full flexibility. Two basic sizes are available for light and medium duty applications. Standard finishes: electro-plated (ASTM B633 SC1). Other finishes are available.

Thomas&Betts

Part No.	Thickness (Ga.)	Length (Ft.)	Width (In.)	Height (In.)	Wt. (Lbs.)	Price
PA-158-10	14	10	2-3/8	1-5/8	7.8	7.01
PA-238-10	12	10	3-1/8	1-5/8	13.2	7.63

TUBE HANGERS

PIPE HANGER

CLEVIS HANGER



Provides a vertical adjustment of approximately 1-1/2" after pipe is in place. Copper plated.

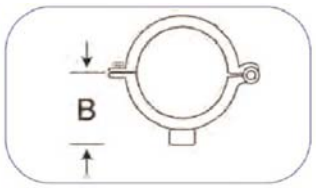
- Approvals: Complies with Federal Specification WW-H-171 (Type 12)

Part No.	Tube Size (In.)	Rec. Safe Load (Lbs.)	Rod Dia. (In.)	Bolt (In.)	Wt./Ea. (Lbs.)	Price
112CH	1-1/2	450	3/8	1/4	0.27	1.29
2CH	2	450	3/8	1/4	0.32	1.90
212CH	2-1/2	450	1/2	1/4	0.71	4.33
3CH	3	600	1/2	1/4	0.80	4.95
312CH	3-1/2	600	1/2	1/4	1.10	Call
4CH	4	600	1/2	5/16	1.23	6.08
5CH	5	900	5/8	3/8	1.90	15.75
6CH	6	900	5/8	3/8	2.20	17.40

Part No.	Nom. Tube SIze (In.)	Max Rec. Load (Lbs.)	Dim. B (In.)	Bolt (In.)	Wt./Ea. (Lbs.)	Price
CCLEVIS58	5/8	150 LBS.	3/8	1/4	0.1	0.98
CCLEVIS78	7/8	150 LBS.	3/8	1/4	0.1	1.00
CCLEVIS118	1-1/8	150 LBS.	3/8	1/4	0.14	1.13
CCLEVIS138	1-3/8	150 LBS.	3/8	1/4	0.18	1.20
CCLEVIS158	1-5/8	200 LBS.	3/8	1/4	0.24	1.27
CCLEVIS218	2-1/8	250 LBS.	3/8	1/4	0.36	1.45
CCLEVIS258	2-5/8	250 LBS.	3/8	1/4	0.44	3.30
CCLEVIS318	3-1/8	250 LBS.	3/8	1/4	0.5	3.96
CCLEVIS418	4-1/8	300 LBS.	3/8	5/16	1	4.63
CCLEVIS518	5-1/8	500 LBS.	1/2	3/8	1.98	12.00
CCLEVIS618	6-1/8	500 LBS.	1/2	3/8	2.2	13.91

COPPER SPLIT RING





Extension hanger ring. Malleable iron, copper plated. Manufactured to fit copper tubing. Approvals: Complies with Federal Specification WW-H-171 (Type 25) and Manufacturers Standardization Society SP-69 (Type 12)

Part No.	Nom. Tube Size (In.)	Rec. Max. Load (Lbs.)	Dim. B (In.)	Tapping (In.)	Wt./Ea. (Lbs.)	Price
14SRH	1/4	180	9/16	3/8	0.11	Call
FGP-RING-375	3/8	180	5/8	3/8	0.12	Call
12SRH	1/2	180	23/32	3/8	0.13	1.90
34SRH	3/4	180	13/16	3/8	0.15	2.03
1SRH	1	180	15/16	3/8	0.16	2.30
114SRH	1-1/4	180	1-5/32	3/8	0.19	2.63
112SRH	1-1/2	180	1-7/32	3/8	0.22	3.15
2SRH	2	180	1-7/16	3/8	0.27	3.41
212SRH	2-1/2	480	1-15/16	1/2	0.72	Call

BEAM CLAMP



Top beam clamps are to be used on the top sections of beams and bar joists where the roof rests flat on top of the beam. Side beam clamps attach to the I beam flange and allow rod to be dropped at or near the edge of the beam.

- Cast iron 3/8"-16 set screw
- Approvals: Underwriters approved (3/8" rod)

Part No.	Finish	Type	Rod Size (In.)	Wt./Ea. (Lbs.)	Price
38BC	Black	Top	3/8	0.38	1.64

C CLAMP



"C" clamp with locking nut. Stamped steel. The locking nut when tightened prevents loosening due to vibration, thus elminating the necessity of using retaining clips.

Part No.	Finish	Rec. Max. Load (Lbs.)	Dim. A (In.)	Set Screw (In.)	Wt./Ea. (Lbs.)	Price
38CC	Black	400	3/8	3/8 x 2	0.45	Call

THREADED ROD

THREADED ROD 6FT



Part No.	Description	Thread Size (In)	A	A	Price
ROD14	GOLDGALV	1/4	150	300	0.69
ROD38	GOLDGALV	3/8	610	150	0.94
ROD38-10	GOLDGALV	3/8	610	250	0.94
ROD12	GOLDGALV	1/2	1130	60	1.23
ROD58	GOLDGALV	5/8	1810	30	3.13

ROD COUPLING



Part No.	Price
PS135-14	2.97
PS135-38	2.31
PS135-12	3.78

ROD ANCHOR



Part No.	Description	Price
G48938BT	3/8 COPPER PLATED ROD ANCHOR	1.40

TUBE HANGERS

THREADED ROD

ROD ANCHOR





NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Package Qty	Price
NRH1W	Vertical (Straight) Entry for 3/8" Threaded Rod, 1" Long	36	Call
NRH2W	Vertical (Straight) Entry for 3/8" Threaded Rod, 2" Long	24	Call
NRH2WS	Horizontal (Side) Entry for 3/8" Threaded Rod, 2" Long	24	Call
NRHWT	Drive Socket for NRH Series Rod Anchors	1	Call

TUBE SHROUD

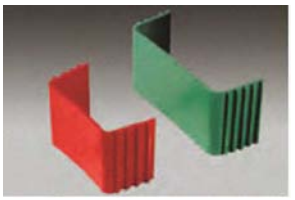
TRUNK, 78" LENGTH



IRP International Refrigeration Products PlastiDuct

Part No.	Description	Price
PD3	6 1/2' L x 3 1/4" W x 2 1/3" H	Call
PD4	6 1/2' L x 4 1/3" W x 3" H	Call

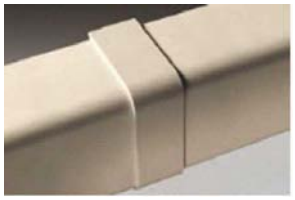
TUBE CLIP



IRP International Refrigeration Products PlastiDuct

Part No.	Description	Price
PDC3	Tube Clip, Red, PD3	Call
PDC4	Tube Clip, Green, PD4	Call

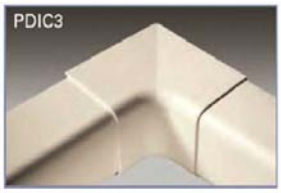
COVER JOINT



IRP International Refrigeration Products PlastiDuct

Part No.	Description	Price
PDCJ3	Cover Joint, PD3	Call
PDCJ4	Cover Joint, PD4	Call

INTERNAL CORNER

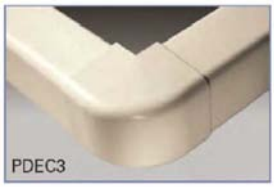


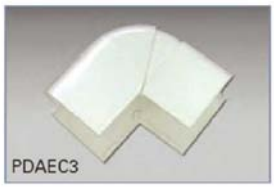


IRP International Refrigeration Products PlastiDuct

Part No.	Description	Price
PDIC3	Inside Corner, PD3	Call
PDIC4	Inside Corner, PD4	Call
PDAIC3	Inside Corner, Adjustable, 80° to 105°, PD3	Call

EXTERNAL CORNER





IRP International Refrigeration Products PlastiDuct

Part No.	Description	Price
PDEC3	Outside Corner, PD3	Call
PDEC4	Outside Corner, PD4	Call
PDAEC3	Outside Corner, Adjustable, 70° to 120°, PD3	Call

FLAT CURVE



IRP International Refrigeration Products PlastiDuct

Part No.	Description	Price
PDFC3	Flat Curve, PD3	Call
PDFC4	Flat Curve, PD4	Call

PLANE CURVE



IRP International Refrigeration Products PlastiDuct

Part No.	Description	Price
PDAPC3	Plane Curve, PD3	Call

TUBE HANGERS

TUBE SHROUD

END CAP



Part No.	Description	Price
PDECAP3	End Cap, PD3	Call

CORNER WALL ELBOW



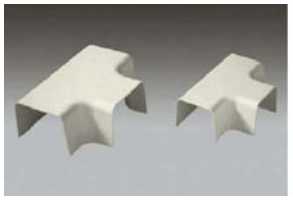
Part No.	Description	Price
PDWE3	Wall Elbow, PD3	Call
PDWE4	Wall Elbow, PD4	Call

WALL PASSAGE



Part No.	Description	Price
PDWP3	Wall Passage, PD3	Call
PDWP4	Wall Passage, PD4	Call

TEE



Part No.	Description	Price
PDT3	Tee, PD3	Call
PDT4	Tee, PD4	Call

REDUCER



Part No.	Description	Price
PDR4	Reducer, 4.33 x 3.25	Call

MOUNTING BRACKET

CONDENSER RISERS, 4"

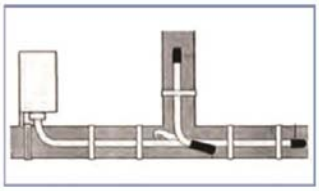




Part No.	Description	Holding Wgt. (Lbs.)	Length (In.)	Ship Wgt. (Lbs.)	Price
PDF18		440	18	1.71	Call
PDF39		440	39	4.00	Call
PDFC	Condenser Riser End Cap				Call

PIPE HEATING CABLE

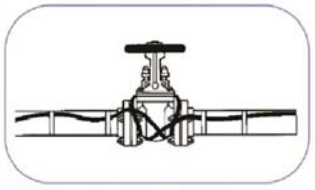




H600 Series cables are cut to length and are available in 50' and bulk roll sizes. Complete design guidelines, installation instructions, and safety information are provided in the H900 Power Connection Kit and the H908 Plug-In Power Connection Kit.

WATERPROOF JACKET OVER METAL SHIELD



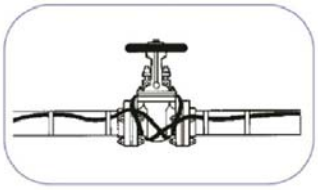


Raychem HTS

Part No.	Watt/Ft.	Volts	Price/Ft.
H612FT	6	120	5.22
H622FT	6	240	Call

METAL SHIELD





Raychem HTS

Part No.	Watt/Ft.	Volts	Price/Ft.
H311FT	3	120	3.27
H611FT	6	120	4.17
H621FT	6	240	4.37

TUBE HANGERS

PIPE HEATING CABLE

ACCESSORIES



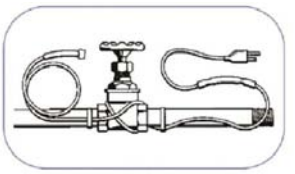
Raychem HTS

Part No.	Description	Price
H900	Power Connection Kit	30.33
H903	Application Tape (66 ft. roll)	15.22
H908	Plug-In Cord Set with Ground Fault Interrupter	65.82
H910	Splice and Tee Kit	16.76
H912	Gel-Filled End Seal Kit	14.70

FROST GUARD

PRE-ASSEMBLED 120V





- With plug and end termination

Raychem HTS

Part No.	Watt/Ft.	Length (Ft.)	Price
FG1-6P	5	6	71.83
FG1-12P	5	12	90.96
FG1-18P	5	18	114.22
FG1-24P	5	24	136.47

PRE-ASSEMBLED 240V

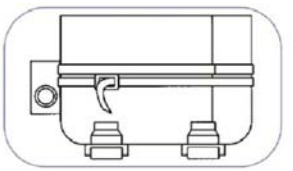
- With end termination

Raychem HTS

Part No.	Watt/Ft.	Length (Ft.)	Price
FG2-6L	5	6	75.04
FG2-12L	5	12	98.94
FG2-18L	5	18	121.94
FG2-24L	5	24	Call

CRANKASE HEATER





- Cable length: 48"
- Cold lead length: 28"
- Compressor girth: 40" or less
- Can overlap itself

Raychem HTS

Part No.	Volts	Price
CCH1	120	59.80
CCH2	208–277	59.80

TUBING



Tracpipe® corrugated stainless steel 300 Series with polyethylene jacket.

- Rolls without length suffix sold by the foot
- 12FGP50, 12FGP100, 34FGP100 sold by the roll

OmegaFlex

Part No.	Nom. Size (In.)	Reel Length (Ft)	Wt./Reel (Lbs.)	Price/Ft.
1FGP100	1	100	40	1212.00
FGP-CS-100-180	1	180	70	2181.60
12FGP250	1/2	250	52	1632.50
12FGP100	1/2	100	22	653.00
34FGP100	3/4	100	22	849.00
34FGP250	3/4	250	70	2122.50
38FGP100	3/8	100	17	583.00
38FGP250	3/8	250	37	1457.50

FLEXIBLE GAS

AUTOFLARE™ FITTING

STRAIGHT FITTING AUTOFLARE™ X MPT



OmegaFlex

Part No.	Nom. Size (In.) AF	Nom. Size (In.) MPT	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
38FGPF	3/8	1/2	24	0.4	23.02
12FGPF	1/2	1/2	24	0.4	26.64
34FGPF	3/4	3/4	16	0.5	36.29
1FGPF	1	1	16	0.7	56.11
114FGPF	1-1/4	1-1/4	6	1.5	124.50

*Box quantity for ordering convenience only

COUPLING AF X AF



OmegaFlex

Part No.	Size (In.)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
38FGPC	3/8	24	0.3	43.07
12FGPC	1/2	24	0.5	49.01
34FGPC	3/4	16	0.7	67.43
FGP-FST-1000	1	16	0.9	56.11

*Box quantity for ordering convenience only

FLEXIBLE GAS

AUTOFLARE™ FITTING

SPARE SPLIT RING



Part No.	Size (In.)	Pkg Qty.	Wt./Ea. (Lbs.)	Price/Ea.
38SPLITRING	3/8	10	0.06	20.61
12SPLITRING	1/2	10	0.06	11.56
1SPLITRING	1	10	0.06	Call
114SPLITRING	1-1/4	4	0.06	Call

TEE FITTING AF X AF X AF (BRANCH)



- Autoflare™ fitting run and branch

Part No.	Size (In.) AF	AF	AF (BR)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
FGPTF500T500	1/2	1/2	1/2	14	1.0	72.98
FGPTF750T750	3/4	3/4	3/4	12	1.6	96.60

*Box quantity for ordering convenience only

TEE FITTING AF X AF X FPT (BRANCH)



- Autoflare™ fitting run x female pipe thread branch

Part No.	Nom. Size (In.) AF	AF	FPT (BR)	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
FGP-T500-500	1/2	1/2	1/2	14	1.0	Call
FGP-T500-7500	1/2	1/2	3/4 MPT1	12	1.0	Call
FGPT750750	3/4	3/4	3/4	12	1.6	Call
FGPT10001000	1	1	1	10	2.2	Call

*Box quantity for ordering convenience only

AUTOFLARE™ TERMINATION MOUNT

FLANGE MOUNT FITTING CAST IRON



Termination outlet for movable appliances and quick disconnect devices. Autoflare™ flange x MPT.

Part No.	Nom. Size (In.) AF	MPT	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
FGP-FF-375	3/8	1/2	12	1.0	Call
FGP-FF-500	1/2	1/2	12	1.0	Call
FGP-FF-750	3/4	3/4	8	1.3	46.85
FGP-BFF-1000	1	1	8	1.5	Call

*Box quantity for ordering convenience only

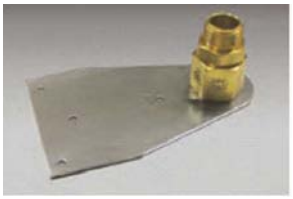
90° ELBOW FLANGE MOUNT FITTING



Termination outlet for movable appliances and quick disconnect devices. Autoflare™ flange x MPT.

Part No.	Flange Type	Nom. Size (In.) AF	MPT	Wt./Ea. (Lbs.)	Price/Ea.
FGP-ELLB-500	Iron	1/2	1/2	1.1	Call

PIPE TERMINATION MOUNT



Part No.	Nom. Size (In.) AF	MPT	Box* Qty.	Wt./Ea. (Lbs.)	Price/Ea.
FGPTM500	1/2	1/2	12	1.0	34.10
FGPTM750	3/4	3/4	8	1.1	37.65

*Box quantity for ordering convenience only

ROOF PENETRATION

TRACPIPE MANIFOLD



Part No.	Description	Wt./Ea. (Lbs.)	Price
FGPMIPC	Malleable Iron, Plastic Coated, 4 Ports 1/2 " Female, Inlets 1/2 " and 3/4" Female	1.9	56.79
FGPMB2	Mounting Bracket, FGPMIPC manifolds	1.3	Call

TRACPIPE PROTECTION DEVICE

STRIKER PLATES









Part No.	Size (In.)	Wt./Ea. (Lbs.)	Price
FGPSP100	Full Striker Plate, 3" x 12"	0.6	6.92
FGPSP050	Half Striker Plate, 3" x 7"	0.4	3.34
FGPSP025	Quarter Striker Plate, 3" x 7"	0.08	1.71
FGPSP617	Large Striker Plate, 6-1/2" x 17"	1.8	Call

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FLAME-FREE **REFRIGERANT** FITTINGS



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CONTROLS & ELECTRICAL ACCESSORIES

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THERMOSTAT

DIGITAL, NON PROGRAMMABLE

SEA BREEZE



- Dimensions: 5.3"W x 3.7"H x 1.2"D
- Set point temperature range: 45°F to 90°F (7°C to 32°C)
- Rated differential: 1/2°F to 1 1/2°F
- Electrical rating: 20 to 30 Vac, 50/60 Hz, 0.05 to 1.0 Amps (load per terminal)
- Operating ambient temperatures: 32°F to 105°F (0°C to 40°C)
- Operating humidity range: 90% non-condensing maximum

Part No.	Application	Power	Stages		Terminals	Price
			Heat	Cool		
THN13X	Gas, Oil, Electric, Heat Pump (mV compatible)	Hardwire	1	1	C,L, Aux,E,R,G,Y,O,B	Call

FOCUSPRO® WIRELESS



- Easily add a zone to a TrueZONE™ system without running new wires.
- Powered by RedLINK™ reliability
- Precise comfort control: ±1°F of your set temperature.
- Simultaneously displays both room temperature and temperature setting.
- Built-in compressor protection: Minimum-off timer protects compressor from restarting too early after a shutdown.
- Changeover: automatic or manual

Part No.	Application	Power Method	Stages		Switching		Price
			Heat	Cool	System	Fan	
TH5320R1002	Gas, Oil, Electric, Heat Pump, Forced Warm Air, Hot Water, Steam or Gravity	Battery	3	2	H/O/C/A/EM	A/O	300.94

Part No.	Description	Price
THM5320R1000	Equipment Interface Module, Use With Wireless FocusPRO® Thermostats	294.36

PRO 3000



- Manual changeover
- Clear backlit display is easy to read, even in the dark
- One-touch temperature controls
- Switchable fan control (auto or continuous fan)
- Displays both room temperature and temperature setting
- Built-in compressor protection
- Voltage: 20 – 30, 750 mV

Part No.	Application	Power Method	Display	Stages		Switching		Price
				Heat	Cool	System	Fan	
TH3110D1008	Conventional	Battery and Hardwire	1.32 sq. in.	1	1	C/O/H	A/O	81.54

TH1000 SERIES BUILDER



Voltage: 20 to 30 Vac

Part No.	Application	Power Method	Display	Stages		Switching		Price
				Heat	Cool	System	Fan	
TH1100DV1000	Conventional	Battery or Hardwire	1.32 sq. in.	1	—	H/O	—	58.89
TH1110DV1009	Conventional	Battery or Hardwire	1.32 sq. in.	1	1	C/O/H	A/O	62.54

THERMOSTAT

DIGITAL, NON PROGRAMMABLE

DIGITAL ROUND™



The T8775A thermostat provides 24V control of heating only systems. The T8775C thermostat provides single-stage temperature control for 24V heating-cooling systems with manual changeover from heat to cool.

- Range: 40 to 90°F heating, 45 to 99°F cooling
- 1.5A maximum system, .5A maximum fan, 20 to 30 Vac
- Large easy-to-read, backlit display
- No batteries required; permanent retention of settings in power failure
- Powered through heating-cooling system controls
- Manual changeover, system, fan switches T8775C
- Easily configurable by the use of DIP switches
- Selectable heating cycle rates (1, 3, 6, 9 cph) for a variety of applications
- Cooling cycle rate is fixed at 3 cph

Honeywell
THE POWER OF CONNECTED

Part No.	Stages		Price
	Heat	Cool	
T8775A1009	1	—	111.82
T8775C1005	1	1	128.09

ECONOMY



- Fossil fuel or electric heat compatible.
- Large LCD with backlight.
- 1.0 A per terminal,1.5A maximum all terminals combined
- Dimensions: 3 3/4"H x 5 1/8"W x 1 1/8"D

White Rodgers EMERSON Climate Technologies

Part No.	Stages		Comments	Price
	Heat	Cool		
1E78-140	1	1	Gas, Oil, Electric, Mv, HP (1 stg)	58.13

BLUE™, 4" UNIVERSAL



- Large, 4-square-inch display with easy-to-see characters
- Configures as manual heat/cool, auto changeover, heat only or cool only
- Exclusive Cool Savings™ feature saves energy during peak A/C demand periods
- Hydronic 2 or 3 wire applications
- Three anticipation settings
- Exclusive battery power monitor
- Longer battery life, 2 AA batteries included
- Dimensions: 5.1" W x 3.9" H x 1.2" D
- 0 to 30 Vac, 50/60 Hz or DC
- 5-year warranty

White Rodgers EMERSON Climate Technologies

Part No.	Stages		Method	Application	Price
	Heat	Cool			
1F86ST0471*	1	1	Hardwire or Battery	Gas, Oil, Electric, mV, HP	92.12

*Spanish Thermostat

THERMOSTAT

DIGITAL, PROGRAMMABLE

SEA BREEZE TOUCHSCREEN



- Battery or hardwire
- Conventional or heat pump (STS11 has no aux heat control)
- 12 sq. inch display
- Auto changeover
- Filter ,humidifier pad and UV lamp reminders
- STS32 controls dual fuel heat pump

Part No.	Stages		Program	Price
	Heat	Cool		
STS11	1	1	5-2	Call
STS32	3	2	5-2	190.00

SEABREEZE TOUCHSCREEN SENSOR

Part No.	Description	Price
4350012	Outdoor Sensor, Waterproof, includes Mounting Hardware, 5' of Two Condutor Cable	Call
4350013	Indoor Sensor, Wall Mounted Plastic Case, includes Mounting Hardware, 10' of Two Condutor Cable	Call

SEA BREEZE



- Larger lighted display
- Permanent memory during power outages
- Dimensions: 5.3"W x 3.7"H x 1.2"D
- Electrical rating: 20 to 30 Vac, 50/60 Hz, 0.05 to 1.0 Amps (load per terminal)
- Set point temperature range: 45°F to 90°F (7°C to 32°C)
- Rated differential: 1/2°F to 1 1/2°F
- Operating ambient temperatures: 32°F to 105°F (0°C to 40°C)
- Operating humidity range: 90% non-condensing maximum

Part No.	Application	Program	Power	Stages		Terminals	Price
				Heat	Cool		
THP14X	Gas, Oil, Electric, Heat Pump (mV compatible)	5 + 2	Hardwire	1	1	C,L,Aux,E,R,G,Y,O,B	Call

VISIONPRO REDLINK



- Large, clear display with backlighting; current temp set temp and time are displayed on the home screen.
- Menu guides you through scheduling process, showing necessary information and choices on each screen.
- Real time clock keeps time during power failure; automatically updates for daylight savings.
- Armchair programming allows you to remove thermostat from wall to set the schedule. (Not available TH9421)
- Precise temperature control (± 1°F) for reliable, consistent comfort.
- Multiple HOLD options allow you to modify schedule indefinitely or for a specific time.
- Reminders prompt you to service or replace the air filter, humidifier pad, ultraviolet lamp or thermostat batteries.
- Programmable fan increases air quality when combined with a whole-house air cleaner.
- Outdoor temperature indication (Select Models) shows current outdoor temperature on the display.
- Selectable auto or manual changeover

Part No.	Application	Power Method	Display	Stages		Switching		Price
				Heat	Cool	System	Fan	
TH8110R1008	Gas, Oil, Electric, mV	Battery and Hardwire	10 sq. in.	1	1	H/O/C/A	A/O	364.07
TH8320R1003	Gas, Oil, Electric, Heat Pump, mV	Battery and Hardwire	10 sq. in.	3	2	H/O/C/A/EM	A/O	404.52
TH8321R1001	Gas, Oil, Electric, Heat Pump, Humidity, mV	Battery and Hardwire	10 sq. in	3	2	H/O/C/A/EM	A/O	445.37
TH8321WF1001	Gas, Oil, Electric, Heat Pump, Humidity, mV	Battery and Hardwire	10 sq. in	3	2	H/O/C/A/EM	A/O	412.05
YERM5220R8321	Gas, Oil, Electric, Heat Pump, Humidity, mV	Battery and Hardwire	10 sq. in	3	2	H/O/C/A/EM	A/O	698.95

Accessories

Part No.	Description	Price
C7089U1006	Remote Outdoor Sensor	56.74
C7189U1005	Premier White® Remote Indoor Sensor	65.55
C7189R1004	Wireless Indoor Temp/Humid Sensor	94.53
THM5421R1021	Equip Interface Module for THX9421R5021	154.42
THM6000R1002	RedLINK Internet Gateway	216.63
THP2400A1019	Coverplate assembly for use with the RedLINK™ VisionPRO®	29.77

THERMOSTAT

DIGITAL, PROGRAMMABLE

FOCUSPRO™ WIRELESS



- Add a zone to a TrueZONE™ system without running new wires.
- Removable battery holder for fast, easy replacement.
- Powered by RedLINK™ reliability
- No interference with other wireless devices in the home
- Works with compatible RedLINK™ enabled devices
- Separately programmable weekday/weekend schedules
- One-touch temp control overrides program schedule at any time.
- Large, clear, backlit display is easy to read–even in the dark.
- Displays both room temperature and temperature setting.
- Built-in compressor protection.
- Selectable auto or manual changeover
- Use with: HZ432 or HZ322 and THM4000R1000, or THM5320R1000
- EnergyStar® compliant to greatly reduce your heating/cooling expenses

Honeywell
THE POWER OF CONNECTED

Part No.	Application	Power Method	Stages Heat	Stages Cool	Switching System	Switching Fan	Price
TH6320R1004	Gas, Oil, Electric, Heat Pump, Forced Warm Air, Hot Water, Steam or Gravity	Battery	3	2	H/O/C/A/EM	A/O	331.09

PRESTIGE™ THERMOSTAT

Accessories

Part No.	Description	Price
C7089R1013	Outdoor Temperature and Humidity Sensor for RedLINK™ enabled thermostats and accessories	124.92
REM5000R1001	Personal Comfort Station™. Works with compatible RedLINK™ enabled thermostats and accessories.	214.19
50028399001	Cover plate for Prestige® Thermostats 7 7/8" x 5 1/2", Premier White®	27.29

BIG BLUE™ TOUCHSCREEN, SERIES 90



Simple and logical installer menu set-up, programming and operation is enhanced by audio prompting that confirms touchscreen entries. Features like variable touchscreen security to prevent tampering, temporary and vacation overrides, and filter change reminders add convenience.

- 1F951271 staging: 2H (3H for HP application), 2C; 1F97 1H/1C
- 1F9*1277 adds programmable fan and remote sensing to 1F9*1271 functions
- Programming: Universal choice of 7 day, 5/1/1 day programmable or non-programmable
- Display: 12-square-inch
- Approvals: Meets ENERGY STAR® specifications
  Meets California Building Code, Title 24
- Permanent program retention during power loss
- Furnace filter, humidifier pad change reminder
- Dimensions: 4.6"H x 5.9"W x 1.2"D

White Rodgers EMERSON Climate Technologies

Part No.	Stages Heat	Stages Cool	Program	Power	Application	Price
1F951277	3	2	Universal	Battery or Hardwire	Gas, Oil, Electric, Dual Fuel, mV	354.36

BLUE™ 6", EASY READER



- 6-square-inch Blue™ display with easy-to-read without glasses characters
- Blue lighted display for easier lowlight viewing
- "one-button one function" keys for easy operation
- 2 time and 2 temperature settings per program (1 setback) heat and cool, or selectable 4 time and 4 temperature settings (2 setbacks)
- Energy savings up to 33%
- Meets ENERGY STAR® specifications
- Patented pre-programmed schedule simplifies time and temperature programming
- Temporary temperature override two-hour minimum or until next program period
- Selectable energy management recovery
- Dimensions: 6.4" W x 4.2" H x 1.7" D
- 0 to 30 VAC, 50/60 Hz or DC
- 1.5 Amps (load per terminal)
- 2.5 Amps maximum load (all terminals combined)
- Temperature Range: 45 to 99°F
- Rated differential: 0.6 to 1.2°F with adjustable anticipation
- Choice of battery-powered with optional power stealing assist or hardwired with battery backup

White Rodgers EMERSON Climate Technologies

Part No.	Stages Heat	Stages Cool	Program	Method	Application	Price
1F95EZ0671	4	2	Non-Programmable or 5+1+1 or 7	Battery, Hard-wired or Power Stealing Assist	Electric, Gas, Oil, Heat Pump, mV	230.62

THERMOSTAT

DIGITAL, PROGRAMMABLE

HEAT/COOL, 70 SERIES



- 1 Heat/1 Cool.
- Battery powered for maximum compatibility
- Fossil fuel or electric heat compatible
- Large LCD with backlight
- Selectable °C or °F temperature display
- Includes O and B terminals
- Classic White color

White Rodgers EMERSON Climate Technologies

Part No.	Description	Price
1F78151	Economy, 5+2 Program, Horizontal	74.78

REMOTE SENSOR



- Digital output provides superior temperature control
- No temperature variance caused by wire resistance
- Maximum wire distance: 300'
- Operating range: Indoor: 40 to 99°F
  Outdoor:-40 to 140°F
- Dimensions: 2 1/8"W x 3 1/2"L x 3/4"D

White Rodgers EMERSON Climate Technologies

Part No.	Description	Price
F145-1328	Indoor Sensor, Series 90	59.76
F145-1378	Outdoor Sensor, 12' Lead, Series 90	69.30

LYRIC WIFI



Honeywell's Lyric Thermostat provides comfort when you're home and savings when you're away. Control from anywhere with your smart phone or tablet.

- Remote Access
- Lyric App allows you to control with your smart phone or tablet
- Geofence control for savings when you're away and comfort when you're home
- Fine Tune temperature control
- Smart Cues for system information and recommendations

Honeywell
THE POWER OF CONNECTED

Part No.	Application	Power Method	Stages		Switching		Price
			Heat	Cool	System	Fan	
TH8732WFH5002	Gas, Oil, Electric, Heat Pump, Forced Warm Air, Hot Water, Steam or Gravity	Hardwired, Battery Back-up	3	2	H/O/C/A/EM	A/O, C	510.00

Accessories

Part No.	Description	Price
CHC8080W1000	Lyric C1 Wi-Fi Security Camera	260.00
CHW3610W1001	Water Leak Detector and Cable Sensor	166.67

T4 SERIES



The T Series programmable thermostat streamlines everything from product selection and installation to customer service and support. With a standard footprint and simple interface, the T Series will enhance the entire thermostat experience for you and your customers alike.

Honeywell
THE POWER OF CONNECTED

Part No.	Application	Power Method	Stages		Switching		Price
			Heat	Cool	System	Fan	
TH4110U2005	Gas, Oil, Electric, Heat Pump, Forced Warm Air, Hot Water, Steam or Gravity	Hardwired, Battery	2	1	H/O/C/A/EM	A/O	102.00

THERMOSTAT

DIGITAL, PROGRAMMABLE

T6 SERIES

Part No.	Application	Power Method	Stages		Switching		Price
			Heat	Cool	System	Fan	
TH6320U2008	Gas, Oil, Electric, Heat Pump, Forced Warm Air, Hot Water, Steam or Gravity	Hardwired, Battery	3	2	H/O/C/A/EM	A/O, C	203.33
TH6220U2000	Gas, Oil, Electric, Heat Pump, Forced Warm Air, Hot Water, Steam or Gravity	Hardwired, Battery	2	1	H/O/C/A/EM	A/O, C	180.00
TH6210U2001	Gas, Oil, Electric, Heat Pump, Forced Warm Air, Hot Water, Steam or Gravity	Hardwired, Battery	2	1	H/O/C/A/EM	A/O, C	133.33

Accessories

Part No.	Description	Price
THP2400A1068	Coverplate assembly	26.21

T6 SERIES WIFI

Part No.	Application	Power Method	Stages		Switching		Price
			Heat	Cool	System	Fan	
TH6320WF2003	Gas, Oil, Electric, Heat Pump, Forced Warm Air, Hot Water, Steam or Gravity	Hardwired, Battery	3	2	H/O/C/A/EM	A/O, C	333.34
TH6220WF2006	Gas, Oil, Electric, Heat Pump, Forced Warm Air, Hot Water, Steam or Gravity	Hardwired, Battery	2	1	H/O/C/A/EM	A/O, C	250.00

DIGITAL, PROGRAMMABLE, COMMERCIAL

TB7100 MULTIPRO™



The MultiPRO™ multispeed and multipurpose thermostat is an effortless, 7-day programmable or nonprogrammable thermostat that provides universal system compatibility. Large and clear display

- Real-time clock
- Speedy same schedule armchair programming
- Remote setback input for occupancy sensors or timeclocks
- Remote indoor air sensing option

Honeywell
THE POWER OF CONNECTED

Part No.	Application	Power Method	Display	Stages		Switching		Price
				Heat	Cool	System	Fan	
TB7100A1000	Gas, Oil, Electric, Heat Pump, PTAC	Battery and Hardwire	4 sq. in.	2	1	H/O/C/A	A/O, H/M/L	296.57

TB7220 COMMERCIALPRO®



7-day programmable thermostat that provides universal system compatibility, precise comfort control and is easy-to-program.

- Large, clear display with backlight shows the current and set temperature and time.
- Menu-driven programming make setup effortless.
- Beautiful ergonomic design is smart and sophisticated to match your customers' lifestyle.
- Real-time clock keeps time during power failures and automatically updates to daylight savings.
- Saving changes notification lets you know when the schedule changes have been saved.
- Change reminders let you know when to replace the batteries.
- Armchair programming allows you to remove the thermostat from the wall for programming.

Honeywell
THE POWER OF CONNECTED

Part No.	Application	Power Method	Display	Stages		Switching		Price
				Heat	Cool	System	Fan	
TB7220U1012	Gas, Electric, Heat Pump	Battery and Hardwire	4 sq. in.	2	2	H/O/C/A	A/O	471.86

ELECTRONIC SENSOR, T7300 SERIES



T7047C and G sensors are used with T7300 for remote temperature sensing or averaging. Total Ω at TT terminal on Q7300 should be 1420 or @ 75°F.

Honeywell
THE POWER OF CONNECTED

Part No.	Application	Sensor Resistance (W)	Comments	Price
T7047C2007	2-Wire Sensor	1,420 @ 75°F	Series 70	226.42
T7047G2008	Remote 2-Wire Sensor, T7300	710 @ 75°F	Averaging	272.79

Honeywell | Home

Thoughtfully designed. Expertly engineered.

THE HONEYWELL T SERIES

Fits your business to a T.



A thermostat series designed with

CONTRACTORS IN MIND

Intuitive setup

Faster installs

Easy upsell

Fits your technicians to a T

Every T Series thermostat features on-screen menus with familiar installer setup (ISU) steps, helping to eliminate the learning curve that can come with a new product. Your techs will be T Series experts in no time.

Fits your install process to a T

With the new UWP mounting system, you can standardize your training program, install process, and truck stock – helping your techs get in and out and on their way more quickly and efficiently.

Fits your revenue model to a T

The T Series has a snap-together design that enables you to easily move customers from a non-connected to a connected thermostat without having to rip and replace the connector and cover plate.*

*C-wire required

Aireco
WWW.AIRECO.COM

Proud Wholesale Distributor

To learn more contact your Aireco sales representative or branch location.

THERMOSTAT

DIGITAL, PROGRAMMABLE, COMMERCIAL

HEAT/COOL



- 365 day clock with holiday programming
- Automatic Daylight Saving Time adjustments
- Selectable dehumidification limit control
- Occupancy input to control standby setpoint
- Sequential start option
- Discharge air high/low limits
- Selectable recovery ramp
- Ambient lockout (with outdoor sensor)

Honeywell
THE POWER OF CONNECTED

Part No.	Maximum Stages Heat/Cool	Features	Price
T7350A1004	1/1 +1	—	455.69
T7350B1002	2/2 +1	Outdoor, Discharge Air	561.86
T7350D1008	3/3 or 2/4	Outdoor, Discharge Air, Humidity, Occupancy	692.82
T7350M1008	2(4–20mA) + 2	Outdoor, Discharge Air, Humidity, Occupancy	758.70
T7350H1009	3/3	Outdoor, Discharge Air, Humidity, Occupancy, LonWorks bus	868.83
T7350H1017	2(4–20mA) + 2	Outdoor, Discharge Air, Humidity, Occupancy, LonWorks bus	926.55
T7351F2010	3/3 or 2/4	Outdoor, Discharge Air, Humidity, Occupancy	658.70

FAN COIL

FAN COIL



- Electrical Ratings:
  120 Vac, Fan Rating: 6.0 A, Relay Rating: 1.0 A;
  240 Vac, Fan Rating: 3.0 A, Relay Rating: 1.0 A
- Digital display of ambient temperature, setpoint, mode icons when cooling or heating relays operate, when energy savings mode is active, and fan status.
- Energy savings mode – external energy savings input from dry contact such as time switch, occupancy sensor, or hotel cardkey overrides comfort setpoint with selectable setback heating or cooling setpoints.
- Energy savings input configurable as a normally open or normally closed dry contact.
- Proportional plus integral (P+I) control algorithm for precision temperature regulation.
- Adjustable deadband, in auto changeover mode, for heat and cool control.
- Adjustable maximum heating and minimum cooling setpoint limits.
- EEPROM permanently retains user settings, including setpoints, during power loss (no batteries required).
- Capability to display temperature sensor failure for easier troubleshooting.
- Optional remote temperature sensor and remote pipe sensors (20KΩ).
- Switch positions: System: O/H/C/A Fan: H/M/L/A/O

Honeywell
THE POWER OF CONNECTED

Part No.	Application	Voltage	Price
TB6575A1000	2 or 4 Pipe, Heat/Cool/Auto	120/240	209.17
TB6575B1000	2 Pipe, Heat/Cool	120/240	200.55
TB8575A1000	2 or 4 Pipe, Heat/Cool/Auto	24	194.82

ELECTROMECHANICAL, HEAVY DUTY



Used to control line voltage fan coils, fans, motor starters, valves, contactors, and circulator motors in heating and/or cooling systems.

- Contact rating: 8 F.L. Amp @ 240 Vac

Honeywell
THE POWER OF CONNECTED

Part No.	Application	Switch	Temperature Range (°F)	Differential (°F)	Comments	Price
T6051A1016	Heat/Cool	SPDT	50 to 80	1, Fixed	—	282.45
T6051B1006	Heat/Cool	SPDT	46 to 84	1, Fixed	Explosion Proof Housing	Call
T6052A1015	2-Heat or 2-Cool	2-SPDT	46 to 84	1H-2C, 2.5°F, 2H-1C, 3.2°F	—	428.29
T6052B1013	1-Stage Heat/Cool	2-SPDT	46 to 84	1H, 2.5°F, 2C, 3.2°F	Auto Changeover	Call

THERMOSTAT

FAN COIL

ELECTROMECHANICAL, LIGHT DUTY



Controls line voltage valves, motors, contactors, electric heat elements, duct furnaces, and fan coil units in heating/cooling systems. Contact rating: 4 F.L. Amp @ 277 Vac Fixed differential: 2°F

Honeywell

Part No.	Application	Switch	Temperature Range (°F)	Price
T651A3018	Heat/Cool	SPDT	44 to 86	161.71

1A10651



Provides direct line voltage control of fan coils, fans, motor starters, circulator motors, contactors, valves for heating, cooling or SPDT applications.

White Rodgers EMERSON Climate Technologies

Part No.	Range (°F)	Differential (°F)	Switch	FL Amp (@ 240 Vac)	Price
1A10651	36 to 90	1.5, Fixed	SPDT	4	148.45

THERMOSTAT

ELECTROMECHANICAL

HEAT ONLY, T812 SERIES



Provides SPST control of 24 Vac residential heating systems.

- Coiled bimetal element operates snap-action switch

Honeywell

Part No.	Application	Temperature Range (°F)	Finish	Price
T812A1002	Heating Only	50–90	Premier White	Call

HEAT ONLY, T822 SERIES



- Low voltage thermostat
- Coiled bimetal element operates snap action switch
- SPST switch
- T827K provides control of 0.1A circuits in millivoltage, 12 VDC, and 24 Vac heating systems.

Honeywell

Part No.	Stages		Temperature Range (°F)	Price
	Heat	Cool		
T822K1000	1	-	45 to 95	Call
T822K1042	1	-	35 to 85	70.10
T822L1000	-	1	45 to 95	Call
T827K1009	1	-	50 to 90	64.51
T834N1002	1	1	50°F to 90°F	68.82

SNAP ACTION



For low voltage heating, cooling, and zoning installations where a snapaction control is desired.

- Voltage: 30 Vac maximum
- Suitable for zoning applications

White Rodgers EMERSON Climate Technologies

Part No.	Range (°F)	Switch	Application	Price
1E30N910	50 to 90	SPST Open Rise	Heating	61.97

HEAT/COOL



- Single stage heating/cooling
- Voltage: 30 Vac maximum
- Switching: C/O/H, A/O
- Temperature range: 50 to 90°F
- SPDT
- Contact Type: enclosed snap switch
- Mercury free

White Rodgers EMERSON Climate Technologies

Part No.	Mount*	Comments	Price
1E56N444	V	Terminals "B,O,A", 1–Stage HP, Electric Heat	66.02
1F56N444	H	Terminals "B,O,A", 1–Stage HP, Electric Heat	66.04

LINE VOLTAGE

LINEVOLTPRO THERMOSTATS

Applications include Electric Baseboards, convectors, radiant heat and fan-forced heaters.

- Electric Heat
- Heating indicator gives confirmation that heat is on.
- Maintenance free and no batteries are required.
- Quiet Operation: Epoxy-soundproofed relays
- On/Off Switch. ± 1°F Control
- Backlit Display
- Voltage: 208-240 Vac

LINEVOLTPRO 7000, NON-PROGRAMMABLE



Honeywell

Part No.	Contact Rating (Amps)	Switch	Price
TL7235A1003	15	DPST	108.76

LINEVOLTPRO 8000, 7 DAY PROGRAMMABLE



Honeywell

Part No.	Contact Rating (Amps)	Switch	Price
TL8230A1003	15	DPST	Call

MEDIUM DUTY



Controls line voltage valves, motors, contractors, electric heat, elements, duct furnaces, and fan coil units in heating/cooling systems.

- Automatic cooling and heating anticipation
- Mounts on standard vertical or horizontal outlet box

Honeywell

Part No.	Temperature Range (°F)	Switch	Price
T451A3005	44–86	SPST, Open Rise	157.06

ELECTROMECHANICAL



Provides line voltage control of electric heating systems.

- Long lasting Micro-Switch™ mechanism
- Thermometer included
- Contact rating: 22A resistive @240 Vac

Honeywell

Part No.	Temperature Range (°F)	Switch	Price
T498A1778	40–80	SPST, Open Rise	68.12
T498B1553*	40–80	DPST, Open Rise	Call
T498B1512	40–80	DPST, Open Rise	79.77

THERMOSTAT

LINE VOLTAGE

7 DAY PROGRAMMABLE



Can be used to control 2-way zone valves, 3-way zone valves or circulator pumps in both line volt and low volt applications. It also offers special protection modes to prevent system seizures and to reduce callbacks. Easy to install, provides cost-efficient programmable control of hydronic heating systems.

Honeywell

Part No.	Application	Contact Rating (Amps)	Price
TL8100A1008	Heat Only	5 (Resistive), 2 (Inductive) @ 240 VAC	125.32

GENERAL PURPOSE, LINE VOLTAGE

HEAVY DUTY



Electric heat thermostats used for controlling baseboards, cable heat, glass panels, etc.

- Resistive 22 Amp @ 240 Vac, 5,000W

White Rodgers EMERSON Climate Technologies

Part No.	Range (°F)	Differential (°F)	Switch	Price
1A65-641	40 to 85	1, Fixed	SPST Open Rise	54.82

HEAT/COOL



For line voltage control of residential, commercial, or industrial heating or year round air conditioning. Liquid charged temperature sensing element and highly efficient diaphragm and leverage provides close temperature control. Temperature range is 40 to 90°F.

Johnson Controls

Part No.	Switching	Price
T26S18	SPDT, Heating & Cooling	175.42

HEATING

- Contact rating: 7.0 F.L. Amp @ 240 Vac

White Rodgers EMERSON Climate Technologies

Part No.	Range (°F)	Differential (°F)	Switch	Price
1529	55 to 85	2, Fixed	SPST, Open Rise	Call
152101*	55 to 95	2, Fixed	SPST, Open Rise	Call

*Locked case, concealed dial

LOCKED CASE

For installations where heavy duty thermostats with tamperproof features are required. Ideal for control of infrared heater installations.

- "Limited maximum setting": internally adjustable stop prevents movement above desired setting.

White Rodgers EMERSON Climate Technologies

Part No.	Range (°F)	Differential (°F)	Switch	F.L. Amps (@ 240 Vac)	Price
1766	40 to 80	3, Fixed	SPST, Open Rise	7.0	Call

HEAT/COOL

For equipment requiring a closed circuit on both rise and fall of temperature.

White Rodgers EMERSON Climate Technologies

Part No.	Range (°F)	Differential (°F)	Switch	F.L. Amps (@ 240 Vac)	Price
1791	55 to 95	3, Fixed	SPDT	3.7	Call

PROPORTIONAL

T921 SERIES



Provides low voltage, 3-wire control for valve motors, damper motors, and balancing relays in heating or cooling system applications.

- Operating range: 56–84°F

Honeywell

Part No.	Fixed Throttle Range (°F)	Application	Price
T921A1191	2.5	Heat or Cool	661.81

DIGITAL, TB*980 SERIES



The ZonePRO thermostats are for low voltage pressure dependent VAV applications. Can also be used for hydronic perimeter heating/cooling and bypass box with or without reheat.

- Provides min/max setpoints for heating and cooling
- Provides night setback terminal for energy savings

Honeywell

Part No.	Output Type	Comments	Price
TB6980A1007	Floating, 0.5 A	Plus 1 Analog/TRIAC, 1 TRIAC outputs	Call
TB6980B1006	Floating, 0.5 A	-	Call
TB7980A1006	0-10 Vdc or 2-10 Vdc 0-10V, 10k min — Modulating (0-10 Vdc) control	Plus 1 Analog/TRIAC, 1 TRIAC Output	Call
TB7980B1005	0-10 Vdc or 2-10 Vdc 0.5A max @ 24Vac	1 Analog/TRIAC1 TRIAC Modulating (0-10 Vdc) control with 2 additional outputs	Call

THERMOSTAT

GUARD


Clear plastic


Opaque plastic


Metal


Metal with hinged base

Metal Thermostat Guards: Metal Thermostat Guards: Constructed of 18-2 gauge steel and are finished with a durable baked enamel.
Plastic Thermostat Guards: Constructed of hi-impact plastic, and are designed for use in offices, restaurants, or other businesses where lightweight, medium protection is required to avoid tampering. Ring base is for installation over existing thermostats. Solid base is for new installations. All models furnished with locking key and mounting hardware.

"U" SERIES

Specifications:
Solid Base: 8 1/4"H x 5 3/8"W x 3 1/2"D
Ring Base: 8 1/8"H x 4 5/8"W x 3 5/8"D

Part No.	Description	Price
BTGUK2	Clear Plastic Guard with Solid and Ringed Bases	8.50
BTGUM	Metal Guard and Solid Base	17.10
BTGUWM	Metal Guard and Ring Base	11.80

"K" SERIES

Specifications:
Solid Base: 5 1/4"H x 4 5/8"W x 3"D
Ring Base: 5 1/4"H x 4 5/8"W x 3 1/4"D

Part No.	Description	Price
BTGK	Clear Plastic Guard with Solid & Ringed Bases	7.70
BTGO	Opaque Plastic Guard with Solid & Ring Bases	Call
BTGKWM	Metal Guard with Ring Base	21.24

"R" SERIES

Specifications:
Solid Base: 7 1/4"H x 5 3/8"W x 3 1/2"D
Ring Base: 6 3/4"H x 4 1/4"W x 3 9/16"D

Part No.	Description	Price
BTGRK	Clear Plastic Guard with Solid & Ringed Bases	7.20
BTGRO	Opaque Plastic Guard with Solid & Ring Bases	Call
BTGRM	Metal Guard with Solid Base	Call
BTGRWM	Metal Guard with Ring Base	Call

THERMOSTAT

GUARD

"54 VL" SERIES

Specifications:
Solid Base: 6 1/4"H x 4 3/4"W x 3"D
Ring Base: 6"H x 3 3/16"W x 3 1/8"D

Part No.	Description	Price
BTG54VL	Metal Hinged Guard with Solid Base	11.80

"54 VLW" SERIES

Specifications:
Solid Base: 6 1/4"H x 4 3/4"W x 3"D
Ring Base: 6"H x 3 3/16"W x 3 1/8"D

Part No.	Description	Price
BTG54VLW	Metal Hinged Guard with Ring Base	11.80

"E" SERIES

Specifications:
Solid Base: 3 7/8" H x 3 1/2" W x 2 1/2" D

Part No.	Description	Price
BTGEK	Clear Plastic Guard with Solid and Ringed Bases	7.90
BTGEM	Metal Guard with Solid Base	23.94

REPLACEMENT KEY



- For BTG Guards

Part No.	Description	Price
F336	Universal Key	317.95

UNIVERSAL



Encloses and protects wall thermostats against tampering, damage and unauthorized adjustment of thermostat settings.

- Includes opaque polystyrene wallplate, ring base, guard cover, tumbler lock, two keys and optional Honeywell logo insert

Part No.	Size (In.) L	W	D	Cover Style	Use With	Price
TG510A1001	5-7/8	5-7/8	2-1/2	Clear	T87, TP970, etc.	Call
TG511A1000	6-1/2	7-1/2	2-15/16	Clear	T874, etc.	50.43
TG511D1004	6-3/8	7-3/8	2-7/8	Metal	T874, etc.	Call
TG512A1009	7-1/4	9-3/4	3-3/8	Clear	T8600, T8090, etc.	52.29
TG512D1003	7-1/8	9-5/8	3-1/4	Metal	T8600, T8090, etc.	90.14

TEMPERATURE

REMOTE BULB

WIDE RANGE, ADJUSTABLE DIFFERENTIAL



Part No.	Switch	Range (°F)	Differential (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A19ABA-40C	SPST, Open Low	-30 to 100	3 to 12	3/8 x 4	6	140	8	107.49
A19ABC24	SPDT	-30 to 100	3 to 12	3/8 x 4	8	140	8	138.72
A19ABC37	SPDT	-30 to 100	3 to 12	3/8 x 4	10	140	8	181.95
A19ABC36	SPDT	-30 to 100	3 to 12	3/8 x 4	20	140	8	213.74

FIXED DIFFERENTIAL

Part No.	Switch	Range (°F)	Differential (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A19AAF12	SPDT	25 to 225	3-1/2	3/8 x 3	10	275	3	213.66

CLOSE DIFFERENTIAL

Part No.	Switch	Range (°F)	Differential (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A19AAD5*	SPST, Open Low	30 to 50	2-1/2	3/8 x 2-5/8	6	190	3	Call
A19AAF20	SPDT	-30 to +100	2-1/2	3/8 x 4	6	140	3	Call
A19AAF21	SPDT	40 to 90	1-1/2	3/8 x 5-3/8	6	140	3	173.73

*Bulk Milk Cooler

MANUAL RESET

Part No.	Switch	Range (°F)	Differential (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A19ACA14	SPST, Open Low	-30 to 100	Manual	3/8 x 4	6	140	8	Call
A19ACA15	SPST, Open Low	-30 to 100	Manual	3/8 x 4	10	140	8	188.34
A19ADB1	SPST, Open	100 to 240	Manual	3/8 x 3-1/2	6	290	6	192.08
A19ADB2*	SPST, Open	100 to 240	Manual	3/8 x 3-1/2	None	290	6	Call

*Direct immersion

WIDE RANGE



Provides limit or temperature control in refrigerated areas where remote mounting of sensing element is required.

- Contact rating: 5.1 F.L. Amp @ 240 Vac

Part No.	Temperature Range (°F)	Differential (°F)	Max. Temp. (°F)	Switch	Capillary Length (Ft.)	Price
T4031A1073	-30 to 90	3.5 to 12	125	SPST, Close Rise	8	Call
T4031C1012	40 to 180	5, Fixed	205	SPST, Open Rise	5.5	Call
T6031A1011	15 to 90	3.5 to 16	125	SPDT	5	Call
T6031A1029	-30 to 90	3.5 to 16	130	SPDT	8	155.65
T6031A1060	-30 to 90	3.5 to 16	130	SPDT	20	Call
T6031C1009	40 to 180	2, Fixed	205	SPDT	5.5	256.05
T6031D1049	30 to 270	7, Fixed	305	SPDT	5.5	250.11
T6031E1004	55 to 90	1.5, Fixed	150	SPDT	5.5	Call

TEMPERATURE

REMOTE BULB

WIDE RANGE



Wide range temperature controls.
- Contact rating: 17 F.L. Amp @ 240 Vac

RANCO invensys.

Part No.	Range (°F)	Differential (°F)	Switch	Capillary Length (Ft.)	Price
060100	-35 to 95	4 to 50	SPDT	8, Cross Ambient	140.46
060101	-35 to 95	4 to 50	SPDT	Air Coil	Call
060109	-20 to 70	3.5 to 35	SPST, Open Low	8, Cross Ambient	Call
060200	95 to 240	6 to 50	SPDT	8, Cross Ambient	Call

RUBBER BULB



- Rubber coated bulb and capillary provide corrosion resistance
- Bulb designed for direct immersion

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A19AAF4	SPDT	40 to 90	1-1/2, Fixed	3/8 x 5-3/4	6	140	3	Call

RAINPROOF ENCLOSURE



- Control cooling tower sump heaters
- NEMA 3R enclosure

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A19ANC1	SPDT	0 to 150	6, Fixed	0.290 x 2-1/2	10	190	8	373.91

REMOTE BULB, HEAVY DUTY



The A72AE and A72CE are wide range temperature controls with heavy duty DPST contacts and neoprene coated sensing elements for control of cooling tower fans, motorized valves, or solenoid operated valves.
- Heavy duty construction

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A72AE1	DPST, Close High	24 to 90	4 to 25	3/8 x 6-3/4	6	170	24	488.71
A72CE1	DPST, Open High	24 to 90	4 to 25	3/8 x 6-3/4	6	170	24	524.17

2 STAGE, REMOTE BULB, WIDE RANGE



Temperature sensing applications requiring two-stage control of HVAC/refrigeration equipment.
- Wide temperature ranges

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Interstage Differential	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A28AA29	2-SPDT	-30 to 110	5, Fixed	2 to 7	3/8 x 4	8	140	8	341.29
A28AA37	2-SPDT	60 to 140	5, Fixed	2 to 7	3/8 x 4	6	230	8	Call
A28AJ4	2-SPDT	20 to 80	2, Fixed	2 to 7	3/16 x 22	6	140	3	Call

REMOTE BULB

2 STAGE, WEATHERPROOF NEOPRENE COATED BULB



The A28MA controls are wide range temperature controls with rainproof NEMA 3R enclosure and two SPDT switches.

- Sump water temperature control for cooling towers and evaporative condensers
- Fan cycling control for air cooled condensers

Part No.	Switch	Range (°F)	Differential (°F)	Interstage Differential	Bulb (In.)	Capillary Length (Ft.)	F.L. Amps (@ 240V)	Price
A28MA1	2-SPDT	40 to 120	5, Fixed	8, Fixed	3/8 x 4	6	8	477.73

4 STAGE, REMOTE BULB



The A36 Series are four stage thermostats with open construction for use in panel mounting.

- Cycling control for multiple refrigeration compressors or unloading type compressors
- Suggested replacements available under System 350 electronic temperature controls

Part No.	Switch	Range (°F)	Differential (°F)	Interstage Differential	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A36AHA52	4-SPDT	55 to 95	2, Fixed	1 1/2, Fixed	3/8 x 5 1/4	6*	120	5	837.84
A36AHA58	4-SPDT	0 to 70	3, Fixed	2 1/2, Fixed	3/8 x 4	15**	120	5	955.82
A36AHB33	4-SPDT	0 to 70	2, Fixed	2 1/2, Fixed	3/8 x 4	15**	120	3	955.82

*12" nylon arm
**Braided armor cap.

WATER CHILLER



Remote bulb temperature control with limited setpoint range, adjustable differential, and adjustable cutout.

Part No.	Switch	Range (°F)	Differential (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A19ZBA1	SPST, Open Low	38 to 80	8 to 40	3/8 x 3-7/16	6	140	8	Call

A72AA SERIES

REMOTE BULB

The A72 Series temperature controls incorporate a vapor charged sensing element and heavy duty contacts.

- Automatic control of heavy electrical loads
- DPST contact block contains two isolated sets of contacts that make or break simultaneously



Part No.	Switch	Range (°F)	Differential (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V 1ø)	Price
A72AA2	DPST, Open Low	15 to 55	3 to 30	3/8 x 3	6	200	24	Call
A72AA3*	DPST, Open Low	50 to 90	3 to 30	11/16 x 6-3/41	6	135	24	Call

*Cross ambient.

REMOTE BULB

A72AA SERIES

COILED BULB



- Coiled copper bulb
- Space sensing thermostat with heavy duty contacts for cooling applications

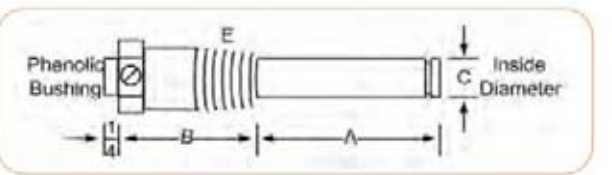
Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V 1ø)	Price
A72AA4	DPST, Open Low	15 to 55	3 to 30	200	24	Call

BULB WELL



- Brass and copper wells
  Maximum pressure: 300 psig
  Maximum temperature: 250°F
- Monel wells
  Maximum pressure: 1,000 psig
  Maximum temperature: 700°F



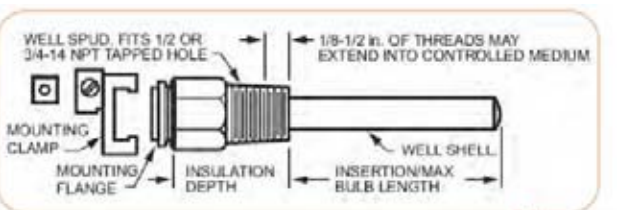
Johnson Controls

Part No.	Dimensions (In.)			Pipe Thread (In.)	Construction		Price
	A	B	C		Connector	Tube	
WEL11A601R	2-3/8	2-5/16	.299	1/2	Brass	Copper	77.41
WEL14A601R	7-9/16	1-13/16	.430	1/2	Brass	Copper	Call
WEL14A602R	4-15/16	1-13/16	.430	1/2	Brass	Copper	68.89
WEL14A603R	5-13/16	1-13/16	.430	1/2	Brass	Copper	69.60
WEL17A600R	10-7/16	3/4	.763	3/4	Malleable	Copper	Call

BULB WELL



- Copper wells
  Maximum pressure: 255 psi
  Maximum temperature: 300°F
- Include mounting clamp



Honeywell
THE POWER OF CONNECTED

Part No.	Bulb (In.)	Pipe Thread (In.)	Insulation Depth (In.)	Price
121371A	3/8 x 3	1/2	1-1/2	62.69
121371B	3/8 x 3	3/4	1-1/2	71.38

HEAT CONDUCTIVE COMPOUND



For efficient bulb/well heat transfer to aid accurate sensing

Honeywell
THE POWER OF CONNECTED

Part No.	Container Size	Price
107408	4 Oz.	28.87

REMOTE BULB

TEMPERATURE CONTROLLERS



Remote bulb thermostats regulate temperature of air or liquids in ducts, pipes, tanks and boilers.

- Fast response models operate approximately four times faster than standard models
- Standard bulb size: 1/2" x 4 3/16"
- 55–175°F bulb size: 1/2" x 3 9/16"
- Contact rating: 5.1 F.L. Amps @ 240 Vac

Honeywell

THE POWER OF CONNECTED

SINGLE STAGE, GENERAL PURPOSE

Part No.	Switch	Temperature Range (°F)	Differential (°F)	Capillary Length (Ft.)	Fast Response	Price
T675A1045	SPDT	0 to 100	3 to 10	20	No	Call
T675A1102	SPDT	160 to 260	3 to 10	20	No	298.92
T675A1136	SPDT	0 to 100	1, Fixed	20	No	Call
T675A1425	SPDT	55 to 175	3.6 to 12	20	No	291.43
T675A1508	SPDT	0 to 100	3 to 10	5	No	263.58
T675A1516	SPDT	0 to 100	1, Fixed	5	No	254.21
T675A1524	SPDT	55 to 175	1, Fixed	20	No	Call
T675A1532	SPDT	160 to 260	3 to 10	5	No	281.51
T675A1540	SPDT	55 to 175	3.6 to 12	5	No	271.08
T675A1565	SPDT	0 to 100	3 to 10	20	No	302.22
T675A1706	SPDT	0 to 100	3 to 10	5	Yes	286.66
T675A1722	SPDT	55 to 175	3.6 to 12	5	Yes	294.17
T675B1002	SPST, Open Fall	30 to 50	Manual	10	No	289.16
T675B1010	SPST, Open Fall	30 to 50	Manual	20	No	315.17

TWO STAGE, GENERAL PURPOSE

Part No.	Switch	Temperature Range (°F)	Differential (°F)	Interstage Differential (°F)	Capillary Length (Ft.)	Fast Response	Price
T678A1015	2-SPDT	0 to 100	3, Fixed	3 to 10	20	No	407.36
T678A1361	2-SPDT	55 to 175	3.6, Fixed	3.6 to 12	20	No	Call
T678A1437	2-SPDT	0 to 100	3, Fixed	3 to 10	5	No	351.23
T678A1445	2-SPDT	55 to 175	3.6, Fixed	3.6 to 12	5	No	Call
T678A1478	2-SPDT	0 to 100	3, Fixed	3 to 10	5	Yes	Call
T678A1494	2-SPDT	55 to 175	3.6, Fixed	3.6 to 12	5	Yes	Call

CHANGEOVER



- Senses supply water temperature in air conditioning equipment or outdoor temperature in ventilation systems.
- Bulb size: 3/8" x 3"

Honeywell

THE POWER OF CONNECTED

Part No.	Switch	Temperature Range (°F)	Differential (°F)	Capillary Length (Ft.)	Price
T678C1005	2-SPDT	55 to 85	5	5.5	Call

TEMPERATURE

REMOTE BULB

2 STAGE, SEQUENCED



- Used for sequenced control of air temperature in two-stage heating or cooling systems or for single stage heating cooling control.
- Bulb size: 5/16" x 11 11/16"

Honeywell

Part No.	Switch	Temperature Range (°F)	Fixed Differential (°F)	Fixed Interstage (°F)	Capillary Length (Ft.)	Price
T678F1002	2-SPDT	55 to 85	2	2.5	5.5	Call

GENERAL PURPOSE WIDE RANGE



- Positive control for refrigeration applications
- Switch: SPST, close rise
- Hydraulic action element

White Rodgers EMERSON Climate Technologies

Part No.	Range (°F)	Differential (°F)	Capillary Length (Ft.)	Bulb Size (In.)	F.L. Amps (@ 240Vac)	Price
160990	-20 to 50	3 to 25	8	3/8 x 5-1/4	3.7	Call
1609101	-30 to 90	3.5 to 40	5	3/8 x 5-1/4	8.0	126.75
1609103	-30 to 90	3.5 to 40	10	3/8 x 5-1/4	8.0	142.88

ICE BANK



Suitable for soft drink dispensers, drink vending machines, and ice builders for thermal storage. Uses a special water-filled bulb and transmission fluid to control ice thickness in applications utilizing a refrigerated water bath with ice bank reserve capacity

RANCO invensys

Part No.	Range (°F)	Differential (°F)	Switch	Capillary (Ft.)	Price
018100	Fixed	1/8" Ice Thickness	SPST, Open Low	6, w/Bulb	Call

SPACE

UTILITY LINE VOLTAGE, HEAVY DUTY



- A19BAC for ventilating and heating applications
- A19BBC2 for cooling applications
- Return air or space temperature sensing

Johnson Controls

Part No.	Range (°F)	Differential (°F)	Capillary Length (In.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Switch	Price
A19BAC1	30 to 110	3-1/2, Fixed	1-3/8 x 2-1/4 Coiled	140	8	SPDT	192.79
A19BBC2	-30 to 100	3 to 12	1-3/8 x 2-1/4 Coiled	140	8	SPDT	189.82

UTILITY LINE VOLTAGE



Provides SPDT heavy-duty, line-voltage temperature control in ventilation, heating or cooling.

- Contact rating: 3.7 F.L. Amp @240 Vac
- Air coil element

Honeywell

Part No.	Switch	Temperature Range (°F)	Fixed Differential (°F)	Price
T6054A1005	SPDT	-30 to 100	3.5	Call

SPACE

NEMA 4X ENCLOSURE



The A19PRC is a single stage electromechanical thermostat designed for heating and ventilation applications. It features a raintight enclosure for use in agricultural and industrial applications that require compliance with Article 547 of the National Electric Code. The A19PRC has a rugged thermoplastic enclosure that meets NEMA 4X specifications.

- Coiled sensing bulb
- Exposed portion of the sensing element is plated and plastic coated to resist damage in corrosive Atmospheres

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Price
A19PRC1	SPDT	30 to 110	3 to 12	Call

2 STAGE, COILED BULB



Temperature sensing applications requiring two-stage space control of HVAC/refrigeration equipment.

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Interstage Differential (°F)	Sensor (In.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A28AA4	2-SPDT	30 to 110	3-1/2, Fixed	3, Fixed	1-3/8 x 2-1/4	140	8	329.82

EXPLOSION PROOF



- Designed for use in grain elevators, chemical and powder plants, mines, oil refineries. For use in Class I, Group D and Class II, Group E, F, and G hazardous locations.
- Coiled bulb sensing unit

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Price
A19BUC2	SPDT	20 to 80	3-1/2	Call

FARM-STAT



Provides line voltage control of heating, cooling and ventilating systems in farm buildings or storage areas.

- Treated to resist corrosion
- Contact rating: 3.7 F.L. Amp @240 Vac

Honeywell

Part No.	Switch	Temperature Range (°F)	Fixed Differential (°F)	Price
T631A1006	SPDT	35 to 100	2	258.92
T631A1022	SPDT	70 to 140	2	Call
T631A1030	SPDT	0 to 70	3	Call
T631B1005	2-SPDT	35 to 100	2	Call
T631C1012	SPDT, 5.1A	20 to 90	3	277.36
T631C1020	SPDT	70 to 140	2	Call
T631C1103	SPDT, 5.1A	-30 to 100	5	Call

FARM-STAT, NEMA 4X



Provides line voltage control of heating, cooling and ventilating systems in farm buildings, storage areas and industrial environments; watertight, dust-proof enclosure.

- Contact rating: 3.7 F.L. Amp @ 240 Vac

Honeywell

Part No.	Switch	Temperature Range (°F)	Fixed Differential (°F)	Price
T631F1068	SPDT	35 to 100	2	Call

TEMPERATURE

DEFROST TERMINATION, FAN DELAY



Remote bulb control with adjustable defrost termination temperature and preset fan delay temperature.

- Defrost termination control for refrigerated display cases
- Sensing element unaffected by barometric pressure and cross ambient temperature problems

Johnson Controls

Part No.	Switch	Defrost Termination (°F)	Fan Delay Temp. (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A19ZBC2	SPDT	45 to 85	25, Fixed	19/64 x 3-1/8	6	140	8	Call

F25 SERIES



The F25 control terminates defrost and delays the evaporator fan operation on electric heat, hot gas and reverse cycle commercial refrigeration systems.

- Contact rating: 20 F.L. Amp @ 240 Vac

RANCO invensys

Part No.	Temperature Range (°F)	Temperature Differential (°F)	Switch	Capillary Length (In.)	Price
F25107	40 to 75	20, Fixed	SPDT	60, Cross Ambient Bulb	190.11
F25114	44 to 79	24, Fixed	SPDT	60, Cross Ambient Bulb	Call

FREEZESTAT

A11 SERIES



The A11 Series low temperature cutout controls incorporate a 20 foot long, vapor charged, sensing element. These controls react to the coldest 18 inch section of the control sensing element.
These controls are suitable for monitoring the face temperature of hot water coils for freeze protection.
The most common application for these controls is as a low temperature cutout for coils and/or pipe liquid sensing

- Element: 20' of 1/8 O.D. tubing, 4' capillary
- Switch: SPST—open low

Johnson Controls

Part No.	Range (°F)	Differential (°F)	Ambient Range (°F)	Max. Element (°F)	F.L. Amps (@ 240V)	Price
A11A1	35 to 45	Manual Reset	0 to 140	250	8	377.44
A11B1	35 to 45	8, Fixed	0 to 140	250	8	363.15

A70 SERIES, ALARM



The A70G, A70H, and A70K have a four-wire, two circuit contact block that contains two isolated sets of contacts.
The contacts are designed so that when the main contact opens, the auxiliary contact closes.
Typical applications would include energizing an indicator light upon low temperature cutout on a ventilating system.

- Use as freezestat.
- A70GA1/A70HA1 only
- Low cutout stop is set and sealed at 35°F (1.6°C).
- Control responds only to the lowest temperature along any 1' of entire 20' element or bellows cup

Johnson Controls

	Switch							F.L. Amps (@ 240V)		
Part No.	Main	Auxiliary	Range (°F)	Differential (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	Main	Auxiliary	Price
A70GA1	Open Low	Close Low	15 to 55	5, Fixed	1/8 O.D. Tubing	20	400	8	3	375.45
A70HA1	Open Low	Close Low	15 to 55	Manual Reset	1/8 O.D. Tubing	20	400	8	3	376.93
A70KA1	Open High	Close High	100 to 170	Manual Reset	3/8 x 10	6	240	8	3	382.33

L480 SERIES



Used to limit or control temperature in air conditioning systems or refrigerated enclosures.

- Applications include freezer cabinets, display cases, beverage coolers, milk cooling tanks and air conditioners.
- Also used as frost alarm operator in storehouses or orchards where frost would damage crops or equipment.
- Maximum element temperature: 225°F
- Contact rating: 6.5 F.L. Amps @ 240 Vac
- Temperature differential: 10°F, fixed

Honeywell
THE POWER OF CONNECTED

Part No.	Switch	Reset Type	Operating Range (°F)	Capillary Length* (Ft.)	Price
L480B1239	SPDT	Automatic	20 to 60	20	Call
L480G1044	SPST, Open Fall	Manual	20 to 60	20	392.51

*No bulb

TEMPERATURE

FREEZESTAT

L482 SERIES



- Contact rating:
  8 F.L. Amps (N.C.) @ 240 Vac
  3 F.L. Amps (N.O.) @ 240 Vac
- Maximum element temperature: 400°F

Honeywell

Part No.	Switch	Reset Type	Operating Rang (°F)	Capillary Length (Ft.)	Price
L482A1004	2-SPST (1 N.O., 1 N.C.)	Manual	15 to 55	20	339.47

16A SERIES



Designed to shut down cooling equipment before undesirably low temperatures are reached.

- Manual reset freeze protection control
- Switch: SPST, open fall
- Contact rating: 7.0 F.L. Amp @ 240Vac

White Rodgers EMERSON

Part No.	Range (°F)	Differential	Capillary Length (Ft.)	Bulb (In.)	Price
16A609	-20 to 50	Manual Reset	10	3/8 x 5-1/2	257.11

ELECTRONIC

REMOTE SENSOR, A419 SERIES



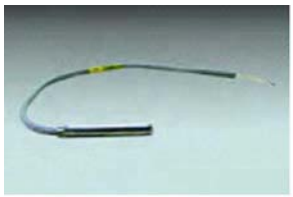
The A419 Series control is a single stage, electronic temperature control with a single-pole, double-throw (SPDT) output relay. It has a lockable keypad, adjustable anti-short cycle delay, and binary input for temperature offset.

- Displays temperature and other function status—custom icons indicate system status at a glance, digital display allows precise setpoint setting
- Concealed jumper deters unauthorized changes to control settings
- Allows the user to shift the setpoint by an adjustable amount based on the status of an external switch, such as a time clock
- Notifies the user in the event of temperature sensor/wiring failure, and whether the circuit has failed open or shorted; allows the user to select output on or output off as the control default
- Allows the user to determine how rapidly the control can cycle the load off and on
- Current draw: 1.8 VA maximum
- Operating ambient: -30 to 140°F
- Operation humidity: 0–95% relative humidity
- Remote sensing applications up to 800'

Johnson Controls

Part No.	Enclosure	Switch	Voltage	Lead Length (In.)	Range (°F)	Differential (°F)	F.L. Amps (@ 240 V)	Price
A421ABC-02C	NEMA 1	SPDT	120, 208/240	78	-30 to 212	1 to 30	8	148.21
A421ABC-03C	NEMA 1	SPDT	120, 208/240	117	-30 to 212	1 to 30	8	0.00
A421AEC-01C	NEMA 4X	SPDT	120, 208/240	9-3/4	-30 to 212	1 to 30	8	Call
A421GBF-02C	NEMA 1	SPDT	24	78	-30 to 212	1 to 30	8	137.05
A421GEF-01C	NEMA 4X	SPDT	24	9-3/4	-30 to 212	1 to 30	8	Call

PTC SENSOR, A99B SERIES



- Passive PTC silicon sensor (1035Ω at 77°F)
- Exceptional accuracy of the sensing element provides excellent performance in a wide variety of applications
- Stainless steel sensing bulb allows use in applications that require more corrosion protection
- Lead length may be extended up to 800'
- Use with A419

Johnson Controls

Part No.	Length (In.)	Temperature Range	Description	Price
A99BB25C	9-3/4	-40°F to 212°F	PVC Cable	46.68
A99BB200C	78	-40°F to 212°F	PVC Cable	51.45
A99BB300C	117	-40°F to 212°F	PVC Cable	56.64
A99BC25C	9-3/4	-40°F to 248°F	Hi Temp Silicon Cable	53.32
A99BC100C	39-2/3	-40°F to 248°F	Hi Temp Silicon Cable	Call
A99BC-300C	24-3/8	-40°F to 248°F	Hi Temp Silicon Cable	102.83

ELECTRONIC

REMOTE SENSOR, ETC SERIES



- Wide temperature range: -30 to 220°F
- Adjustable differential range: 1° to 30°F
- LCD digital display: Sensor temperature, control settings, relay status, onboard diagnostics
- Remote temperature sensing: up to 400'; sensor included
- Lockout switch to prevent tampering
- Relay output 240V NO
  1 stage controls - 8 FLA
  2 stage controls - 4 FLA

RANCO invensys

Part No.	Input Voltage (Vac)	Stages	Enclosure	Price
ETC111000	120/240	1	NEMA1	159.09
ETC-141000-000	120/240	1	Watertight, NEMA4	291.45
ETC112000	24	1	NEMA1	158.96
ETC211000	120/240	2	NEMA1	290.14
ETC241000	120/240	2	Watertight, NEMA4	Call
ETC212000	24	2	NEMA1	281.55

NTC Sensor

Part No.	Description	Price
1309007044	NTC Sensor, 96", for all ETC	30.00

REMOTE SENSOR



Offers the widest multiple voltage operating range: 24/120/208/240 VAC Does not require a common wire when electrical load is greater than 2.5 amps

- Wide temperature range: -40 to 220°F
- Adjustable differential range: 1° to 30°F
- Remote temperature sensing: up to 400'; sensor included
- 8 FLA @ 240 Vac
- Alarm relay NO contact: 1 amp

White Rodgers EMERSON Climate Technologies

Part No.	Input Voltage (Vac)	Stages	Enclosure	Price
16E09-101	24/120/208/240	1	NEMA 1	162.00

ENCAPSULATED TEMPERATURE SENSOR



Use with T7075 and T775 series.

Honeywell

Part No.	Temperature Range (°F)	Description	Price
193987GA	-40 to +257°F	2-5/8" L, 3/8" diameter, 6" leads	264.55
50021579001	-40 to +270°F	Water resistant, 2" L, 1/4" diameter, 9' leads	104.32
T775SENSOAT	-40 to +158°F	Outside Air Sensor, 8 5/16"L	Call
T775SENSSTRAP	-40 to +250°F	Strap On, Hot/Chilled Water	Call
T775SENSWR	-40 to +270°F	Water resistant, 3-1/2" L, 1/4" diameter, 5' leads	Call
T775SENSWT	-40 to +270°F	Water tight, 2" L, 1/4" diameter, 6' leads	Call

ELECTRONIC

REMOTE SENSOR, T775-2000 SERIES



Provide on/off, modulating, or reset control where electronic accuracy and remote sensing is desired

- Available with one or two temperature inputs and up to four SPDT relay output stages or modulating outputs
- Calibrate input sensors up to ±10°F for temperature and up to ±10% of range for other sensors (e.g pressure, humidity) to compensate for resistance drops in longer sensor wire runs.
- Two settable time periods per day are standard on all models
- Power: 24, 120, or 240 Vac; 50/60 Hz;
- Remote sensing from up to 1,000'
- Operating range: -40 to 140°F
- Setting range: -40 to 248°F
- Differential: 1 to 150°F
- Contact rating: 4.9 FLA at 230V
- Analog modulating outputs can be individually configured for 0-10 Vdc, 2-10 Vdc, 4-20 mA or Series 90.

Honeywell

Part No.	Input Quantity	Outputs			Enclosure	Comment	Price
		Relay	Analog	Floating			
T775A2009	1	1	—	—	NEMA 1	Standard	331.54
T775B2016	2	2	—	1	NEMA 4X	Standard, Floating	Call
T775B2024	2	4	—	2	NEMA 4X	Standard, Floating	803.22
T775B2032	2	2	—	1	NEMA 1	Standard, Floating	500.23
T775B2040	1	1	—	2	NEMA 1	Standard, Floating	731.34
T775M2006	2	—	2	—	NEMA 1	Modulating	Call
T775M2014	2	4	2	—	NEMA 4X	Modulating	Call
T775M2022	2	2	2	—	NEMA 4X	Modulating	Call
T775M2030	2	4	2	—	NEMA 1	Modulating	912.27
T775M2048	2	2	2	—	NEMA 1	Modulating	655.37
T775R2001	2	4	—	2	NEMA 1	Outdoor reset, 2 sensors included	Call
T775R2019	2	4	2	—	NEMA 1	Outdoor reset, 2 sensors included	Call
T775R2027	2	2	2	—	NEMA 1	Outdoor reset, 2 sensors included	Call
T775R2035	2	2	—	1	NEMA 1	Outdoor reset, 2 sensors included	627.65
T775R2043	2	—	2	—	NEMA 1	Outdoor reset, 2 sensors included	Call
T775U2006	2	2	2	—	NEMA 1	Universal; Humidity, Pressure, Temperature (less sensor)	655.37
T775U2016	2	2	2	—	NEMA 1	Universal; Humidity, Pressure, Temperature. Control to Sensor A (Universal Input) or Sensor B (temp) Independently.	Call
T775L2007	2	4(2)	—	—	NEMA 1	Stage Sequencer with Reset	712.71
T775P2003	3	4	—	—	NEMA 1	Boiler Reset, 3 input sensors, digital alarm	Call
T775S2008	—	4	—	—	NEMA 1	Relay Expansion Module only, use with T775L, T775P	219.90

WALL MOUNTED REMOTE BULB ENCLOSURE

The TR29 is a wall mount enclosure only and can be used to wall-mount any 1/4"or 3/8" diameter probe sensor.

- Enclosure has the same look and feel of our TR21 wall module.
- Sensor can be mounted inside of the enclosure or directly to the wall or duct using the mounting clips supplied with the unit.

Honeywell

Part No.	Description	Price
TR29	Enclosure without sensor	Call

PROPORTIONAL, REMOTE BULB

MODULATING







For modulating control of water or air temperature in ducts, tanks and similar applications.

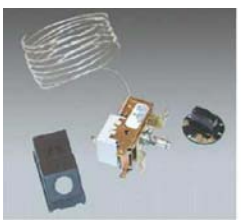
- Supply voltage: 24–30 Vac
- Potentiometer resistance: 135Ω (T991A1269

Honeywell

Part No.	Temperature Range (°F)	Throttling Range (°F)	Capillary Length (Ft.)	Bulb (In.)	Price
T991A1004	0 to 100	3 to 30	5	1/2 x 4-3/16	Call
T991A1012	0 to 100	3 to 30	20	1/2 x 4-3/16	707.95
T991A1079	160 to 260	3 to 30	20	1/2 x 4-3/16	Call
T991A1194	55 to 175	3.5 to 36	20	1/2 x 3-9/16	Call
T991A1244	55 to 175	3.5 to 36	5	1/2 x 3-9/16	628.92
T991A1269	55 to 175	3.5 to 36	20	1/2 x 3-9/16	Call
T991A1350	55 to 175	3.5 to 36	24	Averaging	769.18
T991A1426	0 to 100	3 to 30	5	1/2 x 4-3/16	628.92
T991A1715	0 to 100	3 to 30	5	Fast Response	Call
T991A1764	0 to 100	3 to 30	24	Averaging	704.01
T991A2069	0 to 100	3 to 30	20	Fast Response	Call

APPLIANCE

CONSTANT "CUT-IN"



The Ranco A12 controls provide a constant "cut-in" feature. The constant "cut-in" design is generally used to provide an "off" cycle defrost function. Each time the control cycles off, the control contacts will remain "open" until the evaporator is cleared of any frost that may have accumulated from the previous "on" cycle.

- Contact rating: 16 F.L. Amp @ 240 Vac

RANCO invensys

Part No.	Range (°F)	Cut-In (°F)	Capillary Length (In.)	Price
A121506	9 to 22	38	39	138.04
A121560	19 to 29	38	72	131.27
A12700	11.5 to 26	37	84	131.27
A12701	15 to 31	41	84	134.40

CONSTANT DIFFERENTIAL



Controls for commercial refrigerators, freezers, ice machines, vending machines and beverage coolers. These compact controls are readily adaptable to nearly all commercial refrigerators and freezers. A wide selection of temperature ranges, differentials and capillary lengths are available. Break-off shafts are included with installation instructions for easy, fast installation. Controls have "off" position except as noted.

- Contact rating: 20 F.L. Amp @ 240 Vac

RANCO invensys.

Part No.	Range (°F)	Differential (°F)	Switch	Capillary Length (In.)	Price
A221112	25 to 44	5	SPST, Open Low, No Off	72	135.33
A22391	11 to 51	8	SPDT, No Off	66	158.23
A22392	14 to 61.5	23.5	SPDT, No Off	48	173.45
A30180	-4 to 41	12	SPST, Open Low	42	103.65
A30181	-4 to 41	12	SPST, Open Low	84	134.15
A30182	-6 to 44	17	SPST, Open Low	42	127.08
A30183	-5 to 44	17	SPST, Open Low	84	134.97
A30184	-7 to 40	19	SPST, Open Low	42	123.16
A30185	-15 to 36	15.5	SPST, Open Low	42	Call
A30260	-.5 to 32	6	SPST, Open Low	72	115.90
A30261	32 to 61	6	SPST, Open Low	84	99.43
A30262	3 to 43	12	SPST, Open Low	84	109.92
A30263	.5 to 47	22.5	SPST, Open Low	84	107.88
A30301	-24 to 20.5	8.5	SPST, Open Low, No Off	84	102.14
A30304	-21.5 to 19.5	15.5	SPST, Open Low, No Off	84	104.64
A30307	-23 to 23	23	SPST, Open Low, No Off	78	Call
A30308	-30.5 to 12.5	11	SPST, Open Low, No Off	84	122.76
A30310	-24 to 23	20	SPST, Open Low	36	Call
A30311	-22 to 24	14	SPST, Open Low	42	Call
A30313	-20 to 21	8	SPST, Open Low	42	105.00
A30314	-21.5 to 23	8	SPST, Open Low	54	Call
A30323	-11 to 10.5	10	SPST, Open Low	48	143.85
A302209	35 to 48	8	SPST, Open Low	48	127.13
A302210	30 to 42	8	SPST, Open Low	48	107.18
A30-2211	-10.5 to 17.5	10	SPST, Open Low	48	Call
A302212	42.5 to 57	6	SPST, Open Low, No Off	48	Call
A30543	7 to 45	12	SPST, Open Low	27	149.23
A303618	17 to 45	17	SPST, Open Low	30	85.00
A303725	16 to 50	19	SPST, Open Low	60, w/Bulb	104.05

TEMPERATURE

EVAPORATOR DE-ICE



Control is generally wired in series with cycling control and capillary senses evaporator temperature. When ice starts to accumulate on evaporator, control will shut off compressor.

Part No.	Setting (°F) Open	Close	Switch	Capillary Length (In.)	Price
A302311	30	60	SPST	30	123.02

ICE BIN LEVEL



Direct replacement control for ice machine applications. Provides narrow differential for accurate control of bin level.

- Contact rating: 20 F.L. Amp @ 240 Vac

Part No.	Range (°F)	Differential (°F)	Switch	Capillary Length (In.)	Price
A221129	35 to 51	6	SPDT	48	137.08

ICE HARVEST



Adaptable replacement for ice machine applications.

- Contact rating: 20 F.L. Amp @ 240 Vac

Part No.	Range (°F)	Differential (°F)	Switch	Capillary Length (In.)	Price
A224506	-19 to 22	8	SPDT	72	141.20

WATER COOLER



Ranco's water cooler controls will replace about 80% of your control needs for equipment from such manufacturers as Ebco, Elkay, Sunroc, Halsey-Taylor, Kelvinator and General Electric.

- Contact rating: 6 F.L. Amp @ 250 Vac

Part No.	Range (°F)	Differential (°F)	Capillary Length (In.)	Price
K3001	37 to 61	7	48	99.00
K3002	7 to 66	27	36	99.92

OUTDOOR THERMOSTAT

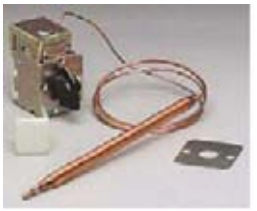


Ranco's C12-2001 control is an adjustable thermostat which holds back additional stages of supplemental heat until the outdoor temperature falls below the control's set point.

Contact rating: 20 F.L. Amp @ 240 Vac

Part No.	Range (°F)	Differential (°F)	Switch	Capillary Length (In.)	Price
C122001	-1 to 63	5	SPDT	30, w/Bulb	119.13

PTAC



This control replaces many OEM controls on heat/cool units.

- Contact rating: 20 F.L. Amp @ 240 Vac

Part No.	Range (°F)	Differential (°F)	Switch	Capillary Length (In.)	Price
C125010	60 to 98	3	SPDT	36, w/Bulb	143.85
C17100	64 to 101	3.5	2 SPDT	26, w/Bulb	200.74

APPLIANCE

DISCHARGE FEEDBACK



Discharge feedback thermostats types C17 and C22 are replacements for room, packaged terminal and through the- wall air conditioning units equipped for either manual or automatic heat/cool changeover. The C17 and C22 have separate switches for heating and cooling.

Part No.	Range (°F) Cool	Differential (°F)	Capillary Length (In.)	Price
C129024	67 to 83	4	36, w/Bulb; 36, w/Bulb	Call
C179043	68 to 86	4	36, w/Bulb; 36, w/Bulb	223.28

ROOM AIR CONDITIONER



Adaptable control to replace OEM controls which govern the on/off compressor function.

- Contact rating: 20 F.L. Amp @240 Vac

Part No.	Range (°F)	Differential (°F)	Switch	Capillary Length (In.)	Price
A221114	60 to 91	5	SPST, Open Low	54, Cross Ambient	Call
A222451	45 to 81	5	SPDT	27	130.08
A222453	59 to 90	6	SPDT	39, Cross Ambient	159.06
A30X450	58 to 89	5	SPST, Open Low	18, Air Coil	86.06
A30X451	58 to 91	5	SPST, Open Low	48	86.06

PRESSURE

ENCAPSULATED

AUTO RESET, OPEN HIGH

Part No.	Pressure (psi) Open	Close	Price
SHP200150	200	150	Call
SHP250150	250	150	15.32
SHP250180	250	180	Call
SHP275195	275	195	Call
SHP300200	300	200	15.32
SHP350250	350	250	15.32
SHP375265	375	265	15.32
SHP400200	400	200	Call
SHP400280	400	280	15.32
SHP400300	400	300	15.32
SHP425300	425	300	15.32
SHP425325	425	325	15.32
SHP450250	450	250	15.32
SHP610420	610	420	15.32

AUTO RESET, OPEN HIGH.

Part No.	Pressure (psi) Open	Close	Price
P100CP1C	400	300	43.46
P100CP-85C	665	565	48.96

AUTO RESET, OPEN LOW, FAN CYCLING

Part No.	Pressure (psi) Open	Close	Price
SFC150225	150	225	15.32
SFC170250	170	250	15.32
SFC210275	210	275	15.32
SFC300400	300	400	15.32

Part No.	Pressure (psi) Open	Close	Price
P100AP3C	150	225	43.46
P100AP4C	170	250	43.46

Part No.	Pressure (psi) Open	Close	Price
33340	126	264	23.42

MANUAL RESET, OPEN HIGH

Part No.	Pressure (psi) Open	Connection (In.)	Price
SMR410	410	1/4	20.80
SMR440	440	1/4	Call
SMR375	375	1/4	22.34
SMR610	610	1/4	22.60

MANUAL RESET, OPEN HIGH

Part No.	Pressure (psi) Open	Connection (In.)	Price
P100DA-1C	410	1/4	101.23
P100DA2	475	1/4	Call
P100DA81C*	630	1/4	66.02

AUTO RESET, OPEN LOW

Part No.	Pressure (psi) Open	Close	Price
SLP0520	5	20	15.32
SLP1032	10	32	15.32
SLP1535	15	35	15.32
SLP2550	25	50	Call
SLP2565	25	65	15.32
SLP2580	25	80	15.32
SLP3560	35	60	15.32
SLP4080	40	80	15.32
SLP5090	50	90	15.32
SLP75100	75	100	15.32
SLP90120	90	120	15.32

PRESSURE

SYSTEM 450™

All System 450 modules are multipurpose and field configurable out-of-the-box; each module is designed for use in temperature, pressure, and humidity systems. Each control module can be set up as a stand-alone control or connected to expansion modules to control up to 10 outputs based on the input from up to 3 control sensors. A control system's outputs can be relay outputs (On/Off), analog outputs (0-10 VDC or 4-20 mA), or any combination of relay and analog outputs.

- Up to 3 input sensors and up to 10 outputs allow you to build both simple and complex application specific control systems
- 4.9 F.L. Amps @ 240Vac

CONTROL MODULE



Part No.	Description	Price
C450CBN-4C	Control Module with 1 SPDT Output Relay	Call
C450CCN-4C	Control Module with 2 SPDT Output Relays	Call
C450CPN-4C	Control Module with 1 Analog Output (4-20 mA / 0-10 VDC)	Call
C450CQN-4C	Control Module with 2 Analog Outputs (4-20 mA / 0-10 VDC)	Call
C450RBN-3C	Control Module with 1 SPDT Output Relay, Temperature/Humidity Reset Capable	Call
C450RCN-3C	Control Module with 2 SPDT Output Relays, Temperature/Humidity Reset Capable	Call

RELAY OUPUT EXPANSION MODULE

Part No.	Description	Price
C450SBN-3C	Relay Output Expansion Module Provides 1 SPDT Output Relay	Call
C450SCN-3C	Relay Output Expansion Module Provides 2 SPDT Output Relays	208.40
C450SPN1C	PI Analog Output Expansion Module Provides 1 Analog Output 4-20mA/0-10VDC	112.66
C450SQN1C	PI Analog Output Expansion Module Provides 2 Analog Outputs 4-20mA/0-10VDC	208.40

POWER MODULE

Part No.	Description	Price
C450YNN1C	Provides 24 V to System 450™ Module Assembly; 120 or 240 VAC Supply Power Input Terminals	78.86

SINGLE FUNCTION

ELECTRONIC



The P470 Electronic Pressure Control with Display is a single-stage, On/Off, electronic pressure control with an SPDT output relay (open high or low). The P470 control uses a P399 Electronic Pressure Transducer to generate a pressure signal and WHA-P399 Wiring Harness, which eliminates many of the constraints of capillary tube control applications. (MUST BE ORDERED SEPARATELY)

Part No.	Voltage	Price
P470EB1	120/208-230	174.54
P470FB1	24	169.30

LOW PRESSURE TIME DELAY



- Applications: chiller low temperature cutout; industrial equipment, oil pressure lubrication cutout; low suction pressure cutout
- Maximum bellows pressure: 325 psig
- Pressure drop to close contacts: 1–3 psi

Part No.	Switch	Range (psi)	Pressure Connection (In.)	Price
P29NC2	SPST	20 to 100	1/4 M Flare	Call
P29NC3	SPST	20 to 100	1/4 F Flare; 36" Capillary	410.41

Johnson Controls

| HVAC/R Controls |

The core of Johnson Controls

Winter in Wisconsin in 1880. Professor Warren Johnson's classroom was either too cold or too hot – which meant hourly interruptions by a janitor who came up to check temperatures and retreated to the basement to adjust furnace dampers. To solve the problem, Johnson invented the thermostat. Fast forward to the 21st century, and Johnson Controls systems are still keeping people comfortable. After all, "controls" is our middle name.

Visit your local Aireco branch for product availability.



Open Drives (Series II)

Aireco
WWW.AIRECO.COM
Proud Wholesale Distributor

PRESSURE

SINGLE FUNCTION





The P70 controls employ a set of switch contacts that are opened and closed by the movement of a pressure actuated bellows. Typical applications for these controls include system control of air conditioning and refrigeration systems and limit protection for system components. These controls can be used in the control of air, water, and oil pressure.

FAN CYCLING

- Includes universal mounting bracket
- Maximum over pressure: 475 psig

Johnson Controls

Part No.	Switch	Range (psig)	Differential (psi)	Connection (In.)	Capillary Length (Ft.)	F.L. Amps (@ 240V) 1ø	Price
P70AA118	SPST, Open Low	100 to 400	35 to 200	1/4 F Flare	3	17	176.35
P170AA118	SPST, Open Low	100 to 400	35 to 200	1/4 M Flare	None	17	163.86
P70AA2	SPST, Open Low	0 to 150	10 to 70	1/4 F Flare	3	17	181.02
P70AA400C	SPST, Open Low	100 to 470	35 to 200	1/4 F Flare	3	17	167.95
P70AA-119C	SPST, Open Low	50 to 300	20 to 100	1/4 FPT	None	17	311.75
P72AA27	DPST, Open Low	100 to 400	35 to 200	1/4 F Flare	3	24	268.84

*For ammonia service. Maximum over pressure: 400 psig

HIGH PRESSURE

Johnson Controls

Part No.	Switch	Max. Working Pressure (psig)	Range (psig)	Differential (psi)	Connection (In.)	Capillary Length (Ft.)	F.L. Amps (@ 240V) 1ø	Price
P170AA2C	SPST, Open Low	525 psig	0 to 150	10 to 70	1/4 M Flare	None	17	174.92
P170AA400C	SPST, Open Low	525 psig	100 to 470	35 to 200	1/4 M Flare	None	17	156.06
P70CA2	SPST, Open High	525 psig	50 to 500	60 to 150	1/4 M Flare	None	17	181.49
P70CA3	SPST, Open High	525 psig	50 to 500	60 to 150	1/4 F Flare	3	17	196.55
P170CA3	SPST, Open High	525 psig	50 to 500	60 to 150	1/4 M Flare	None	17	179.39
P70DA1	SPST, Open High	525 psig	50 to 500	Manual Reset	1/4 F Flare	3	17	197.39
P170DA1	SPST, Open High	525 psig	50 to 500	Manual Reset	1/4 M Flare	None	17	189.54
P70CA5*	SPST, Open High	525 psig	50 to 500	60 to 150	1/4 FPT	None	17	Call
P70DA-2C	SPST, Open High	525 psig	50 to 500	Manual Reset	1/4 FPT	None	17	359.37
P170CA400C	SPST, Open High	690 psig	200 to 610	60 to 150	1/4 MFL	None	17	Call
P70CA400C	SPST, Open High	690 psig	200 to 610	60 to 150	1/4 MFL	3	17	187.19
P170DA400C	SPST, Open High	690 psig	200 to 610	Manual Reset	1/4 MFL	None	17	Call
P70DA400C	SPST, Open High	690 psig	200 to 610	Manual Reset	1/4 MFL	3	17	187.05
P72CA2	DPST, Open High	525 psig	50 to 500	60 to 150	1/4 F Flare	3	24	Call
P72DA1	DPST, Open High	525 psig	50 to 500	Manual Reset	1/4 F Flare	3	24	290.10

*For ammonia service

HIGH PRESSURE/ALARM CIRCUIT

- Maximum over pressure: 525 psig

Johnson Controls

Part No.	Switch	Range (psig)	Differential (psi)	Connection (In.)	Capillary Length (Ft.)	F.L. Amps (@ 240V) 1ø	Price
P70KA1	4-Wire, 2-Circuit*	50 to 450	Manual Reset	1/4 F Flare	3	8	283.75
P170KA1	4-Wire, 2-Circuit*	50 to 450	Manual Reset	1/4 M Flare	None	8	264.81

*L-M1 close high; L-M2 open high

PRESSURE

SINGLE FUNCTION

LOW PRESSURE

- Maximum over pressure: 325 psig

Johnson Controls

Part No.	Switch	Range (psig)	Differential (psi)	Connection (In.)	Capillary Length (Ft.)	F.L. Amps (@ 240V) 1ø	Price
P70AB-12C	SPST, Open Low	12" to 80	5 to 35	1/4 F Flare	3	17	177.05
P170AB-12C	SPST, Open Low	12" to 80	5 to 35	1/4 M Flare	None	17	162.51
P70AB1	SPST, Open Low	20" to 100	6 to 50	1/4 M Flare	None	17	169.29
P70AB2	SPST, Open Low	20" to 100	6 to 50	1/4 F Flare	3	17	177.05
P170AB2	SPST, Open Low	20" to 100	7 to 50	1/4 M Flare	None	17	164.04
P70CA1	SPST, Open Low	20" to 100	6 to 50	1/4 F Flare	3	17	191.16
P170CA1	SPST, Open Low	20" to 100	7 to 50	1/4 M Flare	None	17	197.34
P70AA5*	SPST, Open Low	20" to 100	6 to 50	1/4 FPT	None	17	Call
P70CA-4C	SPST, Open High	20" to 100	6 to 50	1/4 FPT	None	17	346.61
P70EA10	SPDT	20" to 100	5 Fixed	1/4 M Flare	None	8	154.64
P72AA1	DPST, Open Low	20" to 100	7 to 50	1/4 F Flare	3	24	268.84

*For ammonia service **Micro set control

P20 Series



The P20 Series are slim profile, field replacement high and low pressure controls for non-corrosive refrigerants.

- Maximum temperature: 140°F
- Contact rating: 8 F.L. Amp @ 240V

Johnson Controls

Part No.	Switch	Range (psig)	Differential (psi)	Max. Bellows (psig)	Price
P20BB1	SPST, Open Fall	7 to 150	Manual Reset	250	99.75
P20DB1	SPST, Open Rise	100 to 425	Manual Reset	450	140.86
P20EB1	SPDT	7 to 150	30, Fixed	250	123.64
P20EB2	SPDT	100 to 425	75, Fixed	450	134.70

SINGLE FUNCTION.



Type 010 SPST for single phase and 020 DPST for double break or 3-phase applications provides close-on-rise switch action for conventional low pressure cycling, pump down, limit, defrost termination, and alarm applications. Type 011 SPST open-on-rise is typically used for unloader applications.

- Contact rating: 24 F.L. Amp @ 240 Vac
- 020 DPST switch: 12 F.L. Amp @ 240 Vac

RANCO invensys

					Connection		
Part No.	Range (psi)	Differential (psi)	Switch	Capillary Length (Ft.)	Size	Gender	Price
O10-1401	12" to 50	5 to 35	SPST, Open Low	None	1/4 SAE	M	138.00
O10-1402	12" to 50	5 to 35	SPST, Open Low	3	1/4 SAE	F	153.77
O10-1483	10" to 100	10 to 40	SPST, Open Low	3	1/4 SAE	F	162.97
0101831	10" to 100	10 to 40	SPST, Open Low	None	1/4 SAE	M	Call
0101894*	100 to 400	40 to 150	SPST, Open Low	None	1/4 SAE	M	Call
O10-2054	100 to 400	40 to 150	SPST, Open Low	3	1/4 SAE	F	164.88
O11-1711	150 to 450	50 to 100	SPST, Open High	3	1/4 SAE	F	180.13
0207006	100 to 400	40 to 150	DPST, Open Low	3	1/4 SAE	F	267.95

*Suitable for head pressure for cycling application.

PRESSURE

SPDT SWITCH



These controls offer a variety of pressure ranges and switch action to provide maximum application flexibility. Type 016 SPDT switch action can be used for all categories of applications. If desired, the unused terminal may be wired to an alarm. Note: Since an alarm circuit is frequently desired on manual reset controls, all manual reset controls are provided in the Type 016 SPDT configurations.

- Contact rating: 24 F.L. Amp @ 240 Vac

RANCO invensys

Part No.	Range (psi)	Differential (psi)	Switch	Capillary Length (Ft.)	Connection		Price
					Size	Gender	
O16-107	10" to 100	10 to 40	SPDT	None	1/4 SAE	M	167.85
O16-108	100 to 400	40 to 150	SPDT	3	1/4 SAE	F	173.53
O16-120	12" to 50	5 to 35	SPDT	None	1/4 SAE	M	174.11
016142	100 to 400	17, Fixed	SPDT	3	1/4 SAE	F	Call
016166	50 to 150	10 to 40	SPDT	3	1/4 SAE	F	190.28
016200	150 to 450	Manual Reset	SPDT, Locks on Increase	4	1/4 SAE	F	190.28
016209	150 to 450	Manual Reset	SPDT, Locks on Increase	None	1/4 SAE	M	Call
O16-261	10" to 100	Manual Reset	SPDT, Locks on Decrease	4	1/4 SAE	F	217.44
016527	10" to 100	10 to 40	SPDT	3	1/4 SAE	F	170.28
016557	12" to 50	5 to 35	SPDT	3	1/4 SAE	F	Call
016570*	100 to 400	40 to 150	SPDT	None	1/4 SAE	M	Call
016585	10" to 100	Manual Reset	SPDT, Locks on Decrease	None	1/4 SAE	M	Call
016624	12" to 80	4 to 38	SPST, Opens Low	3	1/4 SAE	F	Call

*Suitable for Head Pressure Fan Cycling Application

DUAL PRESSURE





This P70 Series of dual pressure controls employs an SPST switch, that is opened when either high pressure or low pressure beyond the control settings is sensed at the control's two bellows sensing elements.

SINGLE POLE

- High pressure range: 100–500 psig
- High pressure differential: 65 psi < 300 psig; 75 psi 300–400 psig; 95 psi >400 psig
- Maximum over pressure: 475 psig Low; 525 psig High
- Contact rating: 17 F.L. Amp @ 240V

Johnson Controls

Part No.	Low Pressure Range (psig)	Differential (psi)	High Pressure Reset	Connection (In.)	Capillary Length (Ft.)	Price
P70LB1	20" to 100	7 to 50	Auto	1/4 F Flare	3	331.11
P170LB1	20" to 100	7 to 50	Auto	1/4 M Flare	None	309.99
P70LB-6C	12" to 80	5 to 35	Auto	1/4 F Flare	3	331.11
P170LB-6C	12" to 80	5 to 35	Auto	1/4 M Flare	None	309.99
P70MA18**	12" to 80	5 to 35	Manual	1/4 F Flare	3	Call
P70MA1	20" to 100	7 to 50	Manual	1/4 F Flare	3	334.43
P170MA1	20" to 100	7 to 50	Manual	1/4 M Flare	None	318.80
P70NA1	20" to 100	Manual Reset	Manual	1/4 F Flare	3	337.51
P170NA1	20" to 100	Manual Reset	Manual	1/4 M Flare	None	320.11
P70LA2*	20" to 100	7 to 50	Auto	1/4 FPT	None	Call
P70MA-2C	20" to 100	7 to 50	Manual	1/4 FPT	None	648.81

*For ammonia service **Micro set control

PRESSURE

DUAL PRESSURE

TWO POLE

- High pressure range: 100–425 psig
- Differential: 55 psi < 300 psig
  65 psi > 300 psig
- Maximum over pressure: 525 psig
- Contact rating: 24 F.L. Amp @ 240V

Johnson Controls

Part No.	Switch	Low Pressure		High Pressure Reset	Connection (In.)	Length (Ft.)	Price
		Range (psig)	Differential (psi)				
P72LA1	DPST	20" to 100	6 to 50	Auto	1/4 F Flare	3	Call
P72LB-1C	DPST	20" to 100	6 to 50	Auto	1/4 F Flare	3	424.70
P72MA1	DPST	20" to 100	6 to 50	Manual	1/4 F Flare	3	432.37
P72NA1	DPST	20" to 100	Manual Reset	Manual	1/4 F Flare	3	Call

SINGLE POLE



These controls offer a tailored variety of ranges and options for refrigerants. Low and high pressure functions are combined into a single control with one switch.

- "Convertible" (auto or manual) reset or automatic high pressure reset models
- Contact rating: 24 F.L. Amp @ 240 Vac
- 022 DPST switch: 12 F.L. Amp @ 240 Vac

RANCO invensys

Part No.	Low Side		High Side		Reset		Capillary Length (Ft.)	Connection		Price
	Range (psig)	Differential (psi)	Range (psig)	Differential (psi)	Low	High		Size	Gender	
0121502	12" to 50	5 to 35	150 to 450	70, Fixed	Automatic	Automatic	3	1/4 SAE	F	Call
0121505	12" to 50	5 to 35	100 to 250	50, Fixed	Automatic	Automatic	None	1/4 SAE	M	Call
0121506	12" to 50	5 to 35	100 to 250	50, Fixed	Automatic	Automatic	3	1/4 SAE	F	321.19
O12-1549	10" to 100	10 to 40	150 to 450	70, Fixed	Automatic	Automatic	3	1/4 SAE	F	303.24
0121550	10" to 100	10 to 40	150 to 450	70, Fixed	Automatic	Automatic	None	1/4 SAE	M	Call
0121594	10" to 100	Manual	150 to 450	Manual	Manual	Manual	3	1/4 SAE	F	Call
O12-4833	12" to 50	5 to 35	150 to 450	70, Fixed	Automatic	Convertible	4	1/4 SAE	F	309.55
O12-4834	10" to 100	10 to 40	150 to 450	70, Fixed	Automatic	Convertible	4	1/4 SAE	F	294.17
0124846	10" to 100	10 to 40	150 to 450	70, Fixed	Automatic	Convertible	None	1/4 SAE	M	Call
0227706	10" to 100	10 to 40	150 to 450	70, Fixed	Automatic	Convertible	3	1/4 SAE	F	418.08

PRESSURE

CONTROL HOSE

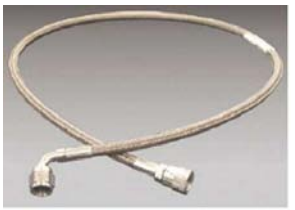
CONTROL PUMP



- Quickly and accurately test and set single or dual pressure controls to 350 psi and 25 inches of vacuum.
- Use with gauge manifold

Part No.	Description	Price
40200	Control Pump	93.58

NRP



- Maximum operating pressure: 600 psi
- Burst pressure: 3000 psi
- 1/4" fem flare x 1/4" 90° fem flare

Part No.	Length (In.)	Price
NPCH18	18	29.56
NPCH24	24	31.68
NPCH30	30	Call
NPCH36	36	37.26
NPCH48	48	41.78
NPCH60	60	Call

JC



The UltraCap armored capillary is designed for use as a pressure connection in refrigeration and AC applications. The small orifice capillary minimizes pressure pulsation and the brass armor sleeve improves resistance to abrasion caused by vibration.

- Tubing ID: 0.062", 1/4" fem. flare straight
- UL recognized

Part No.	Length (In.)	Configuration	Price
SEC99AA24C	24	Straight, 1 depressor	Call
SEC99AA36C	36	Straight, 1 depressor	Call
SEC99AB18	18	90° x Straight, depressors	Call
SEC99AB24	24	90° x Straight, depressors	44.57
SEC99AB36	36	90° x Straight, depressors	51.85
SEC99AB-48C	48	90° x Straight, depressors	59.20
SEC99AB60	60	90° x Straight, depressors	Call
SEC99AD18	18	90° x Straight	Call
SEC99AD24	24	90° x Straight	Call
SEC99AD36	36	90° x Straight	Call
SEC99AD48	36	90° x Straight	Call

HEAD PRESSURE, FAN SPEED CONTROL

PRESSURE RESPONSIVE



The P266 fan speed control is designed for approved single phase, PSC motors commonly used in a wide variety of refrigeration and air conditioning condenser fan applications. Designed to replace P66 and P215 Series fan speed controls. P266 controls have current ratings from 4 to 12 A depending on the voltage and model.

- Wide, adjustable pressure throttling range
- Optional auxiliary fan control provides control of up to three fixed speed fans or fan stages in conjunction with the speed controlled fan or fan stage.
- Optional low-speed capacitor mode enables cooler, quieter, and more efficient fan motor operation at low speeds.
- NEMA 3R, (IP54) enclosure with integral metal heat-sink

Part No.	Voltage	High VAC Triacs	Aux. Fan Control Circuits	Max Amps	Price
P266ABA100C	208 to 240 Vac	3	3	8	718.44
P266ACA100C	208 to 240 Vac	1	0	8	600.47
P266BCA100C	440 to 575 Vac	1	0	4	606.23
P266BHA100C	440 to 575 Vac	2	3	4	742.56

WIRING HARNESS



Use WHAP with 499 pressure transducer.

Part No.	Length (In.)	Use With	Price
WHAPKD3200C	78	P399/P499 Transducer	26.77
WHAP399200C	78-1/2	P399/P499 Transducer	28.92
WHAP399400C	159	P399/P499 Transducer	36.70

PRESSURE TRANSDUCER



Electronic pressure transducer for P266 fan speed control modules

- Includes 6.6' cable
- 1/4 FFL connection

Part No.	Pressure Range (psi)	Price
P266SNR1C	0 to 508	182.12
P266SNR2C	0 to 754	182.12

PRESSURE

HEAD PRESSURE, FAN SPEED CONTROL

PRESSURE TRANSDUCER


P499RCP101

The electronic pressure transducer is a compact, economical, rugged, direct mount pressure transducer designed to produce a low-voltage analog signal (nominal 0.5 to 4.5 Vdc) based on the sensed pressure. They are designed for use in commercial refrigeration and air-conditioning applications. These are suitable for use with all noncorrosive refrigerants as well as ammonia. P499 transducers require wire harnesses for all models that do not have an integral cable. Kits include a 6 1/2' wire harness.

Johnson Controls

PRESSURE TRANSDUCER 1/8" MPT

Part No.	Length (In.)	Description	Price
P499RAP105C	0 to 500	Individual	210.96
P499RAP101K	0 to 100	Kit	Call
P499RAP105K	0 to 500	Kit	Call
P499RAP107K	0 to 750	Kit	Call

PRESSURE TRANSDUCER 1/4" SAE

1/4" female flare connection with depressor

Part No.	Output Signal	Pressure Range	Description	Price
P499RCP-101 C	0.5 to 4.5 Vdc	0 to 100	Individual	227.55
P499RCP105	0.5 to 4.5 Vdc	0 to 500	Individual	227.55
P499ACP107	4 to 20 mA	0 to 750	Individual	Call
P499RCP101K	0.5 to 4.5 Vdc	0 to 100	Kit	Call
P499RCP105K	0.5 to 4.5 Vdc	0 to 500	Kit	Call
P499ACP105K	4 to 20 mA	0 to 500	Kit	Call
P499RCP107K	0.5 to 4.5 Vdc	0 to 750	Kit	Call

TEMPERATURE RESPONSIVE



- Operating ambient: -30 to 135°F
- Unit provided with 1 sensor
- SK2010; sensor for dual circuit or replacement

AMERICAN CONTROLS TECHNOLOGIES

Part No.	Maximum F.L. Amp	Suggested Horsepower	Price
FM2000	5	1/20 to 1/2	Call
FM4000	10	1/20 to 1	Call

Sensor

Part No.	Description	Price
SK2010	Sensor, for Dual Circuit, Replacement	Call

PRESSURE

HEAD PRESSURE, FAN SPEED CONTROL

TEMPERATURE RESPONSIVE



- Integral heat pump bypass circuitry allows electronic bypass of speed control during heat pump operation
- Features: Hard start, low temperature cutoff, high temperature bypass
- Controls up to 3 refrigerant circuits
- Varies motor speed
- Kit includes 70–100°F probe
- ICM325HNC requires 18-30Vac input, ICM326HNC, ICM327HNC have internal transforms; operate from controlled voltage
- Output current—Triac maximum: 10 amps minimum: 100 mA
- ICM32*HN* models are RoHS compliant (lead free)

Part No.	Controlled Voltage (Vac)	Price
ICM325HNC	120/208/240/480	255.15
ICM326HNC	120/208/240	286.14
ICM327HNC	480	304.03

SENSOR PROBE



Part No.	Temperature Range (°F)	Use With	Price
ICM376	70 to 100	ICM325K2	Call
ICM379	70 to 100	ICM32*H Series	54.91

LUBE OIL

ELECTROMECHANICAL





The P28 series provides dependable shutdown on pressure of lubricated refrigeration compressors by sensing low lube oil pressure. A built-in time delay switch, accurately compensated for ambient temperature, allows for pressure pick up on start and avoids nuisance shutdowns on pressure drops of short duration during the running cycle.

- Heater circuit: 120/240 Vac
- Range: 8–70 psig

Part No.	Time Delay (Sec.)	Reset	Pressure Connection (In.)	Capillary Length (Ft.)	Price
P28AA1	90	Manual	1/4 F Flare	3	438.31
P128AA1	90	Manual	1/4 M Flare	None	Call
P28AA-2C	60	Manual	1/4 F Flare	3	438.31
P128AA2	60	Manual	1/4 M Flare	None	Call
P28AA17	120	Manual	1/4 F Flare	3	438.31
P128AA17	120	Manual	1/4 M Flare	None	Call
P28AA18	45	Manual	1/4 F Flare	3	438.31
P28GA2	90	Automatic	1/4 F Flare	3	Call
P28NA-5C	120	Manual	1/4 F Flare	3	452.50
P28AN-1C	90	Manual	1/4 F Flare	3	717.89

*Heater circuit 24 Vac **For ammonia service

LUBE OIL

ELECTROMECHANICAL, COPELAND, CARLYLE





The P45 control provides dependable, low lube oil pressure cut out for lubricated refrigeration compressors. The factory set pressure provides operation to the compressor manufacturer's specification. A built-in time delay relay, compensated for ambient temperature, allows for pressure pick-up on start and avoids nuisance shutdowns on short duration pressure losses during the running cycle.

- Max. bellows pressure: 425 psig
- Manual reset

Johnson Controls

Part No.	Time Delay (Sec.)	Heater Circuit	Factory Setting (Lbs.)	Pressure Connection (In.)	Capillary Length (Ft.)	Alarm Circuit	Usage	Price
P45NAA5	120	24 Vac	9.0	1/4 F Flare	3	No	—	Call
P45NCA12	120	120/240 Vac	9.0	1/4 F Flare	3	No	Copeland	392.27
P145NCA12	120	120/240 Vac	9.0	1/4 M Flare	None	No	Copeland	374.22
P145NCB12	120	120/240 Vac	9.0	1/4 M Flare	None	Yes	Copeland	Call
P45NCA82	45	120/240 Vac	6.5	1/4 F Flare	3	No	Carlyle	392.27
P145NCA82	45	120/240 Vac	6.5	1/4 M Flare	None	No	Carlyle	374.22
P145NCB82	45	120/240 Vac	6.5	1/4 M Flare	None	Yes	Carlyle	405.41

ELECTRONIC, COPELAND, CARLYLE



The P545 Series electronic lube oil control is designed for use on refrigeration compressors equipped with an oil pump that accepts a single-point differential pressure transducer. The P545 senses net lube oil pressure and de-energizes the compressor if lube oil pressure falls below the manufacturer's recommendation for longer than the time delay. Front mount LEDs indicate the status of the lubrication system and a user selectable time delay can be set to minimize compressor short cycling.

- P545 controls include pressure sensor and wiring harness
- P400 series sensors will adapt to either 300 or 400 series wire harness; test switch will not function with an older control

Johnson Controls

Part No.	Application	Open (psid)	Delay (Sec.)	Price
P545NCB22	Copeland	7.0±1.0	120 sec	Call
P545NCB82	Carlyle	12.75±0.75	120 sec	446.33
P545NCB25	Bitzer	10.0±1.5	90 sec	Call

Replacement Sensor

Part No.	Application	Open (psid)	Description	Price
P400AD2C	Copeland	7.0±1.0	Replacement Sensor	Call
P400AD1C	Carlyle	12.75±0.75	Replacement Sensor	Call

ELECTROMECHANICAL



These lube oil protection controls guard pressure lubricated refrigeration compressors against major damage due to loss of oil pressure. If adequate oil pressure is lost, the built-in S30 time delay switch starts timing. If the oil pressure does not recover within the set period, the control circuit is opened, stopping the compressor.
The range is the difference between the crankcase pressure and the oil pump pressure that will energize the time delay switch and lead to shutdown. The difference in oil pressure needs to rise 7 psi above the range to de-energize the time delay switch and prevent eventual shutdown.

- Voltage: 120/240 Vac

RANCO invensys

Part No.	Pressure Range (psig)	Time Delay (Sec.)	Capillary Connection (In.)	Price
P303701	8 to 60	90	36, 1/4 Female SAE	Call
P305826	9, Fixed	120	36, 1/4 Female SAE	Call

PRESSURE

ELECTROMECHANICAL

Danfoss



- Simple manual trip, electrical test function eliminates need of tools and jumper wires
- Extremely narrow switch differential accuracy
- Range: 29" to 170 psi, Δ p either factory set or adjustable

Part No.	Time Delay	Differential (psi)	Connection (In.)	Price
060B2002	90	9, fixed	1/4 M Flare	Call
060B2003	120	9, fixed	1/4 M Flare	Call
060B2008	45	6, fixed	1/4 M Flare	Call
060B2012	60	4.3 to 64, adjustable	1/4 M Flare	Call

WATER REGULATING, PRESSURE ACTUATED





Pressure actuated, modulating valve that is suitable for both closed and open systems. Direct acting valves open on pressure increase. Valve is primarily used to regulate the flow of water or glycol to a water cooled condenser on a refrigeration system. Reverse acting valves open on pressure decrease and are generally used for bypass or heat pump application.

- Maximum water temperature: 170°F
- Maximum permissible pressure:

Water: 150 psig
Refrigerant: 230 psig (V46AS1 and V46AT1)
320 psig (others)

- V46AS3C is for ammonia use only
- Do not use with R410A (See V246 series)

DIRECT ACTING, V46 SERIES

Part No.	Connection Type	Pipe Size (In.)	Opening Point Range (psig)	Pressure Connection (In.)	Capillary Length (In.)	Price
V46AA1	FPT	3/8	70 to 260	1/4 F Flare	30	270.04
V46DA2	FPT	3/8	70 to 260	1/4 F Flare	30	Call
V46AB1	FPT	1/2	70 to 260	1/4 F Flare	30	293.19
V46AC1	FPT	3/4	70 to 260	1/4 F Flare	30	353.21
V46AC3	FPT	3/4	70 to 260	1/4 F Flare	48	Call
V46AD1	FPT	1	70 to 260	1/4 F Flare	30	744.02
V46AE1	FPT	1-1/4	70 to 260	1/4 F Flare	30	868.08
V46AR1	4 Hole, ASME Flange	1-1/2	70 to 260	1/4 F Flare	30	1073.46
V46AS1	4 Hole, ASME Flange	2	70 to 170	1/4 M Flare	None	Call
V46AS2	4 Hole, ASME Flange	2	160 to 260	1/4 M Flare	None	1436.98
V46AS3C	4 Hole, ASME Flange	2	100 to 200	1/4 FPT	None	Call
V46AT1	4 Hole, ASME Flange	2-1/2	70 to 170	1/4 M Flare	None	Call
V46AT2	4 Hole, ASME Flange	2-1/2	160 to 260	1/4 M Flare	None	2137.94

DIRECT ACTING, MARITIME, V46 SERIES

Cast naval bronze with monel interior.

Part No.	Connection Type	Pipe Size (In.)	Opening Point Range (psig)	Pressure Connection (In.)	Capillary Length (In.)	Price
V46BB2	FPT	1/2	70 to 260	1/4 Sweat	30	Call
V46BC2	FPT	3/4	70 to 260	1/4 Sweat	30	Call
V46BD2	FPT	1	70 to 260	1/4 Sweat	30	Call

WATER REGULATING, PRESSURE ACTUATED

REVERSE ACTING, V46 SERIES

Part No.	Connection Type	Pipe Size (In.)	Opening Point Range (psig)	Pressure Connection (In.)	Capillary Length (In.)	Price
V46NB1	FPT	1/2	90 to 280	1/4 F Flare	30	Call
V46NB2	FPT	1/2	40 to 100	1/4 F Flare	30	Call
V46NC2	FPT	3/4	40 to 100	1/4 F Flare	30	367.08
V46ND2	FPT	1	40 to 100	1/4 F Flare	30	Call

THREE-WAY



V48 Series valves are designed specifically for condensing units cooled either by atmospheric or forced draft cooling towers.

- Maximum water pressure: 150 psig

Part No.	Pipe Size (In.)	Opening Point Range Normally Closed Side (psig)	Pressure Connection (In.)	Capillary Length (In.)	Max. Bellows Overpressure (psig)	Price
V48AC1	3/4	85 to 110	1/4 F Flare	30	230	Call
V48AD2	1	145 to 190	1/4 F Flare	30	320	1222.48

V246 SERIES



The V246 2-way valves regulate water flow to control refrigerant head pressure in systems with water-cooled condensers. The V246 valves may be used with standard non-corrosive or ammonia refrigerants. For applications where the coolant may be corrosive to the internal parts

- Use with R410A refrigerant
- No close-fitting or sliding parts in water passages
- Accessible range spring
- Take-apart construction
- Pressure-balanced design
- Corrosion-resistant material for internal parts
- Maximum water temperature: 170°F
- Maximum permissible water pressure: 150 psig
- Pressure connection: 1/4 MFL

DIRECT ACTING, V246 SERIES, TWO-WAY

Part No.	Connection Type	Pipe Size (In.)	Opening Point Range (psig)	Price
V246GA1001C	FPT	3/8	200 to 400	345.58
V246GB1001C	FPT	1/2	200 to 400	375.37
V246GC1001C	FPT	3/4	200 to 400	428.98
V246GD1001C	FPT	1	200 to 400	694.72
V246GE1001C	FPT	1-1/4	200 to 400	810.31
V246GM1001C	Union Sweat	1-1/4	200 to 400	Call
V246GR1001C	Flange	1-1/2	200 to 400	1001.87

DIRECT ACTING, MARITIME, V246 SERIES, TWOWAY

The maritime models have nickel copper (Monel®) internal parts.

Part No.	Connection Type	Pipe Size (In.)	Opening Point Range (psig)	Price
V246HD1001C	FPT	1	200 to 400	Call
V246HE1001C	FPT	1-1/4	200 to 400	Call
V246HR1001C	ASME Flange	1-1/2	200 to 400	Call

WATER REGULATING, PRESSURE ACTUATED

DIRECT ACTING, V248 SERIES, THREE-WAY



V248 Series 3-way valves are designed specifically for condensing units cooled either by atmospheric or foced draft cooling towers. The V248 valves are used on single or multiple condenser hook-ups to the tower to provide the most economical and efficient use of the tower.

- Use with R410A refrigerant
- Maximum water temperature: 170°F
- Maximum permissible water pressure: 150 psig
- Pressure connection: 1/4 MFL

Johnson Controls

Part No.	Connection Type	Pipe Size (In.)	Opening Point Range (psig)	Price
V248GD1001C	FPT	1	200 to 400	929.47
V248GE1001C	FPT	1-1/4	200 to 400	1083.20
V248GL1001C	Union Sweat	1-1/8	200 to 400	Call
V248GM1001C	Union Sweat	1-3/8	200 to 400	Call

WATER REGULATING, TEMPERATURE ACTUATED



The V47 is a temperature actuated modulating valve that regulates the flow of water or glycol to maintain a desired temperature.

- Maximum bulb temperature: 20°F above range
- Maximum water temperature: 170°F
- Maximum water pressure: 150 psig
- Capillary: 6' nylon armor

Johnson Controls

Part No.	Pipe Size (In.)	Opening Point Range (°F)	Bulb Size (In.)	Price
V47AA1	3/8	115 to 180	11/16 x 3-1/4	703.64
V47AA3	3/8	75 to 135	11/16 x 6 Cross Ambient	Call
V47AB3	1/2	115 to 180	11/16 x 3-1/4	749.19
V47AB5	1/2	75 to 135	11/16 x 10 Cross Ambient	Call
V47AC3	3/4	115 to 180	11/16 x 3-1/4	802.40
V47AC6	3/4	75 to 135	11/16 x 10 Cross Ambient	Call
V47AD1	1	75 to 135	11/16 x 16 1/4 Cross Ambient	1119.80
V47AD2C	1	115 to 180	11/16 x 6	Call
V47AE1C	1-1/4	75 to 135	11/16 x 16 1/4 Cross Ambient	Call
V47AE2C	1-1/4	115 to 180	11/16 x 6	Call
V47AE3C	1-1/4	160 to 230	11/16 x 6	Call
V47AR2	1-1/2	115 to 180	11/16 x 6	Call

TIMER

DEFROST

TIME



These timers are adjustable from one to six cycles per day. A minimum of four hours is required between successive operations. Defrost duration ranges from 4 to 110 minutes and is easily adjustable.

- Time initiation, time termination
- Contact rating: 40 amps resistive/pole

PARAGON Electrical Products

Part No.	Switch Type	Voltage (Vac)	Price
804100	2-NC/1-NO	120	150.00
804120	2-NC/1-NO	208/240	150.00
804500	SPDT	120	150.00
804520	SPDT	208/240	150.00
804700	2-NO/1-NC	120	Call
804720	2-NO/1-NC	208/240	Call

TIME



These timers are adjustable from one to six cycles per day. A minimum of four hours is required between successive operations. Defrost duration ranges from 4 to 110 minutes in 2 minute increments and is easily adjustable.

- Time initiation, time termination
- Contact rating: 40 amps resistive/pole

IRP International Refrigeration Products — Beacon

Part No.	Switch Type	Voltage (Vac)	Price
BTT4100	2-NC/1-NO	120	108.00
BTT4120	2-NC/1-NO	208/240	108.00
BTT4500	SPDT	120	106.00
BTT4520	SPDT	208/240	106.00

PRESSURE



The 8420 Series defrost control is timeinitiated with termination being regulated over a wide range of pressure settings. Cut-in pressures range from 36 to 110 psi. In addition to the pressure cut-in, the 8240 Series has backup mechanical defrost termination to protect against sensor failure. This timer allows settings from 4 to 110 minutes with two-minute increments. One to six defrost cycles may be set per day with a minimum of four hours between cycle initiation.

- Time initiation, temperature/pressure termination
- Contact rating: 40 amps resistive/pole

PARAGON Electrical Products

Part No.	Switch Type	Voltage (Vac)	Price
824500	SPDT	120	Call
824520	SPDT	208/240	132.60
824720	2-NO/1-NC	208/240	782.73

TEMPERATURE, PRESSURE



Backup mechanical defrost termination protects against sensor malfunction. 1 to 6 cycles per day. A minimum of 4 hours between successive defrost cycles. Adjustable from 4 to 110 minutes in 2 minute increments.

- Time initiation, temperature/pressure termination
- Contact rating: 40 amp resistive/pole

PARAGON Electrical Products

Part No.	Switch Type	Voltage (Vac)	Price
814100	2-NC/1-NO	120	150.00
814120	2-NC/1-NO	208/240	150.00
814300	2-NO/1-NC	120	Call
814320	2-NO/1-NC	208/240	150.00
814500	SPDT	120	150.00
814520	SPDT	208/240	150.00
814520B*	SPDT	208/240	Call

*Bracket mount

TEMPERATURE, PRESSURE, 4 POLE



- Bracket mount control
- Contact rating: 55 amps resistive/pole
- Switch type: 3-NO/1-NC
- Voltage: 208/240 Vac
- Time initiation, temperature/pressure Termination

PARAGON Electrical Products

Part No.	Control Type	Price
840820B	Time Initiated, Temperature or Pressure Terminated	Call

TIMER

DEFROST

TEMPERATURE, PRESSURE



These timers are adjustable from one to six cycles per day. A minimum of four hours is required between successive operations. Defrost duration ranges from 4 to 110 minutes in 2 minute increments and is easily adjustable.

- Time initiation, temperature or pressure termination
- Contact rating: 40 amps resistive/pole

Part No.	Switch Type	Voltage (Vac)	Price
BTP4100	2-NC/1-NO	120	108.00
BTP4120	2-NC/1-NO	208/240	108.00
BTP4500	SPDT	120	106.00
BTP4520	SPDT	208/240	106.00

SMART DEFROST KIT



InterLink introduces the Smart Defrost Kit, a revolutionary way to save your customers a lot of money. A single, simple addition to the system give you the power to reduce your customers' energy usage and operational costs, help them maintain the highest levels of product integrity and make their refrigeration systems SMART. Microprocessor control analyzes the system operation and initiates defrost only when the frost accumulation on the evaporator warrants.
Reduced Operational Costs — fewer defrosts result in lower energy usage and lower energy bills; reduces defrosts by up to 40%
Quick Paybacks — as quick as 6 months (up to an average of about 2 years).
Enhanced Product Integrity —by defrosting only when necessary, box temperatures stay more stable, protecting perishable inventory
Easy to Install — installs in about 30 minutes with no system evacuation required.
Requires refrigeration system with electric defrost, 230V 50/60 defrost control voltage, electromechanical time clock with a contact closure reset input for defrost termination.

Part No.	Description	Price
22681501	Smart Defrost Kit	869.00

ELECTRONIC



Universal application; Time/Time or Time/Temperature-Pressure; 115/230 volts. Replaces 8045, 8145 series timers

- Real time clock.
- 100 hours of power loss protection for both time and defrost schedule.
- Mechanism will fit in the standard Paragon enclosures; mechanism only versions are available
- Power consumption: 6VA max

Part No.	Description	Price
914500	Timer, Universal, SPDT, 30A resistive (NO)	250.76

DTMV SERIES



Multi voltage, time initiated, remote temperature, pressure or time terminated refrigeration defrost timer Replaces all 80**, 81**, 82** series competitive timers

- Switch Rating: 40A Resistive @ 208–250VAC
- 2HP @ 208-250VAC; 1HP @ 125VAC
- 690VA pilot duty @ 125-250VAC
- "F" Terminal: 10A Resistive @ 208-250VAC (Terminal 1-3 rating reduced to 20A when "F" terminal used)
- Operating Temperature Range: -40°F to 131°F (-40°C to 55°C)
- Shipping Weight: 2 lbs.

Part No.	Description	Price
DTAV40	Timer, 40A Res	204.00
DTMV40-B	Timer, Bracket Mount, 40A Res	210.00
DTMV40-M	Timer, Mechanism Only, 40A Res	Call
DTQMV40	Timer, Quartz, 7 Day Carryover, 40A Res	Call

TIMER

ERC2 SERIES



The ERC-2 is a microprocessor-based controller designed to manage all of the temperature and defrost functions in a typical piece of commercial refrigeration equipment. By integrating these functions into one device, the ERC-2 can replace up to five different controls; the case thermostat, defrost timer, defrost termination switch, fan delay switch, and thermometer.

The ERC-2 includes two NSF approved temperature sensors for the case and the evaporator. Also featured are four powerful relay outputs; one each for the compressor, fan, defrost and alarm. Selectable line voltage input power (120/208/240VAC at 50/60Hz) enable it to handle a wide range of equipment.

- Sensors may be extended to 100' with 18-22 gauge wire
- Temperature Setpoint: -40°F to +60°F
- Defrost Cycles: 1 to 8 per day or 1 every 48 hours
- Contact Rating: 16A Resistive (5A resistive alarm circuit)
- Case Dimensions: 4.40" W x 7.82" H x 3.80" D
- Display Module Dimensions: 2.75" W x 1.10" H x 1.38" D
- Agency Approvals: UL, NSF

PARAGON Electrical Products

Part No.	Description	Price
ERC2-21211-370	Universal Control, Integrated Display	Call
ERC2-222111-370	Universal Control, Remote Display	Call

SENSOR, ERC2 SERIES



Sensor may be extended to 100' with 18-22 gauge wire

PARAGON Electrical Products

Part No.	Description	Price
1309007045	NTC Sensor, 120"	Call
1309007045	NTC Sensor, 120"	Call

MULTI-CIRCUIT

DRIVE MODULE



- Used with A87999 or A88099 frame modules and A876**, A877** circuit modules

PARAGON Electrical Products

Part No.	Voltage (Vac)	Price
A87800	120	256.87
A87820	208/240	264.40

FRAME MODULE



Used with A87800 or A87820 drive module and A876** or A877** circuit modules.

PARAGON Electrical Products

Part No.	Module Capacity	Price
A87999	4	Call
A88099	8	Call

PROGRAM MODULE



- Solenoid modules for temperature or pressure termination with remote switch
- Used with A87800 or A87820 drive modules and A87999 or A88099 frame modules

PARAGON Electrical Products

Part No.	Frequency	Solenoid	Voltage	Price
A87699	Even Hour	No	—	281.62
B87699	Even 1/2 Hour	No	—	281.62
D87699	Odd Hour	No	—	281.62
E87699	Odd 1/2 Hour	No	—	Call
A87700	Even Hour	Yes	120	Call
B87700	Even 1/2 Hour	Yes	120	Call
D87700	Odd Hour	Yes	120	Call
E87700	Odd 1/2 Hour	Yes	120	Call
A87720	Even Hour	Yes	208/240	344.29
B87720	Even 1/2 Hour	Yes	208/240	343.30
D87720	Odd Hour	Yes	208/240	Call
E87720	Odd 1/2 Hour	Yes	208/240	Call

TIMER

DEFROST, FAN DELAY



24-hour timer with pump down, drain, or fan delay cycle.

- Defrost initiation: Adjustable from 1–8 cycles per day; minimum 3 hours between successive cycles
- Delay or pump down cycle: Adjustable for 0–30 minutes; 3 minute graduation; for stopping fans, reducing refrigerant pressure, or hot gas pump down cycle
- Defrost cycle: 3–45 minutes; 3 minute graduation
- Drain or fan delay cycle: Adjustable from 3–15 minutes; 3 minute graduation
- Contact rating: 10 amps resistive/pole

PARAGON Electrical Products

Part No.	Switch Type	Supply Voltage (Vac)	Price
63200	2-NO/2-NC	120	Call
63220	2-NO/2-NC	208/240	693.28

ELECTROMECHANICAL

TRIPPERS



For Paragon timers.

PARAGON Electrical Products

Part No.	Usage	Price
X3495	4000S, 4008, 4318 Cut-Out Pins (6)	8.08
X3596	632, 8000 Series Dial Pins (5)	7.79
X4296	4000S, 4200S Cut-Out Tripper	9.14
X7248	RM Trippers	Call

FM/1 STUZ, GRASSLIN



Designed to be placed inside a machine control panel, circuit board, or other equipment and offers up to 21A switching designed for control of heating, ventilating, air conditioning, refrigeration, lighting, security, circulating pumps, spas or any electrical load requiring 24-hour scheduling. Size: 2.36" x 2.36" x 1.25"

GRASSLIN

Part No.	Voltage	Price
STUZ24	24	Call
STUZ120	120	Call
STUZ220	240	Call

7 DAY, GRASSLIN



- Different ON/OFF program each day of the week.
- True 7-day load control with minimum ON and minimum OFF times of 3 1/2 hours.
- Steel case: 12 1/2" H x 8 1/4" W x 4" D. Indoor type with toggle action drawbolt and locking feature.
- Knockouts - Combination 1/2"-3/4" nominal knockouts, two on back, one on each side and two on bottom. Also one 1" nominal on bottom center.
- Switch Rating - Each Pole 40 amp resistive, 120-480 VAC; 40 amp tungsten, inductive or 1000 VA pilot duty, 120-277 VAC; 2 HP (24 FLA) 120 VAC; 5 HP (28 FLA) 240 VAC single phase; 7-1/2 HP (28 FLA) 208 VAC three phase; 10 HP (28 FLA) 240 VAC three phase.

GRASSLIN

Part No.	Switch	Voltage	Contact Rating (Amps)	Price
T7401B	4PST	125	40	Call
T7402B	4PST	208-277	40	Call
T7801B	2NO/2NC	125	40	Call
T7802B	2NO/2NC	208-277	40	Call

MIL72ASTUZ, GRASSLIN



Time based control of lighting, ventilating, heating, cooling or other electrical loads in commercial and industrial applications. The MIL72 time switches are available with a 24-hour (STuZ) or 7-day (SWuZ) program dial with a SPDT switch. The MIL72A series is intended for surface mounting. The control is completely enclosed in a plastic housing and includes a terminal cover and sub-base for installation and hard wiring. All units are supplied with a clear plastic cover.

- Synchronous drive
- 21A SPDT switch
- Captive trippers with interval as low as 15 minutes
- Dimensions: 2.83" x 4.0" x 2.06"

GRASSLIN

Part No.	Voltage	Price
MIL72ASTUZ120	120	Call
MIL72ASTUZ240	240	Call

TIMER

ELECTROMECHANICAL

GM40, GRASSLIN



The GM40 and GM40W Multi-volt time controls are universal, electromechanical time switches which can be field configured for various power supply voltages. The voltage options include 120VAC, 208/240VAC, and 277VAC, all within the same unit. Selection of the desired supply voltage is easily achieved by selecting the DIP to the corresponding input voltage.
The GM40AV auto-voltage time switch is a universal, electromechanical clock which can automatically detect the voltage input without the use of dip switch or selector pins. The clock can operate at any voltage between 120 and 277 VAC. It selects input voltage automatically.

GRASSLIN

Part No.	Description	Price
GM40AV	24 Hour, 40A, DPDT/SPDT, Auto-Voltage	113.42
GM40W	7 Day (Skip-A-Day/Weekly), 40A, DPDT	Call

GMX, GRASSLIN



The GMX Series Time Controls are universal, electromechanical time switches. They are a low cost alternative for applications that do not require more than 21A or 2HP @ 240VAC. The unit is mounted in a NEMA indoor or outdoor enclosure and is designed to control lighting, heating, air conditioning, pumps, motors, or other general purpose electrical circuits in residential, commercial, industrial and agricultural facilities.

- Contact Rating: SPDT, 21A Resistive @ 250VAC
- Voltage: 120 Vac

GRASSLIN

Part No.	Description	Price
GMXST1120	Economy, 24 Hour	Call

ELECTRONIC

GM40E, GRASSLIN



The GM40E Series Time Controls are universal, electronic time switches designed for general purpose commercial applications. The mechanism is mounted in a NEMA 3R outdoor enclosure and features a DPDT switching configuration standard (i.e. two normally open and two normally closed contacts)

- 20 programs, battery backup
- Contact Rating: SPDT, 40A Resistive @ 277VAC
- Voltage: 120 Vac

GRASSLIN

Part No.	Description	Price
GM40E-240	24 Hour/7 Day	179.87

FM1D, GRASSLIN



The FM1D Series Timers are compact electronic 24 hour/7 day time switch module with heavy duty relay contacts for switching low or line voltage loads. Applicable for time of day control of pumps, fans, heaters, HVAC control circuits, lighting, machinery and many other types of commercial, industrial, and agricultural equipment. The FM1D Series features large keys with unique "circular pattern" for easy programming, an easy-to-read LCD display and capacitor backup to retain program memory during power outages.

- 8 FLA Amps @240 Vac
- Surface / din rail mount

GRASSLIN

Part No.	Voltage	Nb of Set Points	Price
FM1D20A120	120 Vac	20, Up to 140 Events/Week	192.56
FM1D50A12	12 Vac/DC	50, Up to 350 Events/Week	Call
FM1D50A24	24 Vac	50, Up to 350 Events/Week	Call

TIMER

DELAY TIMER

"DELAY ON MAKE"



General purpose "delay on make" timing function. Ideal for compressor staging and stagger-starting multiple units. Helps to reduce power surges in multiple compressor applications. When power is applied to the input, the time delay begins. After the time delay is complete, the load energizes and remains energized as long as power is applied. The control is reset by removing power during or after the time delay period.
• Voltage: 18–240 Vac/Vdc
• Switch type: SPST, normally open

Part No.	Adjustment Type	Delay Time (Sec.)	Price
TDOM	Dial	2–600	6.22
ICM103B	Dip-Switch	1–1023	38.46

"DELAY ON BREAK"



Helps to protect air conditioning, refrigeration and heat pump equipment from damage which may be caused by the rapid short-cycling of compressors. Upon application of power, the load is energized. When the thermostat or other switch opens or there is a loss of power, the load is de-energized and the delay period begins.
The compressor will not start again during the delay period.

- Anti short-cycle
- Off delay on break
- Contact rating: 1.5 amps

Part No.	Input Voltage (Vac)	Adjustment Type	Delay Time (Sec.)	Price
TDOB	18–240	Dial	2–600	6.22

BYPASS



Designed to bypass a control or device during startup. Typically used to bypass a low pressure switch or an oil pressure switch upon startup. Helps to eliminate nuisance lockouts. With power applied to the input, the load energizes immediately and remains energized for the length of the time delay, regardless of the state of the switch being bypassed. At the end of the time delay, the condition of the load is determined by the state of that switch.

- On delay interval timer
- Normally closed "delay on make"
- Ideal for low ambient startups
- Integral component for "winter start" kits
- Contact rating: 1 amp

Part No.	Input Voltage (Vac)	Adjustment Type	Delay Time (Sec.)	Price
ICM175B	18–240	Dial	10–1000	37.49

SHORT CYCLE WITH BROWNOUT



- Lockout delay prevents rapid cycling of compensated resistor type wall thermostats
- Brownout protection prevents startup when voltage is below normal conditions
- Delay on break

Part No.	Time Delay (Min.)	Input Voltage	Max. Amps	Price
ICM206B	5	24	1	19.41

HEAT PUMP DEFROST, E15 TYPE



- Solid state replacement for Ranco type E-15
- Reliable thermistor-type sensor is less susceptible to breakage, easier to mount
- Replaces faulty bulb-type sensors
- 24, 120 or 240 Vac operation
- 10 minute defrost interval
- Pin-selectable interval time (30/45/90)

Part No.	Description	Price
ICM315	Ranco E15 Type Board	191.02

FAN DELAY/POST PURGE



Part No.	Time Delay	Adjustment Type	Input (Vac)	Max. Amps	Price
ICM253B	390	Dial	24	1	38.07

TIMER

DELAY TIMER

ELECTRIC FAN TIMER



Integrate control of combustion blower and circulating fan operations in a gas warm air appliance. A single circuit board providing combustion air blower control, two speed circulating air blower control, limit circuit inputs, thermostat wiring terminations.

- Central appliance wiring point simplifies appliance assembly and service.
- Fixed or field-adjustable heat fan on delay; field adjustable heat fan off delay

Honeywell

Part No.	Description	Price
ST9120U1011	Heat, Cool & Fan Timer, Twinning Capability	292.85

ELECTRONIC FAN TIMER, OIL



Integrate control of combustion burner and circulating fan operations in an oil furnace. A single circuit board providing combustion air blower control, two speed circulating air blower control, oil primary control, limit circuit inputs, thermostat wiring terminations and a central appliance wiring point for an oil fixed furnace

- Central appliance wiring point simplifies appliance assembly and service.
- Fixed or field-adjustable heat fan on delay; field adjustable heat fan off delay

Honeywell

Part No.	Description	Price
ST9103A1002	Furnace Timer, Adjustable Off Delay	236.22

UNIVERSAL INTEGRATED FURNACE TIMER



Can be used with conventional thermostats as well as the EnviraCOM™ enabled VisionPRO IAQ and FocusPRO. The S9200U1000 Universal Integrated Furnace Control is intended for residential natural or liquid propane fueled furnaces only. The S9200U1000 EnviraCOM™ communications capability allows its use in twinning applications and enables communication with local and remote diagnostic devices such as the QuickLook hand held device (QuickLook™ 72), EnviraLNK® web-based application and the W8735D Telephone Access Module (TAM).

- Main burner ignition using a 120V hot surface igniter.
- Flame rectification circuit to monitor flame presence.
- Monitoring of system pressure switch, high temperature limit, and rollout functions.

Honeywell

Part No.	Description	Price
S9200U1000	Universal Hot Surface Ignition Integrated Furnace Control	263.16

OEM HEAT PUMP DEFROST



ICM

Part No.	OEM, Part Number	Price
ICM316	Trane, CNT1642, CNT1152	147.04
ICM319C	Nordyne, 624519A	92.67
ICM320	Carrier, HK32FA006	130.55
ICM321	Carrier, CES01130063-00	103.52

DEFROST TIMER KIT



These traditional defrost timer kits have been designed and engineered specifically for the replacement timer market.

PARAGON Electrical Products

	Defrost		
Part No.	Frequency (Hours)	Time (Min)	Price
A1400-00	6	21	27.98

DOMESTIC

UNIVERSAL, RESIDENTIAL



The "EDT" has a two dial adjustment configuration that allows for the setting of any defrost frequency from 4 to 12 hours and any defrost time from 10 to 35 minutes.

Sypco

Part No.	Voltage (Vac)	Max. Compressor Rating (H.P.)	Max. Resistive Lead (Amps)	Price
EDT10	120	1/3	10	29.60
EDT20	208/240	1/3	5	Call
EDT11	120	3/4	20	33.60
EDT21	208/240	3/4	20	Call

ELECTRONIC TEMPERATURE

DEFROST/TEMPERATURE



Designed for hot gas or electric heat defrost in both refrigeration and freezer units. Time initiation, time, temperature termination

- Combined functionality of an electromechanical thermostat, mechanical clock, defrost termination device, and temperature readout device
- 2 sensors included: 6' leads
- Contact rating: (compressor, heater relays), 12 F.L. Amp @ 240 Vac
- Temperature/defrost

Johnson Controls

Part No.	Description	Price
MR4PMUHV12C	Electronic Refrigeration Control	647.22

VALVE, COMBINATION

CONTINUOUS PILOT



Provides complete control of continuous pilot gas-fired central furnaces and boilers.

- Includes pilot flow adjustment screw
- Easy to install, adjust and service
- Includes reducer bushings to adapt line size

Honeywell

Part No.	Application	Size (In.) Inlet	Size (In.) Outlet	Capacity (cfh)	Type Gas	Price
V400A1095	120V, Use with 30mV Thermocouple	3/4	3/4	335	Natural	Call
V800A1070	24V, Use with 30mV Thermocouple	1/2	3/4	250	Natural	508.92
V800A1088	24V, Use with 30mV Thermocouple	3/4	3/4	335	Natural	490.42
V800A1476	24V, Use with 30mV Thermocouple	1/2	3/4	250	Natural	489.35
VS820A1047	Self Powered, Use with 750mV Thermopile	1/2	3/4	250	Natural	655.29
VS820A1054	Self Powered, Use with 750mV Thermopile	3/4	3/4	335	Natural	655.29

CONTINUOUS PILOT, LINE VOLTAGE



Combination gas control for use in 120 Vac, gasfired, standing pilot appliances with capacities from 30 to 300 cfh.

- Control includes safety shutoff, manual valve, two automatic operators, pressure regulator and pilot adjustment
- Solenoid operated first automatic valve opens on thermostat call for heat; closes when call for heat ends. Diaphragm-operated second automatic valve opens under control of regulator; closes if gas or power supply is interrupted.
- Standard regulator
- Combination dual automatic valve
- Power: 120 Vac

Honeywell
THE POWER OF CONNECTED

Part No.	Size (In.) Inlet	Size (In.) Outlet	Capacity (cfh)	Type Gas	Includes	Price
VR4300A4502	3/4	3/4	200	Natural	LP Conversion Kit	Call

CONTINUOUS PILOT, LOW VOLTAGE, VR8200 SERIES



Combination gas controls for use in 24 Vac, gas fired, standing pilot appliances with capacities from 20 to 200 cfh.

- Controls include manual valve, two automatic operators, servo pressure regulator and pilot adjustment
- Includes reducer bushings
- Combination dual automatic valve
- Power: 24 Vac

Honeywell

Part No.	Size (In.) Inlet	Size (In.) Outlet	Capacity (cfh)	Type Gas	Type Regulator	Includes	Price
VR8200A2124	1/2	1/2	130	Natural	Standard	LP Conversion Kit Thermocouple (36")	225.82
VR8200A2132	1/2	1/2	130	Natural	Standard	LP Conversion Kit	208.88
VR8200H1251	1/2	1/2	M130	Natural	Slow Open	LP Conversion Kit	Call

CONTINUOUS PILOT, LOW VOLTAGE, VR8300 SERIES



Combination gas controls for use in 24 Vac, gas-fired, standing pilot appliances with capacities from 30 to 300 cfh.

- Controls include safety shutoff, manual valve, two automatic operators, pressure regulator and pilot adjustment
- Combination dual automatic valve
- Includes reducer bushings
- Power: 24 Vac

Honeywell

Part No.	Size (In.) Inlet	Size (In.) Outlet	Capacity (cfh)	Type Gas	Type Regulator	Conversion Kit Supplied	Price
VR8300A3500	1/2	3/4	190	Natural	Standard	Yes	244.83
VR8300A3518*	1/2	3/4	190	Natural	Standard	Yes	262.93
VR8300A4508	3/4	3/4	200	Natural	Standard	Yes	262.50
VR8300A4516*	3/4	3/4	200	Natural	Standard	Yes	Call
VR8300C4506	3/4	3/4	200	Natural	Step Open	—	431.43

HEATING, GAS BURNER

VALVE, COMBINATION

CONTINUOUS PILOT



The 36C combination gas valves are furnished with natural to LP conversion kit, reducer bushings and self-adhesive label with pilot lighting instructions.

- Reducer bushings provided
- Valve may be mounted in any position, except upside down
- Both main valve seat and line-interrupter seal with line pressure, assuring positive gas seal-off

White Rodgers EMERSON Climate Technologies

Part No.	Size (In.) Inlet	Size (In.) Outlet	Capacity AGA (BTUH)	Voltage (Vac)	LP Conversion Kit	Side Taps	Price
36C03300	1/2	3/4	230,000	24	No	No	202.14
36C03333	1/2	3/4	230,000	24	Yes	Yes	205.72
36C03400	3/4	3/4	280,000	24	No	No	Call
36C03433	3/4	3/4	280,000	24	Yes	Yes	273.19
36C03U333	1/2	3/4	230,000	750mV	Yes	Yes	284.31
36C03U433	3/4	3/4	280,000	750mV	Yes	Yes	Call

CONTINUOUS PILOT, STEP OPENING



24 Vac thermocouple-operated combination gas valve provides definite regulated step for smoother ignition of main burner.

- Step-opening main operator; valve initially opens to 1/2 input for a minumum of two seconds, then fully opens
- Reducer bushings provided
- Gas selector (two positions: P for natural, DOWN for LP) changes regulator setting from one gas to the other

White Rodgers EMERSON Climate Technologies

Part No.	Size (In.) Inlet	Size (In.) Outlet	Capacity AGA (BTUH)	Coil Voltage (Vac)	Price
36C12310	1/2	3/4	230,000	24	Call

CONTINUOUS PILOT, SLOW OPENING



Model 36C53 complete gas control combines into a single compact package that functions as a 3-position gas cock, pressure regulator, 100% shut-off automated pilot and main operator. This model features a slow opening main valve that provides a softer ignition.

- Usage: natural gas – regulator setting 3.5" WC
- Order LP conversion set separately
- ECO terminal included

White Rodgers EMERSON Climate Technologies

Part No.	Size (In.) Inlet	Size (In.) Outlet	Capacity AGA (BTUH)	Coil Voltage (Vac)	Price
36C53418	3/4	3/4	280,000	24	Call

INTERMITTENT PILOT, LOW VOLTAGE, VR8204 SERIES



Combination gas controls for use in 24 Vac, gas-fired, intermittent pilot appliances with capacities from 20 to 200 cfh.

- Controls include manual valve, two automatic operators, servo pressure regulator and pilot adjustment
- Combination dual automatic valve
- Includes reducer bushings, natural to LP conversion kit

Honeywell THE POWER OF CONNECTED

Part No.	Size (In.) Inlet	Size (In.) Outlet	Capacity (cfh)	Type Gas	Type Regulator	Price
VR8204A2076	1/2	1/2	150	Natural	Standard	288.46
VR8204M1091	1/2	1/2	150	Natural	Standard	Call

VALVE, COMBINATION

INTERMITTENT PILOT, LOW VOLTAGE, VR8304 SERIES



Combination gas control for use in 24 Vac, gas-fired, intermittent pilot appliances with capacities from 30 to 415 cfh.

- Controls include safety shutoff, manual valve, two automatic operators, pressure regulator and pilot adjustment
- Combination dual automatic valve

Honeywell
THE POWER OF CONNECTED

	Size (In.)						
Part No.	Inlet	Outlet	Capacity (cfh)	Type Gas	Type Regulator	Conversion Kit Supplied	Price
VR8304M3509	1/2	3/4	270	Natural	Standard	Yes	330.04
VR8304M4507	3/4	3/4	300	Natural	Standard	Yes	321.50
VR8304P4504	3/4	3/4	300	Natural	Step Open	—	437.83
VR8304Q4511	3/4	3/4	—	Natural	Slow Open	Yes	Call

INTERMITTENT PILOT, LINE VOLTAGE, VR4304 SERIES



- Controls include safety shutoff, manual valve, two automatic operators, pressure regulator and pilot adjustment.
- Solenoid operated first automatic valve opens on thermostat call for heat; closes when call for heat ends.
- Standard and slow opening natural gas models include natural to LP gas conversion kit
- All adjustments, wiring connections and pilot outlet are accessible from top of control.
- Adjustable servo regulator effectively maintains almost constant gas output pressure under wide fluctuations in gas supply pressure.
- Compatible with ECO connector.
- ON-OFF lighting sequence.

Honeywell
THE POWER OF CONNECTED

	Size (In.)						
Part No.	Inlet	Outlet	Capacity (cfh)	Type Gas	Type Regulator	Conversion Kit Supplied	Price
VR4304M4519	3/4	3/4	415	Natural	Standard	Yes	Call

INTERMITTENT, PROVEN PILOT, UNIVERSAL, LOW VOLTAGE



Universal electronic ignition combination gas control for use with direct spark ignition, hot surface ignition or intermittent pilot ignition in 24 Vac, gas-fired appliances with capacities from 30 to 415 cfh.

- Control includes manual valve, two automatic operators, servo pressure regulator, pilot adjustment, pilot plug and ignition adapter
- Replaces virtually any IP, HSI, or DSI gas control
- For use with natural or manufactured gas or LP gas. Includes converter kit to adapt from natural to LP gas
- Includes reducer bushings

Honeywell
THE POWER OF CONNECTED

	Size (In.)					
Part No.	Inlet	Outlet	Capacity (cfh)	Type Gas	Type Regulator	Price
VR8345M4302	3/4	3/4	300	Natural	Standard	270.25

SMARTVALVE™, SV9501 SERIES



Provides easy field replacement of a wide range of SV9500, SV9501, SV9502 and SV9602 SmartValve™ System models. These controls provide intermittent pilot gas ignition sequencing, pilot flame sensing, and both pilot and main gas control functions in a single control. They are directly compatible with the Q3450 or Q3480 Intermittent Pilot burners used with the original controls on the appliance. SV9501M8129 includes 395454 extension harness and 393691 NAT to LP conversion kit

Honeywell
THE POWER OF CONNECTED

	Size (In.)					
Part No.	Inlet	Outlet	Capacity (cfh)	Type Gas	Type Regulator	Price
SV9501M2528	1/2 NPT	1/2 NPT	200	Natural	Fast Open	544.92
SV9501M8129	1/2 NPT	1/2 NPT	200	Natural	Standard	544.92

VALVE, COMBINATION

SMARTVALVE™, SV9641 SERIES



The SV9641 SmartValve ignition system control provides all gas ignition safety functions by controlling gas flow, ignition source, and a 120 Vac or 240 Vac combustion air blower. It also monitors the appliance airflow proving switch and limit string to assure proper appliance operation, and provides prepurge, postpurge, and timed trial for pilot ignition with 100 percent shutoff and continuous retry.

- A diagnostic LED indicates system status.
- Communicates directly with an electronic fan timer (ST9160 Electronic Fan Timer for single stage applications; ST9162 Electronic Fan Timer for two-stage applications) in typical forced warm air furnace applications.
- Interfaces with the 208907
- Suitable for a wide range of fan-assisted combustion gas-fired appliances including furnaces, rooftop furnaces, boilers, unit heaters, infrared heaters, water heaters and commercial cooking appliances.
- OEM applications for ICP, Mestek and Slant/Fin.

Honeywell

Part No.	Size (In.) Inlet	Size (In.) Outlet	Capacity (cfh)	Type Gas	Type Regulator	Conversion Kit Supplied	Price
SV9641M4510	1/2 NPT	1/2 NPT	200	Natural	Standard	Yes	653.17

CYCLE PILOT



Cycle pilot gas valves are equipped with redundant pilot solenoid main gas regulator, integral gas pressure switch and electrical connection on the gas valve for mercury flame sensor connection.

- Connections: 3/4" x 3/4"
- AGA Capacity: 280,000 BTUH
- Regulator setting: 3.5" W.C Natural gas
- Reducer bushing kit included
- Coil voltage: 24 Vac

White Rodgers EMERSON Climate Technologies

Part No.	Electrical Connection	Flame Sensor Socket Location	LP Kit	Price
36C84912	4 Spade Terminals, 1/4", CCLS	Side	Included	597.29
36C84913	3 Spade Terminals, CCS, 5 30" Leads	Side	Included	Call
36C84921	4 Spade Terminals, 1/4", CCLS	Top	Included	Call
36C84926	Edge Connector to P.C. Board	Side	Natural Only	Call
36C84945	3 Spade Terminals, 1 PIN Terminal	None	Included	Call

PROVEN PILOT, HS/DS, LOW VOLTAGE, SINGLE STAGE



Designed for direct spark ignition and hot surface ignition system applications. This valve is equipped with redundant and main solenoid valves that control gas flow to the main burners, a pressure regulator and a two-position on/off switch for regulation and electrical shut-off of the solenoid valves.

- Regulator calibrated to 3.5 ± 0.3" WC @ 100,000 BTUH.
- Natural gas/LP conversion kit
- Inlet/outlet reducer bushings (1/2 NPT x 3/8 NPT)

White Rodgers EMERSON Climate Technologies

Part No.	Usage	Inlet Size (In.)	Outlet Size (In.)	Capacity AGA (BTUH)	Price
36J24214	Proven Pilot, HS/DS, Slow Open, Low Voltage, Nat Gas	1/2	1/2	140,000	147.19

PROVEN PILOT, 2 STAGE



Designed for use on automatic spark ignition systems. Fast open operation

- High/Low feature to permit two different rates of input to the main burner
- Natural/LP; conversion kit included
- Regulator settings : LO – 1.0" W.C.(adj 1 to 3.5"), HI – 3.5" W.C.(adj 2.5 to 5")
- Bushing kit included

White Rodgers EMERSON Climate Technologies

Part No.	Inlet Size (In.)	Outlet Size (In.)	Capacity CSA (BTUH)	Coil Voltage (Vac)	Price
36H64463	3/4	3/4	300,000	24	338.14

VALVE, COMBINATION

PROVEN PILOT, HS/DS, LOW VOLTAGE, VR8205 SERIES



Combination gas controls for use with hot surface/direct spark systems in 24 Vac, gas-fired appliances with capacities from 20 to 200 cfh.

- Controls include manual valve, two automatic operators and servo pressure regulator
- Combination dual automatic valve
- Includes reducer bushings, natural to LP conversion kit

Honeywell

	Size (In.)			Type		
Part No.	Inlet	Outlet	Capacity (cfh)	Gas	Regulator	Price
VR8205A2024	1/2	1/2	150	Natural	Standard	Call

PROVEN PILOT, HS/DS, LOW VOLTAGE, VR8305 SERIES



Combination gas control for use with hot surface/direct spark systems in 24 Vac, gas-fired appliances with capacities from 30 to 415 cfh.

- Controls include manual valve, two automatic operators, and pressure regulator
- Combination dual automatic valve
- Includes bushing, natural to LP conversion

Honeywell

	Size (In.)			
Part No.	Inlet	Outlet	Pressure Regulator (In. W.C.)	Price
VR8305M3506	1/2	3/4	3.5	Call
VR8305Q4500	3/4	3/4	1.7 Low, 3.5 High	Call

PROVEN PILOT, HS/DS, UNIVERSAL



Provides electrically operated pilot solenoid which is controlled by room thermostat. Main valve is energized by a mechanical flame sensor or electronic ignition/flame detecting module.

- For hot surface, direct spark
- Usage: natural gas
- LP conversion kit order separately, provide for 100% lockout
- Capacity (BTU/H): 300,000 (1" PD, .64 specific gravity — 1,000 BTU/Cu. Ft.)
- Pipe size: 3/4" x 3/4"
- Coil voltage: 24 Vac

White Rodgers EMERSON

Part No.	Opening Characteristic	Stages	Price
36H32423	Fast	1	260.30
36H33412	Slow	1	Call
36H65401	Slow	2	Call

HEATING, GAS BURNER

VALVE, COMBINATION

COMMERCIAL



- Solenoid-operated valves for use with natural gas (and LP gas for V4943A only)
- Valve body of die-cast aluminum with a straight through pattern
- V4943 for use with line voltage, on/off controllers
- V4944 for use with line voltage, dual stage controllers
- Pressure regulator: 3.5 w.c.

Honeywell
THE POWER OF CONNECTED

Part No.	Capacity (cfh)	Valve Opening Time (Sec)	Description	Price
V4943A1011	1000	6	On/Off Diaphragm Valve	Call
V4943B1019	300 to 1000	3 to 25	Single Stage Pressure Regulating	465.10
V4944B1018	300 to 1000	3 to 25	Two Stage Pressure Regulating	Call
V4944N1011	300 to 1000	6	Two Stage Pressure Regulating	Call

GAS PILOT

PILOT BURNER, Q314 SERIES



Non primary-aerated, insert orifice type pilot burner for main burner ignition with Q340 or Q390 thermocouple for pilot stat safety control operation. Use with Q313 for 750 mV power pile application
Tip Styles:



Honeywell
THE POWER OF CONNECTED

Part No.	Tip Style	Gas	Bracket	Price
Q314A3547	A	Natural	Side	74.29
Q314A4586	B	Natural, LP	End	70.44
Q314A6094	A	Natural, LP	End	Call
Q314A6102	C	Natural, LP	End	Call

PILOT BURNER, Q327 SERIES



Primary-aerated, spud orifice-type pilot burner for main burner ignition with Q340 or Q390 thermocouple for pilotstat safety control operation

Honeywell
THE POWER OF CONNECTED

Part No.	Gas	Bracket	Price
Q327A1626	Natural, LP	End	Call

IGNITER/SENSOR



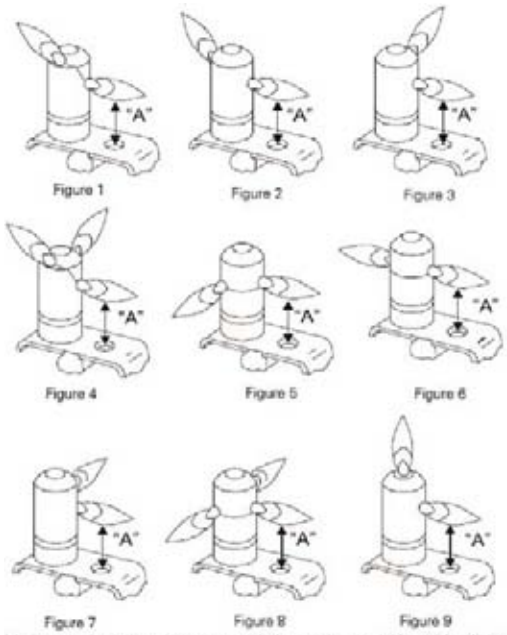
Non primary-aerated combination pilot burner and igniter. Used with the S86, S860, S8610 or S8670 in intermittent pilot systems.

Honeywell
THE POWER OF CONNECTED

Part No.	Tip Style	Gas	Bracket	Price
Q345A1305	B	Natural	End	75.10
Q345A1313	A	Natural	End	79.75
Q345A1321	C	Natural	End	94.69

PILOT BURNER





Universal replacement models replace J12, J13 pilots.

- "A" dimension: .850"

BASO Gas Products LLC

Part No.	Figure	Price
J991MDA2	1	Call
J992MDA2	2	69.69
J993MDA2	3	Call
J994MDA2	4	Call
J995MDA2	5	Call
J996MDA2	6	Call
J997MDA2	7	Call
J998MDA2	8	Call
J999MDA2	9	65.00

HEATING, GAS BURNER

GAS PILOT

UNIVERSAL REPLACEMENT

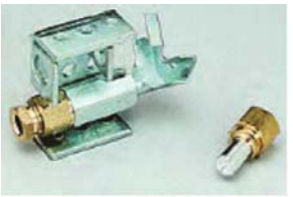
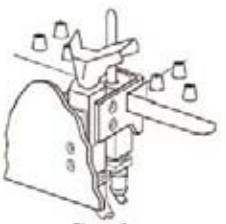



Figure 1


Figure 2


Figure 3

The J Series BASO universal replacement pilot burners are supplied in three models. Mounting brackets on all four sides of each burner permit adaptation to almost any application. Natural and LP gas orifice supplied

BASO Gas Products LLC

Part No.	Figure	Type Pilot	Price
J999MHA2	1	"L" Channel	52.51
J999MKA2	2	Shell	47.15
J999MYA2	3	"Y" Channel	50.90

PILOT TUBING



BASO Gas Products LLC

Part No.	Description	Price
Y99AR1	1/4 O.D. x 60" Aluminum Tube	31.59

THERMOCOUPLE

UNIVERSAL



Universal 30 mV thermocouple.
- Average operating life of 10 years

Honeywell

Part No.	Lead Length (In.)	Price
Q340A1066	18	17.09
Q340A1074	24	17.82
Q340A1082	30	18.88
Q340A1090	36	19.54
Q340A1108	48	21.63

2 PIECE



For use on gas-fired heating systems as an alternative to Q340 with Universal two-piece adapter.
- Average operating life of 5–7 years

Honeywell

Part No.	Lead Length (In.)	Price
Q390A1046	24	10.86
Q390A1053	30	11.46
Q390A1061	36	12.08

THERMOPILE

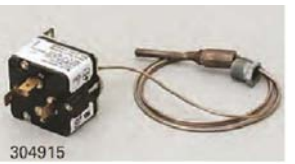


Provides power for a millivoltage, self-powered control system.
- Open circuit output: 600–750 mV
- Use with Q314, Q324, Q327, Q377, Q379, Q382 pilot burners

Honeywell

Part No.	Lead Length (In.)	Includes	Price
Q313A1022	35	Spade Terminal	Call
Q313A1055	47	1/2" Nut	Call
Q313A1139	35	Push In Clip	102.03
Q313A1170	35	PG9 Adapter	109.40
Q313A1188	35	Push In Clip & Nut	102.62
Q313B1005	35	Terminal Block	Call

MERCURY FLAME SENSOR


304915

The mercury flame sensor is a mechanical device that proves the existence of an acceptable pilot flame. It converts the heat of a pilot flame to motion which is used to open and close a set of electrical contacts. When the bulb is heated by a pilot flame, the mercury is vaporized causing pressure in the capillary and diaphragm. Movement of the diaphragm causes the snap-switch to open one set of contacts and close a second set. These contacts control the pilot valve and the main valve.

White Rodgers EMERSON

Part No.	Panel Type	Bulb Style	Element Length (In.)	Price
30494	A	#2	33	41.34
304918	D	#7	30	Call
304964	D	#19	48	Call
3049115	D	#20	48	413.36
3098134	E	#19	48	268.45

HEATING, GAS BURNER

IGNITION CONTROL

HOT SURFACE MODULE



Provides electronic control of 120V hot surface ignition systems used in furnaces, boilers and other heating appliances.

- Use with Norton 201 hot surface igniters or equivalent
- Supply voltage: 120 Vac and 24 Vac
- Controls igniter and gas flow

Honeywell

Part No.	Lockout Timing (Sec.)	Comments	Price
S89C1095	15	Single Trial for Ignition	Call
S89C1087	6	Three Trials for Ignition, Prepurge	Call

HOT SURFACE MODULE, NON-INTEGRATED



Universal replacement for silicon carbide, non-integrated HSI modules. Replaces all 50E47 W/R and virtually all competitive silicon carbide, nonintegrated modules.

- Six insertable program keys cover most existing timing variations
- Tri-color LED indicator for diagnostics
- Direct and indirect flame sense

White Rodgers EMERSON Climate Technologies

Part No.	Description	Price
50E47-843	Universal (NI) HSI Module	253.98

HOT SURFACE MODULE, INTEGRATED



Universal replacements for existing W/R integrated silicon carbide (50A50/50A55) and silicon nitride (50A65) modules.

White Rodgers EMERSON Climate Technologies

Part No.	Description	Price
50A55843	Silicon Carbide Module	244.47
50A65-843	Silicon Nitride Module	258.32

HOT SURFACE MODULE, INTEGRATED, FURNACE CONTROL KIT



Replaces virtually all White-Rodgers and competitive single stage carbide and nitride HSI systems.

Easy-Install Kit, includes:

- Ignition control module
- 9 Quick-Select/Quick-Connect wiring harnesses
- Universal nitride ignitor kit 21D642
- Installation instructions and OEM cross-reference

Features:

- 3 Fan speeds: cool, low heat and high heat (terminal connections)
- Color-coded thermostat connection
- System diagnostics, with fault recall (stored)
- Cover label displays diagnostic table
- Red LED light: used for diagnostic flash codes
- Low voltage, fuse protection, 3A replaceable automotive type
- Humidifier and electronic air cleaner connections (optional)

White Rodgers EMERSON Climate Technologies

Part No.	Description	Price
50M56U843	Single Stage HSI Integrated Furnace Control Kit	287.96

INTERMITTENT MODULE



Field service replacement for most Honeywell (S8610U), Robertshaw (780-715), Johnson Controls (G779) and Utec Ignition Controls. 10 configuration options on modular control cards

- Provides ignition, proof of ignition and precise timing.
- Works with single rod or dual rod remote sensor.
- LED diagnostic indicator.
- 24Vac, 50/60 Hz, 0.2A

White Rodgers EMERSON Climate Technologies

Part No.	Description	Price
50D50843	Universal Replacement Module, Proven	251.63

HEATING, GAS BURNER

IGNITION CONTROL

INTERMITTENT PILOT MODULE, UNIVERSAL



- Provides ignition sequence, flame monitoring and safety shutoff for intermittent pilot central furnaces and heating appliances
- Provides 100 % pilot gas shutoff if pilot fails to light; after 6-minute delay, trial for ignition is repeated. Ignition trial/delay sequence is repeated until the appliance lights or call for heat is removed.
- For use with natural or LP gas
- Includes remote reset, automatic vent damper plug
- For use in single rod or dual rod/remote sense applications
- Supply voltage: 24V

Honeywell

Part No.	Lockout Time (Sec.)	Price
S8610U3009	15 or 90	278.38

INTERMITTENT PILOT MODULE, UNIVERSAL



Microprocessor based ignition control. provides reliable software control of all timings and operates a diagnostic LED. It provides ignition sequence, flame monitoring, and safety shutoff for intermittent pilot boilers, furnaces and other heating appliances.
It replaces controls with the following specifications:

- Single rod (local sense) or dual rod (remote sense) flame sensing
- 100% shutoff/lockout with 5 minute continuous retry
- Trial times of 25 seconds or longer
- Prepurge period 1 second or less
- Main burner 400,000 BTU/hr maximum
- Pilot burners with flow rates of 1,500 Btu/hr or less
- With or without automatic vent damper
- Must be used with redundant gas valves and not subjected to temperatures below -40°F or above 170°F Direct replacement to Johnson Controls G779LHA.

BASO Gas Products LLC

Part No.	Minimum Flange urrent (µA)	Contact Rating (Amps)	Price
BG1600M51EF1AA	.15	2	246.34

INTERMITTENT PILOT MODULE



Intermittent pilot modules provide ignition sequence, flame monitoring, and safety shutoff for boilers, furnaces, and a variety of other commercial cooking equipment. Intermittent pilot units are available with damper connection or without. Intermittent pilot modules are available with various specifications as follows:

- Single rod (local sense) or dual rod (remote sense) flame sensing
- Trial for ignition 1 or 3
- 100% shutoff/lockout with none, 5 or 60 minutes continuous retry
- Trial times of infinite, 4, 5, 8, 10, 15, 20, 25, 30, 50, 60, 85, 90 and 120 seconds.
- Pre-purge period of none, 4, 8, 10, 15, 30, 45, 60 secs or 4 minutes
- Main burner 400,000 Btu/hr max.
- Pilot burners with flow rates of 1,500 Btu/hr or less
- Temperature ranges of -40°F to 170°F

BASO Gas Products LLC

Part No.	Continuous Retry	Replaces*	Price
BG1600M00EK1AA	None	G600AY1, G670AW1	242.57
BG1600M00FP1AD	None	G770MHC1C	Call
BG1600M01ER1AD	5 Minutes	G775RGA	Call
BG1600M01CR1BD	5 Minutes	G775RDJ2C, G775RJD15C	255.33
BG1600M02CR1AD	60 Minutes	G776RGD14C	259.78
BG1600M10EK1AA	None	G600AX1	Call
BG1600M10FF1AA	None	G600LX1	Call
BG1600M10EM1AD	None	G770KHA2	Call
BG1600M10ER1AD	None	G770RHA	Call
BG1600M11ER1AD	5 Minutes	G775RHA	Call

*Refer to Baso cross reference table for a complete list

DIRECT SPARK MODULE, S87 SERIES



Provides electronic control of direct spark ignition systems used on gas fired furnaces, boilers, and other heating

Honeywell

Part No.	Lockout Timing (Sec.)	Comments	Price
S87D1020	4	Separate Electrodes, Spark & Flame Sense Includes Alarm Output	Call
S87D1004	6	Separate Electrodes, Spark & Flame Sense Includes Alarm Output	518.38
S87D1012	11	Separate Electrodes, Spark & Flame Sense Includes Alarm Output	518.38
S87D1038	21	Separate Electrodes, Spark & Flame Sense Includes Alarm Output	Call

HEATING, GAS BURNER

IGNITION CONTROL

DIRECT SPARK MODULE, S89 SERIES



Provides electronic control of direct spark ignition systems, with external spark transformers, used on gas-fired furnaces, boilers, conversion burners and other heating appliances.

- Controls ignition sequence and gas control operation in direct spark ignition systems
- Lockout after one trial for ignition if main burner fails to ignite
- Supply voltage: 120 Vac and 24 Vac

Honeywell
THE POWER OF CONNECTED

Part No.	Lockout Timing (Sec.)	Comments	Price
S89F1098	4	Safe Start Check, 30 Sec. Prepurge	534.06

DIRECT SPARK MODULE



BASO has designed in timings on various direct spark controls with flame rectification to replace many Johnson Controls, Honeywell, United Technologies, Fenwal, and Robertshaw. These are microprocessor based controls suited for direct replacement and new applications. Direct spark modules provide ignition sequence, flame monitoring, and safety shutoff for boilers, furnaces, and a variety of other commercial cooking equipment. Direct spark modules are available with various specifications as follows:

- Single rod (local sense) or dual rod (remote sense) flame sensing
- 100% shutoff/lockout with none, 5 or 60 minutes continuous retry
- Trial for ignition 1 or 3
- Trial times of infinite, 4, 5, 8, 10, 15, 20, 25, 30, 50, 60, 85, 90 and 120 seconds.
- Pre-purge period of none, 4, 8, 10, 15, 30, 45, 60 seconds or 4 minutes
- Main burner 400,000 Btu/hr max.
- Temperature ranges of -40°F to 170°F
- 24 Volt
- Recycle time: 300 seconds

Other models available upon request

BASO
BASO Gas Products LLC

Part No.	Ignition Trial Time (Sec.)	Pre-Purge Time (Sec.)	Replaces	Price
BG1100MAAK1G	4	None	G760BAD	Call
BG1100MADL1G	8	30	G765BCA-12R	242.57

DIRECT SPARK MODULE



Microprocessor based gas ignition control for natural or LP. Proof of flame is accomplished.

- Color LED indicator for diagnostics.
- Program keys.
- 1/4" and 3/16" quick connect terminals.
- Damper interface.
- 25Vac nominal, 50/60 Hz, 0.2A

White Rodgers EMERSON Climate Technologies

Part No.	Description	Price
50D50842	S87 Replacement Module, Direct Spark	249.14

FURNACE CONTROL MODULE



Microprocessor based using software to determine the sequence of operation, timing, trial for ignition flame sensing and lockout Monitors the status of the room thermostat, limit and rollout switches, air pressure switch and flame sensor before energizing the vent motor, blower control, hot surface ignitor and gas valve

- Provides diagnostic LEDs to aid in troubleshooting
- Designed for 100% gas shutoff in case of ignition failure
- Compatible with 24Vac thermostats
- Twinning with similar boards
- Voltage range: 98 to 132 Vac; 60Hz

ICM280 replaces:

- Goodman/Janitrol: B18099-13, B18099-13S, B18099-10, B18099-08, B18099-06
- UTEC: 1012-933D
- Texas Instruments: 41F-5
- White-Rodgers: 50T35-730, 50T35-743

ICM281 replaces:

- Carrier: CESO11005700, CESO11005701, CESO11005702

ICM282 replaces:

- Carrier:HK42FZ(004,007,008,009,011,013,016)

ICM CONTROLS

Part No.	Voltage	Replaces	Price
ICM280	115/1/60	Goodman/Janitrol B18099-(06,08,10,13,13S)	209.38
ICM281	115/1/60	Carrier CESO1100570(0,1,2)	211.87
ICM282	115/1/60	Carrier HK42FZ(004,007,008,009,011,013,016)	341.64

HEATING, GAS BURNER

IGNITION CONTROL

PILOT RELIGHT



Ignition control generates spark pulses to ignite pilot gas. The relight control generates sparks until a pilot flame is sensed between the electrode and ground. The relight control detects a flame through "flame conduction". When flame current is sensed between the electrode and pilotburner ground, the relight control stops sparking. If the flame is extinguished during the heat call, the relite control will begin sparking the instant the flame goes out.

White Rodgers EMERSON

Part No.	Input Voltage (Vac)	Connection	Price
5059134	24	Spike Connector	212.48
505923	24	Spark Plug, 1/4" Spade	192.71

RELIGHT/LOCKOUT



Combination relight control and lockout timer

White Rodgers EMERSON

Part No.	Input Voltage (Vac)	Connection	Price
50A2221	24	6 Male Spade	Call

RETROFIT

IGNITION, UNIVERSAL



Complete kits for converting conventional standing pilot systems to intermittent pilot systems. For use with 24 Vac gas-fired atmospheric furnaces, boiler and heating appliances.

- Y8610F kits are for use with natural gas only; continuous trial for ignition until the pilot lights or the system is shut down manually
- Y8610U kits are for use with natural or LP gas; provides 100% pilot gas shutoff if pilot fails to light; after 6-minute delay, trial for ignition is repeated. Ignition trial/delay sequence is repeated until the appliance lights or call for heat is removed.

Honeywell

Part No.	Type Gas	Includes	Price
Y8610U4001	Natural or LP	S8610U module, VR8204A valve, 1/2 x 1/2"	Call
Y8610U6006	Natural or LP	S8610U module, VR8204A valve, 1/2 x 3/4"	650.92

SENSOR

SPARK IGNITOR



Produces spark for direct ignition of main burner.

- Use with S87C, D, S89E, F; and Q354A

Honeywell

Part No.	Ground Strap Orientation	Electrode Length (In.)	Price
Q347A1004	Standard	2-1/32	68.43
Q347A1012	90° Angle	2-1/32	69.13

FLAME RECTIFICATION



Detects the presence of a main burner flame.
Use with S825, S87C, D, K or S89E, F

Honeywell

Part No.	Flame Rod Length (In.)	Price
Q354A1000	2.5	Call
Q354A1018	6	Call

CYCLE-PILOT ELECTRODE



Replaces cycle-pilot ignition electrodes and cable assemblies.

White Rodgers EMERSON

Part No.	Description	Price
76056	24" Lead with Slip On Bracket	Call

HOT SURFACE IGNITION, FLAME



Can be remotely mounted on multiple burners or adjacent to ignitor. Designed to detect the presence of flame. 760802 is exact replacement for OEM mode

White Rodgers EMERSON

Part No.	Lead Length (In.)	Price
760401	30	Call
760802	30	Call

GAS CONTROL

GLOWFLY™



Designed to provide a robust field service replacement ignitor in gas fired appliances with Norton/St Gobain 120 VAC silicon carbide hot surface ignitors. The Q3200U uses a 120 volt silicon nitride ignitor design with long life and high resistance to damage or burn out in the appliance.

Honeywell

Part No.	Description	Price
Q3200U1004	Single Kit	67.13
Q3200U2002	Service Pack of 6 Kits	Call

HEATING, GAS BURNER

GAS CONTROL

IGNITOR



- Universal hot surface silicon nitride ignitor; incorporates S13N$ technology.

Supco

Part No.	Description	Price
SSN2000	Universal Silicon Nitride Ignitor, 3 1/4 in.	24.50
SSN4000	Universal Silicon Nitride Ignitor, 2 1/8 in.	35.90

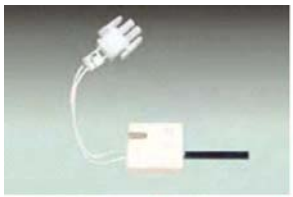
IGNITOR, CARBIDE



White Rodgers EMERSON Climate Technologies

Part No.	Terminals	Lead Length (In.)	Insertion Length (In.)	Price
767A356	0.093" Male Pins	6	2.00	30.16
767A357	0.093" Male Pins	5.25	2.25	29.93
767A361	0.093" Male Pins	5.25	2.25	28.86
767A365	0.25" female spade	5.688	1.87	29.93

IGNITOR, NITRIDE



- AMP terminal receptacles with female sockets.
- White teflon coated leads.
- Steatite insulator with or without (768A845) steel zinc plated mounting tabs.
- 54mm ignitor element length.

White Rodgers EMERSON Climate Technologies

Part No.	OEM	Terminals (In.)	Price
768A842	Amana, 11111701	0.093	63.81
768A843	Thermo, 768A-143	0.084	63.81
768A844	Lennox, 41K5601	0.084	65.56
768A845	Trane, B340970P01	0.084	63.81

UNIVERSAL UPGRADE KIT



Designed to replace silicon carbide and older silicon nitride ignitors

- Upgrades silicon carbide integrated or non integrated systems to long lasting and durable nitride
- Kit includes universal ignitor mounting bracket, ignitor with 15 1/2" leads, mounting adapter bracket, 2 ceramic wire nuts, cross reference, instruction booklet and upgrade label for the furnace
- Super tough nitride ignitor construction; "no more broken ignitors"
- Easy ignitor replacement.
- 3 year warranty

White Rodgers EMERSON Climate Technologies

Part No.	Description	Price
21D642	Nitride Upgrade Kit	61.38

GAS REGULATOR

RUBBER SEAT POPPET



These rubber seat poppet type regulators are designed primarily for main burner and pilot load applications where precise control of tiny flows is an essential operating requirement. Housings are of high strength aluminum die castings.

- Maximum inlet pressure: 1/2 psi
- RV48 Leak limiting devices 12A04 or 12A06 must be used if not vent piped to code

MAXITROL

Part No.	Connection Size FPT (In.)	Range of Regulation (BTUH) Main Burner	Range of Regulation (BTUH) Main Burner & Pilot	Standard Spring (In. W.C.)	Dimensions (In.) H	Dimensions (In.) L	Price
RV203/8	3/8	150 to 75,000	150 to 50,000	2.8 to 5.2	2-1/8	2 3/8	Call
RV481/2	1/2	150 to 230,000	150 to 230,000	3.0 to 6.0	2-3/4	3 3/8	Call
RV483/4	3/4	150 to 250,000	150 to 250,000	3.0 to 6.0	2-3/4	3 3/8	Call

STRAIGHT-THRU-FLOW



Main burner only, non-lockup type. They should not be used as a line gas pressure regulator ahead of low pressure controls. Use only where downstream controls can operate at line pressure. Suitable for multi-poise mounting.

- Maximum inlet pressure: 1/2 psi, except RV611 which is 1 psi
- Standard spring: 3" to 6" W.C.

MAXITROL

Part No.	Connection Size FPT (In.)	Regulation Range (CFH)	AGA Max (CFH)	Dimensions (In.) H	Dimensions (In.) L	Price
RV521/2	1/2	151 to 956	450	4-7/8	3-3/16	Call
RV523/4	3/4	151 to 956	450	4-7/8	3-3/16	Call
RV531	1	217 to 1,369	710	5-13/16	3-3/4	60.65
RV533/4	3/4	217 to 1,369	710	5-13/16	3-3/4	Call
RV611	1	379 to 2,464	1,100	6-7/16	4-3/8	86.05

LEVER ACTING DESIGN



- Suitable for multi-poise mounting, except with vent limiting device
- Used as a single stage regulator or a first-stage on two-stage system
- Used for both 2 psi and 5 psi flexible tubing house piping systems
- Precise regulation from pilot flows to full regulator capacity
- Regulation range (CFH) based on outlet pressure setpoint of 10"W.C.

MAXITROL

Part No.	Connection Size FPT (In.)	Regulation Range (CFH)	AGA Max* (CFH)	Dimensions (In.) H	Dimensions (In.) L	Price
3253L1/2**	1/2	100 to 320	150	3-1/2	4-1/4	Call
3255A-1/2	1/2	225 to 680	300	5-1/4	5-7/8	Call
3255AL-3/4	3/4	225 to 680	300	5-1/4	5-7/8	Call
325711/2	1-1/2	470 to 2,000	—	7-1/4	8	Call

GAS REGULATOR

BALANCED VALVE DESIGN



Intended for use with both main burner and pilot load applications. Suited for use with infrared heaters and pilot lines on large industrial heaters and boilers. These regulators are not suitable for dead-end lock-up service. They are capable of controlling pressure at very low flows such as standing pilots, but should not be used as a line gas pressure regulator for appliances equipped with electronic ignition unless automatic control valve can open against line pressure.

- For multi-poise mounting and all fuel gas
- Standard spring: 3" to 6" W.C.

MAXITROL

Part No.	Connection FTP (In.)	Regulation Range (CFH)	Dimension H x L (In.)	Price
R400S	1/2	86 to 303	3-1/4 x 2	43.20
R500S	3/4	196 to 876	4-2/3 x 3-1/8	Call
R600S	1	330 to 1,480	5-2/3 x 3-7/8	Call

SPRING LOADED



For gas fired boilers, steam generators, industrial furnaces, ovens and similar high demand equipment. Balanced valve design eliminates the inlet pressure effect acting on the valve. Intended for use with all gas fuels. The regulator should be mounted in an upright position in a horizontal pipe run. The 210 Series is a lock-up type regulator and complies with codes using this specification. Designed to operate as a zero governor in the normal upright position

- Standard spring: 3" to 6" W.C.

MAXITROL

Part No.	Connection FTP (In.)	Regulation Range (CFH)	Dimension (In.) H	Dimension (In.) L	Price
210E11/2	1-1/2	4,450 to 10,500	11-1/4	7-5/8	Call

VENT LIMITER



Automatic vent limiting
RV81, RV91, RV111, 325-7, 210 Series must be vent piped per code

MAXITROL

Part No.	Usage	Description	Price
12A04	RV48, RV52, RV53, RV61	IAS Certification 14" W.C., 1/8" MPT	3.85
12A06	RV48, RV52, RV53, RV61	Orifice Only, Less Ball Check	2.55
12A09	325-3, R & RS	IAS Certification 2 psi LP 5 psi Natural with Model 325-3, 1/8" MPT	Call
12A39	325-5A	IAS Certification 2 psi LP 5 psi Natural with Model 325-5A, 3/8" MPT	8.55

SPRINGS

MAXITROL

Part No.	Outlet Pressure Range (in W.C.)	Color Code	Usage	Price
R521036	3 to 6	Plated	RV52, RV500S	Call
R6010512	5 to 12	Blue	RV61	Call
R81101022	10 to 22	Red	RV81, 210D	Call
R811036	3 to 6	Plated	RV81, 210D	Call
R8110412	4 to 12	Violet	RV81, 210D	Call
R811048	4 to 8	Orange	RV81, 210D	Call
R9110412	4 to 12	Violet	RV91, 210E	Call

WARM AIR CONTROL

FAN AND LIMIT



- L4064W features a 20–90 second preheat before fan start
- L4064B, W models have manual fan switch that overrides fan control to keep fan running continuously
- High limit: 100–250°F Differential: 25°F, fixed
- Fan on: 65–215°F Differential: 22°F minimum
- Fan off: 50–200°F
- Contact rating
  Fan: 7 F.L. Amp @ 240 Vac
  Limit: 4 F.L. Amp @ 240 Vac

Honeywell THE POWER OF CONNECTED

Part No.	Element Insertion Length (In.)	Mounting Bracket	Price
L4064B2210	11-1/2	Surface	229.57
L4064B2228	5	Surface	220.99
L4064B2236	8	Surface	225.28

FAN OR LIMIT



Single fan or limit control starts and stops fan operation and provides positive reliable high limit protection on warm air furnaces.

- Switch: SPDT
- Contact rating: 3.7 F.L. Amp @ 240 Vac

White Rodgers EMERSON Climate Technologies

Part No.	Range (°F)	Differential (°F)	Element Length (In.)	Price
4164	100 to 350	20, Fixed	9	Call

FAN AND LIMIT



Turns the blower on and off as a function of temperature.

- Adjustable fan differential
- Limit differential: 30°F, fixed

CAM-STAT®

Part No.	Element Length (In.)	Fan Off Temp. (°F)	Fan Differential (°F)	Limit Temp. (°F)	Price
FAL3C05TD120	3	90 to 120	25 to 50	150 to 250	Call
FAL7C05TD120	7	90 to 120	25 to 50	150 to 250	Call

FAN AND LIMIT, UNIVERSAL



- Single element type for applications with narrow space limitations
- Regulates fan or blower operation and acts as high limit safety control
- Designed to be interchangeable with other flush mounted, single element fan and limits
- Range: fan -50 to 265°F, differential 15–70°F
  Limit: 100 to 300°F, differential 25°F, fixed
- Switch: fan SPST, close rise, 7.0 F.L. Amp @ 240 Vac
  Limit: SPST, open rise, 6.0 F.L. Amp @ 240 Vac

White Rodgers EMERSON Climate Technologies

Part No.	Element Length (In.)	Price
5D5135	5	Call
5D5190	8	Call
5D5178	11	205.90

WARM AIR CONTROL

FAN AND LIMIT, TIME/TEMPERATURE



- Adjustable fan off temperature setting
- Adjustable limit temperature setting
- Includes a "Heat Assist" circuit to provide a timed blower on function
- Element length: 7"

CAM-STAT®

Part No.	Fan off Temperature (°F)	Limit Temperature (°F)	Limit Differential (°F)	Comments	Price
FALTS57C65T	90 to 120	150 to 250	30, Fixed	w/Element Shield	Call

LIMIT, L4029 SERIES



- Manual reset
- Positive lockout of burner in case of fan failure
- Contact rating: 5 F.L. Amp @ 240 Vac
- Duct mounting: 3" insertion

Honeywell

Part No.	Fixed Cutout Setting (°F)	Price
L4029E1011	135	273.41
L4029E1029	200	273.41
L4029E1045	240	Call
L4029E1219	165	268.15
L4029E1227	125	268.15

LIMIT



Safety device which cycles the blower and gas valve in case the fan control device fails.

- SPDT switching action

CAM-STAT®

Part No.	Element Length (In.)	Off Temperature (°F)	Price
L593BA	3	120 to 250	53.00
L597BA	7	120 to 250	52.00

FAN



- Fan off temperature: 90 to 120°F
- Fan differential: 25 to 50°F

CAM-STAT®

Part No.	Extension Width (In.)	Element Length (In.)	Price
F473TD12025C	7/16	3	81.80
F477TD12025C	7/16	7	83.15
F21412A140	1-1/16	3	81.73
F21413A140	1-1/16	7	82.81

FAN, TIME/TEMPERATURE



- Adjustable fan off temperature setting
- Includes "Heat Assist" circuit to provide a timed blower on function
- Time delay at 24 Vac: 25–60 seconds
- Fan differential: 50°F, fixed

CAM-STAT®

Part No.	Element Length (In.)	Fan Off Temperature (°F)	Price
FA47TS3110	3	90 to 120	96.38
FA47TS7110	7	90 to 120	100.78

WARM AIR CONTROL

TIME DELAY



- 24 Vac input
- Provides delay on and delay off timing
- Contact rating - Normally open terminals: 8 F.L. Amp @ 240 Vac Normally closed terminals: 2.9 F.L. Amp @ 240 Vac

CAM-STAT®

Part No.	Switch	Timing (Sec.) Delay On	Timing (Sec.) Delay Off	Price
S1061A4575C	SPST	30 to 50	60 to 90	67.99
S1061A5040C	SPST	45 to 55	30 to 50	Call
S1061B6545C	SPDT	60 to 70	45 to 75	Call

FIRESTAT, DUCT

Johnson Controls



The A25 warm air controls lock out on a temperature increase to the control set point. Manual reset is required before the electrical contacts can be reclosed. Construction with 125°F stop setting meets requirements of NFPA 90A Standard for the installation of ac and ventilating systems for return air ducts of gypsum board construction.

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Limit (°F)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A25AN1	SPDT, Open High	25 to 215	Manual Reset	125	300	8	227.66

DUCT, FLANGE MOUNT



Wide range temperature control with special air coil sensing element and adjustable mounting flange. These duct thermostats are used on roof top units, make-up heaters, duct heaters, and air handling systems of all types.

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A19EAF1	SPDT	60 to 130	2, Fixed	200	3	214.06
A19EAF2	SPDT	30 to 110	2, Fixed	140	3	214.10

REMOTE BULB

HIGH RANGE



The A19 Series are single stage temperature controls that incorporate liquid filled sensing elements. Suitable for temperature control in heating, ventilating, and refrigeration.

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A19AAB-10C	SPST, Open High	200 to 550	10, Fixed	3/16 x 6	8	620	8	362.31
A19AAC9	SPDT	100 to 240	5, Fixed	3/16 x 3-7/8	6	290	8	192.99

* Oven thermostat

CROP DRYING



Crop drying thermostat energizes gas valve to maintain temperature.

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Bulb (In.)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240V)	Price
A19AAE3	SPST, Open High	80 to 180	2, Fixed	1/8 x 1-1/4	10	200	3	Call

HEATING

ACCESSORIES

SAIL SWITCH, HIGH VELOCITY



Responds to the air velocity in heating or warm air ducts.

- Contact rating: 5.1 F.L. Amp @240 Vac

Honeywell

Part No.	Switch	Operating Velocity (fpm)	Sail Differential (In.)	Price
S637A1004	SPDT	1,900–2,250	1 x 3	Call
S437A1009	SPST	1,900–2,250	1 x 3	Call

SAIL SWITCH, LOW VELOCITY



Used in forced air systems to activate electronic air cleaners, humidifiers or other auxiliary equipment in response to airflow from system fan.

- Red flag drops into window on fan compartment suction increase

Honeywell

Part No.	Switch	Operating Velocity (fpm)	Sail Dimension (In.)	Price
S688A1007	SPDT	75 to 250	5 x 10	129.47

WINTER WATCHMAN



- Lamp plugs into receptacle at bottom of "Winter Watchman" device
- Useful when house is unoccupied to notify a neighbor of a temperature drop so heating source fault can be rectified before freeze-up occurs

Honeywell

Part No.	Temperature Range (°F)	Price
S483B1002	30–60	71.55

SIGNAL TRANSDUCER



The Y99AU3 signal transducer, used in conjunction with a hand-held digital multimeter, allows for easy measurement of direct current (DC) as precise as 0.01 microampere

Johnson Controls

Part No.	Description	Price
Y99AU3	Signal Transducer	Call

HEAT PUMP CONTROL

HEAT PUMP DE-ICE TIMER



Provides field-adjustable timer control for de-icing of heat pump outdoor coils. Defrost cycle starts every 30, 45 or 90 minutes.

- Contact rating: 10 F.L. Amp @ 240 Vac

RANCO invensys

Part No.	Switch	Voltage (Vac)	Capillary Length (In.)	Price
E15256	SPDT	24	54, w/Bulb	265.25
E152601	SPDT	240	60, w/Bulb	174.83

HEAT PUMP REVERSING VALVE

REVERSING VALVE

These solenoid operated reversing valves are slide type, 4 way with a 4 way pilot valve and operate under the full pressure of the heat pump system. The valves are used on unitary, split system, and window-type heat pump applications.

- Coils not included —uses LDK style

OPPOSED PARALLEL



V10-414140-470 is used for heat recovery applications

RANCO invensys.

Part No.	Capacity (Tons) R407C	Capacity (Tons) R410A	Tube Size IDS (In.) Suction	Tube Size IDS (In.) High	Replaces	Price
V2-408060-170	0.8 to 1.8	.9 to 2.2	1/2	3/8	V2128	230.37
V6-412080-170	1.1 to 5.4	1.3 to 6.7	3/4	1/2	V62101	227.93
V6-414080-170	1.1 to 5.4	1.3 to 6.7	7/8	1/2	V62103	227.90
V6-414120-170	1.1 to 5.4	1.3 to 6.8	7/8	3/4	—	227.90
V10-414080-170	3.2 to 9.4	3.8 to 10.1	7/8	1/2	V102500	389.55
V10-414120-170	3.2 to 9.4	3.8 to 10.1	7/8	3/4	V102750	Call
V10-418140-170	3.2 to 10.7	3.8 to 11.7	1-1/8	7/8	V102762	426.66
V10-414140-470	3.2 to 9.4	3.8 to 10.1	7/8	7/8	V102765	Call

LOOPBACK PARALLEL



V2-408060-270

RANCO invensys.

Part No.	Capacity (Tons) R407C	Capacity (Tons) R410A	Tube Size IDS (In.) Suction	Tube Size IDS (In.) High	Replaces	Price
V1-406060-270	.4 to 1.3	.5 to 1.7	3/8	3/8	V1158	230.90
V2-408060-270	0.8 to 1.8	.9 to 2.2	1/2	3/8	V2100	208.96

OPPOSED OFFSET PARALLEL



RANCO invensys.

Part No.	Capacity (Tons) R407C	Capacity (Tons) R410A	Tube Size IDS (In.) Suction	Tube Size IDS (In.) High	Replaces	Price
V12-4220T0-270	6.5 to 13.3	6.3 to 16.8	1 3/8	1 1/8 OD	V12-321	1108.50

OPPOSED FLARE



RANCO invensys.

Part No.	Capacity (Tons) R407C	Capacity (Tons) R410A	Tube Size IDS (In.) Suction	Tube Size IDS (In.) High	Replaces	Price
V2-4100F0-370	1.1 to 2.0	1.3 to 2.5	5/8	3/8 OD	V2179	102.00

OPPOSED OFFSET FLARE



RANCO invensys.

Part No.	Capacity (Tons) R407C	Capacity (Tons) R410A	Tube Size IDS (In.) Suction	Tube Size IDS (In.) High	Replaces	Price
V3-410080-770	1.1 to 2.7	1.3 to 3.1	5/8	1/2	V31003	226.38
V3-412080-870	1.1 to 2.8	1.3 to 3.5	3/4	1/2	V31004	191.14

HEAT PUMP REVERSING VALVE

LOOPBACK FLARE



RANCO invensys.

Part No.	take Capacity (Tons) R407C	R410A	Suction	High	Replaces	Price
V2-410060-470	1.1 to 2.0	1.3 to 2.5	5/8	3/8	V2150	128.04

COIL, LDK SERIES



Type LDK solenoid coils for use with the current Vx-xxxxxx-xxx series "Generation 4", Ranco heat pump reversing valves are epoxy encapsulated, continuous duty, moisture-resistant magnetic coils designed to operate the pilot valve controlling the reversing valves. Included with the solenoid coil is a wiring harness

RANCO invensys.

Part No.	Voltage (Vac)	Color	Price
LDK-110000-070	24	Red	66.79
LDK-310000-070	120	Black	68.00
LDK-410000-070	240	Green	68.00
LDK-510000-070	277	Blue	100.52

HYDRONIC CONTROL, TEMPERATURE

AQUASTAT®



Immersion-type controllers for limiting or regulating temperatures of liquids in boilers or tanks.

- Contact rating: 5.1 F.L. Amps @ 240 Vac

Honeywell

Part No.	Application	Switch	Temperature Range (°F)	Differential (°F)	Includes	Price
L4006A1009	High/Low Limit	SPST, Open Rise	100 to 240	5, Fixed	1.5" Insulation	Call
L4006A1017	High/Low Limit	SPST, Open Rise	100 to 240	5 to 30	1.5" Insulation	Call
L4006A1132	High/Low Limit	SPST, Open Rise	100 to 240	5, Fixed	3" Insulation	Call
L4006A1678	High/Low Limit	SPST, Open Rise	100 to 240	5 to 30	3" Insulation, Well Adapter	245.70
L4006A1959*	High/Low Limit	SPST, Open Rise	40 to 180	2, Fixed	1.5" Insulation, Well Adapter	Call
L4006E1067	High Limit	SPST, Open Rise	110 to 270	Manual Reset	3" Insulation, Well Adapter	358.23
L4006H1004	High Limit	SPST, Open Rise	100 to 240	Manual Reset	Strap On, Well Adapter	371.44
L6006A1145	Circulator, High/Low Limit	SPDT	100 to 240	5 to 30	3" Insulation, Well Adapter	258.14
L6006C1018	Circulator, High/Low Limit	SPDT	65 to 200	5 to 30	Strap On, Well Adapter	236.62

*1.3 Full Load Amps @ 240 Vac

AQUASTAT® REMOTE BULB



For limiting or regulating temperature of liquids in boilers or tanks. Can also sense outside or duct air temperature.

- Contact rating: 5.1 F.L. Amps @ 240 Vac

Honeywell

Part No.	Application	Switch	Temperature Range (°F)	Differential (°F)	Includes	Price
L4008A1015	High/Low Limit	SPST, Open Rise	100 to 240	5 to 30	5 1/2' Capillary	304.99
L4008A1130	High/Low Limit	SPST, Open Rise	130 to 270	5 to 30	10' Capillary	Call
L4008B1013	Circulator	SPST, Open Rise	100 to 240	5 to 30	5 1/2' Capillary	Call
L4008E1156	High Limit	SPST, Open Rise	130 to 270	Manual Reset	5 1/2' Capillary	325.50
L6008A1192	Circulator, Low Limit	SPDT	100 to 240	5 to 30	5 1/2' Capillary	419.06

HYDRONIC CONTROL, TEMPERATURE

AQUASTAT®, MULTIPLE



High limit, low limit and/or circulator controllers used to regulate boiler water temperature in gas- or oil-fired hydronic heating systems.

- Contact rating: 5.1 amps @ 240 Vac
- Operating range:
  High limit: 130–240°F
  Differential: 10°F, fixed
  Low limit/Circulator: 110–220°F
  Differential: 10–25°F

Honeywell

Part No.	Application	Switch	Price
L4081A1023	High/Low Limit	2-SPST	458.71

AQUASTAT®, MULTIPLE, L8100 SERIES



Immersion-type controller for regulating and limiting the tank temperature in water heaters.

- Regulates temperature and provides energy cutoff (ECO) action on a temperature rise past the set point. Includes a second sensing element that senses average water temperature to minimize stacking.
- Operating range: 100–180°F
- Differential controller: 5°F, fixed
- ECO: 20°F, fixed
- Contact rating: 2 amps @ 24V

Part No.	Switch	Capillary Length (In.)	Price
L8100B1037	SPST, Opens on Rise	42	Call
L8100B1128	SPST, Opens on Rise	39	Call

AQUASTAT®, TRIPLE



Immersion-type controllers that combine high limit protection with low limit and circulator control in forced hydronic heating systems, including domestic hot water service.

- Provides multizone control by using a separate circulator and R845 Relay for each zone
- Units with well adapter less well
- Operating range:
  High limit: 130–240°F
  Differential: 10°F, fixed
  Low limit/Circulator: 110–220°F
  Differential: 10–25°F
- Contact rating—Circulator: 3.7 F.L. Amp @ 240 Vac

Honeywell

Part No.	Application	Burner Voltage	Mounting	Insulation Depth (In.)	Includes	Price
L8124A1007	Multizone Capable	120	Vertical	1 1/2	3" Insertion Well	550.40
L8124A1015	Multizone Capable	120	Vertical	3	3" Insertion Well	Call
L8124E1016	Multizone Capable	24	Vertical/Horizontal	1 1/2	Universal Element, Well Adapter	579.82
L8124G1020	Multizone Capable	120	Vertical/Horizontal	1 1/2	Universal Element, Well Adapter	597.67
L8124L1011	Multizone Capable	120	Vertical/Horizontal	3	Universal Element, Well Adapter	585.63

ELECTRONIC OIL AQUASTAT® CONTROLLER



120 Vac Oil Electronic Aquastat® Controller with Enviracom communication and troubleshooting Leds.
Provides electronic temperature sensing in a UL limit-rated controller with a single sensing probe. The L7224U controls the circulator, oil burner and boiler temperature. It replaces the L8124A, L8124C, L7124U, L7148A, L7248A,C, L7224A,C, and L8148A Controllers. The Aquastat Controller is intended for use in residential type applications. It provides status and diagnostic information through an LED display combined with LED lights to enhance the diagnostic process.
Operating range: High limit: 130—240°F
Low limit: 110—220°F

Honeywell

Part No.	Differential (°F)	Height (In.)	Width (In.)	Depth (In.)	Includes	Mounting	Price
L7224U1002	High Limit: 5 to 20 adj.	7 1/8	4 1/4	2 5/8	-	Well mount, horizontal or vertical position, or flush mounted remote from the well	376.22

HYDRONIC CONTROL, TEMPERATURE

AQUASTAT® RELAY



Immersion-type controllers that combine high limit protection with switching relay control of burner and circulator motors.

- Horizontal and vertical mounting
- Includes well adapter, heat conductive compound
- Contact rating: 5.1 amps @ 240 Vac

Honeywell

Part No.	Burner Circuit	Mounting	High Limit (°F)	Price
L8148A1017	Line Voltage	Horizontal	120 to 240	413.62
L8148E1265	Low Voltage	Vertical	180 to 240	538.25
L8148E1299	Low Voltage	Vertical	120 to 240	Call
L8148J1009	Low, mV Voltage	Horizontal and vertical	120 to 240	486.08

HOT WATER, WELL IMMERSION



- Hot water control for hot water boilers
- Furnished with well assembly for 1/2" NPT

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Capillary Length (Ft.)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240 Vac)	Price
A19ABC11	SPDT	100 to 240	6 to 24	Flush	250	6.0	171.09
A19ABC12	SPDT	100 to 240	6 to 24	8	290	6.0	191.01

HOT WATER, STRAP-ON



- Strap-on, surface type hot water control
- Automatic changeover control for fan coil systems

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Max. Bulb Temp. (°F)	F.L. Amps (@ 240 Vac)	Price
A19DAC1	SPDT	100 to 240	10, Fixed	250	6.0	142.71

HOT WATER, STRAP ON



- Attach directly to surface of pipe
- Strap-on eliminates need for tapping of boiler or draining system
- Sensing element has twice the contact area of competitve models

White Rodgers EMERSON Climate Technologies

Part No.	Range (°F)	Differential (°F)	Switch	F.L. Amps (@ 240 Vac)	Price
11B021	100 to 240	10, Fixed	SPST, Open Rise	6.0	Call
11272	100 to 240	10, Fixed	SPDT	3.7	8.30

HOT WATER, WELL IMMERSION, FIXED ADAPTER



Types for use as high limit, reverse action or SPDT switching action; may be mounted either horizontal or vertical.

- With 7/16 to 2 7/16" bulb. All include 1/2" standard shank well.

White Rodgers EMERSON Climate Technologies

Part No.	Range (°F)	Differential (°F)	Switch	F.L. Amps (@ 240 Vac)	Price
11B05101	100 to 240	5 to 45	SPST, Close Rise	7.0	Call
11B18101	100 to 240	5 to 45	SPST, Open Rise	6.0	Call
11B18153	35 to 110	2, Fixed	SPST, Open Rise	6.0	Call
1131102	100 to 240	7 to 45	SPDT	3.7	Call

HYDRONIC CONTROL, TEMPERATURE

FAST RESPONSE DIRECT



- Control has thermal element immersed directly in the water for use as a high limit and/or operating control.
- Use as a high limit, low limit, circulator control or combination low limit and circulator control.
- Specially designed hydraulic action element for fast response to temperature change.
- Bulb extension: 11 3/16" beyond threads
- Thread size: 1/2 in.
- Contact rating: 6.0 F.L. Amp @ 240 Vac

White Rodgers EMERSON Climate Technologies

Part No.	Range (°F)	Differential (°F)	Switch	Price
114533	100 to 240	5 to 45	SPST, Open Rise	Call

VALVE, HYDRONIC CONTROL

ZONE, LINE VOLTAGE



On/off and diverting line voltage valves consist of an actuator motor and valve assembly for controlling the flow of hot or chilled water and some models for steam.

- Manual opener (on all models, except straight through, normally open valves) for valve operation on power failure; valve returns to automatic position when power is restored
- All models may be installed without disassembling the valve
- Complete powerhead may be removed or replaced without breaking line connections or draining the system

Honeywell

Part No.	Pattern	De-energized Position	Capacity (CV)	Connection (In.)		Voltage	Price
				Size	Type		
V4043A1002	Straight-Thru	Normally Closed	3.5	1/2	Flare	120	Call
V4043A1010	Straight-Thru	Normally Closed	3.5	1/2	Sweat	120	192.61
V4043A1259	Straight-Thru	Normally Closed	8.0	3/4	Sweat	120	213.14
V4043A1697	Straight-Thru	Normally Closed	10.0	1	NPT	120	Call
V4043B1018	Straight-Thru	Normally Open	3.5	1/2	Sweat	120	Call
V4043B1059	Straight-Thru	Normally Open	3.5	1/2	Sweat	240	Call
V4043E1003*	Straight-Thru	Normally Closed	3.5	1/2	Sweat	120	Call
V4044A1019	2-Position Diverting	Port A Normally Closed	4.0	1/2	Sweat	120	208.59
V4044A1050	2-Position Diverting	Port A Normally Closed	4.0	1/2	Sweat	240	Call
V4044A1191	2-Position Diverting	Port A Normally Closed	7.0	3/4	Sweat	120	Call
V4044B1017**	2-Position Diverting	Port A Normally Closed	4.0	1/2	Sweat	120	258.38

*Steam only **Bottom inlet, includes integral Aquastat®

VALVE, HYDRONIC CONTROL

ZONE, LOW VOLTAGE



Control voltage: 24 Vac.

Honeywell

Part No.	Pattern	De-energized Position	Capacity (Cv)	Connection (In.)	End Switch	Price
V8043A1011	Straight-Thru	Normally Closed	3.5	1/2 Sweat	—	Call
V8043A1029	Straight-Thru	Normally Closed	3.5	3/4 Sweat	—	178.46
V8043B1076	Straight-Thru	Normally Open	3.5	3/4 NPT	—	Call
V8043E1004	Straight-Thru	Normally Closed	3.5	1/2 Sweat	Yes	Call
V8043E1012	Straight-Thru	Normally Closed	3.5	3/4 Sweat	Yes	187.97
V8043E1020	Straight-Thru	Normally Closed	3.5	1 Sweat	Yes	Call
V8043E1061	Straight-Thru	Normally Closed	8.0	3/4 Sweat	Yes	Call
V8043F1028	Straight-Thru	Normally Closed	3.5	1/2 Sweat	Yes	211.77
V8043F1036	Straight-Thru	Normally Closed	3.5	3/4 Sweat	Yes	203.73
V8043F1051	Straight-Thru	Normally Closed	3.5	1 Sweat	Yes	231.98
V8043J1029*	Straight-Thru	Normally Open	–	1/2 NPT	—	Call
V8044A1002	2-Position Diverting	Port A Normally Closed	4.0	1/2 Flare	—	Call
V8044A1010	2-Position Diverting	Port A Normally Closed	4.0	1/2 Sweat	—	201.33
V8044A1044	2-Position Diverting	Port A Normally Closed	7.0	3/4 Sweat	—	222.12
V8044A1135	2-Position Diverting	Port A Normally Closed	4.0	1/2 NPT	—	214.68
V8044E1003	2-Position Diverting	Port A Normally Closed	4.0	1/2 Sweat	Yes	218.47
V8044E1011	2-Position Diverting	Port A Normally Closed	7.0	3/4 Sweat	Yes	230.70

*Steam only

ZONE, LOW VOLTAGE.



- Control voltage: 24 Vac.
- Install without disassembly, compact construction for easy installation
- Manual opener

Honeywell

Part No.	Pattern	De-energized Position	Capacity (Cv)	Connection (In.)	End Switch	Price
V8043E5012	Straight-Thru	Normally Closed	3.5	3/4 Sweat	Yes	Call
V8043E5020	Straight-Thru	Normally Closed	3.5	1 Sweat	Yes	Call

VALVE, HYDRONIC CONTROL

LINEAR WATER

Controls hot and/or chilled water for VAV terminal units, fan coil units, small reheaters and recoolers in electric/electronic temperature control systems. Used with the M6410 (non spring return)/M6435 (spring return) small individual room controller 3-position floating electronic linear valve actuator or M7410 (non spring return)/M7435 (spring return) selectable 0 to 10 Vdc or 2 to 10 Vdc electronic actuator, or MP958 (2000 series valves only) pneumatic valve actuator.

- Larger valves (1 to 1-1/2") are pressure balanced, which results in higher close-off pressures.
- Long stroke allows wider range of control.
- Soft valve seat provides low leakage rate.
- Inserts for 1/2 and 3/4" valves are changeable without draining valve when used with an insert replacement tool.
- Brass body, seat, cartridge, stainless steel stem.
- Threaded plastic cover/manual handle allows manual operation.
- Easily installed in areas where space is limited.
- 1/2, 3/4" valves equal percentage flow, 1 to 1 1/2" valves linear flow

2 WAY, CARTRIDGE GLOBE, WATER



Honeywell
THE POWER OF CONNECTED

Part No.	Connection (In.) Size (Nom.)	Type	Capacity	Price
V5852A2007	1/2	Sweat	0.19	Call
V5852A2015	1/2	Sweat	0.29	Call
V5852A2023	1/2	Sweat	0.47	Call
V5852A2031	1/2	Sweat	0.74	Call
V5852A2049	1/2	Sweat	1.2	Call
V5852A2056	1/2	Sweat	1.9	Call
V5852A2064	3/4	Sweat	2.9	Call
V5852A2072	3/4	Sweat	4.9	Call

2 WAY, CARTRIDGE GLOBE, FPT



Honeywell
THE POWER OF CONNECTED

Part No.	Connection (In.) Size (Nom.)	Type	Flow (Cv)	Price
V5862A2005	1/2	FPT	0.19	Call
V5862A2013	1/2	FPT	0.29	Call
V5862A2021	1/2	FPT	0.47	Call
V5862A2039	1/2	FPT	0.74	Call
V5862A2047	1/2	FPT	1.2	68.62
V5862A2054	1/2	FPT	1.9	Call
V5862A2062	3/4	FPT	2.9	Call
V5862A2070	3/4	FPT	4.9	Call
V5862A3003	1	FPT	5.5	Call
V5862A3011	1	FPT	7.8	Call
V5862A3029	1	FPT	11	Call
V5862A3037	1-1/4	FPT	18	Call
V5862A3045	1-1/2	FPT	25	Call

3 WAY, CARTRIDGE GLOBE, WATER



Honeywell
THE POWER OF CONNECTED

Part No.	Connection (In.) Size (Nom.)	Type	Flow (Cv)	Price
V5853A2006	1/2	Sweat	0.29	104.54
V5853A2014	1/2	Sweat	0.47	Call
V5853A2022	1/2	Sweat	0.74	104.54
V5853A2030	1/2	Sweat	1.2	Call
V5853A2048	1/2	Sweat	1.9	Call
V5853A2055	3/4	Sweat	2.9	Call
V5853A2063	3/4	Sweat	4.9	Call
V5853A1008	3/4	Sweat	2.9	Call
V5853A1016	3/4	Sweat	4.9	125.02

3 WAY, CARTRIDGE GLOBE, FPT



Honeywell
THE POWER OF CONNECTED

Part No.	Connection (In.) Size (Nom.)	Type	Flow (Cv)	Price
V5863A2004	1/2	FPT	0.29	Call
V5863A2012	1/2	FPT	0.47	Call
V5863A2020	1/2	FPT	0.74	Call
V5863A2038	1/2	FPT	1.2	107.10
V5863A2046	1/2	FPT	1.9	Call
V5863A2053	3/4	FPT	2.9	Call
V5863A2061	3/4	FPT	4.9	Call
V5863A1006	3/4	FPT	2.9	Call
V5863A1014	3/4	FPT	4.9	Call
V5863A3002	1	FPT	5.5	Call
V5863A3010	1	FPT	7.8	Call
V5863A3028	1	FPT	11	Call
V5863A3036	1-1/4	FPT	18	Call
V5863A3044	1-1/2	FPT	25	Call

VALVE, HYDRONIC CONTROL

NSR CARTRIDGE GLOBE VALVE ACTUATOR



Small individual room control (IRC) electric actuators provide floating or modulating control of V5852, V5862 two-way or V5853, V5863 three-way valves.

- Suitable for Excel/IRC system or other controllers providing specified signals
- Magnetic coupling for torque limitation independent of voltage supply and self-adjustment of the closeoff port
- Power supply: 24 Vac
- Timing: 125 seconds

Honeywell
THE POWER OF CONNECTED

	Connection (In.)				
Part No.	Control Mode	Stem Force (Lbf)	Usage	Comments	Price
M6410A1029	SPDT Floating	40.50	1/2, 3/4" Valves	UL94-5V Plenum Rated	187.79
M6410A3017	SPDT Floating	67.50	1 to 1 1/2" Valves	UL94-5V Plenum Rated	Call
M7410F1000	0-10 Vdc, 2-10 Vdc	40.50	1/2, 3/4" Valves	DA/RA	338.55
M7410F3006	0-10 Vdc, 2-10 Vdc	67.50	1 to 1 1/2" Valves	DA/RA	Call

SR CARTRIDGE GLOBE VALVE ACTUATOR



Small Individual Room Control (IRC) Electric Actuators provide floating or modulating control of V5852, V5862 two-way or V5853, V5863 three-way valves.

- Suitable for Excel/IRC system or other controllers providing specified signals.
- Magnetic coupling for torque limitation independent of voltage supply and self-adjustment of the closeoff port.
- No mounting tools required.
- Small size allows installation in limited space of fan coil units, induction units, and small reheaters or recoolers.
- Visual position indication (red pin).

Honeywell
THE POWER OF CONNECTED

Part No.	Control Signal	Feedback	Stem Force (Lbf)	Comments	Use with	Price
M6435A1004	Floating, SPDT	No	40.50	—	1/2 in. and 3/4 in. V58XX Cartridge Globe Valves	Call
M6435A3000	Floating, SPDT	No	90	—	1 to 1 1/2 in. V58XX Cartridge Globe Valves	Call
M7435F1001	0-10 or 2-10 Vdc Modulating	Yes	40.50	Direct/Reverse Acting Switch	1/2 in. and 3/4 in. V58XX Cartridge Globe Valves	Call
M7435F3007	0-10 or 2-10 Vdc Modulating	Yes	90	Direct/Reverse Acting Switch	1 to 1 1/2 in. V58XX Cartridge Globe Valves	Call

Water

Controls central heating and/or cooling systems, fan coil systems, radiators and convectors. Depending on the model selected, it can be controlled by either a low or line voltage spst or spdt or floating controller such as a room thermostat, Aquastat control, or flow switch.

- Pressure ratings—Static: 300 psi Burst: 1,500 psi
- Use with VCXXXXZZ actuator

2-WAY, CARTRIDGE CAGE, WATER



Honeywell
THE POWER OF CONNECTED

	Connection (In.)			
Part No.	Nom. Size	Type	Flow (Cv)	Price
VCZAA1100	1/2	Sweat	3.2	Call
VCZBB1100	1/2	FPT	3.2	Call
VCZAL1100	3/4	FPT	4.7	Call
VCZAM1100	3/4	Sweat	4.6	Call
VCZAR1100	1	FPT	6.6	Call
VCZAS1100	1	Sweat	6.6	Call

HEATING

VALVE, HYDRONIC CONTROL

3-WAY, CARTRIDGE CAGE, WATER



Part No.	Connection (In.) Nom. Size	Type	Flow (Cv)	Price
VCZNB6100	1/2	FPT	3.7	Call
VCZMA6100	1/2	Sweat	3.8	Call
VCZMK6100	3/4	FPT	6.6	Call
VCZML6100	3/4	Sweat	5.9	Call
VCZMR6100	1	FPT	8.6	Call
VCZNE6100	1 1/4	Sweat	9.0	Call

ACTUATOR



- Use with VCZXX1100 and VCZXX6100 valves

Part No.	Voltage (Vac)	Timing (Sec.)	Type Control	Signal	Aux. Switch	Price
VC4011ZZ11	120	6	2-Wire + Com	SPST	No	Call
VC6934ZZ11	24	120	3-Wire	SPDT, Floating	No	Call
VC7934ZZ11	24	120	3-Wire	0-10 Vdc Modulating	No	337.84
VC8114ZZ11	24	6	2-Wire	SPST	No	97.62
VC8714ZZ11	24	6	2-Wire + Com	SPST	Yes	123.00

2 WAY, ZONE



- For zoning hydronic systems up to 50 psi
- 2-wire and 3-wire, 24V valves with screw terminal wiring panel and auxiliary switch
- Maximum water temperature: 240°F, maximum system pressure 50 psi

2 WAY, ZONE, 2-WIRE

Part No.	Nominal Tubing ODF (In.)	Flow (Cv)	Price
1361102	3/4	23.5	Call
1361103	1	37.0	Call
1361104	1-1/4	42.2	Call

2 WAY, ZONE, 3-WIRE

Part No.	Nominal Tubing ODF (In.)	Flow (Cv)	Price
1311102	3/4	23.5	Call
1311103	1	37.0	Call
1311104	1-1/4	42.2	Call

MOTOR, REPLACEMENT



- Replacement motor for "C" Series classic zone valve

Part No.	Voltage	Price
30118B	120	88.00
30118U	230	102.00

ERIE POPTOP™





The new Erie PopTop™ actuator is specifically designed for use with Erie's new valve body. The valve actuator can be installed after the valve body is installed onto the fan coil, radiation or air handler. The PopTop™ features the reliable synchronous motor driven spring return operation proven in millions of Erie valves. The PopTop™ actuator mounts directly onto the body quickly and easily without the need for linkages and calibration.

2 WAY, ZONE

Part No.	Connection (In.) Nom. Size	Type	Flow (Cv)	Price
VT2212	1/2	Sweat	2.5	58.00
VT2213	1/2	Sweat	3.5	58.00
VT2222	1/2	FPT	2.5	Call
VT2223	1/2	FPT	3.5	Call
VT2313	3/4	Sweat	3.5	Call
VT2315	3/4	Sweat	5	Call
VT2317	3/4	Sweat	7	Call
VT2323	3/4	FPT	3.5	Call
VT2325	3/4	FPT	5	Call
VT2327	3/4	FPT	7	Call
VT2415	1	Sweat	5	Call
VT2417	1	Sweat	7	Call
VT2427	1	FPT	8	Call

VALVE, HYDRONIC CONTROL

ERIE POPTOP™

2 WAY, ZONE, MODULATING

Part No.	Nom. Size	Type	Flow (Cv)	Price
VM2213	1/2	Sweat	4	Call
VM2223	1/2	FPT	4	80.00
VM2313	3/4	Sweat	4	Call
VM2323	3/4	FPT	4	Call

3 WAY, ZONE

	Connection (In.)			
Part No.	Nom. Size	Type	Flow (Cv)	Price
VT3212	1/2	Sweat	3	Call
VT3213	1/2	Sweat	4	73.00
VT3222	1/2	FPT	3	79.00
VT3223	1/2	FPT	4	30.80
VT3313	3/4	Sweat	4	94.00
VT3315	3/4	Sweat	5	Call
VT3317	3/4	Sweat	7	Call
VT3323	3/4	FPT	4	Call
VT3325	3/4	FPT	5	Call
VT3327	3/4	FPT	7	Call
VT3342	3/4	IFL1	3	Call
VT3415	1	Sweat	5	Call
VT3417	1	Sweat	7	Call
VT3427	1	FPT	7.5	Call

3 WAY, ZONE, MODULATING

	Connection (In.)			
Part No.	Nom. Size	Type	Flow (Cv)	Price
VM3213	1/2	Sweat	4	Call
VM3223	1/2	FPT	4	Call
VM3313	3/4	Sweat	4	Call
VM3323	3/4	FPT	4	Call

ACTUATOR, 2 POSITION, VT SERIES



Spring return actuators for VT2xxx and VT3xxx series valves.

Part No.	Application	Voltage	Price
AG13B020	Normally Closed	120	115.00
AG13A020	Normally Closed	24	115.00
AG13A02A	Normally Closed (End Switch)	24	122.00
AG13T020	Normally Closed	277	Call
AG13U020	Normally Closed	230	125.00
AG23B020	Normally Open	120	Call
AG23A020	Normally Open	24	123.00

ACTUATOR, MODULATING, VM SERIES



Spring return actuators for VM2xxx and VM3xxx series valves.

- 0 to 10 Vdc or 4 to 20 mA output.
- Magnetic clutch to maximize motor life and gear train
- Manual overide
- Position indicator

Part No.	Application	Voltage	Price
AP13A000	Spring Return, Normally Closed	24	370.00
AP23A000	Spring Return, Normally Open	24	Call
AP33A000	Non Spring Return	24	213.00

2-WAY, UNION STRAIGHTWAY, MPT X FPT

2 way globe valve, union end, pneumatic actuator

- ANSI Pressure class: 250 psig
- Maximum steam inlet: 35 psig
- Medium temperature range (°F): 20 to 281

Part No.	Connection Size (In.)	Flow (Cv)	Price
VK7221203404	1/2	4.4	Call
VK7221203406	3/4	7.5	Call

ZONE VALVE



Taco zone valves permit accurate temperature control of individual rooms or groups of rooms in residences or commercial buildings which are heated or cooled hydronically. Beryllium copper metal bellows separate system water from the atmosphere for positive and leakproof operation. Exclusive heat motor functions silently. Saves energy; heat motor is not constantly energized while the valve is open.

- 555050: replacement actuator for all valves

Part No.	Nominal Size (In.)	Length (In.)	Shipping Weight (Lbs.)	Price
570	1/2	3-1/8	2.25	9.12
571	3/4	3-3/8	2.25	9.20
572	1	3-5/8	2.25	190.00
573	1-1/4	3-7/8	2.25	9.60

HEATING

SWITCHING RELAY

UNIVERSAL



The R8845U Universal Switching Relay with 24V controller provides intermediate switching of line- and low-voltage devices from a line- or lowvoltage controller.

- Replaceable, socketed relays
- Two troubleshooting LEDs
- Push-to-test button
- Relays can be used with external 24 Vac or 24 Vdc supply, linevoltage control, or with internal 24V transformer

Honeywell

Part No.	Description	Price
R8845U1003	Switching Relay	145.40

OIL BURNER CONTROL

AQUASTAT, PRIMARY



Immersion type Aquastat® controller and oil burner primary control provides high limit and low limit/circulator control for oil-fired hydronic heating systems.

- Control range—High limit SPST: 130–240°F Differential: 10°F, fixed Low limit, circulator SPDT: 110–220°F Differential: 10–25°F
- 20 Vac

Honeywell

Part No.	Insulation Depth (In.)	Spud Size (In.)	Capillary Length (Ft.)	Includes	Price
R8182D1079	1-1/2	3/4	None	Well Adapter, Vertical Case	1446.34
R8182D1111	1-1/2	3/4	None	Well Adapter, Vertical Case	1446.34
R8182H1070	1-1/2	3/4	5	Horiz. Case	Call

ELECTRONIC DIGITAL OIL PRIMARY



The R7284 Electronic Oil Primary is a line voltage, safety rated, interrupted and intermittent ignition oil primary control for residential oil fired burners used in boilers, forced air furnaces and water heaters. Used with a cad cell flame sensor, it operates an oil burner, spark igniter, and optional oil valve. The control works with a low voltage and optional high voltage thermostat. The primary controls fuel oil, senses flame, controls ignition spark (either interrupted or intermittent) and notifies through the EnviraCOM™ bus a remote alarm circuit when in lockout. Can be used with both hydronic and forced air systems.

Honeywell

Part No.	Timing Safety Switch (Sec.)	Diagnostics Display	F.L. Amps (@ 240 Vac)	Price
R7284U1004	Settable 15, 30 or 45	2 Line LCD Display	3.7	169.51
R7284B1024	15	Using LED only	3.7	136.76

PRIMARY



Replaces intermittent ignition Kwik- Sensor cad cell relays on oil burner systems with 15, 30 or 45 second safety timing. Certain types have unique signal-lite feature which glows whenever safety lockout occurs.

White Rodgers EMERSON Climate Technologies

Part No.	Timing Safety (Sec)	Thermostat Type	Safety Lockout Light	Manual Lockout Lever	Price
668430	45	2- or 3-Wire	Yes	Yes	Call

PROTECTORELAY™, LOW VOLTAGE



Operates the oil burner and oil valve (if desired) in response to a call for heat from a low voltage control circuit.

- Includes transformer
- Primary voltage: 120 Vac
- Secondary voltage: 26.5V
- Contacts: 3.7 F.L. Amp @ 240 Vac

Honeywell

Part No.	Timing Safety Switch (Sec.)	Price
R8184M1051	45	351.82

HEATING

OIL BURNER CONTROL

PROTECTORELAY™/PYROSTAT



One-piece, stack-mounted oil burner primary controls that cycle the burner on and shut down the burner on flame loss or system malfunction.

- Manual reset of safety switch required after ignition failure completely shuts off main burner
- Includes manual trip safety switch to assure burner shutdown during servicing
- Input voltage: 120V
- Contact rating: 3.7 F.L. Amp @ 240 Vac

Honeywell

Part No.	Ignition Type	Ignition Rating (Vac)	Price
RA116A1055	Intermittent	360	634.25
RA117A1047	Interrupted	550	665.98

FLAME DETECTOR



Solid state electronic flame detector which uses light intensity to sense the presence of a flame in oil burning heating equipment

- Cadmium sulfide type

White Rodgers EMERSON Climate Technologies

Part No.	Lead Length (In.)	Description	Price
956154	60	Universal, 6 Brackets	Call

Honeywell



Photoconductive flame sensing device for sequencing oil burner systems.

- On flame failure, the light sensitive cadmium sulfide cell, in conjunction with flame sensing circuitry, causes the Protecto-relay control to shutdown the main oil burner
- Use with oil primary controls, i.e.: R4166, R4184, R8182, R8184, R8185 and R8404

Honeywell

Part No.	Description	Price
C554A1463	Flame Detector, 5 Bracket Styles	46.35

VALVE, MAGNETIC SOLENOID



For on/off control of oil flow to domestic oil burner equipment.

- Connection: 1/8" FPT
- Capacity: 5–35 GPH

Honeywell

Part No.	Pressure Range (psi)	Orife Size (In.)	Voltage	Price
V4046A1074	300	.043	120	210.61
V4046B1007	150	.078	120	Call
V4046B1049	300	.043	120	198.36

TESTER

PROGRAMMER



Provides quick operational check of most Honeywell BC7000, R4140 and R4150 programmers It will operationally check the R7795 if used with 198355A adapter.

Honeywell

Part No.	Description	Price
FSP5004	Programmer Tester	Call

PRIMARY CONTROL



Provides quick operational check of most Honeywell RA890 or R4795 non-programming primary controls.

Honeywell

Part No.	Description	Price
FSP1535	Primary Tester	Call

FLAME CONTROL

PURGE TIMER, R4795 SERIES



Plug-in timer for use with R4795A primary control.

Honeywell

Part No.	Timing (Sec.)	Price
ST71A1000	7—for Oil	387.31
ST71A1018	30	387.31

FLAME CONTROL

AMPLIFIER, BURNER CONTROL SYSTEM



Solid state plug-in units respond to flame detector signal and indicate presence of flame.

- Use with BC7000; R4140; R4075C, D, E; R4138C, D flame safeguard controls and appropriate flame detector and FSP5075A1, FSP5075A3 flame amplifier modules.
- Flame failure response time: 2–4 seconds

Honeywell

Part No.	Type	Color	Self Checking	Type Fuel	Use With	Price
R7247B1003	Rectification	Green	Dynamic Ampli-check	Gas	Rectifying Flame Rod	Call
R7248A1004	Infrared	Red	No	Gas, Oil, Coal	Infrared (Lead Sulfide)	5157.32

PROTECTORELAY™ PRIMARY, RECTIFICATION



Primary control provides solid state, electronic flame safeguard protection for industrial and commercial single or dual fuel burners.

- 3 second response time recommended for non-recycling ignition cutoff service, except where noted.
- Uses rectification principle of electronic flame detection.
- Relights once after flame failure in attempt to reestablish pilot before lockout. Safe-start check prevents start-up if flame-simulating failure occurs in flame detector circuit.
- Includes built-in protection against ignition crossover in flame rod systems.

Honeywell

Part No.	Supply Voltage (Vac)	Safety Switch Timing (Sec.)	Flame Failure Response (Sec.)	Price
RA890F1270	120	15	0.8	4268.60
RA890F1288	120	15	3.0	4336.92
RA890F1338	120	30	0.8	4908.89
RA890F1346	120	30	3.0	4987.46
RA890F1478*	120	15	0.8	Call

*Fast response on controller demand

PROTECTORELAY™ PRIMARY, UV INTERMITTEMT



Primary control provides solid state, electronic flame safeguard protection for industrial and commercial single or dual fuel burners.

- Designed for interrupted ignition with intermittent pilot on gas burners, and interrupted or intermittent ignition on oil burners.
- Use with a C7027, C7035 or C7044 minipeeper ultraviolet flame detector for flame sensing.
- Relights once after flame failure in attempt to re-establish pilot before lockout.

Honeywell

Part No.	Supply Voltage (Vac)	Safety Switch Timing (Sec.)	Flame Failure Response (Sec.)	Price
RA890G1229	120	15	0.8	Call
RA890G1260	120	15	3.0	4336.82

FLAME CONTROL, 7100 SERIES

PROGRAMMER



Microprocessor-based integrated burner control for automatically fired gas, oil, coal or combination fuel single burner applications. Provides safety, functional capability and features beyond conventional controls. Uses existing subbase for easier installation

- Functions include automatic burner sequencing, flame supervision, system status indication, system or self-diagnostics and trouble-shooting.
- Requires ST7800 purge timer and appropriate R787xx amplifier to complete the replacement
- Purge time determined by card selected

Honeywell

Part No.	Replaces	Price
R7140G1000	R4140G w/ preignition interlocks	6033.34
R7140G2008	BC7000L, PM720G, R4140G w/ start interlocks	6033.34
R7140L1009	R4140L	7554.66
R7140L2007	BC7000L; PM720L	7554.66
R7140M1007	BC7000L; PM720L	5315.91

PROGRAMMER



Microprocessor-based integrated burner controls. It is a plug in replacement of Fireye M series using existing Fireye wiring subbase

- Functions provided by the R7120M include automatic burner sequencing, flame supervision, system status indication, system or self-diagnostics and troubleshooting.
- Require ST7800 Purge Timer and appropriate R78XX Amplifier to complete the replacement.
- PrePurge: Determined by ST7800A Purge Timer Card
- PostPurge: programmed with S7800A1142 display
- 4 or 10 second pilot flame establishing period
- Only available in NJ / Eastern-Southern NY. Call 914-592-5555 to order.

Honeywell

Part No.	Replaces	Description	Price
R7120M1001	Fireye M Intermittent	Burner Control Module, Intermittent	Call
R7120M1019	Fireye M Interrupted	Burner Control Module, Interrupted	Call

FLAME CONTROL, 7800 SERIES

AUTOMATIC PRIMARY RELAY MODULE



Microprocessor-based integrated full-function primary burner control for automatically fired gas, oil, or combination fuel single burner applications. Provides level of safety, functional capability and features beyond conventional controls.

- Only available in NJ, DE, Eastern-Southern NY/PA.

Honeywell

Part No.	Initiate Time (Sec.)	Standby Time	Pilot Flame Establishing Period (Sec.)	Run	Comments	Price
RM7890A1015	10	Infinite	4, 10, 30	Infinite	Replaces RA890F, G, H	877.15
RM7890A1031	10	Infinite	30 Fixed	Infinite	Replaces RA890F, G, H	Call
RM7890A1056	10	Infinite	4, 10	Infinite	Includes Programmable Valve Proving Switch Check Feature and and Blinking LED Fault Annunciation	Call

FLAME CONTROL, 7800 SERIES

FULL FUNCTION PRIMARY



Microprocessor-based integrated full-function primary burner control for automatically fired gas, oil, or combination fuel single burner applications. Provides level of safety, functional capability and features beyond conventional controls.

- Only available in NJ, DE, Eastern-Southern NY/PA.

Honeywell

Part No.	Type	Replaces	Initiate	Standby	Purge	Flame Establishing Period		Airflow Switch Check (AFSC)	Main Valve (DMV)	Price
						Pilot	Main			
RM7895A1014	Intermittent w/o AFSC	R7795A, B	10 sec.	1	2	4 or 10 sec.	No	No	No	1169.86
RM7895B1013	Intermittent w/AFSC	R7795E, F	10 sec.	1	2	4 or 10 sec.	No	Yes	No	1169.86
RM7895C1012	Interrupted w/o AFSC	R7795C, D	10 sec.	1	2	4 or 10 sec.	10 sec.	No	Yes	1469.83

1. STANDBY and RUN can be an infinite time period.
2. PURGE will be determined by which ST7800A Purge Timer Card is selected.

ON-OFF PRIMARY WITH PRE- AND POST-PURGE



Microprocessor-based integrated full-function primary burner control for automatically fired gas, oil, or combination fuel single burner applications. Provides level of safety, functional capability and features beyond conventional controls.

- Only available in NJ, DE, Eastern-Southern NY/PA.

Honeywell

Part No.	Type	Initiate	Flame Establishing Period		Airflow Switch Check (AFSC)	Main Valve (DMV)	Price
			Pilot	Main			
RM7896A1012	Intermittent	10 sec.	4 or 10 sec.	Intermittent	No	No	Call

ON-OFF PRIMARY WITH SHUTTER DRIVE AND PROGRAMMABLE POST PURGE



Microprocessor-based integrated full-function primary burner control for automatically fired gas, oil, or combination fuel single burner applications. Provides level of safety, functional capability and features beyond conventional controls.

- Includes blinking LED fault annunciation feature
- Only available in NJ, DE, Eastern-Southern NY/PA

Honeywell

Part No.	Type	Pilot Flame Establishing Period (Sec.)	Purge	Price
RM7897A1002	Selectable	4 or 10 sec.	PrePurge Determined by ST7800A Purge Timer Card PostPurge Programmed with S7800A1142 Display (Not Provided)	Call

FLAME CONTROL, 7800 SERIES

WIRING SUBBASE



Burner, panel or wall mount sub bases for 7800 Series relay modules and S7830A expanded annunciator.

- 22 terminals
- Only available in NJ, DE, Eastern-Southern NY/PA.

Honeywell

Part No.	Description	Price
Q7800A1005	Universal—Panel Mount	63.29
Q7800B1003	Universal—Burner, Wall Mount	63.29
Q7800F1004	Adapter—RA890	Call
Q7800F1012	Adapter—R4795	Call

KEYBOARD DISPLAY



Provides current status of burner sequence, timing information, hold information and lockout information, as well as selectable or preemptive messages.

- Only available in NJ / Eastern-Southern NY. Call 914-592-5555 to order.

Honeywell

Part No.	Usage	Description	Price
S7800A1001	RM7800, RM7840, RM7838	Display Module, English	883.25
S7800A1142	RM7800, RM7840, RM7838, RM7890, RM7897, RM7898	Display Module for Valve Proving Setup, English	Call

SIGNAL AMPLIFLIER, PLUG-IN



Solid state plug-in amplifiers that respond to flame detector inputs to indicate the presence of flame when used with 7800 Series relay modules.

- Only available in NJ, DE, Eastern-Southern NY/PA

Honeywell

Part No.	Pilot Type	Flame Failure Response (Sec.)	Type Fuel	Price
R7847A1025	Rectification (Green)	0.8 or 1.0	Gas, Oil	416.23
R7847A1033	Rectification (Green)	2.0 or 3.0	Gas, Oil	416.23
R7848A1008	Infrared (Red)	2.0 or 3.0	Gas, Oil, Coal	781.22
R7848B1006*	Infrared (Red)	2.0 or 3.0	Gas, Oil, Coal	Call
R7849A1015	UV (Purple)	0.8 or 1.0	Gas, Oil	416.23
R7849A1023	UV (Purple)	2.0 or 3.0	Gas, Oil	416.23
R7851B1000	Optical (White), Ampli-Check	2.0 or 3.0	Gas, Oil, Coal	Call
R7851B1018	Optical (White), Ampli-Check	0.8 or 1.0	Gas, Oil, Coal	Call
R7852A1001	Infrared (Red/White)	2.0 or 3.0	Gas, Oil, Coal	Call
R7861A1026	UV (Purple) Dynamic Self-Check	2.0 or 3.0	Gas, Oil, Coal	Call

FIRST-OUT ANNUNCIATOR



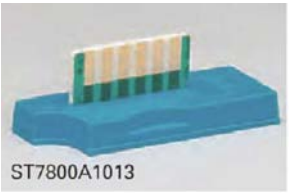
Microprocessor-based expanded annunciator to support the 7800 Series relay modules for first-out annunciation, sequencing, system or self-diagnostics and troubleshooting.

- Front panel LED array-arranged to indicate flow of line-voltage through string of limits, controls and interlocks
- Only available in NJ, DE, Eastern-Southern NY/PA.

Honeywell

Part No.	Description	Price
S7830A1005	Expanded Annunciator	1595.32

PURGE TIMER



Provides prepurge timing for select 7800 Series relay modules.

- Use with RM7800, RM7840, RM7895, RM7838 relay modules
- Only available in NJ, DE, Eastern-Southern NY/PA.

Honeywell

Part No.	Prepurge Timing (Sec.)	Price
ST7800A1013	7	Call
ST7800A1021	10	116.43
ST7800A1039	30	116.43
ST7800A1054	60	116.43
ST7800A1062	90	116.43

GAS/AIR PRESSURE SWITCH

C6097 SERIES



- For use with natural gas, liquid propane (LP) gas, or air.
- Diaphragm-actuated safety-limit switch.
- Surge orifice.
- Integral vent limiter on all models.
- Contact ratings: 3 FLA @ 240 Vac

Honeywell

Part No.	Pressure Range	Differential Pressure	Differential	Action	Switch	Price
C6097A1012	3 to 21 in. wc	2.4 to 4.2 in. wc	Additive	Break on Fall	Manual Reset	256.35
C6097A1038	12 to 60 in. wc	10 to 12 in. wc	Additive	Break on Fall	Manual Reset	Call
C6097A1053	3 to 21 in. wc	0.24 to 0.48 in. wc	Additive	Break on Fall	Auto Recycle	204.71
C6097B1002	12 to 60 in. wc	10 to 12 in. wc	Subtractive	Break on Rise	Manual Reset	Call
C6097B1028	3 to 21 in. wc	2.4 to 4.2 in. wc	Subtrative	Break on Rise	Manual Reset	252.74

GAS/AIR PRESSURE SWITCH

C437 2000 SERIES



Pressure actuated switching device used in industrial gas system applications for safety shutoff, pressure control, and differential pressure control. MicroSwitch™ snap switches to open or close a circuit on pressure rise or drop.

- Pipe Connections
  High Pressure: 1/2 in. NPT internal thread
  Low pressure: 1/8 in. NPT internal thread
- 240 Vac: 5.1 AFL, 5.0 A resistive
- SPST switch, non-mercury
- Manual Reset

Honeywell
THE POWER OF CONNECTED

Part No.	Pressure Range	Maximum Sustained Pressure	Differential	Switch	Price
C437D2003	1 to 26 in. wc	5.0 psi	1 3/4 in. wc	Break on Rise	508.68
C437D2011	1/2 to 5 psi	15.0 psi	1/2 psi	Break on Rise	508.68
C437D2029	1 to 10 psi	30.0 psi	1 psi	Break on Rise	Call
C437E2002	1 to 26 in. wc	5.0 psi	1 3/4 in. wc	Break on Fall	508.68
C437E2010	1/2 to 5 psi	15.0 psi	1/2 psi	Break on Fall	508.68
C437E2028	1 to 10 psi	30.0 psi	1 psi	Break on Fall	Call
C437E2036	0.5 to 5.5 in. wc	3.0 psi	0.25 in. wc	Break on Fall	Call

FLAME SENSOR

FLAME ROD HOLDER



Used to apply flame rod in gas-fired system controlled by rectification-type flame safeguard control.

- Use with pressurized fire boxes

Honeywell
THE POWER OF CONNECTED

Part No.	Mount	Application	Price
C7007A1001	1/2" MPT	Gas Pilot or Gas-Ignited Oil	Call

FLAME ROD AND HOLDER, 1/8" NPT



Subminiature "spark plug" type flame rod holder with flame rod.

- Use on industrial flame-retention gas burner nozzles
- Works with Honeywell flame safeguard controls requiring rectification- type flame detector
- Mounting: 1/8" NPT male

Honeywell
THE POWER OF CONNECTED

Part No.	Length (In.)	Price
C7009A1025	12	253.38

FLAME ROD AND HOLDER, 1/4" NPT



Miniature "spark plug" type flame rod holder with threaded base, snap-on cover and Kanthal A-1 flame rod.

- Use with Honeywell flame safeguard controls requiring rectification-type flame detection
- Comes in several different lengths and can be cut to exact desired length.
- Mounting: 1/4" NPT male

Honeywell
THE POWER OF CONNECTED

Part No.	Length (In.)	Price
C7008A1174	12	Call
C7008A1182	24	Call

DYNAMIC UV



Dynamic self-checking flame detector used with R7861 Dynamic Self-check Amplifiers for sensing the ultraviolet radiation generated by the combustion of gas, oil, or other fuels.

- Can be mounted horizontally, vertically or at any angle in between.
- Field replaceable ultraviolet sensing tube and quartz viewing window.
- Two detectors may be wired in parallel to reduce nuisance shutdowns in difficult flame sighting applications.
- Protective heat block built into mounting flange

Honeywell
THE POWER OF CONNECTED

Part No.	Mount	Application	Use With	Price
C7061A1012	3/4" FPT	Gas, Oil	R7861 Amplifier	Call

FLAME DETECTOR

PURPLE PEEPER® ULTRAVIOLET



Solid state electronic flame detectors for use with Honeywell flame safeguard controls and amplifiers. Sense ultraviolet radiation produced by combustion of gas, oil, coal or other fuels.
Use with Honeywell rectification-type flame safeguard controls EXCEPT Dynamic Self Check Models©. Dynamic Self Check controls are R4075C, D, E; R4138C, D; R4140, BC7000 with R7247C amplifier, BCS7700 with R7747C amplifier or 7800 series with R7847C amplifier.

- Enclosure meets NEMA 4 standards

Honeywell
THE POWER OF CONNECTED

Part No.	Power Supply (Vac)	Pipe Mounting Size	Price
C7012A1145	120	3/4" FPT	3159.61

FLAME DETECTOR

MINIPEEPER ULTRAVIOLET



Compact flame detector for use with flame safeguard controls with ultraviolet amplifiers.

- Mounts on a 1/2" sighting pipe by using an integral collar
- Lead wire length: 6'
- Ambient temperature: 0 to 215°F
- Ambient temperature for C7027A1031: -40 to 215°F

Honeywell
THE POWER OF CONNECTED

Part No.	Connects	Price
C7027A1023	Romex Connector, Low Temperature	266.70
C7027A1031	1/2" Spud Connector	295.68
C7027A1072	1/2" Spud Connector (Included)	Call
C7027A1049	Romex Connector	266.70
C7027A1080	Heat Block & Bushing, Replace Fireye UV2	Call

COMPACT



Compact flame detector for use with flame safeguard controls with ultraviolet amplifiers.

Honeywell
THE POWER OF CONNECTED

Part No.	Temperature Ambient (°F)	Lead Length (Ft.)	Price
C7035A1031	-40 to 250	1.8	Call

INFRARED



- Used for combination or dual-fuel.
- Detects pilot and main flame.
- Mounts quickly and easily on a standard 3/4 in. sighting pipe.
- The C7915 includes 50019469-001 Bushing with magnifying lens, photoconductive lead sulfide cells 32007255-001, orifice, heat block and reducer bushing
- Used With Flame Amplifiers: R7852

Honeywell
THE POWER OF CONNECTED

Part No.	Use With	Description	Price
C7915A1028	R7852	Infrared Compact Flame Detector	Call

MINIPEEPER® ULTRAVIOLET



Detect the ultraviolet radiation emitted by combustion flames. Used with Honeywell flame safeguard controls to provide flame supervision for gas, oil, or combination gas-oil burners.

- Properly installed the flame detectors are pressure rated for 5 psi.
- Flame detector is used with only the R7851B Flame Amplifier and the 7800 SERIES controls.
- Has an integral collar threaded (internal 1/2-14 NPSM) for mounting on a one-half inch sight pipe.

Honeywell
THE POWER OF CONNECTED

Part No.	Use With	Description	Price
C7927A1016	R7851B	Ultraviolet Solid State Flame Detector	Call

PURPLE PEEPER®ULTRAVIOLET



Detects the visible light emitted by fuel oil combustion flames. The C7962B Detector is used with Honeywell Flame Safeguard controls to provide fuel oil flame supervision in commercial and industrial burners.

- Used with 7800 SERIES Flame Safeguard controls; R7851B flame amplifier
- Has an integral collar threaded (internal 1/2-14 NPSM) for mounting on 1/2 inch sight pipe.
- Application: Commercial, industrial oil burners

Honeywell
THE POWER OF CONNECTED

Part No.	Use With	Description	Price
C7962B1002	R7851B	Visible Light Detector	Call

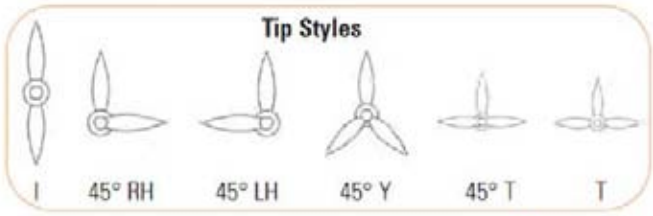
GAS PILOT

FLAME RECTIFIER



Combination rectifying flame rod and pilot burner for use with suitable electronic relay on industrial or commercial gas burners or gas pilotignited oil burners.

- Primary-aerated type burner is equipped with stainless steel fins to stabilize flame and provide correct flame rod area to ground area ratio for maximum flame current.



Honeywell
THE POWER OF CONNECTED

Part No.	Tip Style	Price
Q179A1001	I	Call
Q179A1035	45° RH	Call
Q179A1050	T	Call
Q179A1076	45° Y	Call
Q179A1092	45° T	Call
Q179A1118	45° LH	501.66

MINIATURE



Gas pilot burner assemblies prove pilot flame on industrial or commercial gas burners or gas pilot-ignited oil burners. Combination pilot burner and rectifying flame rod flame detector. With ignition electrode; suitable for use on interrupted or intermittent electrically ignited gas pilot applications. Use with Q624 or other suitable ignition transformer.

Honeywell
THE POWER OF CONNECTED

Part No.	Mounting	Wing Span (In.)	Price
Q179C1009	End	1	Call

VALVE, GAS CONTROL

AUTOMATIC SMALL APPLIANCE



Replacement automatic pilot valve adaptable to small appliances. Gas flows to both main and pilot burners when reset button is depressed. Pilot gas taken from main line within control. The control shuts off both main and pilot gases.

BASO Gas Products LLC

Part No.	Connection FPT (In.)	Pilot (In.)	Capacity BTUH/Hr.	Low Dropout (mA)	Price
H17BB1	1/4	1/8-27 NPT	75,000	50	Call
H17CB3	3/8	1/8-27 NPT	125,000	50	Call
H17DB5	1/2	1/8-27 NPT	200,000	50	Call

AUTOMATIC MANUAL SHUTOFF



Designed for use on appliances such as room heaters, wall furnaces, etc.

- 170,000 BTU/hr. @ 1" DP capacity

BASO Gas Products LLC

Part No.	Connection		Shutoff	Pilot Adjustment	Price
	Main FPT (In.)	Pilot (In.)			
H43BA2	1/2	1/4 cc	Handle	Yes	Call
H43GA3	1/2	1/4 cc	1/4" Sq. Rod	No	Call

SHUTOFF, L60 SERIES



For use on all gas-fired, standing pilot equipment that requires main burner shutoff when the pilot is extinguished.

- L61LL1 and L62AA5 are not 100% shutoff (suitable for natural gas only)

BASO Gas Products LLC

Part No.	Reset	Shutoff	Switch	F.L. Amps (@ 240V)	Price
L61LL1	Automatic	No	SPDT	4 A, 240 Vac	500.53
L62AA5	Manual	No	SPST	3 A, 250 Vac	207.99
L62GB3	Manual	Yes	SPST	4 A, 250 Vac	213.64

SHUTOFF, H91 SERIES



These valves can be used for all gas-fired appliances with a maximum operating pressure of 1/2 psi.

- H91W connections: 1/4" compression
- Permissible ambient temperature
  -40 to +175°F (-40 to +80°C) CSA
  -40 to +140°F (-40 to +60°C) UL

BASO Gas Products LLC

Part No.	Connection FPT (In.)	Replaces W/R	Voltage	Amps	Electrical Connection	Price
H91DA11	1/2	2509A-254	120	0.05	30" leads	Call
H91DG13	1/2	2509-254	24	0.3	30" leads	Call
H91LG15	3/4	2509-256	24	0.4	30" leads	Call
H91LA2	3/4	2509A-256	120	0.08	30" leads	Call
H91RG1	3/4	—	24	0.3	1/4" male spade	Call
H91RA4	3/4	—	120	0.05	30" leads	Call
H91MG9	1	2509-258	24	0.4	30" leads	Call
H91MA5	1	2509A-258	120	0.4	30" leads	Call
H91WG1	1/4 cc	—	24	0.3	1/4" male spade	177.22

SHUTOFF



Provides on/off control of natural, LP and manufactured gases to pilot burners.

Honeywell
THE POWER OF CONNECTED

Part No.	Pipe Size FPT (In.)	Capacity (CFH)	Voltage	Price
V4046C1005	1/8	20	120 Vac	155.73
V4046C1047	1/4	55	120 Vac	Call
V4046C1054	3/8	67	120 Vac	Call
V8046C1006	1/8	20	24 Vac	Call
V8046C1022	1/4	55	24 Vac	Call
V8046C1030	3/8	67	24 Vac	Call

SHUTOFF, NORMALLY CLOSED



V4295/V8295 solenoid gas valves control the flow of natural and LP gases and are suitable for use on furnaces, ovens, atmospheric burners, commercial water heaters, rooftop make-up air units, power burners and commercial/ industrial boilers.

- Body Material: Die cast aluminum
- Valve Timing: Open/Close less than 1 second; positive close off
- Ambient: -40° F to 145° F (-40° C to 60° C)

APPROVALS: Underwriters Laboratories, Inc., CSA, Factory Mutual (all, except 1" to 3" — 2 psi version), CSD-1 and IRI acceptable

Honeywell
THE POWER OF CONNECTED

Part No.	Pipe Size FPT (In.)	Capacity (CFH)	Coil Voltage	Price
V4295A1098	3/8	210	120	Call
V4295A1106	1/2	210	120	Call
V4295A1114	3/4	610	120	Call
V4295A1122	1	825	120	Call
V4295A1130	1-1/4	1950	120	Call
V4295A1148	1-1/2	2270	120	Call
V8295A1016	1/2	250	24	Call
V8295A1024	3/4	645	24	Call
V8295A1032	1	790	24	Call
V8295A1040	1-1/4	1450	24	Call
V8295A1057	1-1/2	2190	24	Call

HEATING

VALVE, GAS CONTROL

AUTOMATIC



The H15 Series control shuts off both main and pilot gas. Pilot gas is taken either from within the control or from the main line upsteam of the valve. Capacity BTUH/Hr. @ 1" DP: 402,000

BASO Gas Products LLC

Part No.	Connection		Pilot Gas Flow	Price
	Main FPT (In.)	Pilot (In.)		
H15DA3*	3/4	1/8-27 NPT	Internal	Call
H15DH3	3/4	1/4 cc	Internal**	Call

*Packaged with reducer bushings **With rotor pilot "B" valve

DIAPHRAGM



Solenoid-operated diaphragm valves provide slow opening and fast closing for controlling fuel gases.

- LP, natural or manufactured gases

Honeywell

Part No.	Pipe Size FPT (In.)	AGA Capacity (CFH)	Max. Sustained Pressure (psi)	Power (Vac)	Price
V88A1659	3/4	668	1/2	24	307.09
V88A1667	3/4	668	1	24	Call
V88A1675	1	1021	1	24	Call
V48A2334	1	1021	1	120	Call
V88A1683	1-1/4	2100	1	24	Call
V48A2177	1-1/4	2100	1/2	120	451.03
V88A1691	1-1/2	2400	1	24	Call
V88A1634	1-1/2	2400	1/2	24	Call
V88A1709	2	4178	1	24	Call
V88A1717	2-1/2	5100	1	24	Call

ACTUATOR, ON/OFF



Use with V5055 valve to control gas supply to commercial and industrial burners.V4055D1001, V4055D1043 on/off actuator includes Factory Mutual "Proof of Closure" and Underwriters Laboratories, Inc. "Valve Seal Overtravel Interlock" switch. Supply voltage: 120 Vac

Honeywell

Part No.	Opening Time (Sec.)	Damper Shaft	Price
V4055A1007	26	No	816.25
V4055A1031	13	No	881.64
V4055A1098	13	Yes	881.64
V4055D1001	26	Yes	893.69
V4055D1019	13	Yes	954.98
V4055D1043	13	No	Call

ACTUATOR, OFF/LOW/HI



Controls gas supply for commercial and industrial burners. Valve opens to low fire position when power is applied; valve opens all the way on demand.

- Low pressure
- Supply voltage: 120 Vac

Honeywell

Part No.	Use With	Price
V4062A1008	All V5055, Best w/V5055B	1199.51

IVT BUTTERFLY



The V5197A is a firing rate valve used to provide variable flow control of air, natural gas, LP, and manufactured gases. The V5197A is actuated by a ML7999A or B firing rate motor that can be mounted directly on the valve. The V5197A is not applicable as a safety shutoff valve. Specially designed to provide fine control of gas flow in applications where a high turn down ratio is required. The V5197A is part of the Honeywell Integrated Valve Train System that allows gas train components to be directly bolted together.

- For modulating applications that do not require final shutoff service of firing rate valve.
- Two downstream 1/4 in. NPT threaded pressure taps available.
- Accepts C6097 Pressure Switch mounted directly to flange (downstream pressure tap only).
- Visual position indicator.
- Pressure Ratings: 15 psi max (1 Bar)

Honeywell

Part No.	Application	Capacity (cfh)	Price
V5197A1011	2 to 3" Pipe Size	16,900 at 3"	Call

INDUSTRIAL



Safety shutoff valves used with V4055, V4062 and V9055 fluid power actuators to control gas flow to commercial and industrial burners.

- Use with natural or LP gases

Honeywell

Part No.	Application	Pipe Size FPT (In.)	AGA Capacity (CFH)	Price
V5055A1004	Low Pressure On/Off (Quick Open Guide)	1	960	385.43
V5055A1038	Low Pressure On/Off (Quick Open Guide)	2	3620	705.48
V5055A1053	Low Pressure On/Off (Quick Open Guide)	3	5230	1180.06
V5055B1002	Low Pressure On/Off Characterized Guide (Slow Increase Upon Opening)	1	960	Call
V5055B1010	Low Pressure On/Off Characterized Guide (Slow Increase Upon Opening)	1-1/4	1406	Call
V5055B1028	Low Pressure On/Off Characterized Guide (Slow Increase Upon Opening)	1-1/2	1717	553.56
V5055B1069	Low Pressure On/Off Characterized Guide (Slow Increase Upon Opening)	2	3620	Call
V5055C1059	Low Pressure On/Off Double Seal	1-1/2	1717	1061.19
V5055C1000	Low Pressure On/Off Double Seal	2	3620	1284.89

COMMERCIAL, VALVE

VALVE, GAS CONTROL

INDUSTRIAL



Single-stage Pressure Regulating Valve;These valves are used on boilers, unit heaters, duct furnaces, makeup air and rooftop heaters.

- Solenoid-operated diaphragm valves that combine the functions of safety shutoff and pressure regulation in a single unit.
- Valve body of die-cast aluminum with a straight-through pattern.
- Valve closes on power failure; recommended for final shutoff service.
- Electrical Connections: 1/4 in. (6 mm) spade terminals (quick connects). 30 in. (762 mm) leadwires and cover for electrical conduit connection provided.
- Pressure Ratings: 1/2 psi (3.4 kPa)
- Mounting: Upright (horizontal)
- Valve Type: Single-Stage, Slow Opening
- Valve Closing Time: 2 sec max

Honeywell

Part No.	Type Gas	Connection FPT (In.)	Capacity (CFH)	Open Time (sec)	Volt	Price
V8943N1039	NAT	1-1/2 FPT	780 to 2300	6	24	Call

OVEN CONTROL

THERMOSTAT



- Contact rating: 30.0 resistive amps @ 240 Vac

White Rodgers EMERSON Climate Technologies

Part No.	Switch	Range (°F)	Price
7551	SPST, Open Rise	90 to 150	Call
756-1	SPDT	90 to 150	36.78

WATER AND STEAM VALVE



The VG7000 Series bronze valves regulate the flow of water or steam in response to the demand of a controller in heating, ventilating, and air conditioning systems. These valves are available in normally open, normally closed, and three-way mixing configurations.

- Complete actuator interchangeability, allowing easy field retrofit or mounting using standardized mounting kits
- All valve sizes available with brass trim or stainless steel trim for use in saturated steam applications of up to 100 psig

2-WAY, BRONZE VALVE, PDTC

- Two-way push-down to close (NO/PDTC)
- FPT connection
- Brass trim, equal % flow

Johnson Controls

Part No.	Size (In.)	Flow (Cv)	Price
VG7241ET	1/2	1.8	Call
VG7241GT	1/2	4.6	203.03
VG7241LT	3/4	7.3	284.81
VG7241NT	1	11.6	369.27
VG7241PT	1-1/4	18.5	510.91
VG7241RT	1-1/2	28.9	674.97
VG7241ST	2	46.2	815.41

2-WAY, BRONZE VALVE, PDTO

- Two-way push-down to open (NC/PDTO)
- FPT connection
- Brass trim, equal % flow

Johnson Controls

Part No.	Size (In.)	Flow (Cv)	Price
VG7441ET	1/2	1.8	Call
VG7441GT	1/2	4.6	229.91
VG7441LT	3/4	7.3	321.92
VG7441NT	1	11.6	417.69
VG7441PT	1-1/4	18.5	Call
VG7441RT	1-1/2	28.9	758.31
VG7441ST	2	46.2	893.70

3-WAY, BRONZE VALVE

- FPT connection
- Three-way mixing
- Brass trim, linear

Johnson Controls

Part No.	Size (In.)	Flow (Cv)	Price
VG7842ET	1/2	1.8	244.06
VG7842GT	1/2	4.6	245.16
VG7842LT	3/4	7.3	353.71
VG7842NT	1	11.6	453.64
VG7842PT	1-1/4	18.5	720.74
VG7842RT	1-1/2	28.9	849.37
VG7842ST	2	46.2	1064.69

COMMERCIAL, VALVE

WATER AND STEAM VALVE

2-WAY, GLOBE, THREADED VALVE



The V5011N is a two-way threaded globe valve that controls steam, water, and glycol solutions (up to 50%concentration) in heating or cooling HVAC applications. The valve is used in two-position and modulating control systems.

- V5011N1000 and V5011N2000 valves are push down to close (NO/PDTC)
- V5011N3000 valves are push down to open (NC/PDTO)
- Direct coupled electric and pneumatic actuators for easy mounting Stroke: 3/4"
- Not suitable for combustible gases.
- Valves require a linkage and control motor; a direct-coupled actuator or pneumatic valve actuator to position the valve.

2-WAY, GLOBE, THREADED, PDTC

Honeywell
THE POWER OF CONNECTED

Part No.	Size (In.)	Flow (Cv)	Type	Media	Price
V5011N1024	1/2	1.85	Equal %	Hot/Cold Water	186.22
V5011N1032	1/2	2.9	Equal %	Hot/Cold Water	185.17
V5011N1040	1/2	4.7	Equal %	Hot/Cold Water	170.17
V5011N1057	3/4	7.3	Equal %	Hot/Cold Water	211.86
V5011N1065	1	11.7	Equal %	Hot/Cold Water	269.41
V5011N1073	1-1/4	18.7	Equal %	Hot/Cold Water	333.87
V5011N1081	1-1/2	29.3	Equal %	Hot/Cold Water	521.58
V5011N1099	2	46.8	Equal %	Hot/Cold Water	716.46
V5011N2022	1/2	1.85	Linear	Steam	Call
V5011N2048	1/2	4.7	Linear	Steam	352.61
V5011N2055	3/4	7.3	Linear	Steam	446.34
V5011N2063	1	11.7	Linear	Steam	565.62
V5011N2071	1-1/4	18.7	Linear	Steam	648.13
V5011N2089	1-1/2	29.3	Linear	Steam	941.08
V5011N2097	2	46.8	Linear	Steam	1170.21

2-WAY, GLOBE, THREADED, PDTO

Honeywell
THE POWER OF CONNECTED

Part No.	Size (In.)	Flow (Cv)	Type	Media	Price
V5011N3004	1/2	2.9	Equal %	Hot/Cold Water	Call
V5011N3012	1/2	4.7	Equal %	Hot/Cold Water	Call
V5011N3020	3/4	7.3	Equal %	Hot/Cold Water	239.14
V5011N3038	1	11.7	Equal %	Hot/Cold Water	Call
V5011N3046	1-1/4	18.7	Equal %	Hot/Cold Water	Call

2-WAY, GLOBE, FLANGED



Single-seated valve for water or glycol. Throttling plug provides equal percentage characteristic of flow. Push down valve stem to close. Flanged pipe connections Bronze removable seat, stainless steel stem, teflon discs with removable throttling plugs, straight through, cast iron body, spring loaded, self adjusting packing: teflon cone ANSI Body Class: 125 psi

Honeywell
THE POWER OF CONNECTED

Part No.	Size (In.)	Flow (In.)	Stroke (In.)	Type	Price
V5011A1734	2-1/2	63	3/4	Equal %	Call
V5011A1767	3	100	3/4	Equal %	5523.12
V5011A1858	4	160	1-1/2	Equal %	Call
V5011A1882	5	250	1-1/2	Equal %	Call

2-WAY, GLOBE, THREADED



The V5011G is a two-way threaded globe valve that controls steam in heating or cooling HVAC applications. The valve is used in two-position and modulating control systems.

- Direct coupled electric and pneumatic actuators for easy mounting
- Stroke: 3/4"
- Not suitable for combustible gases.
- Valves require a linkage and control motor; a direct-coupled actuator or pneumatic valve actuator to position the valve.

Honeywell
THE POWER OF CONNECTED

Part No.	Size (In.)	Flow (Cv)	Type	Media	Price
V5011G1111	2-1/2	63	Linear	Steam	Call
V5011G1129	3	100	Linear	Steam	1967.39

3-WAY, GLOBE, THREADED



The V5013N is a three-way threaded globe valve that controls hot water, cold water, and glycol solutions (up to 50% concentration) in heating or cooling HVAC applications. The valve is used for mixing service to direct flow from one of two inlets to a common outlet in two-position or modulating control systems.

- Construction: Stainless steel stem, brass seats (V5013N1048 has stainless upper seat), carbon PTFE packing, brass plug, red brass body
- ANSI class: 150
- Suitable for pneumatic or electric/electronic actuation
- Stroke: 3/4"

Honeywell
THE POWER OF CONNECTED

Part No.	Size (In.)	Flow (Cv)	Price
V5013N1048	1/2	4.7	214.92
V5013N1055	3/4	7.3	237.34
V5013N1063	1	11.7	297.05
V5013N1071	1-1/4	18.7	477.73
V5013N1089	1-1/2	29.3	589.67
V5013N1097	2	46.8	791.58

COMMERCIAL, VALVE

WATER AND STEAM VALVE

3-WAY, GLOBE, FLANGED



The V5013B is a mixing valve; the V5013C is a diverting valve. Used for 2-position or modulating control of water and glycol solutions (up to 50% concentration) in heating or cooling systems.

- Valves require a linkage and control motor, a pneumatic valve actuator or a direct coupled actuator to position the valve. Stainless steel stem, bronze seat, teflon packing and plug, cast iron body
- ANSI class: 125

Honeywell

Part No.	Size (In.)	Flow (Cv)	Price
V5013B1003	2-1/2	63	6354.07
V5013B1011	3	100	7898.16
V5013C1001	2-1/2	63	7877.03
V5013C1019	3	100	Call

2-WAY, NORMALLY



- For low pressure steam or water
- Equal % flow
- Construction:

FPT body – bronze body and seat
Stem – stainless steel
Plug – brass
Packing – spring loaded teflon cone
Disc – composition

- Pressure: FPT static: 250 psi max. Flanged static: 125 psi max.
- Fluid temp: 281°F max., 40°F min.
- Recommended differential: 20 psi for quiet service, 35 psi max.

2-WAY, NORMALLY OPEN, MPT X FPT

Schneider Electric t.a.c COLMAN

Part No.	Connection Size (In.)	Flow (Cv)	Price
VB72110404	1/2	4.4	Call
VB72110406	3/4	7.5	Call
VB72110408	1	14.0	Call
VB72110409	1-1/4	20.0	Call

2-WAY, NORMALLY OPEN, FPT

Schneider Electric t.a.c COLMAN

Part No.	Connection Size (In.)	Flow (Cv)	Price
VB72130402	1/2	1.3	152.00
VB72130403	1/2	2.2	152.00
VB72130404	1/2	4.4	152.00
VB72130406	3/4	7.5	215.00
VB72130407	1	10.0	Call
VB72130408	1	14.0	283.00
VB72130409	1-1/4	20.0	384.00
VB72130410	1-1/2	28.0	615.00
VB72130411	2	40.0	802.00

2-WAY, NORMALLY CLOSED, FPT

Schneider Electric t.a.c COLMAN

Part No.	Connection Size (In.)	Flow (Cv)	Price
VB72230402	1/2	1.3	Call
VB72230403	1/2	2.2	Call
VB72230404	1/2	4.4	Call
VB72230406	3/4	7.5	257.00
VB72230407	1	10.0	Call
VB72230408	1	14.0	Call
VB72230409	1-1/4	20.0	Call
VB72230410	1-1/2	28.0	681.00
VB72230411	2	40.0	Call

3-WAY, MIXING, FPT



- Hot or chilled water service

Schneider Electric t.a.c COLMAN

Part No.	Connection Size (In.)	Flow (Cv)	Price
VB73130402	1/2	2.2	197.00
VB73130404	1/2	4.4	197.00
VB73130406	3/4	7.5	283.00
VB73130408	1	14.0	442.00
VB73130409	1-1/4	20.0	593.00
VB73130410	1-1/2	28.0	700.00
VB73130411	2	41.0	920.00

COMMERCIAL, ACTUATOR

VALVE ACTUATOR

The VA715 and VA720 Series synchronous, motor-driven actuator provides incremental (three-wire), or proportional control of valves with up to 3/4" stroke in heating, ventilating, and air conditioning applications. This compact, non-spring return actuator responds to a variety of input signals.
The VA715 and VA720 Series can be easily field mounted or ordered factory coupled to VG7000 Series bronze control valves.

- Input incremental: 24 Vac, 50/60 Hz
- Input proportional: 0–10 Vdc

90 LB. MINIMUM SEATING



Johnson Controls

Part No.	Description	Price
VA71501001	Three-Wire Incremental	354.13
VA71521001	Proportional	560.68

COMMERCIAL, ACTUATOR

VALVE ACTUATOR

180 LB. MINIMUM SEATING



Part No.	Description	Price
VA72001001	Three-Wire Incremental	523.59
VA72021001	Proportional	963.39

61 LB. MINIMUM SEATING, SPRING RETURN

Direct-mount, spring return electric actuator provides a minimum 61 lb (271 N) force output for floating, on/off, or proportional control, and can be easily field mounted or ordered factory coupled to Johnson Controls 1/2 through 1-1/4" VG7000 Series Bronze Control.

- Manual hand crank allows for manual positioning of the valve, independent of a power supply
- Integral position indicator provides indication of valve stem position

Part No.	Description	Price
VA4233GGA2	Proportional	738.95

22 LB. CLOSE-OFF

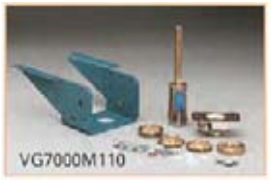


The VA-802x Series actuators are synchronous, force-sensor-limited actuators which provide floating/incremental or proportional control for 1/2" valves in many HVAC applications. They are motor-driven, non-spring return actuators.

- Used in conjunction with slotted stem valves

Part No.	Description	Price
VA80201	24 Vac, Three-Wire Incremental	267.65
VA81221	0–10 Vdc, Proportional	460.87

LINKAGE TO VG7000 SERIES



- Linkage to mount M110–M150 electric actuators to VG7000 Series valves
- For 1/2"–2" valve bodies

Part No.	Actuator Model	Price
VG7000M140	M140	Call
VG7000M150	M150	293.77

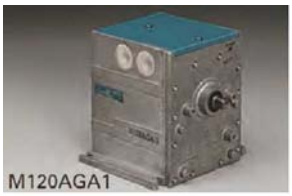
ADAPTER KITS



Part No.	Adapts	Description	Price
Y20EBE2	VT Valve, VA7150 Actuator	Mount Kit	63.44
Y20EBE11	Y20 Linkage, VG7000 Valve	Adapter Kit	Call

FOOT MOUNT

FOOT MOUNT



The M100 Series motor actuator positions dampers, valves, and related equipment in a variety of HVAC and industrial applications. It operates on 24 or 120 Vac power (with cover mounted transformer), and is available with on/off, floating, or proportional control inputs. The five basic actuators can be ordered as base units without the R81 plugin electronic interface boards installed or with the input electronics factory installed.

- Proportional motors require R81 control card
- On/off, floating models do not require R81 control card

ON/OFF FLOATING

- Control card not required

Part No.	Torque	Price
M120AGA1	35 In./Lb.	Call
M140AGA1	75 In./Lb.	Call
M150AGA1	150 In./Lb.	1169.53

ON/OFF FLOATING, SPRING RETURN

- Control card not required

Part No.	Torque	Price
VA9310-HGA-2	25 In./Lb.	Call
VA9310-HGA-2	50 In./Lb.	Call

PROPORTIONAL, NON SPRING*

- Proportional motors require R81 control card

Part No.	Torque	Price
M120XGA1	35 In./Lb.	Call
M140XGA1	75 In./Lb.	Call
M150XGA1	150 In./Lb.	1190.16

*Requires R81 card

PROPORTIONAL, SPRING RETURN*

- Proportional motors require R81 control card

Part No.	Torque	Price
M110XGA1	25 In./Lb.	1230.21
M130XGA1	50 In./Lb.	1317.18

*Requires R81 card

COMMERCIAL, ACTUATOR

FOOT MOUNT

CONTROL CARD, M100 SERIES



Plug in boards to adapt M100 Series actuators for alternate input types.

- Control card required on all M1*0XGA models

Johnson Controls

Part No.	Description	Price
R81CAA2	Zone Bus Link, Metasys AHU, UNT Level 1 Digital Protocol	679.88
R81EAA2	Thermister Sensor Input Economizer Control, Changeover Relay, Minimum Position	1185.62
R81GAA2	0 to 24 Vdc, 0 to 24 mA Input, Adjustable Zero & Span	731.63
R81JAA1		451.20
R81MAA1	Direct Interface Honeywell Series 90, W973, W7100 Controllers	Call
R81QAA3	Thermistor Sensor 60 to 120°F	Call

TRANSFORMER, M100 SERIES



Cover mount transformer for M100 series motors

Johnson Controls

Part No.	Description	Price
Y68AA1	120 to 24 VAC, Cover Mount Transformer	197.25

AUXILIARY M100 SERIES



- Auxiliary switch kits for M100 series motors

Johnson Controls

Part No.	Description	Price
S91DJ1	Auxiliary Switch Kit, 1 SPDT Switch	297.96
S91EJ1	Auxiliary Switch Kit, 2 SPDT Switches	350.60

TWO-POSITION, SPRING RETURN



Two-position, spring return motors used to operate dampers and valves.

- Used in applications where it is necessary or desirable to have the controlled element return to the starting position in the event of power failure or interruption
- Electrically normally closed and rotated clockwise to open with a signal increase
- Modutrol IV Series
- Torque: 60 lb.-in.

Honeywell

Part No.	Supply Power (Vac)	Timing (Sec.)	Stroke (Degrees)	Includes	Price
M4185A1001	120	60	160	—	Call
M4185B1009	120	60	160	1-SPDT Auxiliary Switch	964.81
M4185B1058	120/208/240	30	90	1-SPDT Auxiliary Switch	1031.49
M8185D1006	24	30 to 60	90 to 160	—	803.68

REVERSING, 3-WIRE SPDT, FLOATING



Reversing, 3-wire SPDT or floating control motors used to operate dampers and valves.

- Modutrol IV Series

Honeywell

Part No.	Supply Power (Vac)	Torque (Lb.-in.)	Timing (Sec.)	Stroke (Degrees)	Price
M6184D1035	24	150	30 to 60	90 to 160	992.42
M6194D1017	24	300	120 to 240	90 to 160	1426.84

REVERSING, 3-WIRE



Reversing, 3-wire floating control motors with feedback potentiometer. Used with controllers that provide SPDT output to operate dampers and valves.

- Modutrol IV Series
- Torque: 150 lb.-in.

Honeywell

Part No.	Supply Power (Vac)	Timing (Sec.)	Stroke (Degrees)	Price
M6284D1000-S	24	30 to 60	90 to 160	983.03

SPRING RETURN, 25 LB.-IN.



Spring return, 25-lb.-in. damper actuators provide SPDT floating, two-position, three-position or modulating control of economizer systems, ventilation dampers and combustion air dampers. Use with W7459A.

- Stroke: 90°
- Timing: 90 seconds
- Maximum operating torque: 25 lb.-in.
- Power supply: 24 Vac

Honeywell

Part No.	Rotate to Open	Application	Price
M6415A1016	CCW	SPDT Floating	664.70
M7415A1006	CCW	Modulating	526.07
M7415B1004	CW	Modulating	526.07
M8405A1006	CCW	3-Position, Adjustable Minimum	494.50
M8415A1004	CW	2-Position, Adjustable Auxiliary	Call

PROPORTIONAL, ELECTRONIC



Proportional motors used to operate dampers and valves when used with a modulating 4-20 mA current source.

- Modutrol IV Series

Honeywell

Part No.	Supply Power (Vac)	Torque (Lb.-In.)	Timing (Sec.)	Stroke (Degrees)	Includes	Price
M7284A1004	120	150	30	90	—	Call
M7284C1000	120	150	30	90	2-Auxiliary Switch	Call
M7284Q1009	120	150	30	90	2-Auxiliary Switch	Call
M7285A1003	120	60	30	90	—	Call

COMMERCIAL, ACTUATOR

FOOT MOUNT

PROPORTIONAL, REVERSING, NON-SPRING RETURN, 35-75 LB. IN.



- For Series 90 control circuit

Honeywell
THE POWER OF CONNECTED

Part No.	Supply Power (Vac)	Torque (Lb. -In.)	Timing (Sec.)	Stroke (Degrees)	Includes	Price
M9164A1005	120	35	60	160	—	1184.57
M9164A1070	24	35	60	160	—	Call
M9164C1001	24	35	60	160	2-SPDT Auxiliary	Call
M9164C1068	120	35	30	90	2-SPDT Auxiliary	Call
M9164D1009	24	35	30 to 60	90 to 160	—	1028.00
M9174B1027	120	75	30 to 60	90 to 160	1-SPDT Auxiliary	Call
M9174C1025	120	75	30	90	2-SPDT Auxiliary	1508.84
M9174C1033	120	75	60	160	2-SPDT Auxiliary	Call
M9174D1007	24	75	30 to 60	90 to 160	—	1128.49

PROPORTIONAL, REVERSING, SPRING RETURN



- For Series 90 control circuit
- Supply power: 24 Vac

Honeywell
THE POWER OF CONNECTED

Part No.	Torque (Lb.-In.)	Timing (Sec.)	Stroke (Degrees)	Includes	Price
M9185A1018	60	60	160	—	1607.11
M9185C1006	60	60	160	2-SPDT Auxiliary	Call
M9185D1004	60	30 to 60	90 to 160	—	1576.21
M9185E1019	60	30 to 60	90 to 160	1-SPDT Auxiliary	Call

PROPORTIONAL, REVERSING, NON-SPRING RETURN, 150-300 LB. IN.



- For Series 90 control circuit
- Supply power: 24 Vac

Honeywell
THE POWER OF CONNECTED

Part No.	Torque (Lb. -In.)	Timing (Sec.)	Stroke (Degrees)	Includes	Price
M9184A1019	150	60	160	—	Call
M9184C1031	150	60	160	2-Aux. Switches	Call
M9184D1021	150	30 to 60	90 to 160	—	1414.10
M9194D1003	300	120 to 240	90 to 160	—	Call
M9194E1000	300	120 to 240	90 to 160	1-Aux. Switch	Call

PROPORTIONAL, REVERSING, NON-SPRING RETURN, 150 LB. IN.



Reversing, proportional motors used to drive burner firing rate valves, dampers or auxiliary equipment. Replace M941A,C,D motors.

- Designed for flame safeguard applications in commercial/industrial oil or gas burner system.
- Vibration resistant electronic drive circuit.
- Regulated by three-wire proportional controller; 135 Ω
- Stroke is field-adjustable to 90 or 160 degrees.
- Supply power: 24 Vac

Honeywell
THE POWER OF CONNECTED

Part No.	Torque (Lb. -In.)	Timing (Sec.)	Stroke (Degrees)	Includes	Price
M9484D1010	150	30 to 60	90 to 160	—	1441.26
M9484E1017	150	30 to 60	90 to 160	1 Aux Switch (1°)	Call
M9484E1033	150	30 to 60	90 to 160	1 Aux Switch (7°)	Call
M9484F1007	150	30 to 60	90 to 160	2 Aux Switch (7°+80°)	1776.72

PROPORTIONAL, SPRING RETURN, MODULATING DC, W7080



Proportional motors used to operate dampers and valves when used with a modulating DC voltage source; specifically designed for use with W7080 control panel

- Modutrol IV Series
- Supply power: 24 Vac
- Input signal: 14 to 17 Vdc
- Rotation: CW from power end on signal increase

Honeywell
THE POWER OF CONNECTED

Part No.	Torque (Lb.-In.)	Timing (Sec.)	Stroke (Degrees)	Includes	Price
M7685A1025	60	30 to 60	90 to 160	Minimum Position Pot.	Call

ROPORTIONAL, MODULATING DC



Proportional motors used to operate dampers and valves when used with a modulating DC voltage source.

- Modutrol IV Series
- Motor and circuitry operate from 24 Vac.
- Input signal: 10.5 to 13.5 Vdc
- Torque: 60 Lb. In.

Honeywell
THE POWER OF CONNECTED

Part No.	Volt	Timing (Sec.)	Stroke (Degrees)	Includes	Price
M7164A1017	24	30-60	90 to 160, Asymmetrical	—	Call
M7164G1030	120	30-60	90 to 160, Symmetrical	Transformer	1166.52

COMMERCIAL, ACTUATOR

FOOT MOUNT

2 POSITION, OIL SUBMERGED ACTUATOR



These actuators provide 2-position operation of dampers, valves, and other equipment requiring the return to normal position upon power interruption.

- SPST controller
- Spring return. CCW to origin.
- 2-wire, SPST control
- Torque: 60 lb.-in.
- Damper area: 33 sq. ft. parallel, 43 sq. ft. opposed blade
- No load timing: 20 seconds

Part No.	Power (Vac)	Price
MA418	120	1099.00

REVERSIBLE PROPORTIONAL ELECTRIC



The MP Series actuators are used for 2-position, floating, and proportional control of dampers, valves, and program switches in heating, ventilation, air conditioning applications, or similar applications.

- Proportional actuators with built-in feedback potentiometers
- Rotation: set at 180° (adjustable 45 to 320°)

Part No.	Power (Vac)	Torque (Lb.-In.)	Timing (Sec.)	Spring Return	Auxiliary Switch	Price
MP381	24	220	130	CW	SPDT	1549.00
MP485	120	220	130	NO	SPDT	Call
MP461600	120	50	90	CW	SPDT	Call

ACCESSORIES

VALVE LINKAGE, Q5001 SERIES



The Q5001 valve linkage connects a Modutrol® motor to a 2- or 3-way valve. It is used primarily on V5011 or V5013 steam and water valves.

- Q5001 valve linkage is applicable to 2-way or 3-way valves in modulating or two-position service
- Linkage requires no adjustment when used with Honeywell valves and Modutrol IV motors
- Q5001 valve linkage replaces Q601 and Q618 valve linkages

Part No.	Stem Force (Lb.)	Lift Adjustment (In.)	Bonnet Size (In.)	Price
Q5001D1000	80, 160	3/4, Fixed	1-3/8	280.39
Q5001D1018	160, 320	3/4, Fixed	1-3/8	282.06

VALVE LINKAGE, Q5020 SERIES



The Q5020 globe valve linkages connect a Honeywell direct coupled actuator to a steam or water globe valve.

- Used with two-way and three-way globe valves in modulating or two-position service.
- Used with 25, 50, and 142 lb-in. spring return and 35, 70, 150, and 300 lb-in. non-spring return DCA
- Quick and simple installation with no disassembly required
- Precision roller-bearing rack construction prevents premature valve packing wear and leakage
- Flexible actuator mounting orientation
- Adjustable manual override lever and valve position indicator

Part No.	Stem Force (Lb.)	Stroke (In.)	Used With	Price
Q5020C1009*	300	1-1/2	V5051	Call

* 142 to 175 (Spring Return)

INTERFACE MODULE



For converting Series 90 Modutrol IV motors to Series 70 (electronic) control.

- Q7130A1006 provides selectable voltage ranges: 4 to 7, 6 to 9 or 10.5 to 13.5 Vdc. Adapts M91XX Modutrol IV motor to function as M71XX model for M734H, J; M744D; M745G, P replacements.
- Q7230A1005 provides adjustable zero and span, voltage or current control (includes 4 to 20 mA and 2 to 10 Vdc). Adapts M91XX Modutrol IV motors to function as M72XX model for M744S, T, Y; M745S, T, Y replacements

Part No.	Application	Price
Q7130A1006	Voltage Ranges (4-7 Vdc, 6-9 Vdc, 10.5 - 13.5 Vdc)	272.77
Q7230A1005	Adj zero and span, 4-20 ma or 2-10 Vdc	238.78

COMMERCIAL, ACTUATOR

ACCESSORIES

VALVE LINKAGE, Q5022 SERIES



- For 2 and 3-way globe valves in modulating or two-position service.
- For use with 175 lb.-in. (S20) spring return or 175 and 300 lb.-in. (N20, N34) non-spring return DCAs.
- Accepts single or dual matching actuators for higher close-off pressures.
- Fail-safe operation with spring return DCAs, field selectable normally open or normally closed for direct or reverse-acting valves.
- Linkage threads onto valve stem.
- Oilite™ self-lubricated actuator shaft bearing.
- Anodized extruded aluminum housing.
- Precision roller-bearing rack construction to prevent premature valve packing wear and leakage.
- Flexible actuator mounting orientation

Honeywell

Part No.	Stem Force (Lbf)	Stroke (In.)	Used With	Price
Q5020A1003	1117 Max	3/4	V5011, V5013, VGF under 4"	271.95
Q5024B2240	555 Max	1-1/2	V5011, V5013, VGF over 4"	Call

MANUAL POTENTIOMETER, S443 SERIES



Used for remote manual control of proportioning (Series 90) motors and relays.

- Use with M934, M941, M944, M945, M9164, M9484, M9184, M9185

Honeywell

Part No.	Resistance (Ohm)	Price
S443A1007	135	Call

AUXILIARY POTENTIOMETER, Q181 SERIES



Controls one to four Modutrol (Series 90) motors from one master motor.

- Compatible with Modutrol III and Modutrol IV motors

Honeywell

Part No.	Throttling Range (Degrees)	Motor Controlled	Cover	Price
Q181A1007	40 to 160	1	Yes	614.23
Q181A1015	40 to 160	2	Yes	717.63

DAMPER LINKAGE, Q298 SERIES



Honeywell

Part No.	Description	Price
Q298B1065	Damper Linkage, 2-Arms, 2-Ball Joints, 1-24" Push Rod	157.40
27518	Crankarm balljoint with 1/4 - 28 UNF male threads, fits 5-16" push rods	8.94

DAMPER LINKAGE, Q605 SERIES



Connects Modutrol motor to standard damper or set of dampers to provide control of duct airflow.

- Includes crank arm

Honeywell

Part No.	Location (To Duct)	Bracket	Damper Amps	Ball Joints	Price
Q605F1018	External	Yes	1	2	Call
Q605H1016	External, Internal	Yes	3	4	Call

MANUAL POTENTIOMETER, Q209 SERIES



Used to limit minimum position of a proportioning Modutrol motor.

Honeywell

Part No.	Mount Location	Resistance (Ohm)	Use On	Price
Q209E1002	Internal, Cover Box	150	Modutrol IV	106.27
Q209E1010	Internal, Cover Box	150	Modutrol IV	128.54

MANUAL POTENTIOMETER, S963 SERIES



For remote setpoint control of electronic (Series 70) motors and panels.

Honeywell

Part No.	Resistance (Ohm)	Scale Range (°F)	Use With	Price
S963B1037	480	60 to 90	T7047A, C, D, E; T7022A; W927A-C, F; W7100	265.80
S963B1086	1,000	40 to 140	W7100	Call
S963B1128	135	Open/Closed	Proportional Motors	163.78
S963B1136	270	Open/Closed	Proportional Motors	160.66

SIGNAL ADAPTER



Q769 Adapter is used to provide a modulating signal to the M7415 Economizer Damper Motors when used with a controller.

- Quick-connect terminals

Honeywell

Part No.	Description	Price
Q769A1009	6 to 9 Volt Adapter	Call
Q769B1008	4 to 20 mA Adapter	Call

COMMERCIAL, ACTUATOR

ACCESSORIES

SPECIAL PURPOSE MOUNT

SPRING RETURN



Spring return motors for two-position back draft, outdoor air changeover, zone, or minimum position damper control.

- Includes 1 SPDT auxiliary switch
- Stroke: 75 degrees

Honeywell

Part No.	Supply Power (Vac)	Torque (Lb.-In.)	Timing (Sec.)	Includes	Price
M436A1116	120	20	30	2-Wire Thermostat, SPST Thermal Breaker	599.68
M436A1124	240	20	30	2-Wire Thermostat, SPST Thermal Breaker	622.71
M836A1042	24	20	30	SPST No Heat Anticipation Thermal Breaker	592.60
M836B1033	24	15	25	SPST Heat Anticipation	634.08

2-POSITION



Used with two-wire, 24-volt room thermostat or other controller for two position damper control.

- Supply voltage: 24 Vac
- SPST auxiliary switch

Honeywell

Part No.	Torque (Lb.-In.)	Timing (Sec.)	Price
M836A1034	4	80 Open, 160 Close	Call

2-POSITION, SPRING RETURN



Used with two-wire 24V room thermostats or other low voltage controllers to operate the draft damper on solid fuel furnaces or boilers and other similar duty applications.

- Supply voltage: 24 Vac
- Rotates CW when energized

Honeywell

Part No.	Torque (Oz.-In.)	Timing (Sec.)	Stroke (Degrees)	Linkage (In.)	Price
M847A1072	30	20	45	3.8, Arm	217.17
M847A1080	30	20	45	38, Chain	Call

SPECIAL PURPOSE MOUNT

ELECTRONIC ACTUATOR DRIVE



The CP-8301-XXX Series electronic actuator drive is designed to process a variable 1 to 15 Vdc signal from a controller to provide proportional control of an electric gear train actuator.

- Input: 1 to 15 Vdc
- Mounts directly onto Invensys proportional, electric, gear train Actuators

Schneider Electric tac COLMAN

Part No.	Power (Vac)	Price
CP8301120	120	193.97
CP8301024	24	644.00

DIRECT COUPLED



The M9100 Series is a direct-mount line of motor actuators that operates on 24 Vac or Vdc power and are available for use with floating or proportional controllers.
These bi-directional actuators require no linkages and are easily installed on round damper shafts up to 3/4" diameter or square shafts up to 5/8".
Integral auxiliary switches are available for indicating end-stop position or to perform switching functions at any angle within the selected rotation range.
Position feedback is available through switches, a potentiometer, or a 0 (2) to 10 Vdc signal.

- Supply voltage: 24 Vac

Johnson Controls

NON-SPRING RETURN, 53 LB.-IN.

Part No.	Control Input	Price
M9310-HGA-2	0 to 10 Vdc (0–20 mA)	Call

NON-SPRING RETURN, 70 LB.-IN.

Part No.	Control Mode	Price
M9310-HGA-2	24 Vac, Floating	Call
M9310-HGA-2	0 to 10 Vdc (0–20 mA)	Call

NON-SPRING RETURN, 140 LB.-IN.

Part No.	Control Input	Price
M9116AGA2	24 Vac, Floating	Call
M9116GGA2	0 to 10 Vdc (0–20 mA)	393.56

NON-SPRING RETURN, 210 LB.-IN.

Part No.	Control Input	Price
M9124AGA2	24 Vac, Floating	Call
M9124GGA2	0 to 10 Vdc (0–20 mA)	528.23

COMMERCIAL, ACTUATOR

DIRECT COUPLED

NON-SPRING RETURN, 53 LB.-IN.



The M9106AGA2N02 synchronous motor-driven actuators provide floating (3-wire) control and are easily installed on a variable air volume (VAV) box. They may also be installed on a small or medium-sized damper with a round shaft up to 1/2" in diameter or a 3/8" square shaft. The M9106AGSN02 actuator/transmitter combines an M9106-AGA-2N02 with a prewired DPT-2015 differential pressure transmitter that has a 0 to 1.5 in. W.C. differential pressure range.

Features:

- 35 dBA rating meets audible requirements for open ceilings
- Synchronous drive provides constant rotation time that is independent of load
- Direct shaft mount with single-screw coupler simplifies installation and provides 3-point shaft gripping
- Magnetic clutch provides torque protection for the actuator and damper
- Adjustable rotation stops allow application versatility with 30 to 90° clockwise or counterclockwise rotation
- Manual gear release

Johnson Controls

Part No.	Control Input	Price
M9106AGA2N02	Floating, 1 Minute	173.18
M9106AGSN02	Floating, 1 Minute, DPT	Call
M9106IGC2	Floating, On/Off, Adj. Time, 2 Aux.	257.32

SPRING RETURN, 140 LB.-IN.



The M9200 Series is a direct-mount, spring return line of motor actuators that operates on 24 Vac or Vdc power and is available for use with on/off, floating, proportional, or resistive controllers. These bi-directional actuators require no linkages and are easily installed on round damper shafts up to 3/4" diameter or square shafts up to 1/2".
The M9216 model delivers up to 140 lb.-in. of torque; the M9220 up to 177 lb.-in of torque. Position feedback is available through switches (included model M9220BGC3), a potentiometer, or a 0 to 10 Vdc signal.

Johnson Controls

Part No.	Control Input	Price
M9220AGA3	Floating	593.94
M9220BGA3	On/Off	484.22
M9220BGC3	On/Off	569.68
M9220HGA3	Vdc and mA w/Zero and Span	656.34

BELIMO DIRECT COUPLED

Belimo makes a full range of electronic direct coupled actuators. They can replace many Honeywell, Johnson Controls and Invensys actuators.

- Proportional actuators have standard 2 to 10 Vdc, 4 to 20 mA input signals
- Electrical connections are 3', 18 GA plenum rated wire, 1/2" conduit (except T suffix-screw terminals)

SPRING RETURN, 18 LB.-IN.



- Power Supply: 24 Vac/Vdc

BELIMO

Part No.	Control Input	Price
TFB24SR	Proportional	427.00

SPRING RETURN, 35 LB.-IN.



- Power Supply: 24 Vac/Vdc

BELIMO

Part No.	Control Input	Price
LF24US	On/Off	364.00
LF24SUS	On/Off, 1 SPDT Aux	427.00
LF243US	Tri State, Floating	Call
LF24SRUS	Proportional	497.00
LF24SRSUS	Proportional	Call
LF120SUS	On/Off	467.00
LF120US	On/Off	403.00

*With built-in auxiliary switch

SPRING RETURN, 90 LB.-IN.



- Power Supply: 24 Vac/Vdc

BELIMO

Part No.	Control Input	Price
NFB24	On/Off	436.00
NFB24S	On/Off, 2 SPDT Aux	Call
NFB24SR	Proportional	582.00

SPRING RETURN, 133 LB.-IN.



- Power Supply:
  AF24, AF24SR: 24 Vac/Vdc
  AF120US: 120 Vac

BELIMO

Part No.	Control Input	Price
AFB24	On/Off	534.00
AFB24SR	Proportional	663.00
AFBUP	On/Off	595.00
AFB24MFT	MFT	730.00
AFBUPS	On/Off	697.00

COMMERCIAL, ACTUATOR

BELIMO DIRECT COUPLED

NON-SPRING RETURN, 45 LB.-IN.



- Power Supply: 24 Vac/Vdc

Part No.	Control Input	Price
LMB243T	On/Off, Floating	164.00
LMB243S	On/Off, Floating, 1 SPDT aux	283.00
LMB24SR	Proportional	304.00

NON-SPRING RETURN, 90 LB.-IN.



- Power Supply: 24 Vac/Vdc

Part No.	Control Input	Price
NMB243	On/Off, Floating	267.00
NMB24SR	Proportional	376.00

NON-SPRING RETURN, 180 LB.-IN.



- Power Supply: 24 Vac/Vdc

Part No.	Control Input	Price
AMB243	On/Off, Floating	376.00
AMB24SR	Proportional	548.00

NON-SPRING RETURN, 360 LB.-IN.



- Power Supply: 24 Vac/Vdc

Part No.	Control Input	Price
GMB243	On/Off, Floating	533.00
GMB24SR	Proportional	710.00

FIRE/SMOKE



- True mechanical spring return; the most reliable fail safe.
- Reverse mount for clockwise or counterclockwise fail-safe.
- Check damper position easily with clear position indicator.
- Overload-proof throughout rotation.

Part No.	Control Input	Price
FSLF120US	30	Call
FSLF120SUS	30	Call
FSNF120US	70	Call
FSAF120A	133	Call

DIRECT COUPLED

CLAMP/POSITIONER INDICATOR



Part No.	Use with	Description	Price
INDAF2	AF Series	Damper Position Indicator	Call
INDLF	LF Series	Damper Position Indicator	Call
K4H	AF Series	Hex Shaft Clamp (3/8" to 5/8")	Call

LINKAGE ACCESSORIES



Part No.	Use with	Description	Price
KH6	NFB,NFX,LF,TF Series	Universal Crank Arm (For KG6 Ball Joint)	Call
KH8	AFB,AFX,AF,NFB,NFX,LF,TF Series	Universal Crank Arm (For KG8 Ball Joint)	Call
KG8	AF,NFB,LF,TF,GM,AM,LM,AH Series	Ball Joint (5/16", 90)	26.00

CRANK ARM ADAPTOR KIT



Part No.	Use with	Description	Price
ZGAF	AF Series	Crank Arm Adaptor Kit (includes mounting hardware)	Call
ZGNMA	AM, NM Series	Crank Arm Adaptor Kit (includes mounting hardware)	Call
KHLF	LF Series	Crank Arm for Shafts to 1/2"	30.00

CONTROL AND POSITIONING

Part No.	Use with	Description	Price
ZGR01	All Belimo Actuators		24.00
ZGR02	All Belimo Actuators	50% Voltage Divider	Call
ZGR03	AFB,AFX,GMB,GMX,AMB,AMX,NMB,NMX,LMB,LMX Series		Call
ZGR05	AFB,AFX,GMB,GMX,AMB,AMX,NMB,NMX,LMB,LMX Series	Resistor Kit for MFT95 Actuators in a 4 to 20 mA Control Application	Call
ZGR06	AFB,AFX,GMB,GMX,AMB,AMX,NMB,NMX,LMB,LMX Series	Resistor Kit for MFT95 Actuators in a Series 90 Control Application	Call

COMMERCIAL, ACTUATOR

DIRECT COUPLED ACTUATORS



Actuators (DCA) are used within heating, ventilating, and air conditioning (HVAC) systems. They can drive a variety of quarter-turn, final control elements.

Applications include:

- Volume control dampers, mounted directly to the drive shaft or remotely (with the use of accessory hardware).
- Quarter-turn rotary valves, such as ball or butterfly valves mounted directly to the drive shaft.
- Linear stroke globe or cage valves mounted with linkages to provide linear actuation.
- 5 year warranty
- 24 Vac input unless noted
- Modulating models: 2 to 10 Vdc, 4 to 20 mA

NON-SPRING RETURN, 44 LB.-IN.

Honeywell THE POWER OF CONNECTED

Part No.	Control Type	Comment	Price
MN6105A1011	2 Position, Floating	—	Call
MN6105A1201	2 Position, Floating	2 Aux	Call

NON-SPRING RETURN, 88 LB.-IN.

Honeywell THE POWER OF CONNECTED

Part No.	Control Type	Comment	Price
MN6110A1003	2 Position, Floating	—	Call
MN6110A1201	2 Position, Floating	2 Aux.	Call
MN7510A2001	Modulating, Floating	—	Call
MN7510A2209	Modulating, Floating	2 Aux	Call

NON-SPRING RETURN, 175 LB.-IN.

Honeywell THE POWER OF CONNECTED

Part No.	Control Type	Comments	Price
MN6120A1002	2 Position, Floating	—	Call
MN6120A1200	2 Position, Floating	2 Aux	Call
MN7220A2007	Modulating	—	Call
MN7220A2205	Modulating	2 Aux	Call

NON-SPRING RETURN, 300 LB.-IN.

Honeywell THE POWER OF CONNECTED

Part No.	Control Type	Comments	Price
MN6134A1003	2 Position, Floating	—	526.48
MN7234A2008	Modulating	—	607.67

NON-SPRING RETURN, 35 LB.-IN.



- Control signal: SPDT floating, two position
- All include manual declutch level
- Supply power: 24 Vac
- Non-spring return

Honeywell THE POWER OF CONNECTED

Part No.	Timing (Sec.)	Includes	Price
ML6161A2009	90	Feedback Output	161.96
ML6161A2017	420	Feedback Output	165.61
ML6161B2024	90	—	145.87
ML6161B2032	420	—	Call

SPRING RETURN, 27 LB.-IN.



- Zelix, compact actuator

Honeywell THE POWER OF CONNECTED

Part No.	Control Type	Comments	Price
MS8103A1030	2 Position / 24 Vac/dc	—	Call
MS8103A1130	2 Position / 24 Vac/dc	1 Aux	Call
MS4103A1030	2 Position / 120 Vac	—	Call
MS4103A1130	2 Position / 120 Vac	1 Aux	Call
MS7503A2030	Modulating, Floating, 24 Vac/dc	—	Call
MS7503A2130	Modulating, Floating, 24 Vac/dc	1 Aux	Call
MS7403A2030	Modulating, Floating, 24 Vac/dc Economizer 3-Position	—	Call

SPRING RETURN, 44 LB.-IN.

Honeywell THE POWER OF CONNECTED

Part No.	Control Type	Comments	Price
MS4105A1030	2 Position / 120 Vac	—	355.88
MS4105A1130	2 Position / 120 Vac	1 Aux	Call
MS7405A2030	Modulating, Floating, 24 Vac/dc Economizer 3-Position	—	Call
MS7505A2030	Modulating, Floating, 24 Vac/dc	—	426.11
MS7505A2130	Modulating, Floating, 24 Vac/dc	1 Aux	Call
MS8105A1030	2 Position, 24 Vac/dc	—	312.64
MS8105A1130	2 Position, 24 Vac/dc	1 Aux	Call

SPRING RETURN, 88 LB.-IN.

Honeywell THE POWER OF CONNECTED

Part No.	Control Type	Comments	Price
MS4110A1002	2 Position / 120 Vac	—	Call
MS4110A1200	2 Position / 120 Vac	2 Aux	Call
MS7510A2008	Modulating, Floating	—	492.28
MS7510A2206	Modulating, Floating	2 Aux	Call
MS7510H2209*	Modulating, Floating	2 Aux	Call
MS8110A1008	2 Position / 24 Vac	—	373.40
MS8110A1206	2 Position / 24 Vac	2 Aux	Call

* Adjustable Zero and Span

COMMERCIAL, ACTUATOR

DIRECT COUPLED ACTUATORS

SPRING RETURN, 175 LB.-IN.

Honeywell
THE POWER OF CONNECTED

Part No.	Control Type	Comments	Price
MS4120A1001	2 Position / 120 Vac	—	541.31
MS4120A1209	2 Position / 120 Vac	2 Aux	641.81
MS7520A2007	Floating, Modulating	—	641.42
MS7520A2205	Floating, Modulating	2 Aux	Call
MS7520H2208*	Floating, Modulating	2 Aux	Call
MS8120A1007	2 Position	—	465.57
MS8120A1205	2 Position	2 Aux	Call

* Adjustable Zero and Span

DIRECT COUPLED

NON-SPRING RETURN, 70 LB.-IN.



- Supply voltage: 24 Vac
- Timing: 90 seconds
- Includes manual declutch lever

Honeywell
THE POWER OF CONNECTED

Part No.	Control Mode	Control Signal	Price
ML6174B2019	Series 60	SPDT Floating and 2-Position	Call
ML7174A2001	Series 70	4–20 mA or 2–10 Vdc	Call

SPRING RETURN, FIRE/SMOKE, 80 LB.-IN.



- Integral spring return ensures level of return torque.
- Fifteen-second spring return timing.
- 95° angle of rotation for tight damper closure.
- High-temperature indicator included.
- Supply voltage: 120 Vac
- Timing: 15 seconds

Honeywell
THE POWER OF CONNECTED

Part No.	Control Signal	Price
MS4109F1010	2-Position, SPST, CW Return	Call

SPRING RETURN, FAST ACTING, FIRE/SMOKE, 30 LB.-IN.



For on/off damper control with integral junction box ML7174A2001
ML4115B1008

- Timing: 18 seconds

Honeywell
THE POWER OF CONNECTED

Part No.	Supply Voltage	Control Signal	Price
MS4104F1010	120 Vac	2-Position, SPST, CCW Return	Call
MS8104F1010	24 Vac	2-Position, SPST, CCW Return	Call
MS4104F1210	120 Vac	2-Position, SPST, CCW Return	469.39
MS8104F1210	120 Vac	2-Position, SPST, CCW Return	Call

COMMERCIAL, ACTUATOR

DIRECT COUPLED

LINEAR VALVE OPERATOR, NON-SPRING RETURN

ML6421/ML7421 Valve Actuator



Electric linear valve actuator works with standard Honeywell globe valves.
- Supply voltage: 24 Vac
- ML7421B/ML6421B for use with 4-6" Globe Valve only

Honeywell

Part No.	Stroke (In.)	Stem Force (lbf)	Control Signal	Timing (Sec.)	Price
ML6421A1017	3/4	405	SPDT, Floating, On/Off	95	Call
ML6421B1040	1-1/2	405	SPST. On/Off	175	Call
ML7421A1032	3/4	405	2 to 10 Vdc	95	765.97
ML7421B1023	1-1/2	405	2 to 10 Vdc	175	810.36

ML6420/ML7420 Valve Actuator



Electric linear valve actuator works with standard Honeywell V5011/V5013 globe valves.
- For valves with 1 3/8" bonnet to 3" capacity
- Supply voltage: 24 Vac

Honeywell

Part No.	Stroke (In.)	Stem Force (lbf)	Control Signal	Timing (Sec.)	Price
ML6420A3049	3/4	135	SPDT, Floating, On/Off	60	Call
ML6420A3056	3/4	135	SPDT, Floating, On/Off	30	435.07
ML7420A3055	3/4	135	2 to 10 Vdc	60	554.38

LINEAR VALVE OPERATOR, SPRING RETURN



Direct coupled electric linear valve actuator with direct/reverse action switch.
- Supply voltage: 24 Vac
- Use up to 3" Honeywell Globe Valve

Honeywell

Part No.	Stroke (In.)	Stem Force (lbf)	Control Signal	Comments	Price
ML6425A3022	3/4	135	SPDT Floating	Extends Stem Down on Power Failure	804.71
ML6425B3013	3/4	135	SPDT Floating	Retracts Stem Up on Power Failure	804.71
ML7425A3013	3/4	135	0 to 10 Vdc	Extends Stem Down on Power Failure	886.82
ML7425B3012	3/4	135	0 to 10 Vdc	Retracts Stem Up on Power Failure	886.78

PROPORTIONAL, NON-SPRING RETURN



Mounts directly, without a linkage, on V5011A, C, F, G; V5013F and 1/2-3" water and steam threaded, V5011/V5013 N Series valve bodies.
- Supply voltage: 24 Vac
- NEMA 3R cover for outdoor installation
- Field installed auxiliary switches and positive feedback pot available

Honeywell

Part No.	Control Signal	Price
ML7984A4009		518.34
ML6984A4000	3 or 5 Wire Floating, Low Volts SPDT, ON/OFF	448.90

COMMERCIAL, ACTUATOR

HYDRAULIC

2 POSITION



- Spring return
- 2-wire, SPST control
- 2-position actuators controlled by an SPST controller
- No load timing: 60 seconds
- Requires linkage for dampers or valves
- Auxiliary switch (where indicated): SPDT, 10 Amp

Part No.	Power (Vac)	Auxiliary Switch	Price
MA5210	120	No	560.00
MA5210500	120	Yes	Call
MA5213	24	No	560.00
MA5213500	24	Yes	Call

PROPORTIONAL



- Compatibility with 2 to 15 Vdc System 8000 input signals
- Spring return
- Fixed 3 Vdc operating span
- Timing: 60 second extension; 40 second retraction, 15 second retraction (power loss)
- Requires linkage for dampers or valves
- Auxiliary switch (where indicated): SPDT, 10 Amps

Part No.	Power (Vac)	Auxiliary Switch	Price
MP5210	120	No	668.00
MP5210500	120	Yes	802.00
MP5213	24	No	668.00
MP5213500	24	Yes	802.00
MP5230*	120	No	Call

*Damper actuation only

POSITIVE POSITIONING



- Proportional control by variable Vdc input signal
- Compatability with 2 to 15 Vdc System 8000 input signals
- Spring return
- Timing: 60 second extension; 30 second retraction, 15 second retraction (power loss)
- Requires linkage for dampers or valves

Part No.	Power (Vac)	Price
MP5410	120	Call
MP5413	24	889.00

POSITIVE POSITIONING (0-10 VDC)



- Proportional actuators controlled by variable Vdc input signal
- Spring return
- Timing: 60 second extension; 30 second retraction, 15 second retraction (power loss)
- Requires linkage for dampers or valves

Part No.	Power (Vac)	Price
MP5513	24	910.00

COMMERCIAL

ACCESSORIES

DAMPER LINKAGE



Required to modify MA/MP 5210, 5213 actuator for damper applications with 2" stroke.

- For 2-position, spring return actuator
- Includes: mounting bracket, damper linkage with spring and AM-122 straight connector

Schneider Electric t.a.c COLMAN

Part No.	Description	Price
AM601	MA/MP 5210, 5213 Series Damper Linkage	142.00

VALVE LINKAGE KIT



For assembling MA, MF, MP-5X1X and MPR-5X1X Series hydraulic actuators to (1/2" to 1-1/4") valve bodies. Device consists of spring retainer, spring and combination stem extension AV600 and lock nut.

Schneider Electric t.a.c COLMAN

Part No.	Description	Price
AV600	VB9000 Series Body Linkage	38.00
AV7600	VB7000 Series Body Linkage	40.00

LIQUID FLOW SWITCH

STANDARD FLOW RATE, PADDLE



The F61 flow switch is designed for use on liquid lines using water, ethylene glycol solutions. Stainless steel paddle is of three segments for use in pipes from 1" to 3" diameter. F61KB11 and F61MB1 include a 6" paddle for pipes 4" to 6".

- SPDT switch
- Maximum liquid temperature: 250°F
- Minimum liquid temperature: 32°F - F61KB11, -20°F - F61M*
- Maximum liquid pressure: 150 psig
- Gold-plated contacts on F61MG1C

Johnson Controls

Part No.	Enclosure	Dimension (In.)* H	W	D	F.L. Amps (@ 240V)	Price
F261KAH-V01C	NEMA 1	8-3/8	4	2-13/16	8	238.40
F261MAH-V01C	NEMA 3R	8-11/16	4-51/64	2-13/16	8	316.27
F261MAL-V01C	NEMA 3R	8-11/16	4-51/64	2-13/16	8	Call

*Dimension with 3" paddle

STANDARD FLOW RATE, PADDLE



- For starting or stopping electrically operated equipment
- 1" NPT
- Sensitivity adjusting screw
- Single pole, double throw snap switch; 3.7 FLA @ 240V
- Four stainless steel paddles included: 1", 2", 3", and 6"
- Maximum pressure: 160 psi

McDonnell & Miller

Part No.	Description	Price
FS251	Flow Switch, NEMA-1 Case	149.00
FS254	Flow Switch, NEMA-4 Case	200.00
FS415SS	Replacement Paddle Kit	19.00

LOW FLOW RATE, IN-LINE



- SPDT switch
- Maximum liquid temperature: 250°F
- Minimum liquid temperature: 32°F - KD Series -20°F - MD Series
- Maximum liquid pressure: 150 psig

Johnson Controls

Part No.	Connection FPT (In.)	Enclosure	Flow Increase (R to Y Closes) Min.	Max.	Flow Decrease (R to Y Opens) Min.	Max.	F.L. Amps (@ 240V)	Price
F261KFH-V01C	3/4	NEMA 1	.6	1.1	.3	.9	8	Call
F261MFH-V01C	3/4	NEMA 3R	.6	1.1	.3	.9	8	Call

AIR FLOW SWITCH

PADDLE



The F62 air flow switch detects air flow or the absence of air flow in ducts, responding only to velocity of air movement.

- SPDT switch
- Maximum ambient temperature: 100°F
- Maximum air velocity: 2,000 fpm

Johnson Controls

Part No.	Paddle Size (In.)	Dimension (In.) H	W	D	F.L. Amps (@240V)	Price
F262KDH-01C	2-1/8 x 6-7/8	10-3/8	4	2-13/16	8	Call
F261KDH-01C	3-1/8 x 6-7/8	10-3/8	4	2-13/16	8	Call

FLOAT SWITCH



Liquid level control for open and closed tanks and sumps.

- Maximum liquid temperature: 250°F
- Minimum liquid temperature— 32°F: AC Series -20°F: BF Series
- Maximum ambient temperature: 180°F
- Minimum liquid pressure: 100 psig

Johnson Controls

Part No.	Switch	Enclosure	F.L. Amps (@ 240V)	Price
F263MAC-V01C	SPDT	NEMA 1	8	Call
F263MAC-V01C	SPDT	NEMA 3R	8	Call

DIFFERENTIAL PRESSURE SWITCH

AIR FLOW SENSOR



The P32 differential pressure switch is used to sense air flow in ducts.

- Ambient temperature range: -40 to 167°F
- Adjustable setpoint
- Connection: 1/8" FPT
- Contact rating: 4.9 F.L. Amps @ 240V
- P32AC2 is supplied with 1/4" compression fitting, 4" extension tube, 2 mounting screws and "O" gasket

Johnson Controls

Part No.	Switch	Range (In. WC)	Sensitivity at Min. Setpoint (In. WC)	Price
P32AC1	SPDT	.15 to 12 "WC	0.07	Call
P32AC2	SPDT	.05 to 5"WC	0.04	159.03
P32AF1	SPDT	.05 to 5"WC	0.025	142.23

AIR FLOW SENSOR



- Responds to positive, negative, or differential air pressure
- Eliminates "fluttering" or malfunction due to shock or vibration normally encountered with "sail switches"
- Contact rating: 15 resistive amps @ 240 Vac

White Rodgers EMERSON Climate Technologies

Part No.	Range (In W.C.)	Switch	Price
770-1	0.07 to 12.0"WC	SPDT	92.26

DIFFERENTIAL PRESSURE SWITCH



Low differential pressure switch for air proving or filter service applications

Dwyer

Part No.	Range (In. H_2O)	Price
1910-0	.15 to .55	46.25
1910-1	.40 to 1.6	17.90
1910-5	1.40 to 5.5	31.52

DIFFERENTIAL PRESSURE SWITCH, LIQUID

LIQUID



Series P74 measures the pressure difference between two sources

Johnson Controls

Part No.	Switch	Differential Pressure Range (psig)	Differential Switch (psi)	Connection (In.) Size	Connection (In.) Type	Capillary (Ft.)	F.L. Amps (@ 240V)	Price
P74BA1	SPST, Opens Decrease DP	8 to 70	8 to 30	1/4	F Flare	3	20	Call
P74EA8	SPDT	2 to 26	3.5, Fixed	1/4	F Flare	3	16	338.42
P74FA1	SPDT	8 to 60	1.5, Fixed	1/4	M Flare	None	6	321.04
P74FA5	SPDT	8 to 60	1.5, Fixed	1/4	FPT	None	6	321.04
P74FA10	SPDT	2 to 26	1.5, Fixed	1/4	F Flare	3	6	Call

PRESSURETROL®

SPST – PA 404 SERIES



- Sensitive pressure-actuated diaphragm expands or contracts with pressure variations, moving a lever mechanism that operates the snapswitch.
- Use PA404A as high limit safety controller for steam boilers; use PA404B as fan controller for suspension-type unit heaters.
- Contact rating: 5.1 F.L. Amp @ 240 Vac

Honeywell THE POWER OF CONNECTED

Part No.	Switch	Operating Range (psi)	Differential (psi)	Price
PA404A1025	SPST, Opens on Rise	3 to 15	1 to 5	Call
PA404A1033	SPST, Close on Fall	.5 to 9.0	1 to 5	333.14
PA404B1023	SPST, Opens on Fall	.5 to 9.0	1 to 5	Call

L404 SERIES



- Use with steam, air, noncombustible gases, or other fluids noncorrosive to pressure sensing element.
- Contact rating: 5.1 F.L. Amps @ 240 Vac
- SPDT controls include siphon loop (except L404F1102)
- SPST controls include ground screw

Honeywell THE POWER OF CONNECTED

Part No.	Operating Range (psi)	Differential (psi)	Switch	Price
L404F1409	2 to 15	2 to 6	SPST, close on rise	Call
L404F1078	5 to 50	6 to 14	SPDT	322.12
L404F1375	5 to 50	6 to 14	SPST, close on rise	Call
L404F1102	10 to 150	10 to 22	SPDT	330.92
L404F1383	10 to 150	10 to 22	SPST, close on rise	306.03
L404F1094	20 to 300	20 to 50	SPDT	388.94
L404F1391	20 to 300	20 to 50	SPST, close on rise	Call

L404 SERIES OIL



Oil pressure sensing devices for use on oil burner systems using any type of fuel oil

- Siphon loop provides thermal buffer to diaphragm

Honeywell THE POWER OF CONNECTED

Part No.	Operating Range (psi)	Differential (psi)	Price
L404V1095	5 to 50	6 to 14	Call
L404T1063	10 to 150	10 to 22	Call
L404V1087	10 to 150	10 to 22	587.57

COMMERCIAL

PRESSURETROL®

MANUAL RESET



- High pressure limit switches
- Stainless steel diaphragm for use with steam, air, noncombustible gases and fluids noncorrosive to stainless steel.
- Snap-acting switches open automatically on pressure rise; must be manually reset.
- Breaks 1 circuit
- Siphon loop included
- L4079W for oil applications, above 85 psi intermittent only

Honeywell

Part No.	Operating Range (psi)	Price
L4079B1033	2 to 15	290.83
L4079B1058	5 to 50	Call
L4079B1041	10 to 150	380.27
L4079B1066	20 to 300	Call
L4079W1000	10 to 150, oil	Call

PROPORTIONAL

L91 Series



Modulating pressure operating control for regulation of liquid or air and other non-corrosive gases.

- Use with steam, air, noncombustible gases, or other fluids noncorrosive to the brass or phos-bronze (300 psi models) bellows. Do NOT use with combustible mediums or any medium chemically harmful to phosbronze bellows (10–300 psi models) or brass bellows.
- L91A: Fixed differential
- L91B: Adjustable differential

Honeywell

Part No.	Operating Range (psi)	Differential Midscale (psi)	Price
L91A1037	0 to 15	7 Oz./Sq. In.	470.45
L91A1052	5 to 150	5	Call
L91A1078	110 to 300	12	585.73
L91B1035	0 to 15	1 to 12	524.91
L91B1050	5 to 150	5 to 23	Call
L91B1068	10 to 300	28 to 110	637.56
L91B1241	10 to 300	12 to 48	Call

P7810 Series



Line voltage pressure controller that provides automatic operating control, automatic limit protection, manual reset limit protection, and 4-20ma modulating firing rate control for pressure systems up to 300 psi.

- May be used with steam, air, non-combustible gases or fluids that will not corrode the pressure sensing element.
- LED indicators show limit function/lockout.
- Reset function easily accessible under cover.
- Clear cover allows set point and differentials to be read (but not adjusted) without opening the cover
- Application: On-off, Modulate and Limit Control, (breaks on pressure rise)
- Pipe Connections, Main or High Pressure: 1/2 in. NPT internal thread
- Sensor Element: Stainless Steel, solid state sensor
- Voltage: 120Vac, 50/60

Honeywell

Part No.	Operating Range (psi)	Differential Midscale (psi)	Price
P7810C1000	0 to 15	2 to 10	Call
P7810C1018	0 to 150	5 to 20	Call
P7810C1026	0 to 300	15 to 50	Call

HUMIDITY SENSOR

WALL MOUNT



Provides automatic control of a humidifier or dehumidifier for dehumidification and mildew control in air conditioning systems.

- Fully enclosed, dust free, SPST, snap-acting switch
- 24/120/240 Volt

Honeywell

Part No.	Switch	Use With	Humidity Range (% R.H.)	Finish	Contact Rating (@ 240 Vac)	Price
H46C1166	SPST, Close on Rise	Dehumidifier	20 to 80	White	3.8	92.58

CONVERTIBLE



Operates humidification equipment on relative humidity fall or dehumidification equipment on relative humidity rise.

- Fully enclosed, dust-free, SPDT, snap-acting switch
- Not to be wall mounted

Honeywell

Part No.	Switch	Use With	Humidity Range (% R.H.)	Contact Rating (@ 240 Vac)	Price
H600A1014	SPDT	Universal	20 to 80	3.8 Dehumidifier	328.92

COMMERCIAL

HUMIDITY SENSOR

HUMIDISTAT



Ranco humidity controls are designed to regulate the relative humidity of confined air spaces by cycling humidifying or dehumidifying equipment. J10 controls may be wall mounted and used to control exhaust fans or a furnace humidifier. The J10-808 control may also be duct mounted. The J10-809 Series can be wired in series or parallel with any 24 volt non-electric thermostat for humidity control in conditioned spaces.

RANCO invensys.

Part No.	Function	Humidity Range (% R.H.)	Voltage (Vac)	Price
J10808	Humidistat, SPST	10 to 60	24	Call
J10809	Dehumidistat, SPST	20 to 80	24	Call
J10809W*	Dehumidistat, SPST	20 to 80	24	Call

*White cover

ENTHALPY/SOLID STATE



Provides solid state enthalpy changeover control in economizer systems.

- Consists of a W745A solid state economizer logic module and a C7400 solid state enthalpy sensor on a mounting plate
- Mounts in any position in outdoor air duct
- Controls both electromechanical and electronic systems
- Power supply: 24 Vac

Honeywell

Part No.	Switch	Price
W7220A1000	SPDT	Call

CONVERTIBLE



The H8908 humidity controllers provide automatic low voltage control of humidifiers and dehumidifiers or ventilators, respectively, in central heating and air conditioning systems. They have an SPST, snap-acting, dust-proof switch and are designed for wall or surface duct mounting.

- Humidity range: 10 to 60% RH
- Temperature range: -20 to 120°F
- Color: premier white®
- Voltage: 24 Vac, 50VA

Honeywell

Part No.	Application	Price
H8908ASPST	Humidistat	107.66
H8908DSPST	Dehumidistat	168.93

2 POSITION HUMIDITY



These controllers provide low or line voltage on-off single stage control of humidifiers, dehumidifiers, valves, solenoid valves, compressors, relays, etc.

- Scale range: 15 to 95% RH, 5% switch differential
- SPDT switch

Schneider Electric t.a.c COLMAN

Part No.	Description	Price
HC201	Duct Mount Humidity Controller	370.00

WALL TRANSMITTER



The HE67XX Series houses both a humidity transmitter and a temperature sensor in a single, wall-mounted unit. The humidity sensor is capable of measuring humidity over the entire range of 0 to 100% relative humidity with an accuracy of 3%.

- Humidity and temperature sensors in one unit eliminate need for separate sensors and reduce installation time and cost
- Supply voltage: 12–30 Vdc or 20–30 Vac, 50/60 Hz
- Output: 0–10, 0–5 Vdc

Johnson Controls

Part No.	Description	Price
HE67S30NOBT	Transmitter, Thin Film Nickel, Temperature	434.04
HE67N30N0BT	Transmitter, Planar Silicon, Temperature Sensor	434.04

DUCT TRANSMITTER



The HE67XX Series combines humidity and temperature sensing in a single duct-mounted unit. The humidity sensor is capable of measuring humidity over the entire range of 0 to 100% relative humidity with an accuracy of 3%.

- Supply voltage: 12–30 Vdc or 20–30 Vac, 50/60 Hz
- Output: 0–10, 0–5 Vdc

Johnson Controls

Part No.	Description	Price
HE67N30NOOP	Transmitter, Thin Film Nickel, Temperature Sensor	Call
HE67S30NOOP	Transmitter, Planar Silicon, Temperature Sensor	Call

HUMIDITY CONTROL



The W351 humidity control contains an SPDT relay with LED indication of relay status, for use with humidification and dehumidification equipment. Adjustments include setpoint (10 to 90% RH), differential (2 to 10% RH), and humidify/dehumidify mode of operation. Typical applications include humidity control of clean rooms, computer rooms, office space, and warehouses.

- Use with HE67S30 wall or duct humidity sensors

Johnson Controls

Part No.	Includes	Price
W351AB2	—	331.02
W351AA1	Wall Humidity Sensor	1052.66

HUMIDITY SENSOR

SOLID STATE



Used with any controller capable of processing a 4–20 mA or 2–10 Vdc signal.

- Operating temperature: 32–125°F
- Operating humidity: 10–90% RH

Honeywell

Part No.	Mounting	Control Signal	Use With	Price
C7600A2008	Duct or Wall	4–20 mA Inversely Proportional	W7600	Call
C7600B2008	Junction Box Wall	2–10 Vdc Directly Proportional	T775U	214.36
C7600C2001	Duct or Wall	4–20 mA DirectlyProportional	T775U	Call

ENTHALPY SENSOR



- Senses temperature and humidity
- Solid state
- Use with W72XX and W7459A

Honeywell

Part No.	Control Signal	Price
C7400A2001	4–20 mA output	160.03

HUMIDITY TRANSDUCER



Highly accurate, stable humidity transducers designed for use with HVAC controllers such as the T7350 thermostat, H775 remote humidity controller, and W7760 DDC control. The ceramic technology humidity sensor is not affected by condensation and other limitations that sensors that use water soluble polymer coatings exhibit and provides excellent long-term stability.

- Ceramic Technology allows sensors to recover fully from condensation, fog, and high humidity. (H7655A uses a polymer capacitance humidity sensor)
- Will accept 20kΩ NTC temperature sensor (except H7655A)
- Highly accurate, repeatable, stable output with negligible hysteresis.
- Temperature compensated output.
- Zero and span trimmers, and increment/decrement recalibration feature.
- All units have selectable 4-20 mA, 0-10 Vdc, or 0-5 Vdc output.
- NIST traceable calibration; every sensor calibrated at 3 different points.
- All humidity sensors use the same enclosure as the T7770 sensor, except the H7655A, which uses the T7047-like enclosure.

Honeywell
THE POWER OF CONNECTED

Part No.	Mounting	Use With	Price
H7625A2010	Wall	T7350, XL10, XL15	Call
H7625B2006	Duct	T7350, XL10, XL15	Call
H7635A2012	Wall	T7350, XL10, XL15	Call
H7636A2022	Wall	T7350, XL10, XL15, T775 Series 2000	Call
H7655A1001	Wall	T7350, XL10, XL15	Call

TEMPERATURE SENSOR

PROBE



The TE-6000 sensing elements are typically used with TE-6001 hardware assemblies in a wide variety of temperature sensing applications. All models are nickel wire wound elements.

Johnson Controls

Part No.	Resistance @ 70°F (W)	Tolerance	Type	Price
TE60001	1000	±1.0%	Strap-on	55.86
TE6000100	1000	±0.1%	Ultra-precision, Standard	86.28

ELEMENT



TE-6100 completed assemblies are used in a wide variety of temperature sensing applications.

Johnson Controls

Part No.	Type	Price
TE61001	Nickel	263.26
TE61002	Nickel	Call

SENSOR



- Requires T4002 Series cover to complete installation

Johnson Controls

Part No.	Type	Description	Price
TE610011	Nickel	Room Sensing Element, Phone Jack, Less Cover	125.06
TE610012	Nickel	Room Sensing Element, Setpoint, Phone Jack, Less Cover	Call
TE6100960	Silicon	Space Temp. Assembly, Setpoint, Wall Plate Adaptor, Less Cover	141.43
TE6100961	Silicon	Space Temperature Assembly, Wall Plate Adapter, Less Cover	Call

DISCHARGE AIR, C7046 SERIES



Electronic.

Honeywell
THE POWER OF CONNECTED

Part No.	Element Insertion Length (In.)	Sensor Resistance (W)	Description	Price
C7046A1004	8	3000 @ 77°F NTC	No Setpoint	65.89
C7046A1038	12	3000 @ 77°F NTC	No Setpoint	Call
C7046B1010	6	22.8K @ 77°F NTC	Zone Discharge, Hot Deck, Cold Deck, Remote Return Air	Call
C7046D1008	8	1097 @ 77°F PTC	Discharge Temp.	Call

COMMERCIAL

TEMPERATURE SENSOR

DISCHARGE AIR, C7100 SERIES



- Element insertion: 13-1/4"
- Electronic

Honeywell

Part No.	Type	Use With	Range (°F)	Price
C7100A1015		W7100	40–220	160.60
C7100B1013	Thermistor	W7080	40–150	146.44
C7100D1001	PT1000	XL500, XL600	40–100	Call

AVERAGING



Intended for use with T775 electronic remote temperature controller

Honeywell

Part No.	Temperature Range (°F)	Insertion Length (In.)	Price
C7100C1003	40 to 220	13	160.60

ZION™ LCD WALL MODULE



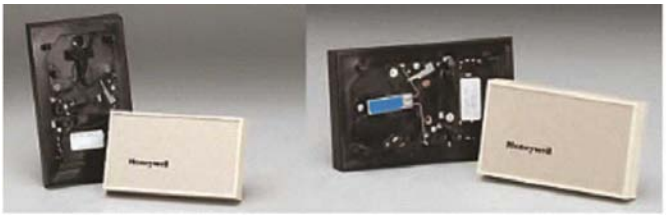
These sensors are 2-wire, non-polarity sensitive, Sylk™ bus communicating wall modules for use with Spyder™ programmable controllers. All models have a space-temperature sensor, network bus jack, and an LCD with three softkeys and two Up/Down adjustment keys. The TR70H model includes an onboard humidity sensor.

- Ability to control user access to controller parameters.
- Programmable for: Home screen options, tenant access, contractor access, access to controller parameters, setpoint, override, fan, and other parameters.
- Supplied with eight pre-programmed configurations in the wall module configuration tool.
- Ability to balance the VAV system from the wall module.
- Home screen can display one to three of any of the following parameters: Temperature Setpoint, Room Temperature, Room Humidity, Outdoor Humidity, Outdoor Temperature, and Time, or one of virtually any parameter in the controller.
- Simple 2-wire terminal connection to the programmable controller and an optional 2-wire terminal connection for the network. All connections are polarity insensitive.
- Retention of user configuration, including setpoints after a power outage.

Honeywell

Part No.	Setpoint Range	Description	Price
TR70	55 to 85°F	Temperature	Call
TR70H	55 to 85°F	Temperature and Humidity	Call

WALL, ELECTRONIC



Primary sensor for use with R7380J,L indicating controller and W7100 discharge controllers in indoor spaces.

- Platinum positive temperature coefficient sensor
- Sensor can be located up to 300' from controller

Honeywell

Part No.	Operating Range (°F)	Resistance (ohm)	Price
C7130A1001	-40 to 100	3484 @ 77°F	Call
C7130B1009	-40 to 100	1100 @ 77°F	88.91

WALL MODULE, ELECTRONIC



A family of direct wired wall modules for use with Honeywell Excel 800, 600, 500, 100, 80, 20 (all fully programmable) and W7750, W7751, W7752, W7753, W7761 controllers. All models have a space temperature sensor; some models have setpoint adjustment, override with LED and fan switch.

- Non linear sensor
- TR21A used for averaging in T7350 application

Honeywell

Part No.	Setpoint Range (°F)	Comments	Price
TR21	—	—	38.55
TR21H	—	Humidity, Network jack	Call
TR21A	—	For averaging	54.91
TR21J	—	Network jack	49.12
TR22	Per selection	Selectable setpoint, network jack	Call
TR22F5	Per selection	Network jack, 5 position fan	Call
TR23	Selectable	Selectable setpoint, network jack, override/LED	111.82
TR23N	Per knob	Selectable setpoint knob, network jack, override/LED	Call
TR23H	55 to 85°F	Humidity, selectable setpoint knob, network jack, override/LED	Call
TR23F3	Per selection	Selectable setpoint, network jack, override/LED, 3 position fan	Call
TR23F5	Per knob	Selectable setpoint knob, network jack, override/LED, 5 position fan	Call
TR24	—	Network jack, override/LED	Call

TEMPERATURE SENSOR

WIRELESS WALL SENSOR



- Wall module to Receiver (point to point) wireless kits can replace any standard wired sensor
- Wireless Kits (wall module and receiver) are pre bound at the factory for quick installation
- Signal Strength LED built into the wall module
- Optional dip switches available to bind any wall module to any receiver

Honeywell
THE POWER OF CONNECTED

Part No.	Description	Price
TR21-WS	Wireless Temperature Sensor	Call
TR23-WS	Wireless Temperature Sensor with Setpoint (F/C/Relative) and Override Button	Call
TR21-WK	Wireless Temperature Sensor Kit: includes TR21-WS Sensor and WRECVR Receiver (Bound at Factory)	Call
TR23-WK	Wireless Temperature Sensor Kit: includes TR23-WS Sensor and WRECVR Receiver (Bound at Factory)	Call
WRECVR	Receiver Used with Wireless Wall Sensors TR21-WS and TR23-WS	Call

PROBE SENSOR



Primary electronic temperature sensor for the R7380J,L W7100 and W7505 load inputs

- Two-wire, platinum positive temperature coefficient sensor
- Sensor can be located up up to 1195' from controller

Honeywell

Part No.	Range (°F)	Resistance (ohm)	Lead Length (In.)	Price
C7170A1002	-40 to 257	3484 @ 77°F	24	149.78
C7170A1010	-40 to 257	3484 @ 77°F	180	202.19
C7170B1000	-40 to 257	1097 @ 77°F	24	Call

DUCT



Direct-wired temperature sensor used to sense discharge or return air temperature in a duct controlled by an Excel 10 Series 2000 controller.

- Primary and/or secondary sensor for use with electronic control systems
- Integral 20K Ω non-linear NTC thermistor

Honeywell

Part No.	Temperature Range (°F)	Price
C7770A1006	45–99	53.63

AIR, ELECTRONIC



Used with the W973 single zone system, the M7415A actuator or a solid state economizer module to sense mixed or discharge air in roof-top packaged air conditioning equipment.

- Negative temperature coefficient causes resistance to decrease as sampled air temperature increases.

Honeywell

Part No.	Use With	Price
C7150B1004	W973, W7459, W6210/W7210, W6215/S7215/W7460, M7415	45.68

DDC



Electronic temperature sensors used with DDC systems.

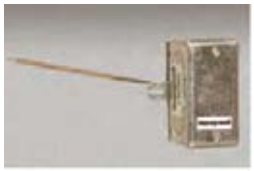
- Solid state thermistor element provides accurate sensing of temperature changes.

Honeywell
THE POWER OF CONNECTED

		Element			
Part No.	Application	Sensor Resistance (Ohm)	Range (°F)	Length (In.)	Price
C7031B2005	Duct Discharge Air	1097 at 77°F	-40 to 250	6	Call
C7031D2003	Hot or Chilled Water, Includes well	1097 at 77°F	40 to 350	5	Call
C7031G2006	Outdoor Air Sensor	1715 at 90°F	-40 to 120	—	Call
C7031G2014	Outdoor Air Sensor	3484 at 77°F	-40 to 120	—	Call
C7031J2009	Duct Averaging Sensor	1097 at 77°F	40 to 180	144	Call

TEMPERATURE SENSOR

SENSOR



C7041D is for immersion mounting sense water temperature. C7041F sense outdoor air temperature and are weatherproof for outdoor use (knockouts allow for 1/2 in. conduit connection).
20 KΩ NTC @ 77°F sensors designed to be used with Honeywell DDC systems (Excel 500, 100, 80, 50, 10)

Honeywell
THE POWER OF CONNECTED

Part No.	Application	Element Range (°F)	Length (In.)	Price
C7041B2005	Duct Mount	-40 to 250	6	37.10
C7041B2013	Duct Mount	-40 to 250	12	40.93
C7041C2003	Duct Mount	-40 to 250	18	44.72
C7041D2001	Use Well 50001774-001	-40 to 250	4	39.69
C7041K2005	Water/Strap On	-40 to 250	Integral	Call
C7041F2006	Outdoor	-40 to 250	Integral	53.44
C7041J2007	Duct Mount, Averaging	-40 to 250	144	Call
C7041R2000*	Duct Mount, Averaging	-40 to 250	144	Call
C7041P2004	Button, Surface Mount	-40 to 250	1 3/16	Call
C7772A1004	Wall Mount/Flush Type	45 to 99	Integral	Call

*Flexible Copper Averaging Sensor

ROOM



- Dial stop pins to limit setpoint range
- Balco resistance: 1000Ω @ 70°F, 2.2Ω/°F

Schneider Electric t.a.c COLMAN

Part No.	Temp. Range (°F)	Cover Configuration	Price
TSMN81011	55 to 85	Standard	Call

REMOTE



These temperature sensors provide electronic sensing of temperature at remote locations, ducts, plenum chambers, liquid lines, tanks, outdoor air, etc.

- System 8000 compatibility
- Balco resistance: 1000 @ 70°F, 2.2Ω/°F, TS8204: 1657Ω @ 300°F

Schneider Electric t.a.c COLMAN

Part No.	Mounting	Element	Description	Price
VERT510	7/32" Dia. Hole	3/4" x 1-1/4"L	Unitary	Call

*With enclosure

DUCT



C7660 selectable temperature sensor is used with the W7459, W7460 and W72XX economizer controls which are mounted on an M7415/M7215 Actuator. They permit the use of outdoor air as the first stage of HVAC systems. The C7660 Selectable Temperature Sensor is only to be used with single temperature change over with the sensor located in the outdoor air.

- Senses temperature of outdoor air and provides a signal to economizer control with OK or not OK to economize.
- Selectable dip switch provides 8 change over temperature options.

Honeywell
THE POWER OF CONNECTED

Part No.	Control Signal	Price
C7660A1000	4 or 20 mA output	88.58

COMMERCIAL

CO_2 SENSOR

C7232 Series



CO_2 sensor for Demand Control Ventilation Models available with LCD that provides sensor readings and status information.

- Non-Dispersion-Infrared (NDIR) technology used to measure carbon dioxide gas.
- Gold-plated sensor provides long-term calibration stability.
- Device provides voltage output based on CO_2 levels.
- Models available with SPST relay output.

Honeywell
THE POWER OF CONNECTED

Part No.	Display	Relay Output	Mounting	Price
C7232A1008	Yes	1 SPST -NO	Wall	570.32
C7232A1016	No	1 SPST -NO	Wall	554.24
C7232B1014	No	1 SPST -NO	Duct	665.01

C7632 Series



The CO_2 sensors offer a fixed 0- 2000ppm and fixed 0-10Vdc output. Used in determining ventilation necessity with HVAC controllers. The sensor measures the CO_2 concentration in the ventilated space or duct. The sensors are used in ventilation and air conditioning systems to control the amount of fresh outdoor air supplied to maintain acceptable levels of CO_2 in the space.

- Non-Dispersion-Infrared (NDIR) technology used to measure carbon dioxide gas.
- Gold-plated sensor provides long-term calibration stability.
- Automatic Background Calibration algorithm based on long-term evaluation reduces required typical zero-drift check maintenance.

Honeywell
THE POWER OF CONNECTED

Part No.	Display	Mounting	Price
C7632A1004	No	Wall	Call
C7632B1002	No	Duct	Call

WALL SENSOR



The CWE Series is a non-dispersive infrared analyzer designed for measuring environmental CO_2 concentration in ventilation systems and indoor living spaces. Its measurement range of 0-2000 ppm makes it compliant with ASHRAE and other standards for ventilation control.

- Accurate to ±30 ppm ±5% of measured value
- Repeatable to ±20 ppm ±1% of measured value
- Measurement Range: 0 to 2000 ppm
- 20 to 30 Vdc / 24 Vac; 100 mA maximum
- 5 year calibration interval

VERIS INDUSTRIES

Part No.	Input Range	Price
CWE	Carbon Dioxide Wall Sensor	Call

ENVIRONMENTAL SYSTEMS CONTROL

DISCHARGE AIR TEMPERATURE



Maintains an average discharge air temperature in variable air volume (VAV) systems or other systems requiring discharge air control of multistage cooling or heating. Reduces kilowatt demand and consumption by maintaining the minimum amount of heating or cooling capacity required to hold the discharge air set point. Utilizes economizer for free cooling when available.

- Supply voltage: 20–30 Vac

Honeywell
THE POWER OF CONNECTED

Part No.	Stages Heat	Stages Cool	Setpoint Range (°F)	Price
W7100A1053	None	6	40 to 90	3830.67
W7100C1018	2	4	40 to 90	4013.06

DISCHARGE WATER TEMPERATURE



Controls discharge water temperature in reciprocating chiller and cooling tower applications.

- Supply voltage: 20–30 Vac

Honeywell
THE POWER OF CONNECTED

Part No.	Stages Cool	Setpoint Range (°F)	Price
W7100G1001	6	10 to 60	3921.85

LOGIC PANEL



Controls heating, cooling and economizer operation in commercial air conditioning and heat pump equipment.

- Panels can be used with staged gas, oil, or electric heat; modulating gas, hot water, or steam heat; and direct expansion or modulating chilled water cooling.
- Controls up to 3 on/off heat or cool stages or up to 10 on/off heat and/or cool stages using W975 satellite sequencers.
- Supply power: 24 Vac

Honeywell
THE POWER OF CONNECTED

Part No.	Stages Heat	Stages Cool	Comments	Price
W973A1017	2	2	—	1743.93
W973B1016	3	3	Provides Modulating Heat/Cool Output	2488.78
W973F1004	4	2	—	2338.36
W973J1017	4	4	—	2649.37

COMMERCIAL

ENVIRONMENTAL SYSTEMS CONTROL

SETBACK/SETUP MODULE



Used with W973 logic panel to conserve energy during building unoccupied periods. Provides heating setback and either cooling shutdown or cooling setup. During unoccupied periods, outdoor air damper is closed and system fan is switched from continuous to intermittent operation. In cooling setup mode, W974B automatically cycles fan with a call for heating, cooling or economizer. In cooling shutdown mode, W974B automatically cycles fan with a call for heating. Economizer provides first stage of cooling in cooling setup mode.

Honeywell
THE POWER OF CONNECTED

Part No.	Temperature Selections		Price
	Setback (°F)	Setup (°F)	
W974B1006	5, 10, 15	5, 8, 12	1246.38

ECONOMIZER™ LOGIC



Use with C7400 enthalpy sensor or C7650 dry bulb temperature sensor and Honeywell Series MS75xx actuators to proportion outdoor and return air dampers for economizer control in commercial HVAC equipment.

- Built-in adjustable minimum damper position potentiometer determines the amount of outdoor air admitted to meet minimum ventilation requirements.

Honeywell
THE POWER OF CONNECTED

Part No.	Description	Price
W7212A1009	Module, Demand Control Ventilation	Call

ECONOMIZER™ LOGIC MODULE, ENHANCED



Use with C7400, or C7650 and C7150B or C7046 Sensors; indoor air quality (IAQ) sensor (2-10 Vdc); and Honeywell Series 72 actuators, or M7415 Damper Actuator to proportion outdoor and return air dampers for economizer and ventilation control in commercial HVAC equipment.

- Combines solid state enthalpy or dry bulb changeover control, minimum and maximum damper position potentiometer and DCV setpoint functions.

Honeywell
THE POWER OF CONNECTED

Part No.	Use With	Air Temperature Input	Price
W7215B1004	Series 72 Actuators	C7150,C7046,C7650,C7232,C7400	Call

THERMOSTAT

2 POSITION DUPLEX



Provides on/off control of heating/ cooling systems, lower line voltage, fan coils, motor starters and contactors.

Schneider Electric t.a.c COLMAN

Part No.	Setpoint Range (°F)	Differential (°F)	Price
TC1101	55 to 85	2	252.00
TC1102	45 to 75	2	289.00
TC1151*	55 to 85	1.5	Call

*Dual case size—matches TC1161

DUCT SMOKE DETECTOR

LOW-FLOW, PHOTOELECTRIC



The InnovairFlex D4120 4-wire photoelectric duct smoke detector features a pivoting housing that fits both square and rectangular footprints and mounts to round or rectangular ductwork.
A plug-in sensor head offers improved false alarm immunity and simple installation, testing, and maintenance. The InnovairFlex housing provides ample wiring space, a 3/4 inch conduit knockout, and built-in short circuit protection to prevent damage to sensitive components during installation. As many as 50 InnovairFlex detectors can beinterconnected. When one unit senses smoke, all interconnected detectors will switch their relays; only the detector sensing smoke will go into alarm, thus pinpointing the fire source.

- 24 Vac/Vdc or 120 Vac operation
- Built-in reset button
- Remote test station option
- Remote sounder option
- Air velocity rating from 100–4000 fpm
- Two DPDT form-C relay contacts
- Temperature range: -4 to 158°F
- Patented sampling tube installs from front or back of the detector with no tools required

SYSTEM SENSOR

Part No.	Description	Price
D4120	Low-Flow, Photoelectric	136.68
D4120W	Low-Flow, NEMA 4, Waterproof	Call

MULTI-SIGNALING ACCESSORY



Designed to work with InnovairFlex 4- wire conventional duct smoke detectors. These accessories include a key switch that can be used to select one of two connected sensors to be tested, reset, or both by a push button switch. The
AOS is an optional accessory included with the RTS2-AOS model.

SYSTEM SENSOR

Part No.	Description	Price
RTS2	Multi Signaling Accessory	90.24
RTS2-AOS	Multi Signaling Accessory with Add-On-Strobe (RTS2 & AOS)	135.36
AOS	Add-On-Strobe for use with RTS2	Call

COMMERCIAL

DUCT SMOKE DETECTOR

WEATHERPROOF ENCLOSURE



The DH400OE-1 all-weather outdoor enclosure is specifically designed to protect the system sensor hightemperature model DH400, D4120 duct smoke detector from harsh elements. This enclosure provides the protection needed to meet agency requirements in outdoor installations against rain, sleet and snow or indoors against dripping water.

- Special sampling tube gaskets are included as required by U.L. 268A Listing

Part No.	Use With	Price
DH400OE1	DH400ACDCIHT	256.26

SAMPLING TUBES



Used to sample duct airflow for models D4120, D4120W

Part No.	Use for Duct Widths (Ft.)	Price
DST1	to 1	Call
DST1.5	1 to 2	6.88
DST3	2 to 4	9.96
DST5	4 to 8	12.04
DST-10	8 to 12	Call

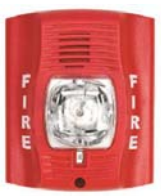
ANNUNCIATOR



Remote annunciator for InnovairFlex™ duct smoke detectors. Designed for both conventional and intelligent applications. Their red LED provides visual indication of an alarm condition.

Part No.	Description	Price
RA100Z	Remote Annunciator	17.20

HORN/STROBE



- Operates on either 12V or 24V
- Tamper resistance capability
- Field selectable candela settings on wall and ceiling units
- Automatic selection of 12 or 24 volt operation at 15 and 15/75 candela
- Minimal intrusion into the back box
- Horn rated at 88+ dbA at 16 volts
- Rotary switch for tone selection
- 3 horn volume settings
- Electrically compatible with existing SpectrAlert products
- Meets UL1971, NFPA72, and ADA signaling requirements

Part No.	Description	Price
P2R	Horn/Strobe	Call

STROBE



- Operates on either 12V or 24V
- Easy candela selection
- Easy DIP switch selection for horn options
- Easy mounting with QuickClick™
- Synchronizable with MDL Sync
- Circuit™ module
- Meets UL1971, NFPA72, and ADA signaling requirements

Part No.	Description	Price
S1224MC	Strobe Only	Call

REMOTE TEST STATION



Remote test stations are automatic fire detector accessories designed to test duct smoke detectors from a convenient location. For 4-wire detectors, the RTS151KEY test station features a multi-colored LED that alternates between steady green and red. For 2-wire detectors, the LED illuminates red for alarm

Part No.	Description	Price
RTS151	Test Station	36.54
RTS151KEY	Test Station with Key Switch	53.18

PNEUMATIC

PNEUMATIC THERMOSTAT

LOW VOLUME



The T-3610 pneumatic thermostat is a low volume proportional controller providing temperature control for a wide variety of applications including return air, mixed air, and unit ventilator control.

Part No.	Includes	Price
T3610-1001	8' Averaging Element, 5 Holders	447.36
T36101003	18" Rigid Stem Element with Duct Mounting Bracket	407.46

HIGH VOLUME, SINGLE TEMPERATURE



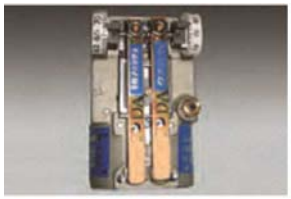
The T4002 is a high volume output, single temperature thermostat.
Note: Requires mounting bracket and cover to complete installation

Part No.	Action	Mount	Price
T4002201	Direct Acting	Horizontal	188.72
T4002202	Reverse Acting	Horizontal	188.72
T4002203	Direct Acting	Vertical	188.72
T4002204	Reverse Acting	Vertical	188.72

PNEUMATIC

THERMOSTAT

2 PIPE, HIGH VOLUME, ENERGY MANAGER



The T-4054 heating-cooling, energy manager thermostat is a high volume output, with an adjustable deadband of 0 to 30°F between heating and cooling set points.
Note: Requires mounting bracket and cover to complete installation

Part No.	Action	Price
T4054-1	Direct Acting	275.94
T4054-2	Reverse Acting	275.94

2 PIPE, LOW VOLUME, SINGLE TEMPERATURE



The T4100 is a low volume output, single temperature thermostat.

Part No.	Action	Price
T41001	Direct Acting	207.19
T41002	Reverse Acting	207.19

2 PIPE, HIGH VOLUME, DAY/NIGHT



The 4506 is a high volume output, dual temperature, dual dial thermostat. The T4506 provides individual day and night, or two setpoint temperature control.
Note: Requires mounting bracket and cover to complete installation

Part No.	Description	Price
T4506201	Direct Acting, Horiz. Mounting, w/Indexing Switch, Switchover 17 psi	389.01
T4506202	Direct Acting, Vert. Mounting, w/Indexing Switch, Switchover 17 psi	Call
T4506209	Reverse Acting, Horiz. Mounting, w/Indexing Switch, Switchover 17 psi	389.01
T4506203	Direct Acting, Horiz. Mounting, w/o Indexing Switch, Switchover 17 psi	347.06
T4506204	Direct Acting, Vert. Mounting, w/o Indexing Switch, Switchover 17 psi	Call
T4506217	Reverse Acting, Horiz. Mounting, w/o Indexing Switch, Switchover 17 psi	347.06

2 PIPE, LOW VOLUME, ENERGY MANAGER



The T-4600 is a low volume output, energy managing, heating-cooling thermostat. The independent setpoints can result in a deadband to encourage energy conservation by eliminating heating and cooling overlap.

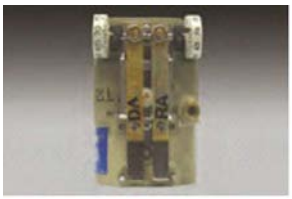
Part No.	Action	Price
T46001	Direct Acting	Call
T46002	Reverse Acting	Call

SINGLE TEMPERATURE, SINGLE PRESSURE

- External set point adjustment
- Includes protective snap-on cover
- Includes pointer tabs to restrict the temperature adjustment range to as little as ±2.5°F
- Factory calibrated for a nominal adjustment of
- ±7.5°F, from a set point of 75°

Part No.	Action	Price
T31002	Direct Acting	563.65

2 PIPE, HIGH VOLUME, DUAL TEMPERATURE



The T-4756 is a high volume output, dual-temperature, dual-dial, heating cooling thermostat. The T-4756 provides automatic changeover between direct and reverse actions when supply pressure changes from 15 to 20 psig.
Note: Requires mounting bracket and cover to complete installation

Part No.	Action	Mount	Price
T4756205	15 psig Reverse/20 psig Direct	Horizontal	339.50

3 PIPE, HIGH VOLUME, DAY NIGHT

A high volume output, dual temperature, dual dial thermostat. The T-4516 provides individual day and night control, or weekend setback.

- Available in direct acting with auto switchover at 17 psig
- Additional output air terminal which can be used as an on-off switchline pressure
- Includes Fahrenheit dial
- Provided with an optional manual indexing switch that permits you to restore the day temperature of the individual thermostat without affecting the other system thermostats. Indexing switch can be unlatched manually or will automatically reset with the day cycle.

Part No.	Action	Price
T4516201	Dual Direct Acting	389.01

2 PIPE, HIGH VOLUME, ENERGY MANAGER

A high volume output, heating-cooling thermostat. Provides automatic changeover between Direct Acting (DIR) and Reverse Acting (REV) when supply pressure changes from 15 to 20 psig (105 to 40 kPa). Includes fahrenheit dial Order cover and mounting bracket separately

Part No.	Action	Pressure (psig)	Price
T4752201	DA/RA	15-DA/20-RA	320.66
T4752205	RA/DA	20-DA/15-RA	320.66

PNEUMATIC

THERMOSTAT

COVERS



Covers for T4000 Series thermostats.

Johnson Controls

Part No.	Material	Thermometer	Mount	Window	Price
T40002138	Beige Plastic	No	Horiz. or Vert	No	28.24
T40002139	Beige Plastic	No	Horiz.	No	28.24
T40002140	Beige Plastic	Yes	Horiz.	No	36.72
T40002141	Beige Plastic	No	Horiz.	1	28.24
T40002142	Beige Plastic	Yes	Horiz.	1	36.72
T40002144	Beige Plastic	No	Vert.	No	28.24
T40002145	Beige Plastic	No	Vert.	1	Call
T40002146	Beige Plastic	Yes	Vert.	1	36.72
T40003139	White Plastic	No	Horiz.	No	29.62
T40003141	White Plastic	No	Horiz.	1	Call

ACCESSORIES



See Thermostat Conversion Kit section for additional mounting brackets.

Johnson Controls

Part No.	Description	Price
T4002124	T4000 Thermostat Mounting Bracket	14.42
T40023001	Wire Guard for Concealed Tubing	Call
T40023004	Cast Aluminum Guard and Mounting Bracket	Call

THERMOSTAT KIT

2 PIPE, HIGH VOLUME CONVERSION KIT



The T4002-30X thermostat with cover and two-pipe conversion kits feature a T4002201 (DA) or a T4002202 (RA) thermostat. The kits also contain a white or beige cover and cover plate, a selection of faceplates, and all other necessary parts and mounting hardware required to convert a wide array of two-pipe competitors' thermostats.

Johnson Controls

Part No.	Action	Color	Price
T4002301	Direct Acting	White	253.98
T4002302	Reverse Acting	White	253.98
T4002303	Direct Acting	Beige	253.98
T4002304	Reverse Acting	Beige	253.98

THERMOSTAT REMODEL KIT

CONVERSION KIT



The T-4000-605 (beige) universal conversion kits provide all the parts necessary to remodel existing room installations of both Johnson Controls and non-Johnson Controls thermostats. These kits can be applied to existing instrument installations with exposed or concealed tubing.
Includes terminal connector and tubing, T-400 air fittings, adjustable pipehead, tube couplings and clamps, and mounting hardware. Convert T400 models to T4000
Note: Requires T4002 thermostat and cover

Johnson Controls

Part No.	Description	Price
T4000605	Universal Conversion Kit	96.76
T4000611	Bakelite Back Adaptor Style for Dual Temperature Vertical or Horizontal Instruments with Two Pipehead Adaptors	53.14
T4000612	Metal Back Subplate Style for Single or Dual Temperature Vertical or Horizontal Instruments with Two Pipehead Adaptors	140.81

TEMPERATURE TRANSMITTER

ROOM TEMPERATURE



The T-5002 Series room transmitters measure space or mass temperature and transmit a proportional 3 to 15 psig pneumatic output signal to an indicator, receiver-controller, or building automation system (BAS) for automatic temperature control.
Note: Requires T4002 mounting bracket and cover to complete installation

Johnson Controls

Part No.	Action	Range (°F)	Price
T5002201	Direct Acting	50 to 100	354.12
T5002202	Direct Acting	60 to 85	354.12

COPPER BULB



The T-5210 pneumatic temperature transmitter measures temperature and converts this measurement to an air pressure signal that is transmitted to a pneumatic receiver, controller, or receiver-indicator.

Johnson Controls

Part No.	Operating Range (°F)	Capillary Length (In.)	Price
T52101001	50 to 100	5-1/2	379.00
T52101002	0 to 100	5-1/2	379.00
T52101004	40 to 240	5-1/2	379.00
T52101008	50 to 150	5-1/2	379.00
T52101113	-40 to 160	48	397.97
T52101114	0 to 100	48	397.97
T52101123	60 to 85	5-1/2	Call
T52101151	20 to 120	48	Call

PNEUMATIC

TEMPERATURE TRANSMITTER

COPPER



The T-5210 pneumatic temperature transmitter measures temperature and converts this measurement to an air pressure signal that is transmitted to a pneumatic receiver, controller, or receiver-indicator.

Johnson Controls

Part No.	Operating Range (°F)	Element Length (Ft.)	Price
T52101005	50 to 100	8	Call
T52101006	40 to 240	8	Call
T52101007	50 to 150	8	Call
T52101116	50 to 150	17	Call
T52101009	0 to 100	8	428.92
T52101124	40 to 65	8	428.92

CONTROLLER

IMMERSION TEMPERATURE

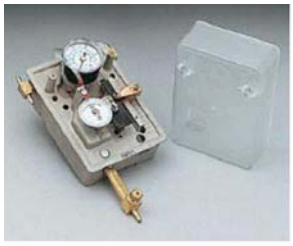


The T-8020 immersion thermostat provides control of liquid temperatures. The T-8020 can function as a proportional, direct action, or reverse action instrument.

Johnson Controls

Part No.	Action	Price
T80201	Proportional	Call

RECEIVER CONTROLLER, T5312 SERIES



The T-5312 receiver-controller directly controls dampers, valves, and other devices in a pneumatic transmission system. The T-5312 produces a proportional 3 to 15 psig pressure signal from a remotely located transmitter.

Johnson Controls

Part No.	Action	Price
T53121	Proportional	965.22
T53123	Two-Position	1154.40

REMOTE BULB, TEMPERATURE



The T-8000 bulb element thermostat provides proportional, two-position, direct action, or reverse action temperature control. The T-8000 is designed for applications which require the sensing element to be located where extreme conditions do not permit controller mounting or where operational adjustments to the controller would be inconvenient. This relay-type instrument is ideally suited for installations requiring the controller to be mounted on a local control panel. Proportional action, non-compensated capillary, includes two-sided dial: -10 to 124°F or 110 to 244°F

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Johnson Controls

Part No.	Element	Capillary Length (Ft.)	Price
T80001	Bulb	4	1075.18
T80003	Bulb	15	1075.18

RECEIVER CONTROLLER, T5800 SERIES



The T-5800 pneumatic receiver controller is designed for use with remote temperature, humidity, or pressure transmitters that are connected to a control variable (CV) input. The controller provides precise control of pneumatic devices.
The T-5800 is capable of providing restricted supply air to low volume remote transmitters, reducing the number of air line connections needed between instruments to only one line. The "CV" input accepts the transmitted output of any pneumatic device with a calibrated output of 3 to 15 psig.

Johnson Controls

Part No.	Input	Action	Price
T58001	Single	Proportional	1128.45
T58002	Single	Proportional Plus Integral	1596.15
T58003	Dual	Proportional	1559.38
T58004	Dual	Proportional Plus Integral	1947.90

RESET VOLUME, VAV



The P-3800 reset volume controller regulates the flow of air in variable air volume boxes. The P-3800 controls the output volume, between adjustable minimum and maximum limits, in response to a reset signal from a thermostat or some other master controller.

Johnson Controls

Part No.	Thermostat (Configuration	Price
P38001	DA, RA (DADR), (RARR)	254.31
P38002	RA, DA (DARR), (RADR)	254.31

PNEUMATIC

CONTROLLER

PRESSURE



The P-8000 pressure controller provides proportional or two-position control in applications that require the controller to be located on a local control panel.

Johnson Controls

Part No.	Action	Dial (2-Sided)	Price
P80001	Proportional	30" HG to 10 psig/0 to 25 psi	Call
P80002	Proportional	0 to 124 psig/110 to 244 psi	4.01

ACTUATOR, DAMPER

2" STROKE



The D-3062 pneumatic actuator is a multipurpose positioning device used to accurately position small dampers primarily on variable air volume, terminal units and small ventilating dampers in response to output signals of a pneumatic controller or electro-pneumatic transducer. The actuator is also recommended for use on other air flow control dampers in interior locations up to a maximum area of 4 square feet for proportional volume control and 6.25 square feet for two-position actuation, provided that the torque requirements are compatible with the specific application.

- Requires actuator linkage kit to complete installation

Johnson Controls

Part No.	Nominal Spring Range (psig)	Price
D30621	3 to 7	Call
D30622	5 to 10	156.81
D30623	8 to 13	156.81
D30624	11 to 15	Call

Part No.	Description	Price
D3062101	Auxiliary Mounting Kit, Swivel Mounting	Call

3" STROKE

D-3153 Series



The D-3153 pneumatic actuator is a multipurpose positioning device used primarily for operating ventilating dampers in response to the output signals of a pneumatic controller or electro-pneumatic transducer. The D-3153 can be used with dampers up to a maximum area of 16 square feet for proportional volume control, and 25 square feet for two-position actuation, provided that the torque requirements are compatible with the specific application.

Johnson Controls

Part No.	Nominal Spring Range (psig)	Includes	Price
D31531	8 to 13	Pilot Positioner, Universal Mounting Bracket	763.00
D31532	8 to 13	Universal Mounting Bracket	548.98
D31533	5 to 10	Universal Mounting Bracket	538.70
D31535	8 to 13	Auxiliary Mounting Bracket	524.41
D31537	3 to 7	Auxiliary Mounting Bracket	514.42

D4073 Series



The D-4073 pneumatic actuator is a multipurpose positioning device used to accurately position small dampers primarily on unit ventilator, variable air volume terminal units, and small ventilating dampers in response to output signals of a pneumatic controller or electro-pneumatic transducer.
The actuator is also recommended for use on other air flow control dampers in interior locations up to a maximum area of 6.75 square feet for proportional volume control, and 11.7 square feet for two-position actuation, provided that the torque requirements are compatible with the specific application.
Where precision sequential operation is desired, or additional positioning power is necessary, use a D-9502 pilot positioner. Up to four more D-4073 actuators may be slaved from one pilot positioner for coupled dampers.

Johnson Controls

Part No.	Nominal Spring Range (psig)	Includes	Price
D40731	8 to 13	D9502, Universal Mounting Bracket	589.50
D40732	8 to 13	Universal Mounting Bracket	401.12
D40733	5 to 10	Universal Mounting Bracket	Call
D40735	8 to 13	Auxiliary Mounting Bracket	Call
D40736	5 to 10	Auxiliary Mounting Bracket	Call

PNEUMATIC

ACTUATOR, DAMPER

4", 6" STROKE SWIVEL MOUNT



The D-3240 Series pneumatic piston actuators are multipurpose positioning devices designed for operating inlet vanes on centrifugal fans and compressors in direct response to the output signal of a pneumatic controller. These actuators can also be used on other applications that require a large amount of positioning power from a single actuator, such as large damper applications, provided that the damper is designed to withstand the high torque capabilities of the actuator.

Johnson Controls

Part No.	Nominal Spring Range (psig)	Stroke (In.)	Includes	Price
D32444	8 to 13	4	Swivel Mount Bracket, Clevis, and Crank Arm	830.56
D32461	8 to 13	6	Swivel Mount Bracket, Clevis, and Crank Arm	Call

ACTUATOR POSITIONER



- Provides dynamic stabilization and/or sequential control of pneumatic damper actuators
- For D3246 also order spring # D9502612, and pilot spring bracket D9502100

Johnson Controls

Part No.	Usage	Price
D95025	D3244/D3246 Actuator	Call
D95028	D3153 Actuator	391.87
D950212	D4073 Actuator	Call

VALVE ACTUATOR



Pneumatic valve actuators are designed to accurately position steam or water valve modulating plugs in response to a pneumatic signal from a controller.

- Universal valve mounting design is compatible for use on all Johnson Controls valves with V-3000 mounting configurations

Johnson Controls

Part No.	Description	Price
V-3000-8012	Valve Actuator, Exposed	163.07
V30008003	Valve Actuator, Enclosed	Call
V30001	Valve Actuator, Replaceable Diaphragm	184.22

PNEUMATIC ACTUATOR

The V-3802 Pneumatic Oval Top Actuator positions steam or water valve modulating plugs in response to a pneumatic signal from a controller.

- Comparatively small oval enclosed actuator has sufficient force to handle most seating pressures
- Easily field mounted to the valve bonnet with a single set screw.

Johnson Controls

Part No.	Description	Price
V38021	Valve Actuator, VT, V-3800 Valves	206.88

SMALL PNEUMATIC ACTUATOR

Accurately positions the modulating plugs of chilled or hot water control valves in response to a pneumatic signal from a controller.

- Directly replaces field installed V-3854 and V-3800 models
- Direct replacement for oval top actuators (VT Series and older oval top series) and (V-3800 Series) actuators (except V-3801-8001 on VG7000 Series valves)

Johnson Controls

Part No.	Description	Price
V40001	Valve Actuator, Small	Call

VALVE ACTUATOR ASSEMBLY

TWO-WAY, NORMALLY OPEN, PDTC, BRONZE VALVE

Johnson Controls

Part No.	Connection Size (In.)	Connection Type	Flow Cv	Spring Range (psi)	Price
VG7241CT+3008B	1/2	NPT	0.73	3 to 6	433.05
VG7241ET+3008B	1/2	NPT	1.8	3 to 6	433.05
VG7241ET+3008D	1/2	NPT	1.8	4 to 8	Call
VG7241ET+3008E	1/2	NPT	1.8	9 to 13	Call
VG7241GT+3008B	1/2	NPT	4.6	3 to 6	433.47
VG7241GT+3008D	1/2	NPT	4.6	4 to 8	433.47
VG7241GT+3008E	1/2	NPT	4.6	9 to 13	433.47
VG7241LT+3008B	3/4	NPT	7.3	3 to 6	518.18
VG7241LT+3008D	3/4	NPT	7.3	4 to 8	518.18
VG7241LT+3008E	3/4	NPT	7.3	9 to 13	518.18
VG7241NT+3008B	1	NPT	11.6	3 to 6	605.17
VG7241NT+3008E	1	NPT	11.6	9 to 13	605.17
VG7241PT+3008B	1-1/4	NPT	18.5	3 to 6	Call
VG7241PT+3008D	1-1/4	NPT	18.5	4 to 8	752.16
VG7241RT+3008B	1-1/2	NPT	28.9	3 to 6	Call
VG7241RT+3008E	1-1/2	NPT	28.9	9 to 13	959.39
VG7241RT+823C00	1-1/2	NPT	28.9	3 to 6	Call
VG7241ST+823C00	2	NPT	46.2	3 to 6	Call
VG7251CT+3008B	1/2	Union Globe	0.73	3 to 6	Call
VG7251ET+3008B	1/2	Union Globe	1.8	3 to 6	Call
VG7251LT+3008B	3/4	Union Globe	7.3	3 to 6	Call
VG7251NT+3008B	1	Union Globe	11.6	3 to 6	Call
VG7551CT+3008B	1/2	Union Angle	0.73	3 to 6	Call
VG7551ET+3008B	1/2	Union Angle	1.8	3 to 6	Call
VG7551GT+3008B	1/2	Union Angle	4.6	3 to 6	Call
VG7551LT+3008B	3/4	Union Angle	7.3	3 to 6	Call
VG7551NT+3008B	1	Union Angle	11.6	3 to 6	780.63

TWO-WAY, NORMALLY OPEN, STAINLESS STEEL

- NPT end connections

Johnson Controls

Part No.	Size (In.)	Flow Cv	Spring Range (psi)	Price
VG7243CT+3008B	1/2	0.73	3 to 6	Call
VG7243LT+3008B	3/4	7.3	3 to 6	Call

PNEUMATIC

VALVE ACTUATOR ASSEMBLY

FLARE VALVE



Three-way flare valves accurately regulate the flow of hot and cold water.

Johnson Controls

Part No.	Type	Size (In.)	Flow Cv	Spring Range (psi)	Price
V37661002	Two-Way, NO	1/2	1.7	3 to 6	490.61
V37661003	Two-Way, NO	1/2	3.2	3 to 6	Call
V43321009	Three-Way	1/2	1.7 NO, 2.3 NC	4 to 8	575.87

TWO-WAY, NORMALLY CLOSED, PDTO, BRONZE VALVE



- NPT end connections

Johnson Controls

Part No.	Size (In.)	Flow Cv	Spring Range (psi)	Price
VG7441CT+3008E	1/2	0.73	9 to 13	Call
VG7441ET+3008B	1/2	1.8	3 to 6	Call
VG7441ET+3008D	1/2	1.8	4 to 8	Call
VG7441ET+3008E	1/2	1.8	9 to 13	459.92
VG7441GT+3008D	1/2	4.6	4 to 8	Call
VG7441GT+3008E	1/2	4.6	9 to 13	461.22
VG7441LT+3008E	3/4	7.3	9 to 13	554.86
VG7441NT+3008E	1	11.6	9 to 13	655.69
VG7441PT+3008E	1-1/4	18.5	9 to 13	820.62
VG7441RT+3008E	1-1/2	28.9	9 to 13	1051.89
VG7441RT+823E00	1-1/2	28.9	9 to 13	1547.48
VG7441ST+823E00	2	46.2	9 to 13	1724.76

THREE-WAY, BRONZE



- NPT end connections

Johnson Controls

Part No.	Size (In.)	Flow Cv	Spring Range (psi)	Price
VG7842ET+3008B	1/2	1.8	3 to 6	475.77
VG7842ET+3008D	1/2	1.8	4 to 8	475.77
VG7842ET+3008E	1/2	1.8	9 to 13	475.77
VG7842GT+3008D	1/2	4.6	4 to 8	477.13
VG7842GT+3008E	1/2	4.6	9 to 13	477.13
VG7842LT+3008B	3/4	7.3	3 to 6	Call
VG7842LT+3008D	3/4	7.3	4 to 8	589.16
VG7842LT+3008E	3/4	7.3	9 to 13	589.16
VG7842NT+3008B	1	11.6	3 to 6	Call
VG7842NT+3008D	1	11.6	4 to 8	692.31
VG7842NT+3008E	1	11.6	9 to 13	692.31
VG7842PT+3008B	1-1/4	18.5	3 to 6	Call
VG7842PT+3008E	1-1/4	18.5	9 to 13	968.30
VG7842RT+3008D	1-1/2	28.9	4 to 8	1151.24
VG7842RT+3008E	1-1/2	28.9	9 to 13	1151.24
VG7842RT+823D00	1-1/2	28.9	4 to 8	1645.86
VG7842RT+823E00	1-1/2	28.9	9 to 13	1645.86
VG7842ST+823D00	2	46.2	4 to 8	1881.27
VG7842ST+823E00	2	46.2	9 to 13	1881.27

PNEUMATIC

SWITCH

PRESSURE ELECTRIC, AIR



These pressure controls open or close electrical circuits from a change in operating air pressure.

- For pneumatic systems, pumps, or small air compressors
- Pressure to electric switch

Johnson Controls

Part No.	Stages	Switch	Pressure Differential Range (psig)	Switch Differential (psi)	Connection (In.)	F.L. Amps (@ 240V)	Price
P10BC7	1	SPDT	3 to 20	2, Fixed	Barbed	8	167.13
P10BG3	1	SPDT	2 to 20	0.2, Fixed	1/8 NPSF	8	184.56
P10FC4C	2	SPDT	3 to 20	2 Low Stage, 2 High Stage	1/8 Barbed Fitting	8	256.80
P10PA11C	3	SPST	3 to 20	3 Stage1, 0.4 Stage2&3	1/8 Barbed Fitting	3	Call

LOW PRESSURE



Used to close (or open) an electrical circuit on the basis of a predetermined air pressure signal.
Typical applications include the control of air compressors, fans, pilot lights, and resistance heating elements.

- Maximum over pressure: 50 psig
- Temperature range: 32 to 140°F

Johnson Controls

Part No.	Switch	Range (psig)	Differential (psi)	Connection	F.L. Amps (@ 240V)	Price
P67AA-1C	DPST, Open Fall	3 to 30	1-1/2 to 20	Angle Barbed	12	268.39
P67CA1	DPST, Open Rise	3 to 30	1-1/2 to 20	Angle Barbed	12	305.24
P67EA5C	L-M2 Contacts Connect on Pressure Rise and Simultaneously The L-M1 Contacts Break	3 to 30	1-1/2 to 20	1/8 MPT	8 (L-M2), 3 (L-M1)	Call

REMOTE BULB, TEMPERATURE



A40 temperature actuated pneumatic switches control when the sensed temperature reaches the control setpoint.

- Automatic reset
- A barb fitting permits "push-on" 1/4" tubing

Johnson Controls

Part No.	Switch	Range (°F)	Differential (°F)	Maximum Bulb Temperature (°F)	Bulb	Capillary Length (Ft.)	Price
A40EA1	Opens on Fall	15 to 55	5, Fixed	400	1/8" x 20'	—	Call
A40EA4	Opens on Fall	50 to 90	4, Fixed	250	11/16" x 6-3/4"	6	Call
A40GA2	Opens on Rise	50 to 90	5, Fixed	250	11/16" x 6-3/4"	6	Call

VALVE AIR SOLENOID

3-WAY

V11 Series



Three-way solenoid valve used in applications where an electrical circuit operates a pneumatic control device.

- 50/60 Hz

Johnson Controls

Part No.	Voltage	Price
V11HAA100	110/120	294.89
V11HBA100	220/240	278.43
V11HDA100	440/480	278.43
V11HGA100	24	313.71

PNEUMATIC

VALVE AIR SOLENOID

3-WAY

V24102

Used in applications where an electrical circuit operates a pneumatic control device. This valve diverts the air signal to the pneumatic device when the coil is energized or de-energized, depending on the choice of air connection.

- Air connections:NO or NC/Common
- Compact size with durable, solid brass construction
- Positive air seal
- Can be used in smoke control applications

Johnson Controls

Part No.	Voltage	Price
V24102	120	324.38

Air Switching Valve



Switches the flow of air from one air line to another. For day night switching, heating/cooling, enthalpy switchover

- V6135: no exhaust function
- V6137: after switchover, the non active line exhausts to atmosphere

Features

- Fast acting two-position switching mechanism
- Factory supplied with an integral mounting bracket for surface mounting

Johnson Controls

Part No.	Voltage	Price
V61351	2 to 4	425.70
V61352	11 to 15	425.70
V61353	15 to 19	425.70
V61371	15 to 19	Call

TRANSDUCER, ELECTRO PNEUMATIC



The EP-8000 electro-pneumatic transducer converts a 0 to 10 Vdc or 4 to 20 mA signal from an electric controller into a proportional pneumatic output pressure signal.

- Proportional: direct acting

Johnson Controls

	Input		Output		
Part No.	Type	Range	Type	Range (psig)	Price
EP80001	Voltage	.5 to 9 Vdc	Low Volume	1 to 18	342.62
EP80002	Voltage	.25 to 9.5 Vdc	High Volume	5 to 19	357.61
EP80003	Current	4 to 20 mA DC	Low Volume	3 to 15	Call
EP80004	Current	4 to 20 mA DC	High Volume	3 to 15	357.52

TRANSDUCER

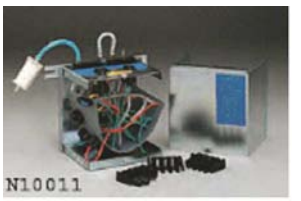
This unit has no air consumption. It incorporates a manual override switch and, in the manual mode, the pressure can be increased or decreased with two pushbutton switches.

- Powered by 18-28 Vac/Vdc
- Proportional: direct acting

MAMAC SYSTEMS®

		Output		
Part No.	Input Range	Type	Range	Price
EP313020	4-20 mA, 0-5 or 0-10 Vdc	High Volume	0 to 20 psi	Call

ECONOMIZER LOGIC NETWORK



Provides a sequence of logic functions for use with all types of mixed air handling units. The N-1001 provides fan interlock and minimum percent outside air damper position adjustment, as well as economizer switchover and other auxiliary switching strategies.

Economizer switchovers:

- Differential temperature
- Outside air dry bulb
- Enthalpy

Johnson Controls

Part No.	Description	Price
N10011	Economizer Logic Network	Call

HIGH/LOW PRESSURE SELECTOR

HIGH-LOW PRESSURE SELECTOR



The C-2220 high-low pressure selector selects and transmits control pressure signals from a group of thermostats or controllers. The C-2220 highlow pressure selector can be combined in master and slave module groups for applications using both high and low volume output thermostats or controllers.

- One master can combine with as many as 19 slaves to control 20 zones

Johnson Controls

Part No.	Function	Input	Price
C222011	Master	Low Volume	Call
C222012	Slave	Low Volume	Call
C222013	Master	High Volume	161.26
C222014	Slave	High Volume	123.60

Part No.	Description	Price
C22205	Mounting Bracket	Call

RELAY

SIGNAL LIMITER



The C-5230 pneumatic signal limiter imposes high and/or low limits on any pneumatic signal.

Johnson Controls

Part No.	Description	Price
C52302	High or Low Limit	255.41
C52303	High and Low Limit	307.16

SIGNAL TRANSMITTER



The C-5226 pneumatic signal transmitter repeats pneumatic transmission signals or selects the higher or lower of two pneumatic signal levels directly from the output of a controller. The C-5226 may also be used as a high or low signal limiter or a differential switchover device.

Johnson Controls

Part No.	Description	Price
C52263	Signal Repeater	97.28

PNEUMATIC

RELAY

AVERAGING CUMULATOR



The C-2040 averaging cumulator is a low volume output device designed to operate a controlled device or receivercontroller by averaging the output signals of two, three, or four controllers or transmitters. The cumulator produces an output signal equal to the average of the input signals.

Johnson Controls

Part No.	Description	Price
C20401	Averaging Cumulator	Call

SWITCHING CUMULATOR



The C-9506 air switching cumulator switches output pressure from zero to full supply pressure when the pilot pressure reaches the switch point.

- Switch point: 2–12 psig
- Differential: 1 psig

Johnson Controls

Part No.	Action	Price
C95061	2 Position, DA	400.06

BOOSTER



The R-2080 booster relay operates as a pneumatic repeater and volume amplifier. The pilot signal is repeated at its output at a 1:1 ratio.

- Amplifies a pilot signal from a nonrelay, low volume controller to a large volume output signal

Johnson Controls

Part No.	Description	Price
R20801	Booster Relay	261.46

REVERSING



The R-3030 reversing relay functions as a 1:1 pneumatic inverter, volume amplifier, and inverse sequencer

Johnson Controls

Part No.	Description	Price
R30301	Reversing Relay	380.77

ACCESSORIES

PRESSURE REDUCING STATION



The remote mounted pressure reducing station regulates the output pressure in a pneumatic system to within 0.02 psi with a 20 psi variation in input pressure.

- Input maximum: 300 psig
- Output: 0–50 psig
- Flow capacity: 25 scfm
- Safety relief valve: 25 psi

Johnson Controls

Part No.	Description	Price
A4000138	Pressure Reducing Station	394.01

MINIATURE PRESSURE REGULATOR



The R-4000 miniature pressure regulator provides a method to readjust the setpoint of pneumatic controllers in low volume applications. The output pressure varies in proportion to the rotation of the adjusting knob.

Johnson Controls

Part No.	Output Pressure (psig)	Price
R40003	12	260.21
R40004	1, 2, 3, 5, 6	Call

PRESSURE REDUCING VALVE



The R130 air pressure reducing valve reduces the primary air supply pressure to a selected pressure in a compressed air system. The reducing valve can also be used as a minimum set point regulator.

- When used as minimum setpoint regulator, an R3710 Series .005 restrictor must be used in output line

Johnson Controls

Part No.	Fitting Size (In.)	Flow Capacity (scfm)	Price
R1301	1/8	1	99.69
R13015	3/8	20	190.52

PRESSURE REDUCING VALVE



Used to control the pressure of the air delivered to pneumatic control systems. Models available for single-pressure systems or two-pressure systems (day/night or summer/winter) requiring two independently regulated pressure settings. Dual pressure units switch from the lower setting to a higher setting when main air is applied to the pilot port. Models also available including a sub-micron filter assembly and pressure gauges.

- Built-in adjustable safety relief valve for limiting downstream pressure
- Inlet pressure: 45–150 psi, Factory set: 4.5 psi
- Outlet pressure: 0–25 psi, factory 18 psi
- Safety relief pressure: 12–25 psi, factory 22–25 psi
- Secondary pressure: 0–5 psi above primary setting

Honeywell
THE POWER OF CONNECTED

Part No.	Includes	Description	Price
PP901A1004	—	Single Pressure	442.67
PP902C1009	Submicron Filter, 2 Gauges	Single Pressure	982.85
PP901B1002	—	Two Pressure	529.40
PP902D1007	Submicron Filter, 2 Gauges	Two Pressure	Call

PRESSURE REDUCING VALVE ACCESSORY



Johnson Controls

Part No.	Description	Price
A4000144	1/4" NPT, 25 psi Safety Relief Valve	75.71
A4000143	Mounting Bracket (R13014 Only)	Call
R130100	Post Mounting Bracket (R1301 & R13014)	Call

PNEUMATIC

ACCESSORIES

FILTER, OIL REMOVAL



Combining coalescing and activated carbon filters in series provides clean, oil free air by removing both oil aerosols and vapors in pneumatic control systems.

Johnson Controls

Part No.	Connection (In.)	Max Capacity (scfm)	Type	Price
A40001037	1/4 Barb	1.50	In-Line	46.67
A4000146	1/2 FPT	23	Activated Carbon	769.22
A4000147	1/2 FPT	12	Activated Carbon	690.59
A40001048	3/8 FPT	17	Coalescing	402.80
A40001049	3/8 FPT	30	Coalescing	468.91
A40006001	3/8 FPT	50	Coalescing	858.63
A4000152	3/8, 1/2 FPT	—	Universal Mounting Kit	140.40

FILTER, REPLACEMENT CARTRIDGES



Johnson Controls

Part No.	Type	Fits	Price
A4000604	Coalescing	A4000149	101.53
A4000605	Coalescing	A4000601	198.54
A4000633	Carbon	A4000146	476.17
A4000632	Carbon	A4000147	403.88
A4110604	Coalescing	A4000148	95.78

INTAKE AIR FILTER



This dry type filter is rated 99% efficient at a 10 micron rating. A steel housing and baked enamel finish makes the filter suitable for inside or outside locations.

Johnson Controls

Part No.	Connection (In.)	Maximum Capacity (scfm)	Price
A4000155	1/2 MPT	5	Call
A400014	3/4 MPT	10	217.05

AIR PRESSURE GAUGE



The G2010 air pressure gauge provides continuous indication of air pressure in pneumatic control systems.

Johnson Controls

Part No.	Gauge Size (In.)	Range (psig)	Stem Mount (In.)	Mounting	Price
G20105	1-1/2	0 to 30	1/8 NPT Center Back	Stem	46.48
G20101	1-1/2	On/Off Indicator	1/8 NPT Center Back	Flush or Surface	170.58
G201011	2	0 to 30	1/8 NPT Center Back	Stem	51.41
G2010101	2	0 to 30	1/8 NPT Center Back	Flush or Surface	65.94
G201023	2	0 to 100	1/8 NPT Center Back	Stem	Call
G201016	2	0 to 160	1/4 NPT Center Bottom	Stem	Call
G2010400	3-1/2	0 to 30	1/8 NPT Center Back	Flush or Surface	Call

TEST PUMP



For use with 700 series pressure modules or test gauges. Can be directly connected to the reference port consolidating two separate pieces when performing pressure calibration and testing. Can also be used with 717 pressure calibrators. Ideal for calibrating pressure transmitters, pressure switches and pressure gauges up to 600 PSI/40 bar.

Two pressure ports allow simultaneous connection:

- 1/4" NPT female fitting for the reference gauge or pressure module
- 1/4" NPT female fitting for the unit under test
- Adjustable stroke length can be set to limit the pressure per stroke

Includes:

- 1/4" NPT male to 1/4" BSP female
- 1 meter of hose
- (2) 1/8" NPT male quick connects
- 1/8" NPT female to 1/4" BSP female
- Seal Kit
- Instruction sheet

FLUKE

Part No.	Description	Price
FLUKE700PTP1	Pneumatic Test Pump	Call

THERMOMETER

The T-5500 Series pneumatic temperature indicator provides continuous indication of the temperature measurement of a transmitter in a 3 to 15 psig pneumatic transmission system.

3-1/2" DIAL



Johnson Controls

Part No.	Temperature Range (°F)	Price
T55001051	50 to 100	280.44
T55001052	0 to 100	280.44
T55001053	50 to 150	Call
T55001054	-40 to160	280.44
T55001055	40 to 240	280.44
T55001057	20 to 120	280.44
T55001058	40 to 65	Call
T55001059	60 to 85	280.44

2-1/2" DIAL

Johnson Controls

Part No.	Temperature Range (°F)	Price
T55021001	50 to 100	136.23
T55021002	0 to 100	136.23
T55021003	50 to 150	136.23
T55021004	-40 to160	Call
T55021005	40 to 240	136.23

PNEUMATIC

ACCESSORIES

R3710 SERIES

The R3710 Series restrictors limit pressure and flow direction in pneumatic systems.

RESTRICTOR, IN-LINE, COMPRESSION



Part No.	Description	Price
R37101005	For Inserting 1/4" Tubing, Compression Connection .005", Red	16.67
R37101007	For Inserting 1/4" Tubing, Compression Connection .007", Aqua	16.67

RESTRICTOR, IN-LINE, BARBED



Part No.	Description	Price
R37102005	1/4" Barbed Fitting, .005 In.	13.73
R37102007	1/4" Barbed Fitting, .007 In.	13.73

RESTRICTOR, IN-LINE, 1/8" NPT



Part No.	Description	Price
R37103105	Red 1/4" Barbed x 1/8" NPT, .005 In.	Call
R37103107	Aqua 1/4" Barbed x 1/8" NPT, .007 In.	20.13

RESTRICTOR, IN-LINE, ADJUSTABLE



- Furnished with 2-3/4" lengths, 5/32" tubing, and 2-1/4" x 5/32" couplings

Part No.	Description	Price
R37102010	Pin Valve Adjuster	89.29

RESTRICTOR, IN-LINE, BARBED



Part No.	Description	Price
R37103005	1/4" Barbed Connection, .005 In.	16.10
R37103007	1/4" Barbed Connection, .007 In.	16.10

RESTRICTOR, DIODE TEE



The R-3712 diode restrictor tee allows air flow through the bottom of the tee, in one direction only. The R-3712 is designed for inline installation using 1/4" O.D. flexible tubing.

Part No.	Description	Price
R37123007	1/4" Barbed Connection, .007 In.	46.28

RESTRICTOR, LOW VOLUME EXHAUST, DIODE TEE

The R-3714 diode tee provides through line low volume exhaust whenever the pressure to the diode branch is at a lower value than pressure on the through line. A higher pressure at the diode branch closes the diode and allows normal operation in the through line. Air can flow out of the bottom of the tee causing a slight reverse flow.

Part No.	Description	Price
R37143000	Pressure Regulator, 1/4" Barbed Connection	46.28

THERMOSTAT

2 PIPE, SINGLE SETPOINT



Two pipe, single setpoint, pneumatic thermostat used to provide proportional control of pneumatic valves and damper actuators in heating and air conditioning systems.

Honeywell

Part No.	Action	Range		Includes	Price
		Scale (°F)	Throttling (°F)		
TP970A2004	DA	60–90	2–10	Cover not Included	189.61
TP970A2012	DA	40–70	2–10	Cover not Included	213.48
TP970A2038	DA	60–90	2–10	Modernization Kit	316.04
TP970A2145	DA	60–90	2–10	Convertastat™ Kit*	205.43
TP970B2002	RA	60–90	2–10	Cover not Included	189.61
TP970B2077	RA	60–90	2–10	Convertastat™ Kit*	205.41

*Includes universal adapter wall plate, universal cover

2 PIPE, SETBACK



Pneumatic thermostat with night setback used to provide proportional control of pneumatic valves and damper actuators in heating and air conditioning systems.

- Two pipe direct acting two temperature scale range:
  Day: 60–90°F, 13 psi
  Night: 50–75°F, 18 psi
- Throttling range: 2–10°F

Honeywell

Part No.	Includes	Price
TP971A2003	Order Cover Separately	334.12
TP971A2102	Convertastat™ Kit Includes Adapter Plate, Wall Plate & Satin Chrome Cover	373.83

2 PIPE, HEATING/COOLING



Two-pipe, one- or two-temperature, pneumatic thermostat used to provide proportional control of pneumatic valves and damper actuators in heating and air conditioning systems.

- Throttling range: 2–10°F
- DA heating @ 18 psi
- RA cooling @ 13 psi

Honeywell

Part No.	Scale Range (°F)	Comments	Description	Price
TP972A2036	55–75 Heating 60–90 Cooling	Two Concealed Setpoint Knobs 78°F Min. Cooling, 72°F Max. Heating, Order Cover Separately	2 Pipe, 2 Temp.	333.09
TP972A2002	60–90	Sensor only	2 Pipe, 1 Temp.	299.07

1 OR 2 PIPE, SINGLE TEMPERATURE



One-pipe or two-pipe, single temperature, low capacity, pneumatic thermostat used to provide proportional control of pneumatic valves and damper actuators in heating and air conditioning systems.

- Scale range: 60–90°F
- Throttling range: 2–10°F
- Requires .005 in. restrictor for onepipe installation

Honeywell

Part No.	Features	Description	Price
TP973A2076	Order Cover Separately	1 or 2 Pipe, DA1 Temp., Low Capacity	166.69
TP973B2066	Order Cover Separately	1 or 2 Pipe, RA1 Temp., Low Capacity	164.43

PNEUMATIC

THERMOSTAT

1 PIPE, AIRSTREAM



One-pipe, single setpoint, pneumatic thermostat used to provide proportional control of pneumatic valves and damper actuators in heating and air conditioning systems. Commonly used as discharge controllers for unit ventilators.

- Pressure ratings—Operating: 25 psi
  Supply: 3 to 15 psi

Honeywell

Part No.	Type	Range (°F) Scale	Range (°F) Throttling	Price
LP907A1002	1-Pipe, DA	40 to 140	10 to 70	442.83

2 PIPE, REMOTE BULB



Two-pipe, single temperature, unit mounted, remote bulb pneumatic thermostat used to provide proportional control of pneumatic valves and damper actuators in heating and air conditioning systems.

Honeywell

Part No.	Comments	Range (°F) Scale	Range (°F) Fixed Throttle	Description	Price
LP916A1019	For Unit Ventilators, 1/2" x 5-7/8" Bulb	65 to 85	3.5	2-Pipe, DA, Single Temp., .007 in Restriction	431.77
LP916A1134	For Induction, Fan Coil Systems, 3/8" x 7" Bulb	65 to 85	3.5	2-Pipe, DA, Single Temp., .005 in Restriction	404.10
LP916B1082	For Induction, Fan Coil Systems, 3/8" x 9" Bulb	65 to 85	3.5	2-Pipe, 18 psi Heating DA, 13 psi Cooling RA, Single Temp., .005 in Restriction	518.07

PNEUMATIC

TRANSMITTER

TEMPERATURE, INSERTION



One-pipe, direct-acting temperature sensor used with RP908/RP920 controllers to provide proportional control of pneumatic valve or damper actuators. Rod and tube insertion element for duct, well, or through-the-wall mounting.

- Controls are one-pipe direct acting

Honeywell
THE POWER OF CONNECTED

Part No.	Temperature Sensing Range (°F)	Element Length (In.)	Mounting	Price
LP914A1003	-40 to 160	15	Duct	400.38
LP914A1011	-40 to 160	15	Well	1043.44
LP914A1052	40 to 240	7	Well	331.78
LP914A1060	-40 to 160	7	Well	360.99
LP914A1144	25 to 125	15	Duct	418.54

TEMPERATURE, WALL MOUNT



One-pipe or two-pipe direct-acting temperature sensor used with RP908/RP920 controllers to provide proportional control of pneumatic valve and damper actuators.

- 1 or 2 pipe, DA

Honeywell
THE POWER OF CONNECTED

Part No.	Sensor Type	Sensing Range (°F)	Price
TP974A2000	1 or 2 Pipe, DA Less Cover	50–100	348.49

TEMPERATURE, AVERAGING



One-pipe, direct-acting temperature sensor, used with RP908 or RP920 controllers to provide proportional control of pneumatic valve or damper actuators. Averaging, liquid-filled element for duct mounting.

Honeywell
THE POWER OF CONNECTED

Part No.	Temperature Sensing Range (°F)	Element Length (Ft.)	Mounting	Price
LP915A1044	0–200	18-1/2	Duct	550.76

PRESSURE



The P7640A panel mount, P7640B duct mount and P7640U universal mount differential pressure sensors provide reliable, accurate measurement and control. Proper applications include measurement of extremely low pressure applications such as: building/room pressure, air flow, variable air volume, filter status, and duct pressure. .
The P7640 pressure sensors are designed with field-selectable 4-20 mA, 0-5 Vdc, or 0-10 Vdc output. 5 year warranty.
Pressure Range: (inches w.c.)
A: 0-0.1, 0-0.25, 0-0.5, 0-1.0
B: 0-1.0, 0-2.5, 0-5, 0-10

Honeywell
THE POWER OF CONNECTED

Part No.	Mounting	Pressure Range	Display	Price
P7640A1000	Panel	A	Yes	Call
P7640A1018	Panel	A	No	Call
P7640A1026	Panel	B	Yes	Call
P7640A1034	Panel	B	No	Call
P7640B1008	Duct	A	Yes	Call
P7640B1016	Duct	A	No	Call
P7640B1024	Duct	B	Yes	Call
P7640B1032	Duct	B	No	453.47
P7640U1040	Universal	A, B	No	Call
P7640U1052	Universal	A, B	Yes	Call

HUMIDITY



One- or two-pipe, direct-acting humidity sensor used with RP908/RP920 controllers to provide proportional control of pneumatic valve or damper actuators in systems requiring humidification or dehumidification control.

- Pressure ratings: Operating: 25 psi
  Supply: 3 to 15 psi

Honeywell
THE POWER OF CONNECTED

Part No.	Type	Humidity Scale Range (% RH)	Comments	Price
HP971A1008	1-, 2-Pipe, DA	15 to 75	Less Cover	669.50

HUMIDISTAT



Two-pipe, single setpoint, pneumatic humidistat used to provide proportional control of pneumatic valves on humidification or dehumidification systems.

- Direct Acting (DA) and Reverse Acting (RA) models are available.

Honeywell
THE POWER OF CONNECTED

Part No.	Type	Scale Range (% RH)	Throttling Range (% RH)	Flow Comments	Price
HP970A1009	2-Pipe, DA	15 to 75	3 to 15	Order Cover Separately	602.62
HP970B1007	2-Pipe, RA	15 to 75	3 to 15	Order Cover Separately	602.62

PNEUMATIC

CONTROLLER

REMOTE BULB TEMPERATURE



Two-pipe, single temperature, pneumatic temperature controller used to provide proportional control of pneumatic valves and damper actuators in heating and air conditioning systems.

- Control is direct-acting, single temperature
- Scale range: 30–150°F
- Throttling range: 5–25°F

Honeywell
THE POWER OF CONNECTED

Part No.	Element Style and Length	Capillary Length (In.)	Price
LP920A1005	Averaging, Length	96	Call
LP920A1021	3/8 x 5 1/4" Bulb	10	624.23
LP920A1039	3/8 x 5 1/4" Bulb	60	Call

RECEIVER CONTROLLER



Proportional, high capacity, single or dual input pneumatic controller used in conjunction with remote sensors to provide proportional (P) or proportional plus (P+I) control of temperature, humidity, pressure, or dewpoint for heating and air conditioning systems.

- Input signal: 3–15 psi
- Output signal: 3–13 psi

Honeywell
THE POWER OF CONNECTED

Part No.	Input	Action	Type	Remote Adjustment	Price
RP920A1025	Single	DA	Proportional	With	515.59
RP920A1033	Single	DA	Proportional	Without	515.59
RP920B1031	Dual	DA	Proportional	Without	642.64
RP920B1056	Dual	RA	Proportional	Without	Call
RP920C1021	Single	DA	P+I	With	Call

ACTUATOR, DAMPER

MP909D SERIES



Used for pneumatic proportional control of variable volume terminal units and small dampers.

- Damper load area: 3 sq. in.
- 2-3/8" stroke

Honeywell
THE POWER OF CONNECTED

Part No.	Spring Range (psi)	Price
MP909D1227	5 to 10	85.36

MP909E SERIES



Used for pneumatic proportional control of dampers and high velocity air valves. The MP909E has an optional adjustable stroke feature.

- Damper load area: 6.6 sq. in.

Honeywell
THE POWER OF CONNECTED

Part No.	Stroke (In.)	Spring Range (psi)	Includes	Price
MP909E1018	4.0	3 to 13	Mounting Bracket, Ball Joint	277.33
MP909E1026	4.0	3 to 13	—	250.47
MP909E1034	4.0	5 to 10	Mounting Bracket, Ball Joint,Linkage Kit	282.71
MP909E1174	3.1	9 to 13	Mounting Bracket, Ball Joint	Call
MP909E1349	4.0	3 to 13	Internal N.C. Trunnion Bracket	Call
MP909E1364	4.0	5 to 10	External Trunnion Bracket	277.54

ACTUATOR

COIL VALVE ACTUATOR



Pneumatic actuators provide proportional control of steam or hot or cold liquids in HVAC systems by operating V33XX, V34XX, V5011 and V5013 valve assemblies.

- 3/4" valve travel
- DA Actuator + DA Valve Body = Normally Open
- RA Actuator + DA Valve Body = Normally Closed

Honeywell
THE POWER OF CONNECTED

Part No.	Diameter	Action	Spring Range (psi)	Includes	Price
MP953C1000	5	DA	2-7	Standard	136.14
MP953C1018	5	DA	8-12	Standard	136.14
MP953C1026	5	DA	4-11	Standard	136.14
MP953C1067	8	DA	2-7	Standard	521.72
MP953C1075	8	DA	8-12	Standard	521.72
MP953D1107	7-1/8	RA	8-13	EPDM Diaphragm	521.72
MP953E1319	5	DA	4-11	Positive Positioner 5 psi span	Call
MP953E1376	8	DA	4-11	Positive Positioner 5 psi span	698.45
MP953F1101	7-1/8	RA	8-13	Positive Positioner 5 psi span, EPDM Diaphragm	971.04

HEAVY DUTY ACTUATOR



Used for proportional control of medium to large-size dampers in HVAC systems. The MP918 is a rolling diaphragm, piston-type actuator.

- Damper load area: 23.8 sq. in.
- 3 1/2" stroke, 6" stroke (MP920)

Honeywell
THE POWER OF CONNECTED

Part No.	Spring Range (psi)	Includes	Price
MP918B1006	3 to 13	External Mounting Bracket, Crank Arm	372.68
MP918B1030	3 to 13	Actuator Only	Call
MP920B1002	7 to 13	Actuator Only	1149.36

BRAUKMAN ACTUATOR



The MP958 pneumatic valve actuator is direct-acting and used only with Honeywell-Braukman V5852A2xx, V5862A2xx, V5853A2xx, and V5863A2xx terminal unit valves to control hot and/or chilled water.

Honeywell
THE POWER OF CONNECTED

Part No.	Pressure Rating (psi)	Price
MP958A1017	3 to 10	Call
MP958A1025	8 to 11	Call

PNEUMATIC

SWITCH

PNEUMATIC/ELECTRIC, P643 SERIES



Used to convert a pneumatic signal from a controller to an electric switching action to provide start and stop control of equipment such as fans and pumps.

- Setpoint: 0–22 1/2 psi
- Differential: 3–13 psi
- Contact rating: 5.1 F.L. Amp @ 240 Vac

Honeywell
THE POWER OF CONNECTED

Part No.	Switch	Price
P643A1007	SPDT	680.33

PNEUMATIC/ELECTRIC, P658 SERIES



Pneumatic-electric switches (P658A, B) used to convert a pneumatic signal from a controller to an electrical switching action (spdt) to provide start and stop control of equipment such as fans and pumps.

- Setpoint range: 2–24 psi, adjustable differential: 2 psi, fixed
- Switch: SPDT

Honeywell
THE POWER OF CONNECTED

Part No.	Mounting	Factory Set (psi)	Comments	Price
P658A1013	Surface	10	Includes Case	134.32
P658B1012	Panel	10	No Case	131.75

DIVERTING



Pneumatic diverting switch used to manually divert, block, or bleed air in pneumatic air lines to revise control sequence with a change in conditions. Commonly applied on day/night, summer-winter, on/off/auto, or start/stop functions.

Honeywell
THE POWER OF CONNECTED

Part No.	Mount	Number Positions	Comments	Price
SP470A1000	Panel	2	Includes Knob, Scale Plate	172.40
SP470A1018	Panel	3	Includes Knob, Scale Plate	179.16

MANUAL/MINIMUM POSITION



Used to manually position a remote damper actuator or to reset the setpoint of a pneumatic controller. They can also provide minimum damper position by setting a minimum pressure limit in the branchline to the damper actuator.

- Includes knob, scaleplate, and locknuts

Honeywell
THE POWER OF CONNECTED

Part No.	Span (psi)	Description	Price
SP970A1005	10	3 Port Manual/Minimum w/ Bleed	112.87
SP970A1013	5	3 Port Manual/Minimum w/ Bleed	111.78
SP970C1043	5	4 Port Manual/Isolated Pilot Chamber	149.33

RELAY

AIR SOLENOID VALVE



Electrically operated pneumatic switches used to interlock an electrical system and a pneumatic control system.

- Usable as a diverting relay, a selector relay, or a stop and bleed relay
- Airflow: .42 scfm @ 20 psi with 1 psi drop

Honeywell
THE POWER OF CONNECTED

Part No.	Mounting	Voltage	Frequency	Includes	Price
RP418A1057	Surface	120V	50Hz	Splicebox	149.18
RP418A1107	Surface	120V	60Hz	Splicebox	107.22
RP418A1081	Surface	208V	60Hz	Splicebox	147.70
RP818A1004	Surface	24V	60Hz	Splicebox	120.50

SELECTOR



Three-port relays used in HVAC systems to perform a variety of relay functions; transmit the higher of two input signals, lock out one pressure signal when a second signal is higher, or transmit the lower of two pressure signals.

- Operating range: 0–18 psi

Honeywell
THE POWER OF CONNECTED

Part No.	Description	Price
RP470A1003	High/Low/Lockout Selector	76.03

SNAP ACTING



The four port, snap acting relay converts a proportional air pressure change a controller to a positive (two position) pressure change. It can also divert a supply line to one of two branches.

- Setpoint range: 3–15 psi Differential: 1 psi, fixed

Honeywell
THE POWER OF CONNECTED

Part No.	Operation	Price
RP471A1002	Proportional to Two Position	136.59

PNEUMATIC

RELAY

SWITCHING



Pneumatic switching relays block, divert, or bleed pneumatic air lines when pilot pressure is changed from one specific value to another. Commonly applied in day/night, summer/winter, start/stop, on/off/auto and other multiple condition systems where control sequence is changed as conditions change.

Honeywell
THE POWER OF CONNECTED

Part No.	Switch	Switch Pressure (psi)	Comments	Price
RP670A1001	SPDT	3 and 7	Standard	125.26
RP670B1009	DPDT	3 and 7	Standard	253.65

PROPORTIONAL E/P TRANSDUCER



Electronic-pneumatic transducers are used in electronic pneumatic control systems to convert a proportional electric output signal from a controller into a direct-acting, proportional pneumatic signal.

- Nominal range: 3–15 psi at 2–10 Vdc
- Only available in Long Island NY, West Chester County NY, New York City and Phoenix, AZ.

Honeywell
THE POWER OF CONNECTED

Part No.	Includes	Price
RP7517A1017	2-Wire, No Cover without Internal Power Supply	497.00
RP7517B1016	3-Wire, Cover with Internal Power Supply	518.30

LOAD ANALYZER



A diaphragm logic pressure selector selects the highest and/or lowest branch pressure input from zone thermostats to operate final control elements in pneumatic control applications.

- Seven input manifold containing logic diaphragm, air filter, and restrictions
- Two analyzers can be connected together to increase inputs to twelve.

Honeywell
THE POWER OF CONNECTED

Part No.	Description	Price
RP913A1008	7 Input Relay	Call

CAPACITY



Direct acting, modulating relay provides increased capacity of the branchline pressure to the final control device.

Honeywell
THE POWER OF CONNECTED

Part No.	Description	Price
RP970A1008	Capacity Relay	120.58

RATIO SPAN



A four port non-bleed pneumatic relay which produces a modulating pressure output, proportional in a fixed ratio to pilot input changes. It is used to control pneumatic valve or damper actuators in sequence from a single thermostat.

Honeywell
THE POWER OF CONNECTED

Part No.	Description	Price
RP971A1007	3 psi Input Span for 3–13 psi Output	Call

REVERSING



A modulating relay suitable for all types of heating and air conditioning control systems to reverse and increase the capacity of the branchline pressure to the final control element. The output varies inversely to the input with an adjustable offset.

Honeywell
THE POWER OF CONNECTED

Part No.	Comment	Price
RP972A1006	Standard with Mounting Clip Only	123.65

AVERAGING



A three-port relay used in HVAC systems averages the signals from two thermostats to control a single device such as a heating coil valve for a multizone unit. The pneumatic averaging relay provides an output pressure equal to the average of two input pressures.

Honeywell
THE POWER OF CONNECTED

Part No.	Comment	Price
RP973A1005	Standard with Mounting Clip Only	Call

HESITATION



A three-port hesitation relay provides minimum outside air damper position plus controlled ventilation for large volume unit ventilators.

Honeywell
THE POWER OF CONNECTED

Part No.	Comment	Price
RP975A1003	Standard with Mounting Clip	178.24

VALVE

3-PIPE SEQUENCING



Three-pipe, sequencing, pneumatically operated water valve for controlling both hot and cold water flow in fan-coil and induction units.

Honeywell
THE POWER OF CONNECTED

Part No.	Size (In.) (OD SAE)	Flow (Cv)		Price
		Port A	Port B	
VP522A1039	5/8	2.5	1.6	Call
VP522A1047	7/8	4.0	2.5	Call

3-WAY MIXING



Three-way pneumatic mixing valve provides proportional control of hot and/or cold water in unit air conditioners and fan coil systems.

- M flare connection
- Lower port normally open
- Spring range: 3 to 10 psi
- Flow: 1.6 Cv

Honeywell
THE POWER OF CONNECTED

Part No.	Tube Size (SAE OD–In.)	Price
VP526A1076	1/2	355.40

PNEUMATIC

THERMOSTAT



These pneumatic room thermostats are designed for proportional temperature control of pneumatic valves and damper actuators to maintain room air temperatures in heating, ventilating and air conditioning systems.

- Small size, approximately 2" x 2"
- Factory calibrated. S.S. ball-in-seat provides pneumatic feedback for linear, stable operation.
- Easy-to-use throttling range adjustment and recalibration
- Includes tubing reducers, tubing, wall plate, mounting plate, 2 mounting screws
- R2211512, R2211513, R2212418, R2212419, R2212518, R2212519 are kits that include cover

1 PIPE, ROOM TEMPERATURE

Part No.	Dial Range (°F)	Dial Limit Stops	Description	Price
2211012	55 to 85	No	1 Temp., 1 Pipe, DA	244.00
2211013	55 to 85	No	1 Temp., 1 Pipe, RA	244.00

2 PIPE, ROOM TEMPERATURE

Part No.	Dial Range (°F)	Dial Limit Stops	Description	Price
2212118	55 to 85	No	1 Temp., 2 Pipe, DA	283.00
2212119	55 to 85	No	1 Temp., 2 Pipe, RA	283.00
2214121	55 to 85 Day, 50 to 80 Night	No	Day/Night, 2 Pipe, DA	Call
2214122	55 to 85 Day, 50 to 80 Night	No	Day/Night, 2 Pipe, RA	Call

COVER



These thermostat covers are designed for use with 2" x 2" pneumatic controls only.

Part No.	Type	Dial Markings	Color	Material	Exterior Thermometer	Price
21928	Blank	None	Satin Chrome	Metal	No	64.00
21933	Full	55 to 85	Satin Chrome	Metal	Yes	64.00

2-PIPE, DUAL SETPOINT/DEADBAND ROOM



Dual setpoint/deadband pneumatic room thermostats are designed for proportional control of pneumatic valves, damper actuators, and other final control devices in environmental control systems. These devices are for use when it is desirable to set up a temperature span within which the HVAC system uses no energy for heating or cooling between selected heating and cooling setpoints. The high capacity, two pipe, pilot-operated relay type design provides pneumatic feedback for accuracy and stability over the entire operating range.

Part No.	Action	Price
2212318	DA, Proportional	369.00
2212319	RA, Proportional	Call

TRANSMITTER

ROOM TEMPERATURE



The temperature transmitter measures room temperature and transmits a proportional pneumatic signal to a calibrated receiver gauge and/or receiver controller. The device is factory set to transmit a 3 to 15 psig signal over a 50 to 90°F range.

- Permits remote readout and control of room temperature
- Highly sensitive bimetal sensing element
- Linear response to room temperature changes
- Field adjustable "zero" adjustment
- Temperature range: 50 to 90°F, non adjustable

Part No.	Action	Price
2220053	DA, Proportional	Call

PNEUMATIC

TRANSMITTER

TEMPERATURE



Designed to measure air or fluid temperatures in pneumatic control systems and transmit a fixed span, 3 to 15 psig signal to controlling and indicating devices such as receiver controllers, receiver gauges, sensitive pressure switches, or snap-acting R503-1 diverting relays. These transmitters are "one-pipe" devices requiring an externally restricted source of constant pressure control air. Their design features pneumatic feedback to assure accuracy and stability over their temperature span.

Part No.	Temperature Range (°F)	Mounting	Element	Price
2252110	-40 to 160	Duct or Immersion	Rigid, 1/4" x 7 1/16	Call
2252151	-25 to 125	Duct or Outdoor Air	Bulb, 1/4" x 4", 3' Cap.	677.00
2252250	0 to 100	Duct or Immersion	Rigid, 1/4" x 9 3/8"	570.00
2252502	40 to 140	Duct	Rigid Coiled, 10"	Call
2252610	40 to 240	Duct or Immersion	Rigid, 1/4" x 7 1/16	571.00

HUMIDITY, ROOM



Measures room humidity and transmits a proportional pneumatic signal to a calibrated receiver gauge and/or receiver controller. The device is factory set to transmit a 3 to 15 psig signal over a 30 to 80% RH range.

Part No.	Action	Price
2232053	DA, Proportional	Call

RELAY

PRESSURE SELECTOR



These pressure selector relays are designed for use in pneumatic control systems where the application requires the comparison, selection, and transmission of the higher or lower of two proportional signals. R2372351 can also be used as a booster relay.

- Proportional output

Part No.	Action	Price
2372351	Selects Lowest of 2 Inputs	Call
2372352	Selects Highest of 2 Inputs	122.00

SWITCH

PNEUMATIC/ELECTRIC



Pneumatic electric switches are used in control systems requiring conversion of gradual air pressure changes to positive electrical switching actions

Part No.	Switch	Setpoint (psig)	Differential (psi)	Price
2364211	1-SPDT	3 to 25	2, Fixed	215.00
2364220	2-SPDT	4 to 20	2.5 to 3.0, Fixed	Call

PNEUMODULAR® CONTROL

REVERSING RELAY



A proportioning device designed for use in pneumatic control systems where the application requires the reversing of a proportional signal from a controlling device. The branch line pressure decreases in direct proportion to an increase in input signal pressure and also amplifies the volume of air available for the final control device, thereby minimizing system lag. The unit is factory calibrated to decrease the branch line pressure from 16 psig to 0 psig as the signal pressure increases from 0 psig to 16 psig.

Part No.	Action	Price
2360501	Reverses Input Signal, Proportional	226.00

ELECTRIC PNEUMATIC RELAY



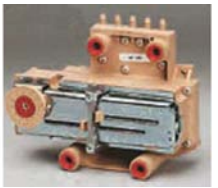
The electric pneumatic relays are three-way two-position, electrically activated air valves for use in pneumatic control systems where the application requires a variety of switching, diverting, or interlocking functions, actuated by an electrical circuit.

Part No.	Coil Voltage (Vac)	Price
2368501	24	Call
2368502	110	366.00

PNEUMATIC

PNEUMODULAR® CONTROL

RECEIVER CONTROLLER



The receiver controllers are used with remote pneumatic transmitters to provide proportional control in pneumatic control systems. They are designed primarily for use with pneumatic transmitters; however, they maybe used with any pneumatic device having an output of 3 to 15 psig, such as thermostats or humidistats. Both direct and reverse acting models are available and each device is of the dual input type, with remote setpoint capability. These devices may be used as single input devices by using only the desired input.

- Nozzle and flapper relay-type receiver-controller; linear, stable and responsive. Three inputs for primary, reset and remote control point adjustment (may be used with one or two inputs).
- Slide-type throttling range and authority adjustments

Part No.	Action	Comment	Price
2341521	Direct (DA)	Includes Mtg. Bracket	639.00
2341522	Reverse (RA)	Includes Mtg. Bracket	639.00
2341501	Direct (DA)	Controller Only	566.00
2341502	Reverse (RA)	Controller Only	566.00

DIVERTING RELAY, R2353 SERIES



Snap-acting devices with adjustable setpoints designed for a variety of switching and interlocking functions in pneumatic control systems where the application requires one or more of the following functions: feeding and exhausting branch lines, diverting a supply line to either one of two branch lines, or diverting one of two supply lines to one branch line. The primary function of these devices is to convert a proportional pneumatic signal, at a predetermined setting, into a positive pneumatic switching action. R2353503 is a nonadjustable, snap-acting, signal-comparing diverting relay designed for use in pneumatic control systems where the application requires a pneumatic switching function based on the comparison of two proportional pneumatic input signals.

- Positive two-position snap-action, SPDT pneumatic switching

Part No.	Setpoint Range (psig)	Differential (psi)	Application	Price
2353501	3 to 20	0.2 to 0.6	Transmitter Pilot	428.00
2353502	4.5 to 20	2 to 4	Controller Pilot	Call

PRESSURE RELAY



The volume booster relay is a proportioning device designed for use in pneumatic control systems where the application requires amplifying the volume of control air to final control devices. System transmission lag is minimized by using this relay in conjunction with a proportional controller operating several diaphgragm valves or damper actuators. This device may also be used as a low pressure selector when the application requires the comparison, selection and transmission of the lower of two proportional input signals. The high pressure selector relay is a device designed for use in pneumatic control systems where the application requires the comparison, selection, and transmission of the higher of two proportional input signals.

Part No.	Application	Price
2372501	Volume Booster/Low Pressure Selector	Call
2372502	High Pressure Selector	114.00

HI/LOW SELECTOR RELAY



A device designed for use in pneumatic control systems where the application requires the comparison, selection, and transmission of the highest and/or the lowest of up to six pneumatic input signals. All input ports are "dead-ended" and no signal air passes through the relay to the output ports.

Part No.	Description	Price
2373501	6 Input Selector Relay	407.00

ACCESSORIES

PRESSURE GAUGE



Pressure gauges for continuous indication of air pressure in pneumatic control systems.

Part No.	Dial Size (In.)	Range (psi)	Mounting	Air Connection	Price
2420-001	1-1/2	0 to 30	Stem	1/8" MPT, Back	Call
2420002	2	0 to 30	Stem	1/8" MPT, Bottom	Call
2420003	2	0 to 30	Stem	1/8" MPT, Back	62.00
2420004	2	0 to 160	Stem	1/8" MPT, Back	Call
2420005	2	0 to 30	Flush	1/4" barb, Back	98.00

PNEUMATIC

ACCESSORIES

RECEIVER GAUGE



Receiver gauges for continuous indication of temperature, differential static pressure, differential pressure, pressure, enthalpy, or humidity in conjunction with a transmitter-receiver system.

- Adjustable pointer: dial face overlay required (supplied in kit)

Part No.	Dial Size (In.)	Mount	Air Connection	Price
2422001	2-1/2	Flush, U-Clamp	3/16" Barb	Call
2422002	3-1/2	Flush, U-Clamp	3/16" Barb	236.00
2422003	2	Stem	1/8" MPT, Center Back	106.00

CONTROLLER

RECEIVER CONTROLLER



For use in conjunction with remote proportional transmitters for proportional control of pneumatic actuated dampers, valves, etc., in air conditioning systems. The transmitterreceiver- controller system may be used to control temperature, humidity, or pressure.

- Nozzle and flapper relay type receiver controllers
- Direct acting. Field changeable to reverse acting
- Two pipe
- Proportional band: 2 1/2% to 40% of primary span

Note: RKS4002 input 2 has a reverse acting reset only. For direct acting the output pressure increases as input 2 increases. For reverse acting the output pressure increases as input 2 decreases

Part No.	Authority	Description	Price
RKSR4000	10% to 200% of Primary Span	Replacement, Single or Dual Input	959.00

ACTUATOR

PROPORTIONAL VALVE TO 6"



Proportional pneumatic actuator with 50 sq. in. effective diaphragm area used to control 1 1/2" to 4" VB-9X13 Series and 1 1/2" to 6" VB-9323 Series valves.
Requires AV430 Linkage for VB7000 Series valves
Requires AV495 Linkage for VB9000 Series valves

- Spring range: 8 to 13 psig
- Nominal stroke: 1"

Part No.	Stroke (In.)	Price
MK6821	1	699.00

PROPORTIONAL VALVE TO 1-1/4"



For proportional pneumatic control of 1/2" to 1 1/4" VB-111 and VB-7000, VB9000 Series valves.
Requires AV400 linkage for all applications.

Part No.	Stroke	Price
MK2690	1/2" Nominal	133.00

RELAY

POSITIVE POSITIONING



Positive positioner pneumatic relay is used to accurately position an actuator stroke with respect to signal pressure from the controller. It can also be used to change the effective spring range of an actuator and increase the capacity of a controller.

- All necessary linkage provided to assemble AK-42309-500 to MK-2690-0-0-1, 3000, 4600-0-0-2, 4700, 4800, 6800, 6900, 7000, 8800 and 8900 actuators

Part No.	Action	Price
AK42309500	DA	400.00

ACTUATOR ACCESSORIES

VALVE LINKAGE



AV400 includes parts for VB-7xxx valves and discontinued 1/2 to 1 1/4" VB-9xxx valves. AV7400 is for VB-7xxx valves only

Part No.	Usage	Valve Size (In.)	Price
AV400	MK2690	1/2 to 1 1/4	39.00
AV7400	MK2690	1/2 to 1 1/4	39.00
AV401	MK46**	1/2 to 1 1/4	39.00

VALVE LINKAGE KIT



For assembling MS-80000 and MSR-80000 Series hydraulic actuators to 1-1/2 to 2" VB-92XX and VB-9313, 1-1/2" to 3" VB-9323 valve bodies.
For assembling MK-6800 Series 50 sq. in. pneumatic actuators to 1-1/2" to 2" VB-9XXX and 1-1/2" to 6" VB-9323 valve bodies.

Part No.	Description	Price
AV430	MK6800 Series with VB7000 Series Valve	Call

PNEUMATIC

ACTUATOR ACCESSORIES

VALVE LINKAGE KIT



For assembling MS-80000 and MSR-80000 Series hydraulic actuators to 2-1/2 to 4" VB-92XX and VB-931X valve bodies.
For assembling MK-68X1 pneumatic actuators to 2-1/2" to 4" VB-92XX and VB-931X valve bodies.

Part No.	Description	Price
AV495	Mk6800 Series with VB9000 Series Valve	156.00

LINKAGE EXTENSION



The AV-601 valve extension kit is used to increase the allowable ambient temperature ratings of MA, MF, MP-5X1X-XXX, MPR-5X1X and MP- 541X Series actuators on applications with hot water or steam. The MF-5X1X, MP-541X, and MPR-5X1X Series of actuators require the A-601 extension.

Part No.	Description	Price
AV601	MA Extension	150.00

THERMOSTAT



Designed for proportional control of pneumatic valve and damper actuators used in HVAC systems. A highly sensitive bimetal element with feedback is used for accuracy and stability. The throttling range is factory set at 3°F and is field adjustable.

- Setpoint range: 55 to 85°F
- Throttling range: 3 to 12°F
- HFO0010—restrictor tee (14.4 scim) required for CTC16* series.

Requires cover and/or scaleplate for complete installation

1 PIPE, ROOM TEMPERATURE

Part No.	Type	Action	Price
CTC1611	1 Pipe	DA	Call
CTC1612	1 Pipe	RA	Call

2 PIPE, ROOM TEMPERATURE

Part No.	Type	Action	Price
CTC1621	2 Pipe	DA	163.79
CTC1622	2 Pipe	RA	Call
CTC1631	2 Pipe Deadband	DA	Call

COVER



Covers for CTC16** Series thermostats

Part No.	Type	Color	Construction	Price
HPO1501	Blank	Almond	ABS	Call
HPO1511	Window	Almond	ABS	Call

CONTROLLER

RESET VOLUME, VAV



- Designed for use on VAV terminal units in HVAC systems
- Submaster air velocity controllers whose velocity setpoint is reset between adjustable minimum and maximum limits by a master controller, typically a room thermostat
- For DA cooling or RA heating applications, no dampers
- Set point range:
  Minimum—0 to 1" wg
  Maximum—min. + 1" wg

Part No.	Description	Price
CSC2003	Reset Volume Control	260.55

RESET VOLUME, UNIVERSAL



Designed for use on variable air volume terminal units in HVAC systems.
It is a submaster air velocity controller whose velocity setpoint is reset between an adjustable minimum and maximum limit by a master controller, typically a room thermostat.
Used for either direct or reverse acting reset for normally open or normally closed VAV terminal units. It has a factory set reset start point and reset span which can be field adjusted. The reset span is always constant no matter what minimum and maximum limits have been set.

- For cooling or heating, DA or RA applications

Part No.	Description	Price
CSC301110	0 to 1" Range; 8 Psig Start	347.33
CSC302110	0 to 1" Range; 3 Psig Start	Call
CSC302510	0 to 2" Range; 8 Psig Start (High Flow, for Trane® Units)	347.33

PNEUMATIC

RELAY

PNEUMATIC-ELECTRIC



- Designed for use in control circuits of HVAC systems
- Ideal for applications such as starting fan coil unit fans, exhaust fans, and direct control of electric duct heaters
- With case and cover

Part No.	Switch	Price
CCE1001	SPDT	187.50
CCE1002	DPDT	217.73

REVERSING



Designed for reversing a proportional signal from a controlling device. Factory adjusted to decrease branch line pressure as the input pressure increases. With bracket.

Part No.	Type	Price
RCC1101	Pilot, 9 psi Calibration	Call
RCC1501	Main, 8 psi Calibration	Call

AVERAGING



Designed for applications that do not require large amounts of output air volume. Suitable for room or zone applications such as VAV terminals. Use where desired output signal to the controlled device is to be the average of two source signals

- With bracket

Part No.	Description	Price
RCC1102	Averaging Relay	45.30

DIVERTING



Adjustable diverting relays are SPDT devices that divert one signal to either of two branch circuits or select one of two inputs and transmit it to another control device. They also can be used to feed or exhaust a circuit.

Part No.	Description	Price
RCC1109	Diverting Relay	88.17

DIFFERENTIAL PRESSURE FLOW SENSOR



Designed to sense differential pressure in the inlet section of variable air volume terminal units and fan terminal units. They can also be used to sense differential pressure at other locations in the main or branch duct systems. Normally used in conjunction with the CSC-1000, 2000, and 3000 series of VAV terminal controllers for individual zone control in HVAC systems.

Part No.	Sensing Length (In.)	Price
SSS1003	5-13/32	36.02
SSS1005	9-29/32	49.35

ACTUATOR

HYDRAULIC, 1-11/16" STROKE



Designed to control small dampers such as air terminal units. Furnished with a right-angle mounting bracket for mounting to the side of a VAV terminal. The bronze bushing actuator may be rotated in the bracket so the air connection can be placed where desired. The end of the shaft has a slot and clevis pin to allow direct connection to the damper linkage of a VAV terminal. The metal body allows them to be used in ceiling plenums where concern for local safety codes is a factor.

- Bronze bushing
- Effective area: 8 sq. in. with clevis and cotter pins

Part No.	Spring Range (psi)	Description	Price
MCP80312101	3 to 12	Bronze Bushing with Clevis and Cotter Pins	Call
MCP80313101	5 to 10	Bronze Bushing with Clevis and Cotter Pins	157.24
MCP80313102	5 to 10	Delrin Bushing without Clevis and Cotter Pins	Call
MCP80315101	8 to 13	Bronze Bushing with Clevis and Cotter Pins	157.24

ACTUATOR



Designed for use in pneumatic control systems positioning automatic air dampers and can be used for gradual or two position applications.

- With 1/2" crank arm, bracket mount
- Effective area 1030: 7 sq. in.; 1040:11 sq. in.

HYDRAULIC, 3" STROKE

Part No.	Spring Range (psi)	Price
MCP10302111	3 to 12	Call
MCP10303111	5 to 10	409.50
MCP10305111	8 to 13	409.50

PNEUMATIC

ACTUATOR

HYDRAULIC, 4" STROKE

Part No.	Spring Range (psi)	Price
MCP10402211	3 to 12	Call
MCP10403211	5 to 10	491.39
MCP10405211	8 to 13	491.39

THERMOSTAT

2 PIPE, HIGH VOLUME



Provides proportional single output, single setpoint, 2-pipe pneumatic room temperature control.

- Requires cover to complete installation

SIEMENS

Part No.	Action	Price
192202	Direct Acting	200.42
192203	Reverse Acting	200.42

2 PIPE, CONVERSION KIT



Pneumatic room thermostat kit converts most existing pneumatic room thermostats to a Powerstar 192, 2-pipe, single setpoint unit.

- Includes cover and back plate

SIEMENS

Part No.	Action	Price
192840	Direct Acting	226.86
192841	Reverse Acting	226.86

COVER KIT



Retrostat plastic thermostat cover kit with dial plates that expose or conceal the setpoint indicator and/or thermometer. Thumb wheel covers to conceal setpoint adjustment. Snap-out tab for day/night lever.

- Desert beige (standard)
- For use with 192 series pneumatic thermostats

SIEMENS

Part No.	Description	Price
192868	Powers Thermostat Cover Kit	Call

CONTROLLER

RECEIVER CONTROLLER



The 195 series controller receives a pneumatic input of 3 to 15 psi from a transmitter and then provides a pneumatic output based on the net pneumatic input and the mechanical settings of the setpoint and proportional band. The controller can be easily changed from direct to reverse acting.

SIEMENS

Part No.	Transmitter Inputs	Price
1950011	One	Call
1950003	Up to three	752.94

ACTUATOR DAMPER

4" STROKE



Designed with a 4-inch stroke, the No. 4 pneumatic actuator is a rugged, metal-fabricated devce that provides gradual or positive actuation of HVAC and fire/smoke dampers.

- UL recognized
- Replacement purposes, integral pivot mounting (no bracket)

SIEMENS

Part No.	Spring Range	Price
3312904	3 to 7 psi	Call
3312906	5 to 10 psi	Call
3312961	8 to 13 psi	Call

TUBING



PLEXCO flame retardant polyethylene tubing is produced for pneumatic control applications where high quality plastic tubing with flame retardant and superior stress-crack resistance properties are required for long term, reliable performance. Its light weight and flexibility provide for ease of handling and installation. Tubing systems are marked with a white ink numbering system over the full length of the tubing. "Flame Retardant" indicates that the tubing materials have the ability to retard and extinguish the flame once its source is removed. Standard test results on actual extruded tubing meet or exceed the requirements of ASTM D-635.

5/32" OD

- Nominal I.D.: .096"
- Nominal wall thickness: .030"
- Coil length: 500'
- Burst pressure: > 500 psi @75°F
- P532TT are twin connected tubes

CPChem PERFORMANCE PIPE

Part No.	Color	ID Stripe	Price
PT532BLK	Black	None	49.80
PT532TT*	Black	None	Call

*Twin connected tubes.

1/4" OD

- Nominal I.D.: 170"
- Nominal wall thickness: .040"
- Coil length: 250'
- Burst pressure: > 500 psi @ 75°F
- PT14TT are twin connected tubes

CPChem PERFORMANCE PIPE

Part No.	Color	ID Stripe	Price
PT14BLK	Black	None	33.70
PT14TT*	Black	None	Call
PT14BLU	Black	Blue	Call
PT14GRN	Black	Green	Call
PT14ORG	Black	Orange	Call
PT14RED	Black	Red	Call
PT14VIO	Black	Violet	Call
PT14WHT	Black	White	Call
PT14YEL	Black	Yellow	Call

*Twin connected tubes.

PNEUMATIC

TUBING

3/8" OD

- Nominal I.D.: .250"
- Nominal wall thickness: .062"
- Coil length: 250'
- Burst pressure: > 500 psi @ 75°F

CPChem PERFORMANCE PIPE

Part No.	Color	ID Stripe	Price
PT38BLK	Black	None	76.20
PT38BLU	Black	Blue	Call
PT38GRN	Black	Green	Call
PT38ORG	Black	Orange	Call
PT38RED	Black	Red	Call
PT38VIO	Black	Violet	Call
PT38WHT	Black	White	Call
PT38YEL	Black	Yellow	Call

1/2" OD

- Nominal I.D.: .375"
- Nominal wall thickness: .062"
- Coil length: 250'
- Burst pressure: > 350 psi @ 75°F

CPChem PERFORMANCE PIPE

Part No.	Color	ID Stripe	Price
PT12BLK	Black	None	115.50

ACCESSORIES

AIR DRYER



- Eliminate water from your compressed air lines
- Improve the efficiency of your compressed air system
- Reduce operating costs
- Designed to cool your air supply to the specified dew point with minimum pressure drop
- Two stage separator efficiently removes condensed moisture
- Automatic condensate drain
- Cooling temperatures are automatically and accurately controlled over a wide range of load and ambient conditions
- Voltage: 115/1/60

HANKISON

Part No.	Capacity (SCFM)	Connection Type	Connection Size (In.)	Dim. (In.) H	W	D	Ship Wt.	Price
HPR5-10	5 to 10	OD	3/8	15	13	13	64	806.00
HPR15	15	OD	3/8	15	13	13	69	1088.00
HPR25	25	MPT	3/4	22	15	15	88	1303.00
HPR35	35	MPT	3/4	22	15	15	92	Call

AIR COMPRESSOR, TANK DRAIN, MECHANICAL



For draining and expelling
- Condensed moisture
- Emulsified oil
- Viscous condensate

HANKISON

Part No.	Price
0504-1	141.00
0508-1	157.00

CONDENSATE ELECTRIC TANK DRAIN



- Resistant to large particles
- Internal pilot operated diaphragm solenoid valve
- Complete with strainer
- Accurate setting of valve open and valve closed time
- External adjustment knobs
- Test button and status lights

HANKISON

Part No.	Working Pressure (psig) Min	Max	Max Temp (°F)	Voltage	Orifice Size	Dimensions (in) H	W	D	Shipping Weight (lbs)	Price
4010266	0	175	280	115/1/60	1/8 in	5	2	6	3	Call

ELECTRICAL DEVICES AND ACCESSORIES

VOLTAGE MONITOR

3Ø



- Identifies front and back side faults
- Built-in short cycle protection, knob adjustable delay on break, 0.1 to 5 minutes
- Monitors: voltage unbalance, high/low voltage, phase loss, reversal, incorrect sequencing, rapid short cycling

Input:
- Voltage: 190–630 Vac, 50/60 Hz
- Voltage unbalance: Adjustable 2–25%
- Control: 18–240 Vac

Output:
- Relay, SPDT—Normally open:10 amps

Normally closed: 6 amps

ICM CONTROLS

Part No.	Description	Price
ICM400C	3-Phase Voltage Monitor	275.41

ELECTRICAL DEVICES AND ACCESSORIES

VOLTAGE MONITOR

3Ø, DISPLAY



- Monitors front and back side of system
- Programmable: 25-fault memory storage
- Independent high/low voltage settings for dual voltage compressor applications
- High temperature LCD to 167°F
- Simultaneous voltage display: No scrolling
- Line voltage programmable
- Reset: Auto or manual
- Monitors: Voltage unbalance, high/low voltage, phase loss, reversal, incorrect sequencing, rapid short cycling
- Does not require control voltage for operation

Input:

- Voltage: 190–630 Vac
- Voltage unbalance: Adjustable 2–25%
- Control: 18–240 Vac

Output:

- Relay, SPDT—Normally open: 10 amps

Normally closed: 6 amps

Part No.	Description	Price
ICM450C	3-Phase Voltage Monitor w/Display	356.42

PHASE VOLTAGE MONITORS



Part No.	Switch	Description	Price
SLA-230-ALE	DPDT	3-Phase Voltage Monitor	167.00
SLA-230-ASA	SPDT	3-Phase Voltage Monitor	83.07
SLA-440-ALE	DPDT	3-Phase Voltage Monitor	174.79
SLA-440-ALER	SPDT	3-Phase Voltage Monitor	197.27
SLA-440-ASA	SPDT	3-Phase Voltage Monitor	95.89
AC-301-440		3-Phase Voltage Monitor	188.24

3Ø, SINGLE SIDE ECONOMY



- Low cost, single side 3-phase protection
- Monitors for phase reversal, phase loss, phase unbalance % as a function of input voltage
- Less than 1 second phase loss response
- Automatic reset from a fault condition

Input: Line voltage: 190–600 Vac
Control voltage: 115–230 Vac
50/60 Hz

Output: Relay, SPST normally open: 30 amps

Part No.	Description	Price
ICM402	3-Phase Monitor	Call

1Ø



Protects against high/low voltage and rapid system recycling, 95–270 Vac operation and adjustable anti shortcycle timer.

- Integral anti short-cycle protection "delay on break" circuit provides adjustable (.1–10 minute) lockout delay to prevent rapid system recycling
- Contact rating: SPDT 5 amps @ 240 Vac
- Voltage dropout: ±12%
- Voltage pickup: ±8%

Part No.	Description	Price
ICM491C	Single Phase Monitor	83.81

POWER MONITORING



- Switches upon activation of current in sensed line

Part No.	Output Voltage	Input Range	Price
R310AD1	24	0.5 to 200 Amps	Call
R310AE2	120/240	0.75 to 200 Amps	164.46

ENCLOSED SPLIT CORE SENSOR



- Operating Temperature: -30 to 140°F
- Max Sense Voltage: 600 Vac
- Adjustable threshold
- Mounting/Installation: removable mounting tab provided. The wire clamp locks against the load wire, securing the unit in place.

Part No.	Input Range	Output	Switch	Price
RIBXGTA	0.75 to 150 A	30 Vac/dc; 0.4 Amps Max (Terminal Strip, Accepts #14-22 AWG Wire)	Solid State Switch SPST	57.03
	0.25 to 150 A	30 Vac/dc; 0.4 Amps Max	Solid State Switch SPST	
RIBXKTF	0.25 to 150 A	30 Vac/dc; 0.4 Amps Max	Solid State Switch SPST	32.14
RIBXGHF	0.5 to 150 A	30 Vac/dc; 0.4 Amps Max	Solid State Switch SPST	53.71

SENSOR



Senses air handler motor amperage to initiate humidifier or electronic air cleaner operation

- Requires min4imum 4 amps to activate relay

Part No.	Voltage	Price
AA50	24	43.30
AA51	120	54.35

ELECTRICAL DEVICES AND ACCESSORIES

POWER MONITORING

SENSOR ASSEMBLY



The X Series contains current sensors with or without a 10 or 20 amp relay. An internal 10 amp relay can be used to activate an external contactor, and currents up to 150 amps are sensed externally with a solid or split current sensing ring. Other units control and sense up to 20 amp loads, without the use of an external current ring, greatly reducing installation time. Externally visible LEDs indicate the status of the relay coil and current sensor trigger. Sensor-relay X Series models have been packaged to save the installer the time, trouble and expense of buying separate components (current sensor, relay, LED indicator, socket, mounting rail and housing) and assembling them on the job or at the shop.

- Adjustable threshold for sensor/relay combinations, fixed threshold for solid core sensor RIBXKF

Functional Devices, Inc.

Part No.	Input Range	Switch	Resistive Amps	Pilot Load (VA)	Override Switch	Description	Price
RIBXKF	0.25 to 150 A	SPNO	0.4	—	—	Sensor	32.14
RIBX24SBA	0.50 to 20 A	SPST	20	1110	Yes	Internal Sensor/Relay	Call
RIBXLSRA	1.25 to 150 A	SPST	10	480	Yes	External Sensor/Relay	Call

TRANSFORMER

FOOT MOUNT NEMA STANDARD



Honeywell THE POWER OF CONNECTED

Part No.	Power Rating (VA)	Primary Voltage (Vac)	Secondary Voltage (Vac)	Mount	Comment	Price
AT87A1106	50	120/208/240	24	Foot, Plate	Screw Terminal Secondary	77.13
AT87A1155	48	480	24	Foot	12" Lead Secondary	105.80
AT87A1189	48	277	24	Foot	12" Lead Secondary	91.41

FOOT MOUNT



- Foot mount
- Connection: 12" lead wires

Honeywell THE POWER OF CONNECTED

Part No.	Power (VA)	Voltage (Vac) Primary	Voltage (Vac) Secondary	Price
AT88A1005	75	120	24	186.34
AT88A1021	75	208/240	24	176.03
AT88A1047	75	480	24	179.70

MULTI-MOUNT NEMA STANDARD



- Foot mounted
- Screw terminal secondary

Honeywell THE POWER OF CONNECTED

Part No.	Power Rating (VA)	Voltage (Vac) Primary	Voltage (Vac) Secondary	Price
AT72D1683	40	120	24	58.10
AT72D1691	40	208/240	24	67.63

MULTI-MOUNT



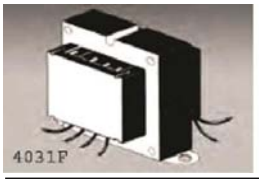
- 9" lead wire primary connection
- Screw terminal secondary connection
- Foot, plate (2" x 4" or 4" x 4" outlet box) clamp or panel mounting
- 60 Hz only

Honeywell THE POWER OF CONNECTED

Part No.	Power (VA)	Voltage (Vac) Primary	Voltage (Vac) Secondary	Price
AT140A1000	40	120	24	31.63
AT140A1018	40	120/208/240	24	34.76
AT150A1007	50	120/208/240	24	40.63
AT175A1008	75	120/208/240	24	88.78

*In-Line Fuse

FOOT MOUNTED



Open construction, wire leads.

- Safety agency approved
- Inherently limited design provides protection from short circuiting

IRP International Refrigeration Products Beacon

Part No.	Power (VA)	Voltage (Vac) Primary	Voltage (Vac) Secondary	Price
2031F	20	120/208/240	24	Call
4031F	40	120/208/240	24	12.58
40271F	40	277	24	9.72
5031F	50	120/208/240	24	Call
5032F	50	120/208/240	24/12/2.5	Call
10048PC	100	208-240	120/24	79.63

ELECTRICAL DEVICES AND ACCESSORIES

TRANSFORMER

CIRCUIT BREAKER



- All models feature a UL recognized manual reset circuit breaker
- Safety agency approved
- Foot mounted

Part No.	Power (VA)	Voltage (Vac) Primary	Voltage (Vac) Secondary	Price
5041C	50	120/208/240/480	24	24.78
7541C	75	120/208/240/480	24	31.84
10041C	100	120/208/240/480	24	38.46

MULTI-MOUNT



Closed construction, 4" x 4" plate.

- Optional 3-way mounting for maximum flexibility: foot, plate or conduit
- Safety agency approved
- Welded laminations for quiet operation

Part No.	Power (VA)	Voltage (Vac) Primary	Voltage (Vac) Secondary	Price
4031M	40	120/208/240	24	14.68
5031M	50	120/208/240	24	17.50
7541M*	75	120/208/240/480	24	29.32

*In-Line Fuse

CIRCUIT BREAKER



Intended for use in systems with predictable, uniform loads. Includes button for manually resetting the circuit breaker.

- Foot mounted

Part No.	Output (VA)	Voltage (Vac) Primary	Voltage (Vac) Secondary	Price
AT150F1022	50	120/208/240	24	68.77
AT150F1030	50	208/277/480	24	70.57
AT175F1023	75	120/208/240	24	109.98
AT175F1031	75	208/277/480	24	Call

JOHNSON CONTROL



- Y65 Series transformers have energy limiting overload protection ONLY; all others have integral circuit breakers
- Y65G130 is a low voltage isolation transformer for sensitive digital circuitry

Part No.	Power (VA)	Voltage (Vac) Primary	Voltage (Vac) Secondary	Mounting	Price
Y65G130	40	24	24	Foot	63.64
Y65T420	40	120/208-240	24	Plate	76.63
Y65F420	40	277/480	24	Plate	Call
Y63T220	50	120/208-240	24	Plate	96.88
Y63F220	50	277/480	24	Plate	97.93
Y66T120	75	120/208-240	24	Foot	174.06
Y66F120	75	277/480	24	Foot	195.81
Y64T220	92	120/208-240	24	Plate	174.97

FAN CONTROL CENTER

ENCLOSED RELAY



Provides low voltage control of line voltage fan motors and auxiliary circuits in heating, cooling or heatingcooling circuits.

- Enclosed relay
- Power contact rating: 6.9 FL amps @ 240 Vac

Part No.	Switch	Power (VA)	Voltage (Vac) Primary	Voltage (Vac) Secondary	Price
R8239A1052	SPDT	40	120	26.5	103.20

OPEN RELAY



Contact rating: 6 FL amps @ 240 Vac.

Part No.	Switch	Power (VA)	Voltage Primary	Voltage Secondary	Price
R8285B1053	DPDT	40	120/208/240	24	Call

OPEN RELAY



- 40 VA transformer
- 6.9 FL amp relay contacts @ 240V

Part No.	MARS Equivalent	Switching	Voltage (Vac) Primary	Voltage (Vac) Secondary	Price
90113	24013	SPDT	120	24	56.36

ELECTRICAL DEVICES AND ACCESSORIES

RELAY, SWITCHING

SPNO



- Quick connect terminals
- 50/60 Hz

Part No.	Full Load Amps @ 240V	Coil Voltage	Price
90290Q	8	24	6.22
90291Q	8	120	7.78
90292Q	8	208/240	9.14

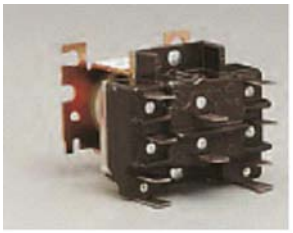
SPDT



- Quick connect terminals
- 50/60 Hz

Part No.	Full Load Amps @ 240V	Coil Voltage	Price
90293Q	8	24	7.56
90294Q	8	120	10.52
90295Q	8	208/240	12.06

DPDT



- General purpose switching
- 50/60 Hz

Part No.	Pole Usage	Coil Voltage	Price
90340	Power-Power	24	7.14
90341	Power-Power	120	7.40
90342	Power-Power	208/240	7.14

DPDT

Part No.	Pole Usage	Coil Voltage	Price
90343	Power-Pilot	24	Call
S90345	Power-Pilot	208/240	24.43
90346	Pilot-Pilot	24	Call
90348	Pilot-Pilot	208/240	Call

GENERAL PURPOSE



Provides general purpose and heavy duty switching for refrigeration and air conditioning equipment, appliances, vending machines and similar applications.

- Power poles: 6 full load amps @ 277 Vac
- Pilot poles: 125 VA @ 480 Vac
- R4228: 12 full load amps @ 277 Vac

Part No.	Switch	Poles A	Poles B	Coil Voltage	Price
R8222B1067	SPDT	Power	None	24	36.28
R8222D1014	DPDT	Power	Power	24	38.85
R8222N1011	DPDT	Pilot	Pilot	24	Call
R8222V1003	DPDT	Pilot	Power	24	Call
R4222B1082	SPDT	Power	None	120	Call
R4222D1013	DPDT	Power	Power	120	41.82
R4222D1021	DPDT	Power	Power	240	43.68
R4222N1002	DPDT	Pilot	Pilot	120	Call
R8228B1012	SPDT	Power	Power	24	Call

TIME DELAY RELAY



- 80-second delay on break.
- Combination electronic time delay board and R8222 relay saves wiring time.
- Molded terminal numbers and circuit diagram on top of relay and letter-coded terminals on time delay board provide easy identification for wiring and system checkout.
- Laminated magnet construction for high efficiency.
- Reduces stratification and saves energy.
- Contact ratings: 6 FLA @ 240 Vac

Part No.	Switch	Coil Voltage (Vac)	FLA @ 240V	Price
ST82D1004	DPDT	24	6	70.69

ELECTRIC HEAT



Provides conventional on-off control of heating elements and fan in an electric furnace.

- Maximum temperature rating: 165°F
- Coil voltage: 24 Vac

Part No.	1st Pole Resistive Amps (@ 277 Vac)	Number 5 kW Elements	Includes	Price
R8229A1005	25	2	—	136.92
R8229A1021	25	2	Mounting Plate, Hardware	179.32
R8246A1038	48	4	Mounting Plate, Hardware	197.30

ELECTRICAL DEVICES AND ACCESSORIES

RELAY, SWITCHING

HEAVY DUTY



- Switches 18 amp resistive loads
- 50/60 Hz

Part No.	Switch Type	Full Load Amps @ 240V	Coil Voltage	Price
90364	SPNO	8	208/240	Call
92370	SPDT	8	24	6.59
90372	SPDT	8	120	24.50
90374	SPDT	8	208/240	26.17
90380	SPNO-SPNC	8	24	7.28
90382	SPNO-SPNC	8	120	Call

ENCLOSED



RH series uses silver cadmium oxide contacts to help reduce voltage arcing. Available in 1 to 4 poles, with either .187" blade plug-in (stock) or PCB terminals (special order).

- Compact midget size saves space
- High switching capacity
- LAC, ULAC models feature indicator light, RH3BULCAC24V has indicator light and momentary check button

Part No.	Switch Type	Coil Voltage	Resistive Amps @ 240V	Price
RH1BUAC24V	SPDT	24	10	Call
RH1BULAC24V	SPDT	24	10	11.31
RH1BUAC120V	SPDT	120	10	Call
RH1BULAC120V	SPDT	120	10	12.14
RH2BUAC24V	DPDT	24	10	Call
RH2BULAC24V	DPDT	24	10	12.44
RH2BUAC120V	DPDT	120	10	Call
RH2BULAC120V	DPDT	120	10	12.44
RH2BULAC240V	DPDT	240	10	Call
RH3BULAC24V	3PDT	24	7.5	15.13
RH3BULCAC24V	3PDT	24	7.5	Call
RH3BULAC120V	3PDT	120	7.5	Call
RH3BULAC240V	3PDT	240	7.5	Call
RH4BULAC24V	4PDT	24	7.5	17.97
RH4BUAC120V	4PDT	120	7.5	Call
RH4BULAC120V	4PDT	120	7.5	Call

SOCKET



- Worldwide Approvals: UL, CSA, TUV, CE
- UL94-V0 flame resistant material
- Unbreakable nylon construction
- Hold-down springs and clips available for most models
- Receptacles with four contact points per blade

Part No.	Description	Price
SH1B05	Socket, DIN/Surface mount, RH1B	5.14
SH3B05	Socket, DIN/Surface mount, RH3B, RH2LB	6.95
SH4B05	Socket, DIN/Surface mount, RH4B	9.76

LOCK-OUT RELAY

- To provide manual reset protection with overloads, controls, etc.
- Pilot rated contacts
- 50/60 Hz

Part No.	Switch Type	Coil Voltage	Price
90109	SPNC	24	68.11
90110	SPNC	208/230	66.74

ADD-A-RELAY



Provides control of line voltage fan motors and auxiliary circuits in heating, cooling or heating-cooling systems.

- Contact rating: 7.0 FL amps @ 240 Vac
- Auxiliary rating: 2.0 FL amps @240 Vac
- Coil voltage: 24 Vac

Part No.	Switch	Price
R8225A1017	SPDT	136.31
R8225D1003	DPST, Normally Open, 1-Main, 1-Auxiliary	Call

HEAVY DUTY



- Contact rating: 10 full load amps @ 240 Vac
- Integral transformer for control circuit
- Coil voltage: 24V

Part No.	Input Voltage	Switch	Price
R847A1085	120	DPST	Call

ELECTRICAL DEVICES AND ACCESSORIES

RELAY, SWITCHING

RELAY IN A BOX, ENCLOSED



- In enclosed plastic box
- All wires exiting from nipple
- Selected models have override switch which allows manual control of switching action
- Pilot duty rated at 277 Vac
- RIBU1SM is set up to send a switch monitoring signal to a controller

Functional Devices, Inc.

Part No.	Coil Voltage	Switch	Resistive Amps (A)	Inductive Load (VA)	Override Switch	Price
RIBU1C	10–30 ac/dc, 120 ac	SPDT	10	480	—	22.71
RIBU2C	10–30 ac/dc, 120 ac	2-SPDT	10	480	—	41.57
RIBU1S	10–30 ac/dc, 120 ac	SPNO	10	480	Yes	38.34
RIBH1S	10–30 ac/dc, 208/240/277 ac	SPNO	10	480	Yes	Call
RIBH1C	10–30 ac/dc, 208/240/277 ac	SPDT	10	480	—	25.30
RIB2401D	24 ac/dc, 120 ac	DPDT	10	180	—	37.91
RIB2401B	24 ac/dc, 120 ac	SPDT	20	1110	—	33.69
RIB24P	24 ac/dc	DPDT	20	1110	—	67.66
RIB243P	24 ac/dc	3PNO	20	1110	—	106.94
RIB01P	120 ac	DPDT	20	1110	—	85.09
RIB02P	208/240/277 ac	DPDT	20	1110	—	Call

RELAY IN A BOX, PANEL STYLE



Panel style relays are exposed track mount suitable for wiring enclosures.

- Selected models have override switch which allows manual control of switching action

Functional Devices, Inc.

Part No.	Coil Voltage	Switch	Resistive Amps (A)	Inductive Load (VA)	Override Switch	Price
RIBMU1C	10–30 ac/dc, 120 ac	SPDT	15	480	—	23.40
RIBMU2C	10–30 ac/dc, 120 ac	2-SPDT	15	480	—	Call
RIBM24C	24 ac/dc	SPDT	15	470	—	Call
RIBM24S*	24 ac/dc	SPST	15	470	Yes	18.54

*Must cut appropriate jumper to select N.O. or N.C.

RELAY IN A BOX, T STYLE



T style relays have a class 2 wiring compartment with terminal strips for high/low voltage separation.

- Wires exit from nipple

Functional Devices, Inc.

Part No.	Coil Voltage	Switch	Resistive Amps (A)	Inductive Load (VA)	Override Switch	Price
RIBH1CW	10–30 ac/dc, 208/240/277 ac	SPDT	15	480	—	Call

ELECTRIC HEAT



- Level-temp low voltage control systems for electric heat
- Level-temp allows low voltage 2-wire thermostats to control line voltage loads such as baseboard heaters.
- Switch: SPST, normally open

White Rodgers EMERSON Climate Technologies

Part No.	Input Voltage (Vac)	Resistive Load	Price
24A01G3	240	25A, 6000W, 240V	141.93
24A05Z1	277	22A, 6000W, 277V	Call

ELECTRIC HEAT



Use with 2-wire, 24 Vac thermostat to control electric heating equipment such as baseboards, ceiling cables and duct heaters.

Honeywell

Part No.	Switch	Primary Voltage	Application	Price
R841C1227	SPST	240	Controls 1 Load, Integral Transformer	163.78
R841E1068	DPST	240	Controls 2 Loads, Integral Transformer	Call

SWITCHING RELAY



Provides intermediate switching of a line voltage device from a low voltage controller.

- Integral transformer provides low voltage power for control circuit

Honeywell

Part No.	Voltage	Switch	Application	F.L. Amps (@ 240 Vac)	Price
RA89A1074	120	SPST	1-Line Voltage Load, 2-Wire Control	5.1	153.22
RA832A1066	120	DPST	1-Line Voltage Load, 1-Low/Millivolt Load, 2-Wire Control	3.7	193.44
R845A1030	120	DPST	1-Line Voltage Load, 1 Low Voltage Load	—	190.71

ELECTRICAL DEVICES AND ACCESSORIES

CONTACTORS

1 POLE, VALUE

Part No.	Full Load Amps	Coil Voltage	Price
SP3024FV	30	24	10.12

1 POLE, PREMIUM

Part No.	Full Load Amps	Coil Voltage	Price
SP3024P	30	24	11.67
SP4024P	40	24	23.72

2 POLE, VALUE

Part No.	Full Load Amps	Coil Voltage	Price
2P3024FV	30	24	11.74
2P30120FV	30	120	11.74
2P30208FV	30	208	11.74
2P4024FV	40	24	16.32
2P40208FV	40	208	16.32

2 POLE, PREMIUM

Part No.	Full Load Amps	Coil Voltage	Price
2P3024P	30	24	13.52
2P30120P	30	120	13.52
2P30208P	30	208	13.52
2P30277P	30	277	21.88
2P4024P	40	24	19.36
2P40208P	40	208	21.29

3 POLE, VALUE

Part No.	Full Load Amps	Coil Voltage	Price
3P3024FV	30	24	23.46
3P30120FV	30	120	23.46
3P30208FV	30	208	23.46
3P4024FV	40	24	24.28
3P40120FV	40	120	24.20
3P40208FV	40	208	24.28

3 POLE, PREMIUM

Part No.	Full Load Amps	Coil Voltage	Price
3P3024P	30	24	25.28
3P30120P	30	120	25.28
3P30208P	30	208	25.28
3P4024P	40	24	28.67
3P40120P	40	120	28.67
3P40208P	40	208	28.67

Contactors Copeland



Effective on compressors sold after January 1, 2002, Copeland will no longer issue credit for 4, 6, or 8 model semi-hermetic service compressors that are determined to have a singlephase motor burn caused by a non- Copeland contactor.

- Silver cadmium oxide contacts for longer life
- Quiet, reliable operation with adjusting magnet armatures
- Compact design
- Snap-on accessories
- Quick connect terminals
- Non-position sensitive for convenient mounting

2 POLE

COPELAND

Part No.	Full Load Amps	Coil Voltage	Price
912202500	25	24	Call
912203000	30	24	Call
912203001	30	120	Call
912-2030-02	30	208/240	Call
912-2040-00	40	24	Call

3 POLE

COPELAND

Part No.	Full Load Amps	Coil Voltage	Price
912302500	25	24	Call
912302501	25	120	41.62
912302502	25	208/240	41.62
912-3030-00	30	24	Call
912303001	30	120	Call
912-3030-02	30	208/240	Call
912-3040-00	40	24	Call
912304001	40	120	45.31
912304002	40	208/240	45.31
912305000	50	24	109.56
912305001	50	120	109.56
912305002	50	208/240	109.56
912306001	60	120	127.56
912306002	60	208/240	127.56
912307501	75	120	211.73
912307502	75	208/240	211.73
912312001	120	120	525.76
912312002	120	208/240	525.76
912320001	200	120	Call
912320002	200	208/240	Call

ELECTRICAL DEVICES AND ACCESSORIES

CONTACTORS

AUXILIARY SWITCH



Part No.	Application	Switch	Price
912000112	15 to 75 Amp	1 NO/1 NC	42.20
912000113	15 to 75 Amp	2 NO	Call
912000116	90 Amp	1 NC	Call
912000120	120 to 360 Amp	1 NC	Call
912000121	120 to 360 Amp	1 NO/1 NC	79.16

AUXILIARY CONTACT SWITCH, VALUE



Part No.	Class	Amps	Type	Price
1950243	DP3	25-60	SPNO/SPNC	11.06
1900234	DP3	75-90	SPDT	10.04

MOTOR DRIVE

VLT® DRIVES ACCESSORIES

Part No.	Web Description	Vendor	Price
MLH01KPSCDJ1241	Pressure transducer, 1/4" FFL Schrader, 0 to 1000 psi	Honeywell Inc.	Call
MLH050PSCDJ1235	Pressure transducer, 1/4"-18 NPT, 0 to 50 psi	Honeywell Inc.	Call
MLH150PSCDJ1236	Pressure transducer, 1/4"-18 NPT, 0 to 150 psi	Honeywell Inc.	Call
MLH300PSCDJ1237	Pressure transducer, 1/4"-18 NPT, 0 to 300 psi	Honeywell Inc.	Call
MLH500PSCDJ1240	Pressure transducer, 1/4" FFL Schrader, 0 to 500 psi	Honeywell Inc.	Call
P499ACP105K	Pressure transducer, 1/4" SAE, 0 to 500 psi	Johnson Controls, Inc.	Call
P499ACP107	Pressure transducer, 1/4" SAE, 0 to 750 psi	Johnson Controls, Inc.	Call
P7640U1040	Pneumatic differential pressure transmitter, duct mount, 0-0.1, 0-0.25, 0-0.5, 0-1, 0-2.5, 0-5, 0-10 in wc, w/out display	Honeywell Inc.	Call
P7640U1052	Pneumatic differential pressure transmitter, duct mount, 0-0.1, 0-0.25, 0-0.5, 0-1, 0-2.5, 0-5, 0-10 in wc, w/ display	Honeywell Inc.	Call
PWLX04S	3-Wire differential pressure transducer, liquid, 0-100 psig	Veris Industries	Call
PWT100	Liquid differential pressure sensor, 0 to 100 psid	Honeywell Inc.	Call
PWT250	Liquid differential pressure sensor, 0 to 250 psid	Honeywell Inc.	Call
PWT50	Liquid differential pressure sensor, 0 to 50 psid	Honeywell Inc.	Call
PXPLX01S	Differential pressure transducer, air, 0-1" wc	Veris Industries	183.59
PXPLX02S	Differential pressure transducer, air, 0-10" wc	Veris Industries	Call
C7232A1008	CO2 sensor, w/display, 1 SPST-NO, wall mount	Honeywell Inc.	570.32
C7232A1016	CO2 sensor, no display, 1 SPST-NO, wall mount	Honeywell Inc.	554.24
C7232B1014	CO2 sensor, no display, 1 SPST-NO, duct mount	Honeywell Inc.	665.01
T775M2006	Temperature control, electronic, -60 to 270°F, 1 to 150°F differential, 2 temp inputs, 2 analog outputs, includes 1 remote sensor	Honeywell Inc.	Call
T775U2006	Temperature control, electronic, universal, remote sensor (not included), -60 to 270°F, 1 to 150°F differential, 1 analog temp input, 1 standard input, 2 SPDT relay output, 2 analog outputs, allows humidity, pressure applications	Honeywell Inc.	655.37
PWTBV	Bypass Valve Manifold for PWT Wet differential pressure sensors	Honeywell Inc.	Call

ELECTRICAL DEVICES AND ACCESSORIES

MOTOR ASSISTS/RELAYS

CURRENT RELAY



- One size for all compressors from 1/12–1/2 horsepower
- These two solid state relays will replace all current type relays
- Can be used with or without a start capacitor

Part No.	Voltage (Vac)	Price
ICG1	120	5.70

PUSH-ON RELAY



- One size for all compressors from 1/12–1/2 horsepower
- Replaces all push-on current type relays
- For use on compressors with "pin type" terminals
- Can be used on all capacitor and noncapacitor start motors

Part No.	Voltage (Vac)	Price
PO115	115	6.90
PO230	230	Call

RELAY OVERLOAD



- Relay & overload in one combination unit
- Prewired for fast, simple installation
- Superior locked rotor protection eliminates start winding overheating

Part No.	Horsepower	Voltage (Vac)	Price
R041	1/4, 1/3	115	8.70
R081	1/12–1/5	115	7.70
RO42	1/4, 1/3	230	Call
RO82	1/12–1/5	230	Call

RELAY OVERLOAD/PUSH-ON, "ULTIMATE" SERIES



- "Push-on" relay overload
- Quick connect push-on terminals for run and/or start capacitor

Part No.	Horsepower	Voltage (Vac)	Price
UPRO81	1/12 to 1/5	115	Call
UPRO41	1/4 to 1/3	115	Call
UPRO21	1/3 to 1/2	115	Call

RELAY OVERLOAD/PUSH-ON



Same as RO Series but pushes onto compressor pin terminals.

Part No.	Horsepower	Voltage (Vac)	Price
PR041	1/4, 1/3	115	Call

RELAY, CAP, OVERLOAD



Designed to be the most reliable and efficient starting capacitor in its class
- Protection timing circuit
- Instantaneous starting
- Voltage monitoring

Part No.	Horsepower	Voltage (Vac)	Price
HS206	1/4, 1/3	115	11.48
HS207	1/12-1/5	115	11.48
HS210	1/2	115	17.76

RELAY, CAP, OVERLOAD



This all-in-one unit replaces all 3 lectrical components—relay, overload and start capacitor, on all capillary ystems.
- For units without run capacitor

Part No.	Horsepower	Voltage (Vac)	Price
RCO410	1/4, 1/3	115	13.50
RCO810	1/12–1/5	115	11.00
RCO220	1/2	230	Call

4 N' 1 "ULTIMATE" SERIES RELAY, CAPACITOR, OVERLOAD AND RUN CAPACITOR



- "Push-on" compressor terminals, and 1/4" capacitor terminals
- Designed for modern high efficiency compressors
- Helps older compressors to start and run cooler
- Easy mount clip for quick installation
- Prevents low voltage starting problems
- Adds a closely matched system run capacitor

Part No.	Horsepower	Run Cap (µf)	Voltage (Vac)	Price
URCO810RC	1/12 to 1/5	12.5	115	Call
URCO410RC	1/4 to 1/3	15	115	Call
URCO210RC	1/3 to 1/2	20	115	Call

ELECTRICAL DEVICES AND ACCESSORIES

MOTOR ASSISTS/RELAYS

START RELAY



Voltage: 115/230 Vac.

Part No.	Increased Torque (Oz. -In.)	Price
SPP	210	9.98

RELAY, CAPACITOR



- For low voltage and hard starting compressors
- Room air conditioning units
- Residential and commercial PSC air conditioning units and heat pumps
- For all PSC air conditioning units from 4,000 through 120,000 BTU's (1/2–10 horsepower)
- Can be used on 120–288 Vac units

Part No.	Increased Torque (Oz. -In.)	Price
SPP5	270	10.00
SPP6	390	15.00

RELAY, CAPACITOR



Hard Start Kit

Part No.	Usage	Price
HS195	120-288V, 1/2 to 5 HP	8.38
HS196	120-288V, 1/2 to 10 HP	12.76

ELECTRONIC RELAY, CAP



The SUPCO E-Class Series comprise the most advanced developments in start device technology:

- Electronic potential relay technology
- Backup electronic timing circuit to protect the compressor
- Voltage sensing
- Instant re-start
- Easy 2-wire connection

Part No.	Usage	Price
SPP4E	90-130V, 1/8 to 1 HP	Call
SPP5E	90-277V, 1/3 to 2 HP	Call
SPP6E	90-277V, 1/2 to 3 HP	Call
SPP7E	90-277V, 1 to 4 HP	Call
SPP8E	90-277V, 1 HP and up	35.90
SPP10E	90-277V, 3 HP and up	Call

RELAY, CAPACITOR



- For low voltage and hard starting compressors
- Increases torque 1000%
- Device includes high current (40A) potential relay and 330Vac start capacitor
- Senses motor start
- Instant restart
- Can be used on 208-265 Vac, single phase compressors

Part No.	Horsepower	Price
MPR5	1 to 3	39.00
MPR1	3.5 to 5	43.00

3 WIRE RELAY, CAPACITOR



- OEM-Style 3-wire Installation
- Instant re-start
- Easy installation with fast clamp-on Connection

Part No.	Compressor	Horsepower	Price
SK3W3	Standard	4 to 5 HP	Call

POTENTIAL RELAY, ADJUSTABLE



APR5 allows the exact wire by wire replacement of virtually all potential relays on the market. The patented state-of-the-art electronic circuitry also provides additional motor protection. The contacts of the APR5 will open after 1 – 1-1/2 seconds if the motor does not start for any reason. This important safety feature prevents the start winding from overloading during a locked rotor condition by removing it from the circuit. You can preset the pick-up voltage of the APR5 to the voltage of the defective relay.

Part No.	Pick-up Voltage (Vac)	Price
APR5	130–370	27.98

UNIVERSAL POTENTIAL RELAY



SUPR is a time function potential relay designed to be a wire-to-wire replacement for virtually any potential relay on the market. It can be used on any single phase motor or air conditioning and refrigeration compressor up to 5 hp.

- Operating voltage: 110–270 vac, single phase
- Start time: 0.5 ±0.1 seconds
- Terminals: screw on; push-on adapters provided

Part No.	Description	Price
SUPR	Universal Potential Relay	25.00

ELECTRICAL DEVICES AND ACCESSORIES

MOTOR ASSISTS/RELAYS

POTENTIAL RELAY SCREW-ON TERMINAL



- Conversion kit included for quick connect fitting

Part No.	MARS No.	Continuous Coil Voltage	Pick-Up Min.	Pick-Up Max.	Drop-Out Max.	Price
19002	63	170	139	153	55	47.25
19003	64	395	260	275	120	51.53
19004	65	332	168	182	90	49.64
19005	66	395	215	225	120	51.53
19006	67	420	295	315	125	53.51
19007	68	502	325	345	135	56.49
19008	69	336	180	195	105	49.64
19009	70	253	285	305	77	Call
19010	71	420	212	232	121	53.51

POTENTIAL RELAY QUICK CONNECT



- Economy model

Part No.	MARS No.	Continuous Coil Voltage	Pick-Up Min.	Pick-Up Max.	Drop-Out Max.	Price
19163	63	170	139	153	55	22.89
19164	64	395	260	275	120	22.89
19165	65	332	168	182	90	26.98
19166	66	395	215	225	120	2.10
19167	67	420	295	315	125	22.89
19168	68	502	325	345	135	22.89
19169	69	336	180	195	105	22.89
19170	70	253	285	305	77	Call
19171	71	420	212	232	121	22.89

UNIVERSAL CURRENT



- Replaces plug-on, bracket-type, splitphase and capacitor-start current relays

Part No.	Amps Max. Pick-Up	Amps Min. Drop-Out	Most Commonly Used Hp @ 115V	Price
27001	3.8	3.2	1/12	Call
27002	5.2	4.4	1/8	17.35

OVERLOAD

UNIVERSAL, LIGHT DUTY



Used in refrigeration, room air conditioners, heating, appliances and electric motors.
Typical applications are noted below.

- 3/4" diameter

Part No.	Application Survey, HP 115V	Application Survey, HP 230V	Price
35009	1/8, 1/6, 1/5	1/3, 1/2	Call
35010	1/8, 1/6, 1/5, 1/4	1/3, 1/2	Call
35011	1/6, 1/5, 1/4	1/3, 1/2	Call
35012	1/6, 1/5, 1/4	1/3, 1/2	Call
35014	1/5, 1/4	1/2	Call
35015	1/5, 1/4, 1/3	1/2	Call
35016	1/5, 1/4, 1/3	1/2	Call
35018	1/4, 1/3, 1/2	1	12.42
35019	1/3, 1/2	—	Call

OVERLOAD



Part No.	Locked Rotor Amps	Normal Usage Type Condenser	HP	Price
OV32	12.0–13.5	Fan, Static	1/12	7.90
OV34	14.0–15.5	Fan	1/8	Call
OV36	16.0–18.0	Fan, Static	1/6, 1/8	Call
OV38	18.5–22.0	Fan, Static	1/5, 1/8	Call
OV40	22.5–26.5	Static	1/5	7.90
OV42	27.0–31.0	Fan	1/4	Call
OV44	31.5–35.5	Static	1/4	Call
OV46	36.0–40.0	Fan	1/3	Call
OV48	40.5–44.5	Static	1/3	Call
OV50	45.0–49.0	Fan	1/2	Call

ELECTRICAL DEVICES AND ACCESSORIES

CAPACITOR

RUN, 370/440 VOLT

Part No.	Value (µf)	Price
CR3440	3	11.20
CR4440	4	11.03
CR5440	5	11.20
CR7X5440	7.5	12.66
CR10440	10	13.66
CR12X5440	12.5	14.10
CR15440	15	17.10
CR20440	20	18.66
CR25440	25	19.99
CR30440	30	24.69
CR35440	35	26.90
CR40440	40	27.54
CR45440	45	30.06
CR50440	50	36.71
CR55440	55	35.96
CR2440	2	10.26
CR6440	6	12.19
CR80440	8	58.78

RUN, 370/440 VOLT, ROUND

Part No.	Value (µf)	Price
4405R	5	12.72
44010R	10	13.22
44020R	20	19.22
44025R	25	22.50
44030R	30	22.75
44035R	35	23.12
44040R	40	24.00
44045R	45	25.76
44050R	50	39.56
44055R	55	40.82
44060R	60	48.42
44080R	80	46.37

DUAL, 370/440 VOLT

	Value (µf)		
Part No.	1	2	Price
CD25D5440	25	5	30.63
CD30D5440	30	5	37.97
CD35D5440	35	5	37.97
CD40D5440	40	5	41.58
CD45D5440	45	5	41.56
CD45D75440	45	7.5	43.67
CD35D3440	35	3	34.50
CD35D7X5440	35	7.5	38.11
CD40D7X5440	40	7.5	43.67
CD80D5440	80	5	69.44

DUAL, 370/440 VOLT, ROUND

	Value (µf)		
Part No.	1	2	Price
CD30D5440R	30	5	35.44
CD35D5440R	35	5	29.43
CD40D5440R	40	5	31.32
CD45D5440R	45	5	35.44
CD50D5440R	50	5	37.03
CD15D5440R	15	5	20.88
CD25D5440R	25	5	26.90
CD30D7X5440R	30	7.5	27.85
CD35D7X5440R	35	7.5	31.97
CD55D5440R	55	5	39.56
CD60D5440R	60	5	41.46
CD60D7X5440R	60	7.5	41.78
CD80D5440R	80	5	76.31

START, 125 VOLT

Part No.	Range	Price
CS124125	124-156	6.84
CS145125	145-175	6.84
CS161125	161-193	6.96
CS189125	189-227	7.13
CS233125	233-292	8.02
CS270125	270-324	8.26
CS378125	378-440	10.41
CS400125	400-480	10.65
CS540125	540-648	13.50

START,165 VOLT

Part No.	Range	Price
CS145165	145-175	9.28
CS161165	161-193	10.65
CS270165	270-324	12.44
CS124165	124-149	9.15

START, 250 VOLT

Part No.	Range	Price
CS88250	88-108	11.48
CS124250	124-156	14.69
CS145250	145-175	15.47
CS161250	161-193	17.55
CS189250	189-227	18.73
CS270250	270-324	22.90

START, 330 VOLT

Part No.	Range	Price
CS88330	88-108	15.77
CS108330	108-130	19.04
CS145330	145-175	22.67
CS161330	161-193	25.89
CS189330	189-227	28.86
CS124330	124-156	21.72

RUN, 370 VOLT,ROUND

Part No.	Value (µf)	Price
01-0021	5	3.79
01-0023	7.5	5.37
01-0024	10	5.85
01-0026	15	7.88
01-0027	20	8.29

ELECTRICAL DEVICES AND ACCESSORIES

CAPACITOR

DUAL,370 VOLT, ROUND

Part No.	Value (µf) 1	2	Price
01-0081	25	5	8.51
01-0262	30	3	13.00
01-0082	30	5	9.69
01-0083	35	5	11.00
01-0084	40	5	13.33
01-0269	40	7.5	16.03
01-0085	45	5	13.63
01-0271	45	7.5	19.21
01-0086	50	5	15.24
01-0273	50	7.5	16.75
01-0087	55	5	16.56
01-0274	55	7.5	20.45
01-0088	60	5	17.32
01-0276	60	7.5	19.98
01-0090	70	5	22.66
01-0278	70	7.5	27.79
01-0092	80	5	20.69
01-0279	80	7.5	25.79

DUAL,440 VOLT, ROUND

Part No.	Value (µf) 1	2	Price
01-0096	35	5	10.60
01-0097	40	5	13.23
01-0292	40	7.5	13.42
01-0098	45	5	13.78
01-0099	50	5	15.34
01-0295	50	7.5	20.10
01-0101	60	5	17.61

THERMOSTAT

TUBE MOUNT



L, F, D Primary: 10A @ 240V
D Secondary: 3A @ 240V
Type Code:
D = SPDT, L = Open High,
F = Open Low

- Includes listed size clip

Part No.	Temperature (°F) Open	Closed	Tube Size (In.)**	Temp Code	Price
33440	70	20	5/8	D70-5	Call
33455	65	20	5/8	D65-4.5	292.00
33405	35	55	3/8	F55-2	Call
33420	20	5	3/4	L20-1.5	42.92
33430	20	30	3/4	F30-1	Call
33435	20	60	5/8	F60-4	Call
33460	35	5	5/8	L35-3	Call
33470	50	30	5/8	L50-2	Call
33475	40	20	5/8	L40-2	65.22
33480	80	50	5/8	L80-3	4.51
M33490	80	30	3/8	L80-5	26.15
33492*	80	30	1/2	L80-5	Call

TUBE MOUNT OR SURFACE



- Maximum load: 2.9A @ 240 Vac

Part No.	Temperature Code	Temperature (°F) Open	Closed	Price
33008	L45-3	45	15	Call
33010	L55-3	55	25	Call
33011	L60-3	60	30	Call
33020	L80-3	80	50	Call

FREEZE PROTECTION CONTROL



Freeze Protection Control

- Protects air conditioning evaporator coil from freezing.
- Opens 35°F/Close 50°F
- Replaces: Trol A Temp FPC

Part No.	Description	Price
SFPC	Freeze Protection Control	14.28

HEATCRAFT REPLACEMENT

Replaces common flush mount defrost controls on Heatcraft evaporators

Part No.	Description	Price
SL5708	Defrost Termination, SPST, L75-35	27.22
SL5709	Defrost Termination, SPDT, D55-20	34.58

CHANGEOVER SWITCH

39004



For summer-winter changeover in hydronic heat/cool fan coil units.

- SPDT switch
- Term 1 and 3, 25A @ 240V
  Term 1 and 2, 5A @ 240V

Part No.	Temperature (°F) Open	Closed	Price
39004	88	73	36.14

7521



Provides automatic changeover of thermostat to permit proper operation of zone valve on combination hot and chilled water systems.

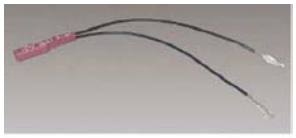
- SPDT
- 3.75 F.L. Amp @240 Vac

Part No.	Temperature Setting (°F)	Differential (°F)	Temp Code	Price
7521	85	15	D85-1.5	86.23

ELECTRICAL DEVICES AND ACCESSORIES

THERMOSTAT

CONSTRUCTION



Low cost single set-point thermostats intended for use as a temporary device to provide heating to allow drywall to dry during construction.

- 2- wire, 24 volt, 2 amp maximum
- Accuracy: ±5°F

ICM

Part No.	Temperature Setting	Application	Price
SC060	60°F	Heat	Call
SC065	65°F	Heat	14.97
SC070	70°F	Heat	Call
SC075	75°F	Cool	17.97

DISC FAN AND LIMIT

FAN



Snap disc fan controls for regulation of fan or blower.

- Last three numbers indicate cut-in temperatures on fan controls
- SPST, close rise
- 5 F.L. Amp @ 240 Vac

White Rodgers EMERSON Climate Technologies

Part No.	Cut In (°F)	Cut Out (°F)	Differential (°F)	Temp Code	Price
3F01110	110	90	20	F110-2	12.18
3F01120	120	110	10	F120-1	12.18
3F01130	130	115	15	F130-1.5	Call
3F01140	140	120	20	F140-2	12.18
3F01-150	150	130	20	F150-2	Call
3F01160	160	140	20	F160-2	12.18
3F01180	180	160	20	F180-2	Call
3F01200	200	180	20	F200-2	12.18
3F01350	350	320	30	F350-3	Call

FAN, ADJUSTABLE



- Adjustable snap disc controls
- Switch: SPST, close rise
- Contact rating: 10 F.L. Amp @ 240 Vac

IRP International Refrigeration Products Beacon

Part No.	Range (°F)	Differential (°F)	Includes	Price
AT021	90 to 130	20	1/4" Q.C terminals	29.83
AT022	140 to 180	20	1/4" Q.C terminals	29.83
AT023	90 to 130	20	1/4" Q.C terminals	Call

mars

Part No.	Range (°F)	Differential (°F)	Price
39205	90 to 130	20	29.83
39210	140 to 180	20	29.83

LIMIT, ADJUSTABLE

- Adjustable snap disc controls
- Switch: SPST, open rise
- Contact rating: 10 F.L. Amp @ 240 Vac

IRP International Refrigeration Products Beacon

Part No.	Range (°F)	Differential (°F)	Includes	Price
AT012	135 to 175	40	1/4" Q.C terminals	29.83
AT013	175 to 215	40	1/4" Q.C terminals	29.83
AT014	210 to 250	40	1/4" Q.C terminals	29.83

mars

Part No.	Range (°F)	Differential (°F)	Price
39220	135 to 175	40	29.83
39225	175 to 215	40	29.83
39230	210 to 250	40	Call

HIGH LIMIT

mars

Part No.	Cut Out (°F)	Cut In (°F)	Differential (°F)	Temp Code	Price
39310	110	90	20	L110-2	Call

HIGH LIMIT



- Switch: SPST, open rise
- Contact rating: 10 F.L. Amp, 25 Resistive Amp @ 240 Vac
- Adapter flange plate included

Sypco

Part No.	Cut Out (°F)	Cut In (°F)	Differential (°F)	Price
SHL120	120	110	10	Call
SHL140	140	100	40	Call
SHL150	150	110	40	Call
SHL160	160	120	40	Call
SHL170	170	130	40	Call

LIMIT, AUTOMATIC RESET



- Switch: SPST, open rise
- Contact rating: 1.5 F.L. Amp, 10 Resistive Amp @ 240 Vac
- Terminals: vertical 1/4"

Sypco

Part No.	Cut Out (°F)	Replaces	Price
SRL135	135	Rheem 47-22453-02	Call
SRL220	220	Nordyne 626354	Call
SRL230	230	Nordyne 626353	Call
SRL240	240	Nordyne 626355	Call
SRL260	260	Nordyne 626350	Call
SRL300	300	Nordyne 626343, Rheem 47-22861-02	Call
SRL350	350	Goodman B13701-54	8.20

LIMIT, SPDT

- 20°F differential

White Rodgers EMERSON Climate Technologies

Part No.	Cut Out (°F)	Price
3L03140	140	18.85
3L03190	190	18.85

ELECTRICAL DEVICES AND ACCESSORIES

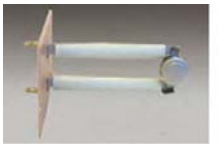
DISC FAN AND LIMIT

LIMIT, AUTOMATIC RESET

- Switch: SPST, open rise
- Contact rating: 1.5 F.L. Amp, 10 Resistive Amp @ 240 Vac
- Terminals: 45° angle 1/4"

Part No.	Cut Out (°F)	Cut In (°F)	Differential (°F)	Price
SLS140	140	100	40	Call
SLS150	150	110	40	Call
SLS160	160	120	40	Call
SLS170	170	130	40	Call
SLS180	180	140	40	Call
SLS200	190	150	40	Call

OEM REPLACEMENT



Direct replacement gas furnace limits

Part No.	Cut Out (°F)	Open (°F)	Replaces	Price
SHL501	130	170	BDP HH12ZA174A, HH12ZA176A, P331-2203	Call
SHL502	150	180	BDP HH12ZA178A, Carrier B1370001	Call
SHL503	150	190	BDP HH12ZA189, HH12ZB190, HH12ZA193A, P331-2205	Call
SHL504	160	240	BDP HH12ZA240, HH12ZA252A, P331-2217	Call
SHL507	110	140	BDP HH12ZA140, Goodman 87F16, York 025-29041-0055	Call
SHL508	170	190	BDP HH12ZB190, HH12ZA193, HH12ZA189, P331-2005, Carrier B1370913, Lennox 47-21711-03, Trane SWT1260, York 025-29041-006	Call
SHL509	210	240	BDP HH12ZB240, HH12ZA240, HH12ZA252, P331-2217, Carrier B1370903	Call
SHL512	150	170	BDP HH12ZB170, Lennox 47-25350-06	Call
SHL513	130	170	BDP HH12ZB170, Goodman 26H66, Rheem SWT1258	Call
SHL515	160	200	Carrier HH12ZB200, HH12ZA199, HH12ZA201, Goodman 49L03, Lennox 47-25349-05, Trane SWT1260, York 025-29041-006	Call
SHL516	170	210	Carrier HH12ZB210	Call

ELECTRIC HEAT STAGING

SEQUENCER, DISC



Part No.	Number Timings	Number Switches	Replaces Klixon Number	Price
Q101	1	1	60000A0M-98	23.25
Q102	1	1	60000A0M-97	23.25
Q103	1	2	60000EOM-84	27.18
Q104	1	2	60000EOM-86	27.18
Q105	2	3	51172-32	41.76
Q106	2	4	51172-33	52.39
Q114	4	5	—	Call

SEQUENCER



- Direct replacement for most fan/heat sequencing functions
- Solid-state reliability
- Ambient rated from -40 to +165°F
- Multi-poise mounting
- Single load rating @ 240 Vac, 30 resistive
- Delay times are random between range

Part No.	Switch Type	Klixon Number	Price
33243	SPST/NO	6000AOM	75.08
33246	DPST/NO	6000EOM	19.59
33247	SPDT	6000COM-21	21.79

SEQUENCER



One control switches a fan and up to three elements on and off in sequence.

- Isolated fan switch has positive interlock to assure fan is on when the element is on and fan is off when the last element is off
- Control voltage: 24 Vac
- Contact rating: 25A resistive @ 240 Vac

Part No.	Stages	Switches	Price
R8330D1039	3	4	314.67

SEQUENCER, 2 SWITCH



- Single load rating @ 240 Vac, 30A resistive, all contacts including auxiliary
- Supply voltage: 24 Vac

Part No.	Switch Type	Number Timings	Klixon Number	Price
33222	2–SPST/NO	2	51172-22	Call

ELECTRICAL DEVICES AND ACCESSORIES

ELECTRIC HEAT

ELEMENT, REPAIR KIT



Part No.	Watts	Voltage	Price
24250	2500	240	9.52
24300	3000	240	8.10
24501	5000	240	10.66
27150	1500	277	13.44
27250	2500	277	12.12
27500	5000	277	12.94
48250	2500	480	8.32
48300	3000	480	12.14
48500	5000	480	12.50

FUSIBLE LINK



Part No.	Temperature Limit (°F)	Description	Price
NTC257	257	FUSE LINK ONLY	1.60
NTC283	283	FUSE LINK ONLY	1.60
NTC300	300	FUSE LINK ONLY	1.66
NTC333	333	FUSE LINK ONLY	1.60

FUSIBLE LINK



Part No.	Temperature Limit (°F)	Description	Price
NTCK218	218	ROUND CERAMIC BASE	2.96
NTCK257	257	ROUND CERAMIC BASE	2.96
NTCK300	300	ROUND CERAMIC BASE	3.86
NTCK333	333	ROUND CERAMIC BASE	2.96

FUSIBLE LINK



Part No.	Temperature Limit (°F)	Description	Price
NTCD18	218	OBLONG CERAMIC BASE	Call
NTCD257	257	OBLONG CERAMIC BASE	3.86
NTCD300	300	OBLONG CERAMIC BASE	3.60
NTCD333	333	OBLONG CERAMIC BASE	3.60

CRANKCASE HEATER

SELF-REGULATING HEATER



Solid state crankcase heaters are PTCR self-regulating devices which perform in a similar manner to a heater and thermostat combination, in that they emit heat in proportion to the compressor requirements. Only enough electricity is consumed to maintain the correct temperature.

Part No.	Watts	Voltage	Description	Price
32342	36	120/240	Heater w/Self Stick Foil	9.03

INSERTION, 1/2" NPT



- Copeland replacement

Part No.	Length (In.)	Watts	Voltage	Application Model	Price
32408	4.25	100	480	4R, 6R, 6T, 4D, 6D	102.26
32409	4.25	100	240	4R, 6R, 6T, 4D, 6D	Call
32410	4.25	100	120	4R, 6R, 6T, 4D, 6D	Call

INSERTION, 1/2" DIAMETER, ELBOW



- Copeland replacement

Part No.	Length (In.)	Watts	Voltage	Application Model	Price
32432	3.5	200	240	6RJ, 4RJ, 4RR	Call

BAR, BOLT ON



- Copeland replacement

Part No.	Length (In.)	Watts	Voltage	Application Model	Price
32439	5	50	120	K, H	Call

ELECTRICAL DEVICES AND ACCESSORIES

CRANKCASE HEATER

BAR



Part No.	Length (In.)	Watts	Voltage	Application Model	Price
32416	10	65	240	E, 9R, 3A, 3R, LA, MR, NR	Call

INSERTION, 1/2" DIAMETER, ELBOW



- Carlyle replacement

Part No.	Length (In.)	Watts	Voltage	Application Model	Price
32462	2.75	75	230	6D, 06D	Call

DEFROST HEATER

BRAIDED HEATER



Flexible braided aluminum heaters are designed for use in heating drain troughs, drain tubes and drain pans.

Part No.	Length (In.)	Lead Length (In.)	Voltage (Vac)	Watts	Price
SH201	18	23	115	15	Call
SH202	29	23	115	45	Call
SH203	44	23	115	55	Call

DOOR AND MULLION



For commercial refrigeration applications to prevent moisture and eliminate frost build-up on door and cabinet fronts

Part No.	Watts/Ft.	Voltage	Htg. Length (Ft.)	Lead Length (Ft.)	Price
SH281	3	120	36-1/2	6	25.00
SH282	3	120	18	6	20.00

UNIVERSAL DRAIN HEATER



Used with existing heater or where no heater exists Designed for "series wiring connection" only.

Part No.	Lead Length (In.)	Voltage (Vac)	Watts	Diameter (In.)	Price
SH250	56	115	3	0.91	20.00

DRAIN, SH500 SERIES



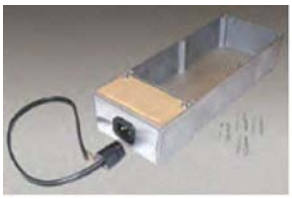
Durable Metal Braid

- Heater tip 7/16" diameter
- Silicone construction
- Designed for waterproof low wattage heat

Part No.	Length (In.)	Lead Length (In.)	Voltage (Vac)	Watts	Price
SH500	9	18	115	11	Call
SH502	13	18	115	15	Call
SH503	13	18	230	15	21.00
SH504	21	18	115	25	Call
SH505	21	18	230	25	19.90

CONDENSATE PAN

EVAPORATOR PAN, SELF REGULATING



- State-of-the-art, solid state, PTC control
- Self-regulating, conserves power, eliminates thermostat
- Removable cord set for ease of cleaning and installation
- Dimensions: 12-1/4"L x 4-3/4"W x 3"H

Part No.	Voltage (Vac)	Watts	Capacity (Oz.)	Evaporation Rate (Oz./Hr.)	Price
70	115	300	50	6	122.50

EVAPORATOR PAN



Standard cast aluminum condensate drains complete with long life heating element and mounting legs.

Part No.	Voltage (Vac)	Watts	Capacity (Oz.)	Evaporation Rate (Oz./Hr.)	Size (In.)			Price
					L	W	H	
30OS	120	160	38	8	10	4	2-7/8	55.50
31	120	160	50	6	10	4-1/2	3-3/8	20.85
75	120	320	75	14	10	9	2-3/4	151.90

ELECTRICAL DEVICES AND ACCESSORIES

CONDENSATE PAN

EVAPORATOR PAN, SELF - REGULATING



For condensate applications where no drain is available

- Corrosion resistant stainless steel construction
- High limit safety and float switch operation
- UL, NSF approved

Supco

Part No.	Voltage (Vac)	Watts	Capacity (Oz.)	Evaporation Rate (Oz./Hr.)	Dimensions (In.) L	W	H	Price
CP802	120	800	80	32	13	7	2-1/2	Call
CP804	120	1000	144	53.3	13	7	4	Call
CP804-240	240	1000	144	32	13	7	4	Call
CP816	120	500	224	24	13	10	4	Call
CP817	208	1000	224	42.7	13	10	4	Call
CP818	208	1000	224	42.7	13	10	4	Call
CP819	120	1500	224	64	13	10	4	Call
CP820	208	1500	224	64	13	10	4	Call
CP804HD	120	1000	240	32	13	10	4	Call
CP807	120	1000	240	53.3	13	10	4	Call
CP807-240	240	1000	240	53.3	13	10	4	Call
CP815	120	1440	480	64	21	13	4	Call
CP821	208	1500	224	64	21	13	13	Call

REPAIR PARTS



Repair parts for CP800 series condensate evaporators

Supco

Part No.	Usage	Description	Price
CPH802	CP802	800W Heater	Call
CPH8047	CP804	1000W Heater	Call
CPH804HD	CP804HD	1000W Heater	Call
CPH815	CP815	1500W Heater	Call
CPH807-240	CP807-240	1000W Heater	Call
CPH815-240	CP815-240	1500W Heater	Call
CPFLOAT	CP801, CP802	3" Float	Call
CPFLOAT4	CP804, CP807, CP815	4.5" Float	Call
CPS800	All	Microswitch	Call
CPT800	All	Thermostat	Call

CONTROL FLAG

TATTLE-TALE® CONTROL FLAG



Identifies open controls in seconds. A single use monitoring device for determining which, if any, safety control has opened in response to a malfunction.
When a control opens, the Tattle-tale's red indicator flag pops up.

- Tolerance on all voltages: ±20% Not to be used with lockout relays.

DIVERSITECH

Part No.	Voltage	Price
TT24	24	45.04
TT120	120	45.04
TT240	240	45.04

FLEXIBLE CONDUIT

TUBING



- Nonmetallic seal tight
- Flexible conduit

Part No.	Roll Length (Ft.)	Description	Price
12LC	100	Flexible Conduit, 1/2"	0.62
34LC	100	Flexible Conduit, 3/4"	0.79

FITTING



- Nonmetallic liquid tight conduit fitting
- Sealtight connection x box fitting

NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
LT7500S	1/2" Straight Connection	Call
LT7501S	3/4" Straight Connection	Call
LT7504S	1/2" 90° Connection	Call

OUTSIDE DISCONNECT

CARTRIDGE FUSE, UL LISTED



Part No.	NEMA Case	Description	Price
83336	3R	30 Amps, 240V, 3-Pole Exterior Switch	132.21
83337	3R	60 Amps, 240V, 3-Pole Exterior Switch	68.77

ELECTRICAL DEVICES AND ACCESSORIES

OUTSIDE DISCONNECT

NONMETALLIC



These horse power rated units are constructed of Noryl® thermoplastic for extended and rugged durability. Units are corrosion resistant, weatherproof, and maintenance free. UL Listed and CSA Certified.

Part No.	Description	Price
83306	30 Amps, Fused, 1ø	9.45
83307	60 Amps, Fused, 1ø	17.22

DISCONNECT FUSE BOX



- 60 amp switch rated for 10 HP motors at 240 VAC.
- On-Off circuit breaker type switch. No pull-out head that can be lost or stolen.
- Four, one-inch combination knockouts – two in back and two in bottom end wall.
- Removing the cover housing provides open access to lugs for easy wiring.
- Metallic - rain proof and ice proof (indoor/outdoor)

Part No.	Description	Price
80315	60 amp Non-Fused Disconnect	22.22
80316	30 amp Fused Disconnect	17.22
80317	60 amp Fused Disconnect	9.76

FUSE, POWER

DUAL ELEMENT, TIME DELAY, 250 VAC



- Class RK5
- 250 Vac maximum, 125 Vdc
- Interrupting rating - 200,000A RMS symmetrical
- 10 seconds delay (minimum) at 500% rated current
- Blade connections 70 amps and larger

COOPER Bussmann

Part No.	Amps	Price
FRNR3-2/10	3-2/10	Call
FRNR5	5	Call
FRNR6	6	Call
FRNR8	8	Call
FRNR10	10	5.66
FRNR15	15	4.82
FRNR20	20	4.82
FRNR25	25	4.82
FRNR30	30	4.31
FRNR35	35	8.62
FRNR40	40	8.62
FRNR45	45	8.62
FRNR50	50	8.62
FRNR60	60	8.47
FRNR70	70	Call
FRNR80	80	19.00
FRNR90	90	19.00
FRNR100	100	19.00
FRNR110	110	Call
FRNR125	125	37.42
FRNR150	150	Call
FRNR200	200	Call

DUAL ELEMENT, TIME DELAY, 600 VAC



- Class RK5
- 600 Vac maximum, 300 Vdc
- Interrupting rating - 200,000A RMS symmetrical
- 10 seconds delay (minimum) at 500% rated current
- Blade connections 70 amps and larger

COOPER Bussmann

Part No.	Amps	Price
FRSR2	2	Call
FRSR5	5	11.49
FRSR10	10	12.09
FRSR15	15	9.61
FRSR20	20	9.61
FRSR25	25	9.61
FRSR30	30	9.61
FRSR35	35	17.52
FRSR40	40	17.52
FRSR45	45	17.52
FRSR50	50	17.52
FRSR60	60	17.52
FRSR70	70	36.30
FRSR80	80	36.30
FRSR90	90	36.30
FRSR100	100	36.30
FRSR110	110	Call
FRSR125	125	Call
FRSR175	175	65.08
FRSR200	200	Call

MELAMINE, TIME DELAY



- Class G
- 480 Vac maximum, 300 Vdc (25 to 60A)
- Interrupting rating - 100,000A RMS symmetrical
- Diameter - .41"

COOPER Bussmann

Part No.	Amps	Length (In.)	Price
SC-1	1	1.319	23.76
M82290	2	1.319	6.39
SC-3	3	1.319	Call
SC-4	4	1.319	Call
M88273	5	1.319	Call
M82274	6	1.319	6.39
SC10	10	1.319	5.81
SC15	15	1.319	4.82
SC20	20	1.419	4.82
SC25	25	1.639	Call
SC30	30	1.639	8.92
SC40	40	2.259	Call
SC45	45	2.259	11.30
SC50	50	2.259	11.30

ELECTRICAL DEVICES AND ACCESSORIES

FUSE, POWER

MELAMINE, FAST ACTING



- Supplementary fuse
- Dimension - 13/32" diameter x 1-1/2" length
- 600 Vac maximum
- Interrupting rating - 100,000A RMS Symmetrical

COOPER Bussmann

Part No.	Amps	Price
KTK1	1	11.51
KTK2	2	11.85
KTK3	3	11.19
KTK4	4	Call
KTK5	5	11.19
KTK6	6	Call
KTK8	8	11.85
KTK10	10	11.19
KTK15	15	11.19
KTK20	20	11.19
KTK30	30	11.19

MELAMINE, FAST ACTING, CLASS CC



- Class CC - Rejection type
- Dimension - 13/32" diameter x 1-1/2" length
- 600 Vac maximum
- Interrupting rating - 200,000A
- Branch circuit

COOPER Bussmann

Part No.	Amps	Price
KTKR10	10	Call
KTKR15	15	Call

MELAMINE, TIME DELAY, 600 VAC



- Rejection-type fuse
- Dimension - 13/32" diameter x 1-1/2" length
- 600 Vac maximum
- Interrupting rating - 200,000A RMS Symmetrical

COOPER Bussmann

Part No.	Amps	Price
FNQR5	5	16.81
FNQR7	7	Call
FNQR15	15	16.70
FNQR20	20	17.29

FIBRE TUBE, TIME DELAY, 250 VAC



- Supplementary fuse
- Dimension - 13/32" diameter x 1- 1/2" length
- 250 Vac (1–10 amps) maximum
- 32 Vac (20–30 amps) maximum
- Interrupting rating—10,000A @ 125Vac

COOPER Bussmann

Part No.	Amps	Price
FNM2	2	5.78
FNM7	7	Call
FNM10	10	5.78
FNM20	20	5.78
FNM25	25	Call
FNM30	30	Call
FNM1	1	5.78
FNM3	3	5.78
FNM5	5	5.61
FNM15	15	5.78

FIBRE TUBE, TIME DELAY, 500 VAC

- Supplementary fuse
- Dimension - 13/32" diameter x 1-1/2" length
- 500 Vac maximum
- Interrupting rating - 10,000A

COOPER Bussmann

Part No.	Amps	Price
FNQ5	5	Call
FNQ10	10	Call
FNQ15	15	13.99
FNQ20	20	Call

PLUG, TIME DELAY



- 25 Vac maximum
- Dual element
- Edison base

COOPER Bussmann

Part No.	Amps	Price
T8	8	Call
T10	10	Call
T15	15	1.80
T20	20	1.80
T25	25	2.58
T30	30	1.80

ELECTRICAL DEVICES AND ACCESSORIES

FUSE, POWER

PLUG, TIME DELAY, REJECTING BASE



- 125 Vac maximum
- Dual element
- Rejection base

COOPER Bussmann

Part No.	Amps	Price
S3-2/10	3-2/10	10.60
S5	5	Call
S6-1/4	6-1/4	Call
S8	8	10.52
S9	9	Call
S10	10	9.92
S15	15	1.80
S20	20	1.80
S25	25	2.08
S30	30	1.69

GLASS TUBE, FAST ACTING



- Dimension - 1/4" diameter x 1 - 1/4" length
- 250 Vac maximum to 10 amps
- 32 Vac maximum to 30 amps

COOPER Bussmann

Part No.	Amps	Interrupt Rating Amp	Price
AGC1/2	1/2	35	Call
AGC1	1	35	0.78
AGC1-1/2	1-1/2	100	0.78
AGC2	2	100	0.78
AGC3	3	100	0.78
AGC4	4	200	0.78
AGC5	5	200	0.78
AGC6	6	200	Call
AGC8	8	200	Call
AGC10	10	200	0.78
AGC15	15	1,000	0.78
AGC20	20	1,000	0.78
AGC25	25	1,000	Call
AGC30	30	1,000	0.78

FUSE, ELECTRONIC, PC BOARD

CERAMIC TUBE, FAST ACTING



- Dimension - 1/4" diameter x 1 - 1/4" length
- 250 Vac maximum

COOPER Bussmann

Part No.	Amps	Interrupt Rating Amp	Price
ABC1	1	35	1.70
ABC2	2	100	1.50
ABC3	3	100	1.61
ABC4	4	100	1.70
ABC5	5	200	1.46
ABC6	6	200	1.54
ABC7	7	200	1.54
ABC8	8	200	1.54
ABC10	10	200	1.63
ABC15	15	750	1.36
ABC20	20	400	2.99
ABC25	25	400	3.17

CERAMIC TUBE, TIME DELAY



- 250 Vac maximum
- Dimension - 1/4" diameter x 1-1/4" Length

COOPER Bussmann

Part No.	Amps	Interrupt Rating Amps	Price
MDA5	5	200	1.50
MDA10	10	200	1.35
MDA20	20	400	1.35

BLADE TYPE, FAST ACTING



- 32 Vac maximum

COOPER Bussmann

Part No.	Amps	Color Code	Price
ATC2	2	Gray	Call
ATC3	3	Violet	4.65
ATC4	4	Pink	Call
ATC5	5	Tan	4.65
ATC15	15	Blue	Call
ATC20	20	Yellow	Call
ATC30	30	Green	Call

GLASS TUBE, TIME DELAY



- Dimension - 1/4" diameter x 1- 1/4" Length

COOPER Bussmann

Part No.	Amps	Max. Volts	Interrupt Rating Amps	Price
MDL8	8	250	200	Call
MDL15	15	32	1,000	Call

FUSE, IN LINE

CERAMIC, TIME DELAY, GMQ



- Size rejecting
- 300 Vac maximum
- Interrupt rating - 10,000A
- Use fuse holder HLQ3210

COOPER Bussmann

Part No.	Amps	Price
GMQ3210	3 2/10	8.23

ELECTRICAL DEVICES AND ACCESSORIES

FUSE, ACCESSORIES

PLUG FUSE BOX COVER



- Single fuse
- Switch control
- Installs easily in standard electrical box
- 125 Vac, 15A

COOPER Bussmann

Part No.	Type Box	Price
SSU	2-1/4" Handy	Call

IN LINE FUSE HOLDER



- Furnished with 3 springs for different length fuses
- 8" leads
- 1/4" diameter, 7/8" to 1-1/4" length Fuse

COOPER Bussmann

Part No.	Description	Price
HRK	Fuse Holder	8.56

FUSE PULLER



COOPER Bussmann

Part No.	Application Diameter Fuse (In.)	Price
FP2	13/32 to 13/16	Call
FP3	1 to 1 3/4	Call
FP6	0 to 60A T-Tron Fuse	Call

CONDUIT FITTING

BUSHING



NATIONAL REFRIGERATION PRODUCTS

Part No.	Package Qty.	Description	Price
N0028	5	Bushing, Screw-On Washer	7.10
NO331	35	Anti-Short Bushing, 14/2, 14/3, 12/2, 5/16	2.86

REDUCING WASHER



NATIONAL REFRIGERATION PRODUCTS

Part No.	Package Qty.	Description	Price
N0310	28	Reducing Washer, 3/4"–1/2"	4.50

CONDUIT STRAP



NATIONAL REFRIGERATION PRODUCTS

Part No.	Size (In.)	Package Qty.	Price
N1306	1/2	20	3.00
N1307	3/4	12	2.40
N1304	1	8	3.40
N1305	1-1/4	8	4.30

CONNECTOR, BX



NATIONAL REFRIGERATION PRODUCTS

Part No.	Package Qty.	Description	Price
N1311	25	BX Connector, 1/2" Knockouts, 3/8" Trade	14.70

CONNECTOR, 90



NATIONAL REFRIGERATION PRODUCTS

Part No.	Package Qty.	Description	Price
N1315	3	90° Connector, Steel Cover, 1/2" Knockouts, 3/8" Trade	4.50

CONNECTOR, DUPLEX



NATIONAL REFRIGERATION PRODUCTS

Part No.	Package Qty.	Description	Price
N1318	2	Duplex Connector, Clamp Type, 1/2" Knockouts, 3/8" Trade	4.70

BUSHING, CONDUIT



NATIONAL REFRIGERATION PRODUCTS

Part No.	Package Qty.	Description	Price
N1301	2	1/2 Offset Conduit Bushing	7.40
N1303	2	1/2 Straight Conduit Bushing	5.50

COMBO CABLE CONNECTOR

Part No.		Description	Price
N1340	10-00 0148 4.01	Combo Cable Connector, 1/2" Knockouts, 3/8" Trade	6.64

ELECTRICAL DEVICES AND ACCESSORIES

CONDUIT FITTING

CONNECTOR, ROMEX



Part No.	Package Qty.	Description	Price
N1320	25	Romex Connector, Clamp Type,1/2" Knockouts, 3/8" Trade	12.40
N1319	25	Romex Connector, Clamp Type,1/2" Knockouts, 3/4" Trade	5.54

PLUG ADAPTER

PLUG



Part No.	Package Qty.	Description	Price
N2867	1	Armored Plug, Male, 2 Pole, 3 Wire 15A- 125V	4.20
N2887	1	Armored Connector, Female, 2 Pole, 3 Wire, 15A-125V	8.60

PATCH CORD



6', 16 Ga Wire
Male plug to medium duty spring clips

Part No.	Description	Price
86075	Male, 6', 2 wire Cord	1341.00

PATCH CORD



- Female plug x (3) large alligator clips
- 12" long

Part No.	Description	Price
86076	15A Patch Cord	13.00

BOX, SWITCH, COVER

RECEPTACLE



Part No.	Package Qty. 1 1	Description	Price
NO270	1	Duplex Receptacle, 2 Pole, 3 Wire,15A-125V	2.90
NO877	1	Duplex Receptacle, 2 Pole, 3 Wire, 20A-125V	6.80
N1876	1	Single Receptacle, 2 Pole, 3 Wire, 20A-250V	8.80
N2701	1	Duplex Receptacle, 2 Pole, 3 Wire, 15A-125V	1.60

WALL SWITCH



Part No.	Package Qty.	Description	Price
NO777	1	On-Off, 15A, 120V	3.90
N1238	1	Silent, 1 Pole, 20A-120/277 Vac	9.00
N1262	1	Silent, 2 Pole, 15A-120/277 Vac	12.22
N1232	1	1 Pole, 30A-120/277 Vac	23.46

TOGGLE SWITCH



- Bat handle
- All switches rated 15A, 125/250 Vac

Part No.	Package Qty.	Description	Price
NO447	1	SPST, On-Off	5.50
NO454	1	SPDT, On-On	9.48
NO455	1	DPST, On-Off	5.80
NO494	1	DPDT, On-Off-On	12.28

BOX, ELECTRICAL



- Steel

Part No.	Dimensions (In.) W	L	D	Description	Price
N0360	2-1/8	4	1-7/8	Utility, 1/2" Knockouts	2.80
N0361	2-1/8	4	2-7/8	Utility, 1/2" Knockouts, Deep	2.90
N0362	4	4	1-1/2	1900 Shallow, 21.0 cu. in., 1/2" and 3/4" Knockouts	2.90
N0363	4	4	2-1/8	1900 Deep, 30.3 cu. in., 1/2" and 3/4" Knockouts	4.00
N0364	4	4	1-1/2	Octagon, 1/2" and 3/4" Knockouts	3.90

ELECTRICAL DEVICES AND ACCESSORIES

BOX, SWITCH, COVER

BOX COVER, UTILITY



- Covers 2-1/8" x 4" box
- Plated finish

Part No.	Description	Price
NO365	Wall Switch Utility Cover	1.80
NO366	Duplex Receptable Cover	1.36
NO367	Blank Utility Cover	1.20
NO372	Blank Octagon Electrical Box Cover, 3-5/8" x 3 5/8"	1.50
NO375	Utility Box Cover, 250V Receptable	3.30

BOX COVER, 1900 BOX



- Covers 4" x 4" box
- Plated finish

Part No.	Description	Price
NO368	Wall Toggle Duplex Cover	3.90
NO369	Square Cover/Duplex Receptable	3.10
NO371	Square Cover, Blank	1.20
NO377	Single Wall Toggle Utility Cover	4.30

BOX ASSEMBLY



Dimensions – 4-9/16" x 2-7/8" x 2-1/8"

Part No.	Description	Price
NO384	Weatherproof Box w/Switch and Cover	17.30

FUSE, RECEPTACLE AND COVER



Part No.	Description	Price
NO381	Fuse/Outlet and Cover, 1/2 HP, Single Pole Switch, 125V	22.94

SOLDERLESS TERMINAL

LIQUIDTITE CONNECTOR

Part No.	Description	Price
N1350	1/2" Trade & Knockout	5.98
N1351	3/4" Trade & Knockout	9.64
N1352	90 Degree, 1/2" Trade & Knockout	4.94
N1353	90 Degree, 3/4" Trade & Knockout	7.50

BUTT CONNECTOR, INSULATED



Part No.	Wire Size (AWG)	Package Qty.	Price
N6232L	22-18	50	5.90
N6217	16-14	24	4.60
N6217L	16-14	50	6.40
N6231	12-10	19	4.70

DEAD-END CONNECTOR, INSULATED



Part No.	Wire Size (AWG)	Package Qty.	Price
N6222L	22-14	50	4.86
N6223L	16-10	50	6.00
N6250N	18-8	25	6.96

FEMALE FLAG SLIP ON



- Compressor applications

Part No.	Wire Size (AWG)	Tab Size (In.)	Package Qty.	Price
N6258C	16-14	.250	100	22.90
N6270L	12-8	.250	50	14.80
N6259	12-10	.250	50	2.80
N6259C	12-10	.250	100	19.96

ELECTRICAL DEVICES AND ACCESSORIES

SOLDERLESS TERMINAL

FEMALE FLAG SLIP ON.



Part No.	Wire Size (AWG)	Tab Size (In.)	Insulated	Package Qty.	Price
N6213C	16-14	.250	No	100	18.20
N6277N	16-14	.250	Yes	25	7.10
N6224C	12-10	.250	No	100	17.30

FULLY INSULATED SLIP ON



Part No.	Wire Size (AWG)	Tab Size (In.)	Gender	Package Qty.	Price
N6229L*	16-14	.250	F	50	11.92
N6233L	16-14	.250	F	50	10.00
N6234L	16-14	.250	M	50	8.90
N6240	16-14	.250	M/F	50	7.68

*With insulated grip

FEMALE INSULATED SLIP ON



Part No.	Wire Size (AWG)	Tab Size (In.)	Insulated	Package Qty.	Price
N6235L	22-18	.250	Yes	50	6.00
N6214C	16-14	.250	No	100	8.00
N6218	16-14	.250	Yes	24	3.72
N6218L	16-14	.250	Yes	50	5.60
N6251	12-10	.250	Yes	19	3.80
N6251L	12-10	.250	Yes	50	7.42
N6282L	22-18	.187	Yes	50	7.00
N6281L	16-14	.187	Yes	50	6.00

MALE INSULATED SLIP ON



Part No.	Wire Size (AWG)	Tab Size (In.)	Package Qty.	Price
N6219	16-14	.250	24	4.10

BULLET PLUG/RECEPTACLE



- Insulated

Part No.	Wire Size (AWG)	Tab Size (In.)	Package Qty.	Price
N6285L	16-14	Plug/.157	50	10.50
N6286L	16-14	Receptacle/.157	50	9.60

INSULATED RING



Part No.	Wire Size (AWG)	Stud Size	Package Qty.	Price
N6236L	22-18	8	50	6.30
N6272L	16-14	8	50	6.60
N6216L	16-14	10	50	5.90
N6252L	12-10	10	50	8.00
N6253L	12-10	1/4"	50	10.80
N6257N	8	1/4"	25	10.36

INSULATED SPADE



Part No.	Wire Size (AWG)	Stud Size	Package Qty.	Price
N6237L	22-18	8	50	6.40
N6274L	16-14	6	50	6.70
N6227L	16-14	8	50	5.76
N6228L	16-14	10	50	5.80
N6255L	12-10	10	50	7.80

INSULATED SPRING SPADE



Part No.	Wire Size (AWG)	Stud Size	Package Qty.	Price
N6238L	22-18	8	50	6.14
N6239L	16-14	8	50	5.90
N6276L	16-14	8	50	6.50

TAB ADAPTER



Part No.	Qty. Gender	Tab Size (In.)	Package Qty.	Price
N6210	1 M/1 F	.250	24	4.80
N6211C	2 M/1 F	.250	100	10.90
N6212	2 M/1 F	.250	24	4.00

ELECTRICAL DEVICES AND ACCESSORIES

SOLDERLESS TERMINAL

TERMINAL KIT



- N6200A - 16-14 wire range; stud sizes 8 and 10
- N6200D - 12-10 wire range; stud size 10
- In plastic container

Part No.	Description (Qty.)	Price
N6200A	Includes N6211 (15), N6213 (20), N6217 (10), N6218 (15), N6227 (10)	20.10
N6200D	Includes N6211 (10), N6224 (10), N6231 (10), N6251 (10), N6252 (10), N6255 (15)	22.00

TERMINAL REPAIR



- Includes 3 color coded wires and hex Wrench

Part No.	Description	Price
TLC310	10 Gauge Compressor Stake Kit	33.27
TLC312	12 Gauge Compressor Stake Kit	Call

TERMINAL REPAIR



The answer to pitted or corroded spade terminals. Simply push the connector on and tighten from the front with a Phillips head screwdriver. Has a durable brass interior shielded by nylon insulating exterior to prevent shorting. QT2910 includes 4' 10AWG color coded leads.

Part No.	Description	Price
QT2810	Terminal Lugs, 30 Amps, pkg of 3	33.27
QT2812	Terminal Lugs, 20 Amps, pkg of 3	Call
QT2910	Terminal Lugs, 30 Amps, 4' 10AWG leads, pkg of 3	Call

THERMOSTAT WIRE

18 GAUGE/UL LISTED

Part No.	No. Conductors	Length Reel (Ft.)	Wt. (Lbs.)	Price
TW182UL	2	500	7	70.42
TW183UL	3	500	10	104.24
TW185UL	5	250	8	69.76
TW188UL	8	250	12.5	105.08
TW1810UL	10	250	15.75	157.68

18 GAUGE/PLENUM

Part No.	No. Conductors	Length Reel (Ft.)	Wt. (Lbs.)	Price
TW182PLN	2	500	7.5	102.40
TW183PLN	3	500	11	131.16
TW184PLN	4	250	7	94.80
TW186PLN	6	250	10	132.48
TW188PLN	8	250	13	153.34

18 GAUGE/PLENUM/STRANDED/ SHIELDED

Part No.	No. Conductors	Length Reel (Ft.)	Price
TW182PLNSS	2	500	126.00
TW183PLNSS	3	500	171.00

16 GAUGE/PLENUM/STRANDED/ SHIELDED

Part No.	No. Conductors	Length Reel (Ft.)	Price
TW162PLNSS	2	1000	349.60
TW162PLNSS500	2	5000	180.84

16 GAUGE STRANDED THNN

Part No.	No. Conductors	Length Reel (Ft.)	Price
TW164MSC	4	250	254.52
TW164MSC50FT	4	50	49.90

14 GAUGE STRANDED THNN MINI SPLIT CABLE

Part No.	No. Conductors	Length Reel (Ft.)	Price
TW144MSC	4	250	246.00
TW144MSC50FT	4	50	50.06

WIRE

THERMOSTAT WIRE



Part No.	Wire Size	Conductors	Package Length (Ft.)	Price
N6336	18	3	40	17.10
N6337	18	5	40	28.30
N6338	18	8	40	33.50

SJT SERVICE CORD



- 300V capacity
- UL listed

Part No.	Gauge	Conductors	Package Length (Ft)	Price
N6341	16	3	20	18.30
N6343	14	3	20	29.50

ELECTRICAL DEVICES AND ACCESSORIES

WIRE

HOOK-UP WIRE



- Stranded
- Capacity - 600V
- 48' lengths
- UL Listed

Part No.	Gauge	Color	Price
N632B	16	Black	14.10
N632R	16	Red	14.10
N632W	16	White	14.10
N633B	14	Black	17.10
N633R	14	Red	16.30
N633W	14	White	16.30
N634B	12	Black	23.90
N634R	12	Red	23.90
N634W	12	White	25.50
N635B	10	Black	36.84
N635R	10	Red	39.60
N635W	10	White	39.60
N631B	8	Black	63.46
N631R	8	Red	63.46
N633G	14	Green	16.30

WIRE MANAGEMENT

WIRE CONNECTOR



Part No.	Package Qty.	Description	Price
N1327	3	Split Bolt Connector, #8 Wire	10.06
N1328	3	Split Bolt Connector, #6 Wire	13.70

WHIP



- Nonmetallic sealtite

Part No.	Length (Ft.)	Connector (In.)	Wire Size	Price
N63124	4	1/2	#10	15.50
N63126	6	1/2	#10	18.80
N63344	4	3/4	#8	Call
N63346	6	3/4	#8	22.50

CABLE STAPLE



Part No.	Package Qty.	Description	Price
NO273	50	Insulated Staples, 5/8" x 1/4"	3.30

WIRE NUT



Color-coded connector shells are made from high dielectric, smooth polypropylene plastic to eliminate porosity and surface cracking. Resists practically all chemical action.
Heat-resistant up to 105°C (221°F).

Part No.	Color Code	Size	Package Qty.	Price
N6291C	Grey	Mini	100	7.40
N6292C	Blue	Mini	100	8.20
N6293C	Orange	Small	100	9.30
N6294C	Yellow	Medium	100	13.90
N6296C	Red	Large	100	17.60

Part No.	Description	Price
N6295	Assortment: Yellow (15), Orange (15), Grey (15), Red (10)	6.00

TERMINAL BLOCK



Part No.	Description	Price
N6183	6 Position, 20A, 250V, 14 AWG Maximum	3.22
N6185	10 Position, 20A, 250V, 14 AWG Maximum	4.98
N6187	14 Position, 20A, 250V, 14 AWG Maximum	7.60
N6193	6 Position, 30A, 600V, 12 AWG Maximum	6.10
N6195	10 Position, 30A, 600V, 12 AWG Maximum	9.64

CABLE MARKER



Made of vinyl impregnated cloth and mounted on dispenser cards in a portable book. All markers are designed for both above and below ground applications

Part No.	Description	Price
N1002	""A-Z" and "0-15""	19.40
N1003	""#1 to #45""	19.40

ELECTRICAL DEVICES AND ACCESSORIES

WIRE MANAGEMENT

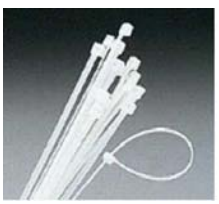
CABLE TIE, BLACK



- Ties rated to 50 lb. tensile strength

Part No.	Length (In.)	Maximum Diameter (In.)	Package Qty.	Price
N6262BC	7	1-3/4	100	4.60
N6262BM	7	1-3/4	1,000	42.40
N6263BC	11	3	100	6.00
N6263BD	11	3	500	29.26
N6265BC	14	4	100	10.46

CABLE TIE, NYLON



- Ties rated to 50 lb. tensile strength

Part No.	Length (In.)	Maximum Diameter (In.)	Package Qty.	Price
N6261L*	5	1-3/8	50	2.00
N6262L	7	1-3/4	50	2.12
N6262M	7	1-3/4	1,000	35.00
N6263D	11	3	500	38.84
N6263L	11	3	50	4.30

*30 lb. tensile strength

CABLE TIE, MOUNTING HOLE



Part No.	Length (In.)	Package Qty.	Price
N6264N	7	25	2.24

CABLE TIE MOUNT



Part No.	Package Qty.	Description	Price
N6269L	50	1.1", Adhesive Backing	13.18

NYLON CABLE CLAMP



Part No.	Pipe OD (In.)	Package Qty.	Price
N5381	1/8	54	2.80
N5382	1/4	45	2.80
N5383	3/8	41	2.80
N5384	1/2	39	3.74
N5385	5/8	37	4.78

HEAT SHRINK TUBE ASSORTMENT



- Assorted 6" lengths
- Includes 2 pieces each of:
  1/8" Black , 1/8" White
  1/4" Black, 1/4" White
  1/2" Black, 1/2" White

Part No.	Description	Price
N6370	Heat Shrink Tube Assortment	10.50

TEST LEAD

JUMPER



Part No.	Pkg. Qty.	Description	Price
N5031	8	8 Leads, Color Coded, Alligator Clip (Sm.)	8.22
N5032	2	2 Leads, 18" Wire, Alligator Clip (Med.)	8.60
N6025	3	Compressor Lead Kit	10.00

EZ HOOK



Part No.	Pkg. Qty.	Description	Price
N5042	2	EZ Hook, 18 Ga. 2 ea.	20.90

ALLIGATOR CLIP



Part No.	Pkg. Qty.	Description	Price
N5035	4	Alligator Clip (Med.), 2", 4 Ea.	4.20
N5036	2	Test Clip (Lg.), 2 1/2", 2 Ea.	5.70

MOTORS & ACCESSORIES

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UNIT BEARING/WATT MOTOR

2 WATT - 16 WATT



Features
- 51 Frame. 3 1/2" diameter, 1 speed
- Cast iron construction
- Thermal overload protection
- 1/4" threaded shaft
- Shaded pole, air over
- Rear hub or base mount
- Rotation viewed opposite shaft end

Applications
- Refrigerators
- Freezers
- Display Cases
- Walk Ins

NRP NATIONAL REFRIGERATION PRODUCTS

Part No.	Watt	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
NRP5111	2.5W	115/1	1550	0.24	CWOSE	2-1/2	1/4-20-Thd.	1/2	2.0	Call
NRP5211	4W	115/1	1550	0.35	CWOSE	2-1/2	1/4-20-Thd.	1/2	2.2	36.75
NRP5212	4W	115/1	1550	0.35	CCWOSE	2-1/2	1/4-20-Thd.	1/2	2.2	Call
NRP5311	6W	115/1	1550	0.50	CWOSE	2-1/2	1/4-20 Thd.	1/2	3.3	33.24
NRP5312	6W	115/1	1550	0.50	CCWOSE	3	1/4-20 Thd.	1/2	3.3	40.36
NRP5411	9W	115/1	1550	0.62	CWOSE	3	1/4-20 Thd.	1/2	3.3	34.64
NRP5412	9W	115/1	1550	0.62	CCWOSE	3	1/4-20 Thd.	1/2	3.3	41.42
NRP5811	16W	115/1	1550	1.10	CWOSE	3-1/4	1/4-20 Thd.	1/2	4.0	49.42
NRP5812	16W	115/1	1550	1.10	CCWOSE	3-1/4	1/4-20 Thd.	1/2	4.0	54.92
NRP5221	4W	208-230/1	1550	0.20	CWOSE	3-1/4	1/4-20 Thd.	1/2	2.3	Call
NRP5222	4W	208-230/1	1550	0.20	CCWOSE	3-1/4	1/4-20 Thd.	1/2	2.3	Call
NRP5421	9W	208-230/1	1550	0.33	CWOSE	3-1/4	1/4-20 Thd.	1/2	3.2	44.43
NRP5422	9W	208-230/1	1550	0.33	CCWOSE	3-1/4	1/4-20 Thd.	1/2	3.1	44.43
NRP5821	16W	230/1	1550	0.60	CWOSE	3-1/4	1/4-20 Thd.	1/2	4.0	Call
NRP5822	16W	230/1	1550	0.60	CCWOSE	3-1/4	1/4-20 Thd.	1/2	4.0	Call

"A" = Case Length

35 WATT - 50 WATT



NRP 35 and 50 watt condenser fan motors replace GEI and 21 frame series motors as well as EMS manufactured motors designed for commercial refrigeration units, large air conditioning units, and high volume air applications.

- UL recognized, CSA certified

NRP NATIONAL REFRIGERATION PRODUCTS

Part No.	Watt	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
M00351	35W	115/1	1550	1.4	CWOSE	3-1/3	1/4-20 Thd.	1/2	4.5	116.99
NRP256V	35W	230/1	1550	0.7	CWOSE	3-1/3	1/4-20 Thd.	1/2	4.7	114.50
M00501	50W	115/1	1550	1.7	CWOSE	3-1/2	3/8	1-1/2	5.5	121.10
M00503	50W	208-230/1	1550	0.85	CWOSE	3-1/2	3/8	1-1/2	6.2	123.51

"A" = Case Length

All NRP Motors are individually boxed with hardware included

UNIT BEARING/WATT MOTOR

SQUARE WATT MOTOR, 6 WATT - 16 WATT



Features
- Single Speed
- ELCO Manufacturer
- 3-1/4" Square Motor Body
- Motor Studs Mounts to Fan Guard
- Totally Enclosed, Air Over
- Sleeve Bearings

Applications
- OEM Refrigeration Condenser Fan
- Evaporator Fans

Tecumseh

Part No.	Watt	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft Dia. (In.)	Wt./Ea. (Lbs.)	Price
6W115	6W	115/1	1550	0.40	CCWSE	2-5/8	Hubbed	1.2	145.86
9W115	9W	115/1	1550	0.58	CCWSE	2-5/8	Hubbed	3	148.94
16W115	16W	115/1	1550	1.00	CCWSE	3	Hubbed	4	Call
16W230	16W	230/1	1550	0.50	CCWSE	3	Hubbed	4	Call

"A" = Case Length

PSC REFRIGERATION

3-IN-1™, WALK-IN COOLER EVAPORATOR FAN MOTOR



Features
- All angle mounting: foor studs on each end, bellyband mount
- Reversing plug
- 20" lead
- 3.3" frame
- Class B insulation
- Capacitor included
- Low temp (-40°F) lubrication system

Applications
- Evaporator fans
- Bathroom exhaust fans
- Range hood exhaust fans
- Heater fans

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
9721	1/12	115/208-230/1	1550	1.0/0.5	REV	1	3-5/8	5/16	2-3/4	4.75	69.02

ECM REFRIGERATION MOTOR

ECM



GE has developed an electronically commutated motor that can serve as a drop-in replacement for conventional vertical discharge 51 frame motors in 2 to 25 watt applications. The ECM line design allows operating efficiencies up to 3 times that of standard motors currently in use.
Note: Motor must be vertical shaft up to 60° from vertical for proper condensate drainage

Features
- Single speed
- High efficiency
- 1/4-20 thread shaft
- Designed to match watt motor mount
- Thermal protection
- Rotation viewed opposite shaft end
- Ball bearing

Formerly GE genteq

Part No.	Watt	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
M05443	9W	115/1	1650	0.32	CWOSE	3-7/16	1/4	3/8	3.1	136.70
M05444	16W	115/1	1650	0.40	CWOSE	3-7/16	1/4	3/8	3.2	152.43

*Ball Bearing

ECM REFRIGERATION MOTOR

ECM



EM&S has developed an electronically commutated motor that can serve as a drop-in replacement for practically all unit bearing motors in 6 to 12 watt applications. Electronic commutation dramatically reduces (up to 75%) the waste heat generated by a conventional motor

Features
- Single speed
- High efficiency
- 1/4-20 thread shaft
- Designed to match watt motor mount
- Rotation viewed opposite shaft end
- Unit bearing

Additional features for 00621:
- Standard 3 hole G-E hub mount
- Special 4 hole Hussman hub mount
- Mounting feet - top and bottom

Formerly GE genteq

Part No.	Watt	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
00621	6-9-12W	115/1	1550	0.1 to .7	CWOSE	2.55	1/4-20 Thd.	3/8	3.1	106.92

ECM



Features
- Rain shield
- Lyall plug
- Exceeds 60% efficiency
- Low temperature oil

Additional features for UE9207F2:
- Both mounting 'feet' are drilled and tapped
- Rear hub is drilled for the standard 3 bolt mount and the 4 bolt Hussman mount

Applications
- Supermarket case evaporator fans

Century

Part No.	Watt	Diameter (In.)	Voltage	RPM	Amps	Rotation	Wt./Ea. (Lbs.)	Price
9207F2	6-9-12W	3-1/2	115/1	1550	0.3	CWOSE	3	Call
9208	14-16W	3-1/2	115/1	1550	0.58	CWOSE	4	76.28

"A" = Case Length

ECM FAN ASSEMBLY



Ultra-high efficiency conventional shaded-pole fan systems are 5 to 7% efficient at full load. In contrast, the GE 58 Series ECM Fan/Motor System™ has been designed with a forward curved air foil with smaller fan- tip clearance that provides world-class fan/motor system efficiency of 20 to 25%. The GE 58 Series ECM's permanent-magnet, DC design allows it to maintain 68 to 72% motor efficiency over a wide torque range. This result is more air for lower operating cost.

Applications

Designed for condenser and evaporator fan motors used in display cases, ice machines, beverage merchandisers, vending machines

Features
- Complete air moving package consisting of motor, fan, shroud
- Ultra-high efficiency brushless DC motor
- 12" moisture resistant leads
- Forward curved, low tip clearance airfoil design for quiet, high efficiency operation
- Special low temperature lubrication to -40°C, +65°C max ambient
- Mounting ring dimensions 10.2" with 9.8" bolt circle

Formerly GE genteq

Part No.	Watt	Voltage	RPM	Amps	Rotation	"A" (In.)	Wt./Ea. (Lbs.)	Price
5470	36W	115/1	1340	0.52	CWOSE	2.90	3.1	Call
05471	36W	115/1	1470	0.52	CWOSE	2.90	3.1	109.97
05472	36W	115/1	1650	0.52	CWOSE	2.90	3.1	Call

"A" = Case Length

REFRIGERATION

ECM REFRIGERATION MOTOR

ARKTIC™



Features
- 3 3/8" diameter
- Electronically Commutated Motor
- Mounting Studs on Both Ends
- Totally Enclosed - Air Over
- 50/60 Cycle Rated

Applications
- Evaporator fan motors used in "Walk-In" and "Reach-In" refrigerators and freezers
- Retrofit motor for 3.3" diameter evaporator motors

Formerly GE genteq

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
05105	1/15	115/1	1550	1.3	CWSE	2-5/8	5/16	4	3.7	199.78
05205	1/15	208-230/1	1550	0.8	CWSE	2-5/8	5/16	4	3.7	199.78

"A" = Case Length

SKELETON MOTOR



Features
- Fits standard units, Bohn; replaces Uppco & GE33 series
- Reversible
- Kits include adapters and hardware
- MK18003, MK18004 shafts adapt to 3/16", 1/4", 5/16" or hubless

IRP International Refrigeration Products — Beacon

Part No.	Replaces	Description	Price
MK18001	Acme-700,-GEM-EM670	Motor Only, 1/100 HP, 120V, 3000 RPM	15.06
MK18002	Acme-700,-GEM-EM670	Kit, 1/100 HP, 120V, 3000 RPM	13.30
MK18003	Acme 750	Kit, 1/50 HP, 120V, 3000 RPM	28.84
MK18004	Acme 7502	Kit, 1/45 HP, 120/240V, 3000 RPM	31.56

REFRIGERATION FAN DUTY

OPEN VENTILATION



Features
- Shaded pole–single & multi speed
- Air over–fan duty
- Low temperature oil
- Molded plugs to match OEM

Applications
- Evaporator fans
- OEM replacements for Bohn, Larkin, McQuay, Kramer

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	OEM	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D1144	1/25	115/1	1200	1.1	CWSE	3	McQuay	4-3/4	3/8	5-5/8	4.7	353.52
D1124	1/20	115/1	1550	2.1	CWSE	1	Bohn	3	5/16	3	4.0	175.64
D1101	1/20	115/1	1550	1.9	CCWSE	1	Larkin	2-3/4	5/16	2-1/4	3.0	168.40
D1152	1/20	115/1	1550	2.1	CWSE	1	Kramer	2-7/8	5/16	2-1/3	3.2	182.68
D1142	1/15	115/230/1	1550	1.7/1.9	CWSE	1	McQuay	3-1/2	5/16	2-1/2	4.8	242.96
D1103	1/20	208-230/1	1550	1.1	CCWSE	3	Larkin	3	5/16	2-1/4	3.0	174.16
D1154	1/20	230/1	1550	1.0	CWSE	1	Kramer	3-1/8	5/16	2-1/3	3.7	199.60
D1126	1/15	230/1	1550	1.1	CWSE	1	Bohn	3-1/2	5/16	3	4.0	181.96
D1125	1/12	208-230/1	1550	0.4	CCWSE	1	Bohn	3-3/4	5/16	2-5/8	3.6	209.08

"A" = Case Length
*Requires 4?f, 370V capacitor
**Capacitor included

REFRIGERATION

REFRIGERATION FAN DUTY

OPEN VENTILATION



Features
- Shaded pole, air over
- Thermal protected
- Continuous duty
- UL/CSA approved
- 5/16" x 3" shaft
- 60 Hz (replaces Bohn 5008S & 5008T)

Applications
- Most low profile evaporators

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	OEM	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
1EM1152XB	1/15	115/1	1550	2.1	CWSE	1	5008S	2-7/8	5/16	3	4.5	50.02
2EM1152XB	1/15	208-230/1	1550	1.1	CWSE	1	5008T	3-3/8	5/16	3	4.5	52.58
12EM1123X	1/12	115/208-230	1550	1.0/.5	REV	1	9721	-	5/16	3	4.75	60.68

"A" = Case Length

HVAC - 3-3/8" DIAMETER

BLOWER ASSEMBLY

SHADED POLE



Features
- Shaded pole–single speed
- Complete assemblies
- Matches OEM models
- Self cooling

Applications
- Furnace draft inducers
- A064 used on Heil
- A079 used on Rheem
- A081 used on Magic Chef

Part No.	Voltage	RPM	Amps	Rotation	CFM	Wt./Ea. (Lbs.)	Price
A064	115/1	3150	0.7	CWSE	64	5	298.40
A079	115/1	3000	1.1	CCWSE	79	4	324.28
A081*	230/1	3000	0.5	CCWSE	80	5	333.28
B23618*	115/230/1	3100	0.9/0.4	—	70	5	396.76

*Ball Bearing

SWITCH MOTOR

SHADED POLE



Features
- Single speed
- Fan proving end switch
- Self cooling
- Open ventilation

Applications
- Furnace draft inducers

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D415*	1/40	115/1	1500	1.1	CCWSE	5-1/2	1/4	3	4.5	Call
D454*	1/30	115/1	3000	1.5	CWSE	6-3/8	1/4	1-1/2	5.0	247.76
D456*	1/15	115/230/1	3000	2.0/1.0	CWSE	6-1/2	1/4	2-3/4	5.0	337.16
D457*	1/15	115/230/1	3000	2.0/1.0	CCWSE	6-1/2	1/4	2-3/4	5.0	Call
D1174	1/15	460/1	3450	0.6	CWSE	6-3/4	1/4	2-1/2	5.0	424.48
D1171*	1/15	460/1	3000	0.6	CCWSE	6-3/4	1/4	2-1/2	6.0	Call

"A" = Case Length *Ball Bearing

HVAC - 3-3/8” DIAMETER

SWITCH MOTOR

SHADED POLE



Features
- Single speed
- Fan proving end switch
- Matches OEM models
- Self cooling
- Open ventilation

Applications
- Furnace draft inducers
- OEM replacements for Coleman, Miller, Carrier, Rheem and others

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE349	1/125	115/1	3000	0.46	CWSE	4-3/4	1/4	2-1/2	2.9	Call
UE357	1/30	115/1	3000	1.1	CWSE	4-3/4	1/4	1-1/2	3.3	Call
UE553	1/50	115/230/1	3000	0.81/0.46	CWSE	5-3/8	1/4	1-1/2	3.8	Call
UE570*	1/20	115/230/1	3000	1.8/0.9	CWSE	6	1/4	2-1/2	4.8	Call
UE571*	1/20	115/230/1	3000	1.8/0.9	CCWSE	6	1/4	2-1/2	4.8	Call
UE653*	1/20	230/460/1	3000	1.0/0.51	CCWSE	6	1/4	2-1/4	4.8	Call
UE660*	1/15	230/460/1	3450	1.0/0.5	CWSE	6	1/4	2-1/4	4.8	Call

"A" = Case Length *Ball Bearing

PSC



Features
- PSC–single speed
- Fan proving end switch
- Ball bearing
- Self cooling
- Capacitor included
- Open ventilation

Applications
- Furnace draft inducers

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE433*	1/20	115/230/1	1550	0.71/0.38	REV	6-3/8	1/4	4-1/4	5.1	Call
UE374*	1/8	115/1	3000	1.8	REV	6-1/2	1/4	3-3/4	5.1	Call
UE778*	1/16	208-230/1	3450	0.4	CWSE	6	1/4	3-3/4	4.5	Call
UE371*	1/8	208-230/1	3000	0.9	REV	6-1/2	1/4	3-3/4	5.1	Call

"A" = Case Length *Ball Bearing

PSC



Features
- PSC–single speed
- Fan proving end switch
- Ball bearing
- Self cooling
- Capacitor included
- Open ventilation

Applications
- Furnace draft inducers

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D410*	1/10	115/1	3000	1.5	REV	7-1/8	1/4	3-3/4	5.5	578.44
D412*	1/9	230/1	3000	0.7	REV	6-5/8	1/4	3-3/4	5.5	600.48
D1184*	1/16	460/1	3450	0.3	CCWSE	4-3/4	5/16	3-1/3	5.0	Call

"A" = Case Length *Ball Bearing

HVAC - 3-3/8" DIAMETER

LUG MOUNTED MOTOR

SHADED POLE



Features
- Single speed
- OEM mounting lugs
- Open ventilation

Applications
- Furnace draft inducers
- Carrier replacement

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE579	1/50	115/1	3300	1.4	CWSE	3-1/4	5/16	2-1/4	4.5	Call
UE580	1/20	115/1	3300	1.8	CWSE	3-3/4	5/16	2-1/8	4.5	Call

"A" = Case Length

SHADED POLE



Features
- Single speed
- OEM mounting lugs
- Open ventilation

Applications
- Furnace draft inducers

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D1179	1/30	115/1	3000	1.5	CWSE	3-1/2	5/16	2-1/8	2.5	304.12
D1190	1/30	115/1	3300	1.6	CWSE	4-7/8	5/16	1-3/4	4.3	333.04
D1180	1/20	115/1	3300	1.9	CWSE	3-5/8	5/16	2-1/8	4.1	318.72

"A" = Case Length

GENERAL PURPOSE FAN DUTY MOTOR

OPEN VENTILATION



Features
- Shaded pole–single & multi speed
- Air over–fan duty
- Thermal protection
- Continuous duty

Applications
- Evaporator fans
- Bathroom exhaust fans
- Range hood exhaust fans
- Blowers with air over

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D129	1/125	115/1	1500	0.4	DS	2	2-1/8	3-1/4	1/4	3-1/4	2.5	Call
D202	1/85	115/1	3000	0.6	CWSE	1	2-3/8	—	1/4	2-1/4	2.5	Call
D120	1/70	115/1	1500	0.7	CWSE	1	2	—	1/4	2-1/4	2.0	112.32
D121	1/70	115/1	1500	0.7	CCWSE	1	2	—	1/4	2-1/4	2.0	112.32
D126	1/40	115/1	1500	1.1	CWSE	1	2-1/4	—	5/16	2-1/4	2.5	128.12
D128	1/40	115/1	1500	1.3	DS	3	2-1/4	4	5/16	4	3.0	207.80
D206	1/30	115/1	3000	1.2	CWSE	1	3-3/8	—	1/4	2-1/4	3.0	168.24
D332	1/25	115/1	1500	1.5	CWSE	2	3-1/4	—	5/16	2	4.0	346.28
D130[3]	1/40	115/1	1500	1.0	CWSE	1	3-1/3	—	5/16	4-1/8	3.0	124.58
D132	1/20	115/1	1500	1.8	CWSE	1	2-5/8	—	5/16	2-1/4	3.5	109.84
D133	1/20	115/1	1500	1.8	CCWSE	1	2-5/8	—	5/16	2-1/4	3.5	109.84
D636	1/25	230/1	1500	0.7	DS	1	3-1/4	2-1/4	5/16	2-1/4	4.0	Call
D188	1/20	230/1	1500	0.9	CWSE	1	2-5/8	—	5/16	2-1/4	3.5	130.84
D189	1/20	230/1	1500	0.9	CCWSE	1	2-5/8	—	5/16	2-1/4	4.0	130.84
D503[1]	1/10	230/1	1500	0.95	REV	1	4-5/8	—	5/16	3-3/4	5.9	359.08
D504[2]	1/8	115/230/1	1500	1.6/0.8	REV	1	5-1/2	—	5/16	3-1/2	6.46	352.64

[1]Furnished capacitor [2]Requires 10?f, 370V capacitor [3]Internally Cooled
"A" = Case Length

HVAC - 3-3/8” DIAMETER

GENERAL PURPOSE FAN DUTY MOTOR

OPEN VENTILATION



Features
- Air over–fan duty
- Thermal protection
- Continuous duty

Applications
- Evaporator fans
- Exhaust fans
- Heater fans

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE308	1/100	115/1	3000	0.55	CCWSE	1	2-1/8	1/4	2-1/2	2.0	Call
UE32	1/70	115/1	3000	0.6	CWSE	1	2-1/2	1/4	2-1/2	2.8	Call
UE14	1/70	115/1	1550	0.6	CWSE	1	2	1/4	2-1/2	2.3	Call
UE15	1/70	115/1	1550	0.6	CCWSE	1	2	1/4	2-1/2	2.3	Call
UE369	1/60	115/1	900	1.1	CCWSE	3	3-3/8	5/16	2-1/2	4.0	Call
UE18	1/50	115/1	1550	0.75	CWSE	1	2-1/4	1/4	2-1/2	2.8	Call
UE19	1/50	115/1	1550	0.75	CCWSE	1	2-1/4	1/4	2-1/2	2.8	Call
UE26	1/40	115/1	1550	1.0	CWSE	1	2-1/4	5/16	2-1/2	3.0	Call
UE27	1/40	115/1	1550	1.0	CCWSE	1	2-1/4	5/16	2-1/2	3.0	59.66
UE81	1/40	115/1	1550	1.0	CCWSE	2	2-1/2	5/16	2-1/2	3.6	Call
UE36	1/40	115/1	3000	0.9	CWSE	1	3	1/4	2-1/2	3.3	Call
UE28	1/30	115/1	1550	1.1	CWSE	1	2-1/2	5/16	2-1/2	3.6	Call
UE29	1/30	115/1	1550	1.1	CCWSE	1	2-1/2	5/16	2-1/2	3.6	Call
UE30	1/25	115/1	1550	1.8	CWSE	1	2-1/2	5/16	2-1/2	3.6	51.90
UE31	1/25	115/1	1550	1.8	CCWSE	1	2-1/2	5/16	2-1/2	3.6	Call
UE572[1]	1/20	115/1	1550	1.7	CWSE	1	3	5/16	3	4.5	128.04
UE574[2]	1/20	115/1	1550	1.6	CCWSE	1	2-3/4	5/16	2-1/2	4.0	122.78
UE42	1/15	115/1	1550	1.9	CWSE	1	3	5/16	2-1/2	4.4	72.38
UE43	1/15	115/1	1550	1.9	CCWSE	1	3	5/16	2-1/2	4.4	Call
D1142	1/15	115/230/1	1550	1.6/0.8	CWSE	1	3-3/4	5/16	2	5.1	256.44
UE949	1/40	230	1500	0.7	CWSE	1	2-1/4	1/4	2-1/4	2.2	Call
UE396	1/20	208-230/1	1450	0.95	CWSE	1	3	5/16	2-1/2	4.0	Call
UE398	1/20	208-230/1	1450	0.95	CCWSE	1	3	5/16	2-1/2	4.0	Call
UE5752	1/20	208-230/1	1550	0.8	CCWSE	1	2-3/4	5/16	2-1/2	4.0	Call

"A" = Case Length [1]Furnished capacitor [2]Requires 10µf, 370V capacitor [3]Internally Cooled *Ball Bearing

TOTALLY ENCLOSED AIR OVER



Features
- Thermally protected
- Continuous duty

Applications
- Bathroom exhaust fans
- Humidifiers

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE16	1/100	115/1	1550	0.38	CWSE	1	2	1/4	2-1/2	2.5	Call
UE17	1/100	115/1	1550	0.38	CCWSE	1	2	1/4	2-1/2	2.5	Call
UE509*	1/70	115/1	1550	0.6	CCWSE	1	2-1/8	1/4	1-1/4	2.3	Call
UE597	1/60	115/1	1550	0.74	CWSE	2	2-1/4	5/16	1-1/4	3.5	Call
UE20	1/50	115/1	1550	0.75	CWSE	1	2-1/4	1/4	2-1/2	2.8	126.88
UE21	1/50	115/1	1550	0.75	CCWSE	1	2-1/4	1/4	2-1/2	2.8	Call
UE496*	1/50	115/1	2800	0.65	CWSE	2	2-1/2	1/4	1-1/4	2.8	Call
UE400	1/30	115/1	1550	0.97	CCWSE	1	2-3/4	5/16	3-1/4	3.8	Call
UE431	1/25	115/1	1550	1.2	CWSE	1	3	5/16	2-1/2	3.6	Call
UE432	1/25	208-230/1	1550	0.6	CWSE	1	3	5/16	2-1/2	3.5	Call

*NuTone applications "A" = Case Length

HVAC - 3-3/8” DIAMETER

ROOM A/C AND DOUBLE BLOWER MOTOR

OPEN VENTILATION



Features
- Shaded pole-single & multi speed
- Open ventilation
- Double shaft
- Thermal protection
- Continuous duty

Applications
- Room air conditioners
- Double blowers for heaters

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	“A” (In.)	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE314	1/40	115/1	1550	0.9	DS	1	2-1/2	2-3/8	5/16	2-3/8	3.4	Call
UE350	1/40	115/1	1550	1.0	DS	2	2-1/2	1-3/4	5/16	1-3/4	3.3	Call
UE11	1/30	115/1	3000	1.1	DS	1	2-7/8	1-1/2	1/4	1-1/2	2.8	Call
UE359	1/20	115/1	1550	2.7	DS	2	3-1/8	4	5/16	4	4.0	Call
D367	1/15	115/1	1550	2.7	DS	3	3-1/4	2-3/4	5/16	2-1/2	4.8	169.08
D367	1/15	115/1	1550	2.6	DS	3	3-1/4	6-1/2	5/16	6-1/2	5.1	169.08
UE378	1/50	208-230/1	1550	0.4	DS	2	2-1/4	2-1/2	1/4	2-1/2	2.8	Call

"A" = Case Length

MECHANICAL DUTY MOTOR

OPEN VENTILATION



Features
- Shaded pole–single speed
- Internally fan cooled
- Thermal protection

Applications
- Mechanical duty
- Exhaust fans and blowers that do not provide air over the motor

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE25	1/60	115/1	1550	0.73	CCWSE	2-7/8	1/4	3	2.8	Call
UE24	1/60	115/1	1550	0.73	CWSE	2-7/8	1/4	3	2.8	Call

"A" = Case Length

TOTALLY ENCLOSED FAN COOLED



Features
- Shaded pole–single speed
- External cooling fan
- Thermal protection
- 3 7/8" fan shroud case OD

Applications
- Mechanical duty
- Power venters
- Pumps

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE40	1/20	115/1	1550	1.5	CWSE	4-1/8	5/16	2-1/2	4.9	Call
UE41	1/20	115/1	1550	1.5	CCWSE	4-1/8	5/16	2-1/2	4.9	Call
UE351*	1/20	115/230/1	1550	1.5/0.74	CWSE	4-1/4	5/16	4-1/2	5.1	Call
UE419*	1/20	115/230/1	1550	1.5/0.74	CCWSE	4-1/4	5/16	2-1/4	4.5	Call
UE91*	1/15	115/230	3000	2.0/1.0	CWSE	4-1/2	5/16	5	5.0	Call

"A" = Case Length *Ball Bearing

HVAC - 4-5/16” DIAMETER

HVAC, 4 5/16" DIAMETER

OPEN VENTILATION



Features
- Shaded pole–single & multi speed
- Open ventilation
- Continuous duty
- Thermal protection

Applications
- Blowers
- Ventilators
- Exhaust fans
- Unit heaters

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE305	1/40	115/1	1050	1.1	CWSE	2	3-1/2	5/16	2-1/2	6.7	196.44
UE332[1]	1/20	115/1	1000	2.2	CWSE	2	4	3/8	2-7/8	9.6	334.38
UE48	1/20	115/1	1050	2.1	CWSE	1	3-1/2	3/8	2-1/2	6.8	Call
UE44	1/15	115/1	1550	2.3	CWSE	1	3	3/8	2-1/2	6.5	Call
UE50	1/15	115/1	1050	2.5	CWSE	1	4	3/8	2-1/2	8.3	Call
UE78*	1/15	115/1	1550	2.1	CWSE	1	4-1/2	3/8	2-1/2	8.3	Call
UE793[2]	1/15	115/1	1050	1.2	REV	3	4-1/8	1/2	2-1/4	6.7	418.80
UE46	1/12	115/1	1550	2.6	CWSE	1	3-1/2	3/8	2-1/2	8.2	Call
UE97	1/12	115/1	1050	4.0	CWSE	2	4	3/8	2-3/4	8.3	Call
UE84	1/10	115/1	850	4.0	CWSE	1	4	3/8	2-1/2	8.2	Call
UE85	1/10	115/1	850	4.0	CCWSE	1	4	3/8	2-1/2	8.2	Call
UE472	1/12	208-230/1	1550	1.3	CWSE	1	4	3/8	2-1/2	8.2	Call

"A" = Case Length
*Ball Bearing
[1]Totally enclosed, with base [2]Requires 6µf, 370V capacitor

FAN COIL, 4 5/16” DIAMETER

OPEN VENTILATION



Features
- Shaded pole–single & multi speed
- Open ventilation
- Double shaft
- Continuous duty
- Thermal protection

Applications
- Fan coil units
- Double blowers
- "Thru the wall" units

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	“A” (In.)	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE322	1/25	115/1	1550	1.4	DS	1	3	7-1/4	3/8	7-1/4	6.4	Call
UE54	1/20	115/1	1050	1.8	DS	1	3-1/2	6	3/8	6	7.6	Call
UE363	1/20	115/1	1550	1.8	DS	4	3-1/4	7-1/2	3/8	7-1/2	7.4	Call
UE52	1/15	115/1	1550	2.2	DS	1	3-1/2	6	3/8	6	7.9	Call
UE55	1/15	115/1	1050	2.5	DS	1	4	6	3/8	6	9.1	Call
UE53	1/12	115/1	1550	2.6	DS	1	3-7/8	6-1/4	3/8	6-1/4	9.6	Call
UE420	1/10	115/1	1550	3.3	DS	3	3-1/4	7-1/2	1/2	7-1/2	7.3	Call
UE407	1/6	115/1	1550	4.8	DS	4	4	7-1/2	1/2	7-1/2	10.0	Call
UE341*	1/10	115/230/1	1650	2.2/1.1	DS	1	4	2	3/8	2	9.1	Call

*Totally enclosed, Ball Bearing
"A" = Case Length

HVAC - 5” DIAMETER

CONDENSER FAN MOTOR, 5" DIAMETER

SHADED POLE



Features
- Shaded pole–single speed
- Open ventilation
- Replaces GE 21 & 29 frame
- Continuous duty
- Thermal protection
- Mechanically reversible
- Mounting rings included
- Base included for RF* series

Applications
- Commercial refrigeration
- Condenser fans
- Unit heaters

Part No.	HP	Voltage	RPM	Amps	Rotation	Base	“A” (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
UE610	1/20	115/230/1	1550	2.4/1.2	CWSE	UE1207	4-1/4	3/8	3-1/4	6.5	280.80
UE611	1/20	115/230/1	1550	2.4/1.2	CCWSE	UE1207	4-1/4	3/8	3-1/4	6.5	382.24
UE606	1/15	115/230/1	1050	3.8/1.9	CWSE	UE2088	4-1/2	3/8	3-1/4	7.5	Call
UE612	1/15	115/230/1	1550	2.8/1.4	CWSE	UE2088	4-1/2	3/8	3-1/4	7.5	Call
RF6402	1/10	115/230/1	1050	4.6/2.3	CWSE	Resilient	4-3/4	3/8	3-1/4	8.0	Call
RF6403	1/10	115/230/1	1050	4.6/2.3	CCWSE	Resilient	4-3/4	3/8	3-1/4	8.0	Call
RF4400	1/10	115/230/1	1550	4.4/2.2	CWSE	Resilient	4-3/4	3/8	3-1/4	8.5	Call
RF4401	1/10	115/230/1	1550	4.4/2.2	CCWSE	Resilient	4-3/4	3/8	3-1/4	8.5	144.88

"A" = Case Length

PSC, MULTI-FIT, MULTI-HP



Why stock dozens of 42-frame motors, when two MultiFit™ Motors are all you need. The combination of A.O. Smith's exclusive Multi Mounting System™ and 3-in-1™ multi horsepower design will save the busy HVAC contractor valuable time and money, while adding versatility to your replacement motor inventory. The Multi Mounting System™ will replace all the common 42-frame bolt circle patterns in the HVAC market (4.42AOS/Westinghouse/Emerson; 4.62GE/Fasco/Universal Electric; 4.33 Emerson Clam Shell/GE Cap-Can).

Features
- PSC–single speed
- TEAO
- Replaces many 42 frame motors
- Continuous duty
- Thermal protection
- Electrically reversible

Applications
- Condenser fans

Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	“A” (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
UE9722*	1/8-1/12	208-230/1	1075	0.9 at 1/8HP	REV	5µf,-370V	4	1/2	3	8.5	Call
UE9723*	1/4-1/6	208-230/1	1075	2.0 at 1/4HP	REV	7.5µf,-370V	4-1/2	1/2	3	12.0	Call
UE9724*	1/4-1/6	208-230/1	1625	1.6 at 1/4HP	REV	5µf, 370V	4-1/2	1/2	3	12.0	Call

"A" = Case Length *Ball Bearing



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- **Service you expect**
- **Industry excellence**
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HVAC - 5” DIAMETER

HVAC/REFRIGERATION

SHADED POLE



Features
- Shaded pole–single speed
- Open ventilation
- Internal cooling fan
- GE 21 & 29 frame mounting
- Thermal protection
- Mechanically reversible

Applications
- Commercial refrigeration
- Exhaust fans
- Unit heaters

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D494	1/20	115/230	1050	3.00/1.60	CWSE	4	3/8	3-1/8	6.0	300.76
D493	1/15	115/230	1050	3.40/1.70	CCWSE	4 5/8	3/8	3-1/8	8.5	306.20

"A" = Case Length

BLOWER DUTY

SHADED POLE



Features
- Single & multi speed
- Open ventilation
- Continuous duty
- Thermal protection

Applications
- Furnace blowers
- OEM replacements for many mobile home furnace’s

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE96	1/15	115/1	1050	3.0	CWSE	2	2-3/4	3/8	2-3/8	5.4	Call
UE599*	1/10	115/1	1550	3.0	CCWSE	3	3-3/4	1/2	2-13/20	7.5	Call
UE584[1]	1/8	115/1	1050	4.2	CWSE	1	3-3/4	1/2	4	7.5	349.24
BL6423	1/8	115/1	1050	5.0	CCWLE	2	4	1/2	3-3/4	9.1	Call
UE98	1/8	115/1	1050	5.1	CWSE	3	4-1/4	1/2	3-11/16	8.1	Call
BL6412	1/6	115/1	1050	5.5	CCWLE	1	3-7/8	1/2	3-5/8	10.5	Call
UE585[1]	1/6	115/1	1050	7.9	CWSE	1	4-1/4	1/2	4	9.8	349.24
BL6414	1/5	115/1	1050	6.5	CCWLE	3	3-7/8	1/2	5-1/2	11.0	Call
BL6420	1/5	115/1	1050	5.6	CCWLE	2	3-7/8	1/2	4-3/8	9.0	261.48
UE469	1/12	115/230/1	1050	2.7/1.3	CWSE	1	3-1/4	1/2	3-1/3	9.6	Call
598-REGL	1/8	230/1	1550	1.9	CWSE	1	4-1/4	1/2	3	8.5	143.04
B6415	1/5	208-230/1	1050	3.2	CCWLE	3	3-7/8	1/2	5-1/2	11.1	Call

[1]Includes rear tripod mount for Duotherm *Ball Bearing

SHADED POLE



Features
- Single & multi speed
- Open ventilation
- Continuous duty
- Thermal protection

Applications
- Roof ventilators
- Unit heaters
- Air cleaners

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D142	1/15	115/1	1050	2.6	CWSE	2	2-1/4	3/8	2-3/8	5.0	315.08
D140	1/15	115/1	1050	2.7	CWSE	1	2-5/8	3/8	2-3/8	5.5	294.80
D1054	1/12	115/1	1050	3.1	CWSE	3	2-5/8	1/2	2-1/2	8.0	Call
D144	1/10	115/1	1050	3.6	CWSE	1	2-5/8	1/2	4-1/2	7.0	247.20
D180	1/8	115/1	1050	4.5	CWSE	2	3-1/4	1/2	4	6.5	314.40
D156	1/6	115/1	1050	6.6	CWSE	1	3-7/8	1/2	3-7/8	9.0	236.20

"A" = Case Length

HVAC - 5” DIAMETER

BLOWER DUTY

PSC



Features
- Single & multi speed
- Continuous duty
- Thermal protection

Applications
- Furnace blowers

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
595	1/8	277/1	1075	0.8	REV	3	5µf, 370V	3-3/4	1/2	6-1/2	18.8	Call
BL6519	1/4	115/1	1075	4.7	REV	3	5µf, 370V	4-1/8	1/2	4-1/2	11.5	Call
B6520	1/4	208-230/1	1075	2.0	REV	3	5µf, 370V	4-1/8	1/2	4-1/2	11.5	398.36
BL6530	1/3	115/1	1075	6.3	REV	3	15µf, 370V	4-1/8	1/2	4-5/8	11.0	Call

"A" = Case Length

PSC



Features
- Multi speed
- Open
- Continuous duty
- Thermal protection

Applications
- Furnace blowers

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D150	1/4	115/1	1050	4.7	REV	3	5µf, 370V	4-1/8	1/2	6	11.5	368.64
D151	1/4	230/1	1050	2.0	REV	3	5µf, 370V	4-1/8	1/2	6	11.5	377.44
D152	1/4	277/1	1050	1.5	REV	4	5µf, 370V	4-1/8	1/2	6	11.5	578.68

"A" = Case Length

UNIT HEATER

UNIT HEATER



Features
- Totally enclosed air over
- Stud mount(U6430, U6520), base mount (U6521)
- Continuous duty
- Thermally protected
- Sleeve bearings

Applications
- Unit heater fans

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
U6430	1/15	115/1	1050	3.3	CCWLE	1	Furnished	6.79	1/2	2-5/8	8.0	169.52
U6520	1/8	115/1	1075	2.6	REV	1	Furnished	3-7/8	1/2	3	13.0	Call
U6521	1/8	115/1	1075	2.6	REV	1	Furnished	3-7/8	1/2	3	13.7	Call

"A" = Case Length

HVAC - 5” DIAMETER

UNIT HEATER

UNIT HEATER



Features
- Totally enclosed air over
- Stud mount
- Continuous duty
- Thermally protected
- Sleeve bearings

Applications
- Unit heater fans

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D340	1/40	115/1	1050	1.1	CWSE	1	—	2-5/8	3/8	2-5/8	7.0	Call
D242	1/20	115/1	1050	2.0	CWSE	1	—	3-1/8	3/8	3	9.0	528.52
D261[1]	1/8	115/1	1075	2.3	REV	2	Incl., 4µf, 370V	3-5/8	1/2	3	9.5	336.90
D260[1]	1/6	115/1	1075	2.9	CWSE	1	Incl., 4µf, 370V	3-7/8	1/2	3	9.5	376.42

[1]Includescushion rings for cradle mount
"A" = Case Length

FAN COIL

SHADED POLE



Features
- Shaded pole–multi speed
- Open ventilation
- Double shaft
- Continuous duty
- Thermal protection

Applications
- Fan coil units
- Double blowers
- "Thru the wall" units

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	“A” (In.)	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE389[2]	1/15	115/1	1050	2.4	DS	4	3-1/2	10-1/4	1/2	10-1/4	8.9	231.64
UE393[2]	1/15	115/1	1050	2.4	DS	4	3-1/2	8-3/16	3/8	8-3/16	8.1	282.74
UE89[1]	1/10	115/1	1050	3.3	DS	5	3-1/2	10-1/2	1/2	10-1/2	10.0	226.20
93V1[1]	1/10	115/1	1050	3.3	DS	5	3-1/2	7-3/4	3/8	7-3/4	9.1	259.56
UE347	1/8	115/1	1550	3.3	DS	4	4	9-7/8	1/2	9-7/8	10.4	Call
UE320[1]	1/15	208-230/1	1050	1.3	DS	3	3-1/4	8-3/4	1/2	8-3/4	9.5	251.60
UE379[2]	1/12	277/1	1050	1.1	DS	3	3-1/2	7-1/8	1/2	7-1/8	9.1	266.92

[1]Base included, 3 1/2" shaft height [2]Resilient rings included "A" = Case Length

HVAC - 5” DIAMETER

FAN COIL

SHADED POLE



Features
- Multi speed
- Open ventilation
- Double shaft
- Base included
- 3 1/2" shaft height

Applications
- Fan coil units
- Double blowers
- "Thru the wall" units

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	“A” (In.)	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D289	1/10	115/1	1050	3.6	DS	5	3-1/4	10-3/4	1/2	10-3/4	7.5	286.04

"A" = Case Length

PSC



Features
- Multi speed
- Open ventilation
- Double shaft
- Continuous duty
- Thermal protection

Applications
- Fan coil units
- Double blowers
- "Thru the wall" units

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE372[2]	1/25	115/1	1060	0.6	DS	2	Furnished	3-1/2	11	1/2	11	9.1	484.88
UE382[2]	1/25	115/1	1625	0.73	DS	3	Furnished	3-1/2	6-3/4	1/2	6-1/2	9.0	438.98
UE452[1]	1/20	115/1	1075	0.8	DS	4	Furnished	3-1/2	10-3/4	3/8	10-3/4	10.9	441.26
DBL6501[1]	1/10	115/1	1075	1.7	DS	4	5µf,-370V	3-3/8	10-1/4	1/2	10-1/4	10.1	333.64
UE670[2]	1/6	115/1	1075	2.7	DS	3	Furnished	4-1/4	8-1/4	1/2	8-1/4	10.0	521.60
UE9476A[1]	1/6	115/1	1625	2.2	DS	4	Furnished	4-1/2	8-3/4	1/2	8-3/4	10.0	377.40
DB6502V1	1/10	208-230/1	1075	0.8	DS	4	Furnished, 5µf, 370V	3-3/8	9-5/16	1/2	9-5/16	10.0	Call
DB4505	1/5	208-230/1	1500	1.5	DS	3	5µf, 370V	3-3/8	9-5/16	1/2	9-5/16	12.0	Call
OYK6518	1/5	208-230/1	1075	1.4	DS	1	5µf, 370V	3-7/8	6-3/8	1/2	6-5/16	11.1	Call
OWW4517[3]	1/3	208-230/1	1625	2.3	DS	1	6µf, 370V	4-1/16	7-3/16	1/2	7-3/16	14.0	332.00
7DB6503[3]	1/8	277/1	1075	0.8	DS	3	Furnished, 5µf, 370V	3-3/8	9-5/16	1/2	9-5/16	12.0	351.26

[1]Base included, 3 1/2" shaft height [2]Resilient mounting rings included [3]Base included, 3" shaft height "A" = Case Length

HVAC - 5” DIAMETER

FAN COIL

PSC



Features
- Multi speed
- Open ventilation
- Double shaft
- Continuous duty
- Thermal protection
- Capacitor furnished

Applications
- Fan coil units
- Double blowers
- “Thru the wall” units

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	“A” (In.)	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D291[1]	1/10	115/1	1050	2.2	DS	4	3-1/4	10-3/4	1/2	10-3/4	13	324.98
D354	1/6	115/1	1050	3.1	DS	3	3-7/8	8-1/2	1/2	8-1/2	11	646.24
D277	1/10	277/1	1050	0.7	DS	3	3-7/8	8-1/2	1/2	8-1/2	11	458.72
D290	1/10	115/1	1050	2.2	REV	4	3-1/4	—	1/2	8-1/2	9	546.28

[1]Base Included "A" = Case Length

HVAC - 5-5/8” DIAMETER

ROOM A/C AND FAN COIL DUTY

PSC WITH MOUNTING KIT



Features
- 3 speed
- Open ventilation
- Double shaft
- Continuous duty
- Thermal protection
- Includes length adapter kit

Applications
- Fan coil units
- Room air conditioners
- “Thru the wall” units

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	“A” (In.)	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE680[1]	1/8	115/1	775	1.7	DS	Furnished	5	11	1/2	11	14.0	563.94
RAL1006	1/8	115/1	1075	2.0	DS	5µf, 370V	3-3/4	8-1/4	1/2	8	11.0	Call
RAL1016	1/6	115/1	1075	2.2	DS	5µf, 370V	3-7/8	8-1/8	1/2	8	11.4	Call
RAL1026	1/4	115/1	1075	3.4	DS	5µf, 370V	4-1/4	7-3/4	1/2	8	14.4	Call
RAL1036	1/3	115/1	1075	5.0	DS	5µf, 370V	4-7/8	7-7/8	1/2	7-1/4	17.0	Call
RAL1034	1/3	115/1	1625	4.0	DS	5µf, 370V	4-5/8	7-3/8	1/2	8	15.0	Call
RAL1056	1/2	115/1	1075	5.2	DS	10µf, 370V	5-3/8	7-3/8	1/2	7-1/4	18.0	Call
RA1006	1/8	208-230/1	1075	0.75	DS	5µf, 370V	3-3/4	8-1/4	1/2	8	11.0	Call
RA1016	1/6	208-230/1	1075	0.95	DS	5µf, 370V	3-3/4	8-1/4	1/2	8	11.6	Call
RA1026	1/4	208-230/1	1075	1.5	DS	5µf, 370V	4-1/8	7-7/8	1/2	8	13.3	157.92
RA1036	1/3	208-230/1	1075	1.9	DS	5µf, 370V	4-5/8	8-1/8	1/2	7-1/4	15.4	169.04
RA1034	1/3	208-230/1	1625	2.0	DS	5µf, 370V	4-5/8	7-3/8	1/2	8	15.0	Call
RA1056	1/2	208-230/1	1075	2.7	DS	7.5µf, 370V	5-1/8	7-5/8	1/2	7-1/4	18.0	Call
UE482	3/4	208-230/1	1625	4.2	DS	7.5µf, 370V	5-1/4	7-1/2	1/2	7-1/2	20.3	Call
RA1076	3/4	208-230/1	1075	3.6	DS	7.5µf, 370V	5-3/8	7-3/8	1/2	7-1/4	19.6	Call
7RA1036	1/3	277/1	1075	1.9	DS	7.5µf, 370V	4-5/8	7-5/8	1/2	7-3/4	16.0	Call

[1] Base furnished "A" = Case Length

HVAC - 5-5/8” DIAMETER

ROOM A/C AND FAN COIL DUTY

PSC



Features
- 3 speed
- Open ventilation (D1707 is totally enclosed)
- Double shaft
- Does not include mounting kit (KIT200)
- Thermal protection, Requires capacitor

Applications
- Fan coil units
- Room air conditioners
- Furnaces with double shaft blowers
- “Thru the wall” units

								Shaft (In.)				
Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	“A” (In.)	L	Dia.	L	Wt./Ea. (Lbs.)	Price
D751	1/8	115/1	1075	2.3	DS	5µf, 370V	3-1/2	7-1/2	1/2	9	12	342.68
D754	1/6	115/1	1075	2.7	DS	5µf, 370V	3-1/2	7-1/2	1/2	9	12	278.72
D776	1/5	115/1	1625	2.8	DS	5µf, 370V	3-1/2	8-1/2	1/2	8-1/2	11	530.28
D756	1/4	115/1	1075	4.6	DS	5µf, 370V	4	10	1/2	10	16	Call
D773	1/4	115/1	1625	3.8	DS	5µf, 370V	4	8-1/2	1/2	8-1/2	14	Call
D761	1/2	115/1	1075	9.0	DS	5µf, 370V	5-1/4	8	1/2	8	20	392.00
D769	3/4	115/1	1075	11.9	DS	10µf, 370V	5-1/2	8	1/2	8	20	650.36
D750	1/8	208-230/1	1075	0.9	DS	5µf, 370V	3-3/4	7-1/2	1/2	9	12	Call
D752	1/6	208-230/1	1075	1.4	DS	5µf, 370V	3-1/2	7-1/2	1/2	9	12	266.80
D755	1/4	208-230/1	1075	2.1	DS	5µf, 370V	4	7-1/2	1/2	8-1/2	16	286.36
D774	1/4	208-230/1	1625	1.9	DS	5µf, 370V	4	8-1/2	1/2	8-1/2	12	591.48
D758	1/3	208-230/1	1075	2.3	DS	5µf, 370V	4-1/2	8-1/2	1/2	8-1/2	16	306.60
D760	1/2	208-230/1	1075	4.3	DS	5µf, 370V	5-1/4	8	1/2	8	20	356.36
D763	3/4	208-230/1	1075	5.7	DS	10µf, 370V	5-1/2	8	1/2	8	20	607.24
D979	1/8	277/1	1075	0.9	DS	5µf, 370V	3-3/4	7-3/4	1/2	8	11	453.68

"A" = Case Length

BLOWER DUTY

PSC



Features
- 48 Frame, 5.6" Diameter
- Mounts with thru-bolts, shell holes or belly band
- 20" leads
- Extended mounting studs
- 2.25" diameter hub rings included
- All-position mount

Applications
- Fan coil units
- Room air conditioners
- “Thru the wall” units

								Shaft (In.)				
Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	“A” (In.)	L	Dia.	L	Wt./Ea. (Lbs.)	Price
3134	1/4	230/1	1075	1.9	DS	5µf, 370V	4-5/8	8	1/2	8	13	189.00
3135	1/3	230/1	1075	2.5	DS	5µf, 370V	4-5/8	8	1/2	8	14	145.00
1247E[1]	1/3	230/1	1075	2.5	DS	5µf, 370V	4-2/3	7	1/2	7	18	301.76
1824E[2]	1/2	230/1	1075	4.5	DS	5µf, 370V	5-2/5	8	1/2	8	19	314.10

[1] Includes cradle base and capacitor [2] Includes mounting kit and capacitor "A" = Case Length

HVAC - 5-5/8” DIAMETER

UNIT HEATER DUTY

PSC



Features
- Single & multiple speed
- Totally enclosed–air over
- Most models include base
- Extended thru bolts
- Thermal protection

Applications
- Unit heaters
- Fans for farm buildings
- Ventilators for greenhouses

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE153	1/8	115/1	1050	3.5	CWSE	1	—	4	1/2	3	13.5	Call
UE136*	1/6	115/1	1075	2.5	REV	2	7.5µf, 370V	3-3/4	1/2	5-1/2	10.4	Call
UE730[1]*	1/6	115/208-230/1	1140	2.4/1.2	REV	1	Furnished	6	1/2	4-1/2	13.3	377.76
UE731[1]*	1/4	115/208-230/1	1140	3.8/1.9	REV	1	Furnished	6-1/4	1/2	4-1/2	14.5	430.98
UE732[1]*	1/3	115/208-230/1	1140	4.8/2.4	REV	1	Furnished	6-1/2	1/2	4-1/2	15.8	455.96
UE733[1]*	1/2	115/208-230/1	1140	5.6/2.8	REV	1	Furnished	7-1/4	1/2	4-1/2	18.8	506.12

[1]Base included *Ball Bearing "A" = Case Length

PSC



Features
- Single speed
- Totally enclosed–air over
- Base, capacitor included
- Extended thru bolts
- Thermal protection

Applications
- Unit heaters
- Fans for farm buildings
- Ventilators for greenhouses

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D834*	1/6	115/1	1075	2.70	CWSE	4-1/4	1/2	3	15	345.76
D734*	1/4	115/1	1075	3.80	REV	4-1/4	1/2	3-1/4	13.8	395.20
D732*	1/3	115/1	1075	4.10	REV	4-3/4	1/2	5	18	377.32

"A" = Case Length *Ball Bearing

PSC



Features
- Single speed
- Open ventilation
- Mechanically reversible
- Continuous duty
- Thermal protection

Applications
- Furnace blowers

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE494B	1/6	115/208-230/1	1050	3.3/1.5-1.7	CWSE	1	5µf, 370V	4	1/2	4	10.0	Call
446A	1/6	208-230/1	1050	1.0	CWSE	2	5µf, 370V	3-3/4	1/2	4	9	Call

HVAC - 5-5/8” DIAMETER

UNIT HEATER DUTY

PSC - TORSION FLEX



Features
- PSC–4 speed
- Open ventilation
- Torsion flex mount
- Continuous duty
- Thermal protection

Applications
- Furnace blowers
- OEM replacements

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE753	1/3	115/1	1075	6.5	REV	5µf, 370V	4-3/4	1/2	5-1/2	14.5	Call
UE754	1/2	115/1	1075	10.2	REV	7.5µf, 370V	5-1/2	1/2	5-1/2	17.8	Call

OPEN VENTILATION



Features
- Open ventilation
- Reversible
- Economy model
- Thermal protection

Applications
- Furnace blowers
- Air handlers

IRP International Refrigeration Products — Beacon

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
1BM126B	1/2	115	1075	6	REV	3	10µf, 370V	5.4	1/2	5	13	102.40
2BM126B	1/2	208-230	1075	3	REV	3	7.5µf, 370V	5.3	1/2	5	13	103.84
1BM136B	1/3	115/1	1075	5.0	REV	3	7.5µf, 370V	4.3	1/2	5	13.0	84.76
2BM136B	1/3	208-230/1	1075	2.4	REV	3	5µf, 370V	4.3	1/2	5	13.0	88.84
1BM346B	3/4	115	1075	9	REV	3	15µf, 370V	5.4	1/2	5	13	116.34
2BM346B	3/4	208-230	1075	4.4	REV	3	10µf, 370V	5.4	1/2	5	13	119.20

BLOWER DUTY

OPEN VENTILATION



Features
- Auto Protector
- Class B Insulation
- Continuous Air Over
- Lead Reversible

Applications
- Furnace Blowers
- Air Handlers

Part No.	HP	Voltage	Amps	Rotation	No. of Speeds	Price
1M150	1/4	115/1	3.5	REV	3	103.62
1M155	1/3	115/1	4.9	REV	3	107.16
1M160	1/2	115/1	6.5	REV	3	129.06
1M163	3/4	115/1	9.5	REV	3	159.00
1M151	1/4	208/230-1	1.8	REV	3	106.62
1M156	1/3	208/230-1	2.6	REV	3	109.58
1M161	1/2	208/230-1	3.2	REV	3	133.26
1M162	3/4	208/230-1	4	REV	3	160.00

A" = Case Length *Ball Bearing

LIFESAVER

Part No.	HP	Voltage	RPM	Price
2CMH126X	1/2	230	1075	111.84
2CMH138X	1/3	230	825	115.00

HVAC - 5-5/8” DIAMETER

BLOWER DUTY

PSC, STANDARD EFFICIENCY



Features
- Auto Protector
- Class "B" Insulation
- Continuous Air Over
- Open Construction
- PSC
- Ring adapters
- Standard Efficiency
- 2-1/4" Rings with 2-1/2" Adapters
- 26" Leads
- 60 HZ only

Applications
- Furnace blowers
- Air Handlers

Part No.	HP	Voltage	Amps	Rotation	No. of Speeds	Capacitor	"R" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
DL1026	1/4	115/1	3.5	REV	3	5µf, 370V	4-5/8	1/2	4-1/2	12.0	Call
D1026	1/4	208-230/1	1.8	REV	3	5µf, 370V	4-5/8	1/2	4-1/2	12.0	Call
DL1036	1/3	115/1	4.9	REV	3	7.5µf, 370V	5	1/2	4-1/2	14.0	107.16
1M156	1/3	208-230/1	2.6	REV	3	5µf, 370V	4-7/8	1/2	4-1/2	13.0	96.02
DL1056	1/2	115/1	6.5	REV	3	10µf, 370V	5-1/2	1/2	4-1/2	16.0	Call
1M161	1/2	208-230/1	3.2	REV	3	7.5µf, 370V	5-3/8	1/2	4-1/2	16.0	133.26
DL1076	3/4	115/1	8.9	REV	3	15µf, 370V	6-3/16	1/2	4-1/2	19.0	Call
D1076	3/4	208-230/1	4.0	REV	3	10µf, 370V	6-3/16	1/2	4-1/2	19.0	152.44

"R" = Ring Mounting Dimension

OPEN VENTILATION



Features
- 3 speed
- Open ventilation
- Resilient mount capability
- Continuous duty
- Thermal protection
- Cuhioned rings (except UE150)

Applications
- Furnace blowers
- Air handlers

Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	"R" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
BDL1106*	1	115/1	1075	12.3	REV	20µf, 370V	6.38	1/2	6-7/16	21.0	293.88
UE454*	1/3	208-230/1	1625	2.1	REV	5µf, 370V	5.00	1/2	5-1/2	13.4	Call
UE148A[1]*	1/3	115/1	1075	5.3	REV	5µf, 370V	4.72	1/2	5-1/2	14.0	391.14
UE149[2]*	1/2	208-230/1	1075	3.2	REV	7.5µf, 370V	5.50	1/2	5	17.0	431.60
UE150*	3/4	208-230/1	1075	4.6	REV	10µf, 370V	6.00	1/2	6	18.8	Call
BD1106[2]*	1	208-230/1	1075	5.1	REV	20µf, 370V	6.06	1/2	6-1/2	20.5	453.84
BDH1106[3]*	1	460/1	1075	3.2	REV	15µf, 370V	6.50	1/2	4-1/2	21.0	603.90

[1]Adapt-A-Lug® Motor [2]Resilient rings and 4 split rings included [3]Needs to be totally reconnected for each speed "R" = Ring Mounting Dimension

HVAC - 5-5/8” DIAMETER

BLOWER DUTY

OPEN VENTILATION



Features
- Residental and commercial applications
- Extended studs for mounting flexibility on most motors
- 2.5" diameter hub rings included
- 24" leads with 5" long shafts with flat

Applications
- Air handlers
- Furnace blowers

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
1M150	1/4	115/1	1075	3.9	REV	3	5µf ,370V	4.3	1/2	5	12	103.62
1864	1/3	115/1	1075	5.0	REV	3	7.5µf, 370V	4.6	1/2	5	14	115.00
1M160	1/2	115/1	1075	7.4	REV	3	10µf, 370V	5.4	1/2	5	19	129.06
8904	3/4	115/1	1075	9.1	REV	3	15µf, 370V	5.4	1/2	4	19	Call
1M151	1/4	208-230/1	1075	1.8	REV	3	5µf, 370V	4.3	1/2	5	11	106.62
1972	1/3	208-230/1	1075	2.4	REV	3	5µf, 370V	4.3	1/2	5	13	118.00
1M161	1/2	208-230/1	1075	3.3	REV	3	7.5µf, 370V	5.3	1/2	5	19	133.26
8905	3/4	208-230/1	1075	4.6	REV	3	10µf, 370V	5.4	1/2	4	19	160.00

QUICK REFERENCE

	US Motors	A O Smith	Fasco	GE	Universal/Smith	Marathon
Direct Drive, 115V	1863	DL1026	D721	S3583	UE0533	X000
	1864	DL1036	D727	S3585	UE0532	X002
	1865	DL1056	D701	S3587	UE0531	X004
	8904	DL1076	D728	S3589	UE0678	X009
Direct Drive, 208/230V	1971	D1026	D725	S3584	UE0530	X001
	1972	D1036	D923	S3586	UE0529	X003
	1973	D1056	D703	S3588	UE0528	X005
	8905	D1076	D729	S3590	UE0679	X010

"A" = Case Length

HVAC - 5-5/8” DIAMETER

BLOWER DUTY

OPEN VENTILATION



Features
- PSC–single & multi speed
- Open ventilation
- Resilient mount rings included
- Continuous duty
- Thermal protection

Applications
- Furnace blowers
- Air handlers

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D721	1/4	115/1	1075	4.8	REV	3	5µf, 370V	4	1/2	6	15.0	Call
D727	1/3	115/1	1075	5.9	REV	3	5µf, 370V	4-1/4	1/2	6	14.0	205.60
D780	1/3	115/1	1625	4.7	REV	3	5µf, 370V	4-1/2	1/2	6	15.0	358.08
D701	1/2	115/1	1075	7.7	REV	4	10µf, 370V	5-1/4	1/2	5-1/2	20.0	Call
D785	1/2	115/1	1625	8.4	REV	3	5µf, 370V	4-3/4	1/2	6	17.0	615.52
D728	3/4	115/1	1075	10.5	REV	3	10µf, 370V	5-1/2	1/2	6	20.5	Call
D725	1/4	208-230/1	1075	2.2	REV	3	5µf, 370V	4	1/2	6	15.0	Call
D923	1/3	208-230/1	1075	2.9	REV	3	5µf, 370V	4-1/4	1/2	6	13.0	Call
D729	3/4	208-230/1	1075	5.4	REV	3	10µf, 370V	5-1/2	1/2	6	21.0	152.44
D781	1/3	208-230/1	1625	2.0	REV	3	5µf, 370V	4-1/2	1/2	7	15.0	383.88
D784	1/2	208-230/1	1625	3.8	REV	3	5µf, 370V	5	1/2	6	16.0	653.60
D786	3/4	230/1	1625	5.3	REV	3	7.5µf, 370V	5-1/4	1/2	6	18.5	Call
D975	1/6	277/1	1075	0.9	REV	3	5µf, 370V	4	1/2	5-1/2	11.2	361.12
D973	1/4	277/1	1075	2.0	REV	3	5µf, 370V	4	1/2	5-1/2	10.8	145.48
D972	1/3	277/1	1075	2.4	REV	3	5µf, 370V	4-1/4	1/2	5-1/2	13.0	223.17
D971	1/2	277/1	1075	3.2	REV	3	10µf, 370V	4-3/4	1/2	5-1/2	15.0	533.12
D970	3/4	277/1	1075	3.9	REV	3	20µf, 370V	5-1/4	1/2	5-1/2	17.7	3101.00

"A" = Case Length

RESCUE, MULTI HP



Now you'll always have a motor when you need it. The RESCUE™ motors replace a variety of different horse power applications. RESCUE™ will eliminate the need for temporary substitutions, long driving times in rural areas to get the right motor, or emergency openings in the evening. You may not know what kind of motor you will need, but with the RESCUE™ motors on hand, you know you'll have one that will work. Replaces 1/2, 1/3, 1/4,1/5, 1/6 HP motors.

Features
- 48 Frame, 5.6" Diameter
- Mounts with thru-bolts, Rheem shell holes or belly band
- 36" leads
- Extended mounting studs
- 2.5" diameter hub rings included
- Reversible rotation
- All-position mount

Applications
- Furnace blowers
- Air handlers

EMERSON Climate Technologies

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
5460	1/2	115	1100 to 825	7.3 @ 1/2 HP	REV	4	5 to 10µf, 370V	4-13/16	1/2	5	17	148.00
5461	1/2	208-230/1	1100 to 825	3.6 @ 1/2 HP	REV	4	5 to 10µf, 370V	4-13/16	1/2	5	16	151.00
5470*	3/4	115	1075	8.1 @ 3/4 HP	REV	2	10,20µf, 370V	6-1/8	1/2	5	22	177.00
5471*	3/4	208-230/1	1075	3.8 @ 3/4 HP	REV	2	10,20µf, 370V	6-1/8	1/2	5	21	181.00

"A" = Case Length *Ball Bearing

HVAC - 5-5/8” DIAMETER

CONDENSER FAN DUTY

HVAC

RESCUE, ECOTECH, ECM (US MOTORS)

Part No.	HP	Voltage	Amps	Rotation	No. of Speeds	Price
5522ET	1/3-1/5	115/208-230/1	4	REV	5	445.00
5532ET	1/2-1/4	115/208-230/1	5.9	REV	5	475.00
5542ET	3/4-1/3	115/208-230/1	8.1	REV	5	529.00

CONDENSER FAN DUTY

SHAFT END ENCLOSED

Part No.	HP	Voltage	Amps	Rotation	No. of Speeds	Price
1M100	1/4	208-230/1	1.5	REV	1	102.54
1M105	1/3	208-230/1	2.2	REV	1	113.00
1M110	1/2	208-230/1	3.6	REV	1	118.66
1M115	3/4	208-230/1	4	REV	1	144.86

BELT DRIVE GENERAL PURPOSE

SPLIT PHASE RESILIENT BASE (CENTURY)

Part No.	HP	Voltage	Amps	Rotation	No. of Speeds	Price
GF2024	1/4	115	5.4	REV	1	109.82
GF2034	1/3	115	6.8	REV	1	117.08
GF2054	1/2	115	8	REV	1	148.18

*Ball Bearing

HVAC/REFRIGERATION CONDENSER FAN DUTY

PSC



Features
- Open ventilation
- Reversible
- Continuous duty
- Thermal protection

Applications
- A/C condenser fans
- Refrigeration condenser fans
- Evaporator fans

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
442B	1/6	208-230/1	1075	0.91	REV	1	5µf, 370V	3-1/2	1/2	5-1/2	10.0	Call
UE437[1]	1/4	208-230/1	1075	1.5	REV	1	5µf, 370V	3-3/4	1/2	2-3/4	11.5	249.92

[1]End opposite shaft is enclosed
"A" = Case Length

OPEN



Features
- Cradle base availabe for 3" and 3.5" shaft height
- PSC–single speed
- Totally open
- Continuous duty
- Thermal protection
- 60°C ambient

Applications
- Refrigeration condenser fans
- Refrigeration evaporator fans

Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D1749	1/4	208-230/1	1075	2.1	REV	5µf, 370V	4	1/2	6	10.8	350.88
D1748	1/3	208-230/1	1075	2.9	REV	5µf, 370V	4	1/2	6-1/2	12.5	Call

HVAC - 5-5/8” DIAMETER

CONDENSER FAN DUTY

SHAFT END ENCLOSED



Features
- PSC–single & multi speed
- Continuous duty
- Thermal protection

Applications
- Condenser fans

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
FS1026S	1/4	208-230/1	1075	1.5	REV	1	5µf, 370V	3-15/16	1/2	6-3/8	11.0	Call
FS1024S[1]	1/4	208-230/1	1625	1.4	REV	1	5µf, 370V	4	1/2	4-5/16	12.5	346.78
FS1037S	1/3	208-230/1	1075	1.9	REV	1	5µf, 370V	4-3/16	1/2	6-3/8	13.0	Call
UE665[1]*	1/3	208-230/1	1625	2.0	REV	1	5µf, 370V	4-1/4	1/2	6	12.8	388.82
F1038*	1/3	208-230/1	825	1.9	REV	1	7.5µf, 370V	4-7/8	1/2	6-7/16	18.0	262.38
FS1056S*	1/2	208-230/1	1075	3.6	REV	1	5µf, 370V	4-13/16	1/2	6-1/2	14.5	Call
F1058*	1/2	208-230/1	825	2.9	REV	1	10µf, 370V	5-3/8	1/2	6-1/4	17.0	Call
UE666[1]	1/2	208-230/1	1625	3.8	REV	1	5µf, 370V	4-3/4	1/2	6	16.0	389.32
UE436[1]*	1/3	460/1	1075	1.0	REV	1	5µf, 370V	4-3/4	1/2	6	14.6	414.80
FH1038*	1/3	460/1	825	0.9	REV	1	10µf, 370V	5-5/8	1/2	6-7/16	19	Call
UE783*	1/2	460/1	1625	1.6	REV	2	7.5µf, 370V	5-1/4	1/2	6	15.8	Call
UE435[1]*	1/2	460/1	1075	1.7	REV	1	7.5µf, 370V	5	1/2	6	16.0	415.94
UE158[1]*	3/4	460/1	1075	2.2	REV	1	10µf, 370V	5-1/2	1/2	6	18.5	478.90
UE159*	1	230/460/1	1075	5.0/2.5	REV	1	15µf, 370V	5-3/4	1/2	6	20	Call
F1106*	1	208-230/1	1075	4.8	REV	1	15µf, 370V	6-1/8	1/2	6-3/8	20.0	352.14

[1]Dripproof, resilient mounting rings included "A" = Case Length *Ball Bearing

CONDENSER FAN DUTY

SHAFT END ENCLOSED

Part No.	HP	Voltage	Amps	Rotation	No. of Speeds	Price
1M100	1/4	208-230/1	1.5	REV	1	102.54
1M105	1/3	208-230/1	2.2	REV	1	113.00
1M110	1/2	208-230/1	3.6	REV	1	118.66
1M115	3/4	208-230/1	4	REV	1	144.86

BELT DRIVE GENERAL PURPOSE

SPLIT PHASE RESILIENT BASE (CENTURY)

Part No.	HP	Voltage	Amps	Rotation	No. of Speeds	Price
GF2024	1/4	115	5.4	REV	1	109.82
GF2034	1/3	115	6.8	REV	1	117.08
GF2054	1/2	115	8	REV	1	148.18

*Ball Bearing

RESCUE, MULTI HP



Features
- Replaces 1/3, 1/4, 1/5, 1/6 HP motors
- 48 Frame, 5.6" diameter
- 60°C ambient rated
- 36" leads
- Extended mounting studs
- Reversible rotation
- All-position mount totally enclosed

Applications
- A/C & Heat pump condenser fans

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
5462*	1/3	208-230/1	1075	2.6 @ 1/3 HP	REV	2	5 to 7.5µf, 370V	4-1/4	1/2	4-3/4	14	140.00
5464*	1/3	208-230/1	825	1.9 @ 1/3 HP	REV	2	7.5 to 10µf, 370V	4-1/4	1/2	4-3/4	18	182.00
5465*	1/2	208-230/1	1075	3.0 @ 1/2 HP	REV	2	10 to 12.5µf, 370V	5-3/8	1/2	4-1/2	19	177.00

"A" = Case Length *Ball Bearing

HVAC - 5-5/8” DIAMETER

CONDENSER FAN DUTY

MASTERFIT™, 4-IN-1™



Features
- Replaces 1/3, 1/4, 1/5, 1/6 HP motors
- Energy efficient PSC design
- Mounts belly band, thru bolts, or Rheem mounting holes
- Totally enclosed air over- all position mount
- Reversible rotation
- 60°C ambient (F suffix 70°C)
- FSE6000 in Masterfit™ series, ORM54*8* 4-in-1 motors replace many Rheem OEM motors.

Applications
- A/C, Heat Pump Condenser Fans

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
FSE6000	1/3 - 1/6	208-230/1	1135	2.8	REV	1	7.5µf, 370V	4.86	1/2	6	12	113.48
ORM5458F	1/3 - 1/6	208-230/1	1075	2.1	REV	1	7.5µf, 370V	4	1/2	6-1/2	11.8	113.48
ORM5458	1/3 - 1/6	208-230/1	1075	2.1	REV	1	7.5µf, 370V	4	1/2	6-1/2	11.8	85.50
ORM5488F	1/3 - 1/8	208-230/1	825	2.1	REV	1	7.5µf, 370V	4-7/8	1/2	6-1/2	15.8	161.22

"A" = Case Length *Ball Bearing

TOTALLY ENCLOSED AIR OVER



Designed for all position mounting—shaft up, down or horizontal

Features
- 60°C rated, can be used to replace totally enclosed or open dripproof air over motors
- Extended mounting studs on both sides for ease of mounting
- Easily reversible
- 1/2" by 5" long shaft with flat
- High performance self aligning sleeve bearing with hardened steel thrust washers or ball bearing

Applications
- A/C condenser fans
- Heat pump condenser fans

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
1859	1/6	208-230/1	1075	1.0	REV	1	5µf, 370V	3.8	1/2	5	11	101.00
1860	1/4	208-230/1	1075	1.7	REV	1	5µf, 370V	4.1	1/2	5	12	105.00
1861	1/3	208-230/1	1075	2.1	REV	1	7.5µf, 370V	4.6	1/2	5	14	112.00
1862	1/2	208-230/1	1075	3.0	REV	1	10µf, 370V	5.1	1/2	6	17	124.00
1868	3/4	208-230/1	1075	4.5	REV	1	10µf, 370V	5.8	1/2	5	20	153.00
1874	1/4	208-230/1	825	2.0	REV	1	5µf, 370V	4.3	1/2	6	13	130.44
1876*	1/4	208-230/1	1075	1.7	REV	1	5µf, 370V	4.1	1/2	5	11	Call
1881*	1/3	460/1	825	1.0	REV	1	7.5µf, 370V	5.6	1/2	6	17	333.00

QUICK REFERENCE

	US Motors	A O Smith	Fasco	GE	Universal/Smith	Marathon
Condenser Fan, TEAO	1859	FSE1016S	D917	S3727	UE184	X411
	1860	FSE1026S	D909	S3728	UE176	X412
	1861	FSE1036S	D908	S3729	UE175	X413
	1862	FSE1056S	D907	S3730	UE187	X414
	1868	FSE1076S	D933	S3731	UE779	X095
	1874	FSE1028SF	D934	N/A	N/A	X450
	1876	FE1026SF	D7909	N/A	N/A	X428

"A" = Case Length *Ball Bearing

HVAC - 5-5/8” DIAMETER

CONDENSER FAN DUTY

SHAFT END ENCLOSED



Features
- PSC–single & multi speed
- Shaft end enclosed
- Shaft slinger included
- Continuous duty
- Thermal protection

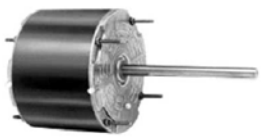
Applications
- A/C condenser fans
- Heat pump condenser fans

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D749	1/4	208-230/1	1075	1.8	REV	1	5µf, 370V	3-3/4	1/2	6-1/2	11.0	Call
D748	1/3	208-230/1	1075	2.9	REV	1	5µf, 370V	4-1/4	1/2	6-1/2	12.0	196.32
D745	1/2	208-230/1	1075	3.7	REV	1	10µf, 370V	4-3/4	1/2	6-1/2	16.5	Call
D783	1/4	208-230/1	1625	1.5	REV	1	5µf, 370V	4	1/2	6	12.0	276.56
D788	1/2	208-230/1	1625	3.9	REV	1	5µf, 370V	5	1/2	6	16.5	419.48
D789	3/4	208-230/1	1625	5.2	REV	1	7.5µf, 370V	5-1/4	1/2	6	19.0	Call
D913	1/4	460/1	1075	1.1	REV	1	5µf, 370V	4-1/4	1/2	6-3/8	13.0	Call
D912*	1/3	460/1	1075	1.1	REV	1	7.5µf, 370V	4-1/4	1/2	6-3/8	14.5	505.60
D911*	1/2	460/1	1075	1.8	REV	1	15µf, 370V	5	1/2	6-3/8	20.0	471.60
D910*	3/4	460/1	1075	2.2	REV	1	15µf, 370V	5-1/2	1/2	6-3/8	20.0	537.68
D918*	1/4-1/6	460/1	1625	1.0	REV	2	5µf, 370V	4-1/4	1/2	6-1/2	13.0	533.28
D916*	1/2-1/3	460/1	1625	1.6	REV	2	7.5µf, 370V	5-1/2	1/2	6-1/2	20.0	626.08
D1710*	1	460/1	1075	3.0	REV	1	15µf, 370V	6	1/2	6-1/2	15.0	785.56

"A" = Case Length *Ball Bearing

TOTALLY ENCLOSED AIR OVER



Features
- PSC–single speed
- Totally enclosed, air over
- Shaft-up or shaft-down mount
- Thermal protection

Applications
- A/C condenser fans
- Heat pump condenser fans
- Replaces Rheem OEM motors with 4 drilled & tapped holes in shell

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D798	1/6	208-230/1	825	1.3	REV	5µf, 370V	4-1/3	1/2	6	12	Call
D794	1/5	208-230/1	825	1.3	REV	5µf, 370V	4-1/3	1/2	6	12	Call
D919	1/8	208-230/1	1075	0.9	REV	5µf, 370V	3-3/4	1/2	6-1/2	12	227.32
D917	1/6	208-230/1	1075	1.0	REV	5µf, 370V	3-3/4	1/2	6-1/2	12	Call
D906	1/5	208-230/1	1075	1.5	REV	5µf, 370V	4	1/2	6-1/2	12	103.44
D802*	1/2	460/1	1050	0.9	REV	10µf, 370V	5-1/2	1/2	3-1/3	18	246.70

"A" = Case Length *Ball Bearing

HVAC - 5-5/8" DIAMETER

CONDENSER FAN DUTY

SHAFT END ENCLOSED, BASE MOUNTED



Features
- PSC–single speed
- Shaft end enclosed
- Base & capacitor included
- Thermal protection

Applications
- Commercial condenser fans

FASCO

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
D819*	1/2	208-230/460/1	1075	4.0/2.0	REV	7	1/2	3	20	Call

"A" = Case Length *Ball Bearing

TOTALLY ENCLOSED



Features
- PSC–single speed
- Continuous duty
- Thermal protection

Applications
- A/C condenser fans
- Heat pump condenser fans
- Commercial condenser fans

IRP International Refrigeration Products

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
2CF146B	1/4	208-230/1	1075	1.7	REV	1	5µf, 370V	4.1	1/2	5	14.0	76.20
2CF136B	1/3	208-230/1	1075	2.1	REV	1	7.5µf, 370V	4.6	1/2	5	16.0	80.92
2CF126B	1/2	208-230/1	1075	2.9	REV	1	10µf, 370V	5.1	1/2	5	19.0	94.16

TOTALLY ENCLOSED AIR OVER



Features
- PSC–single & multi speed
- Shaft-up or shaft-down mount
- Continuous duty
- Thermal protection

Applications
- A/C condenser fans
- Heat pump condenser fans
- Commercial condenser fans

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
UE182	1/10	208-230/1	1075	0.7	REV	1	5µf,-370V	3-15/16	1/2	5	8	Call
FE1008SV1	1/10	208-230/1	825	0.6	REV	1	5µf, 370V	4	1/2	6	10	Call
ORM1008	1/8	208-230/1	825	0.7	REV	1	5µf, 370V	4-3/16	1/2	4-13/16	10	Call
FSE1018S	1/6	208-230/1	825	1.1	REV	1	5µf,370V	4-3/16	1/2	6	13.0	Call
FSE1016SV1	1/6	208-230/1	1075	0.9	REV	1	5µf, 370V	3-5/16	1/2	6	10.1	Call
554	1/6	208-230/1	1075	1.0	REV	2	5µf, 370V	4	1/2	6	10.6	Call
FSE1026SV1	1/4	208-230/1	1075	1.3	REV	1	5µf, 370V	4-5/16	1/2	6	12.8	106.12
FSE1026SF	1/4	208-230/1	1075	1.3	REV	2	5µf, 370V	4-3/8	1/2	6	11.8	106.12
FE1026	1/4	208-230/1	1075	1.3	REV	2	5µf, 370V	4-3/8	1/2	6	16.0	Call
FSE1036SV1	1/3	208-230/1	1075	1.8	REV	1	7.5µf, 370V	4-7/8	1/2	6	14.3	113.08
FE1056	1/2	208-230/1	1075	2.8	REV	2	10µf, 370V	5-1/2	1/2	6	19.3	305.44
FSE1056SV1	1/2	208-230/1	1075	2.8	REV	1	10µf, 370V	5-3/8	1/2	6	19.0	125.36
FSE1076SV1	3/4	208-230/1	1075	4.2	REV	1	15µf, 370V	5-5/8	1/2	6-7/16	18.5	152.64

HVAC - 5-5/8" DIAMETER

CONDENSER FAN DUTY

TOTALLY ENCLOSED AIR OVER



Features
- PSC–single speed
- Totally enclosed–air over
- Shaft-up or shaft-down mount
- Continuous duty
- Thermal protection

Applications
- A/C condenser fans
- Heat pump condenser fans

Formerly GE genteq

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
S3728	1/4	208-230/1	1075	1.8	REV	1	5µf, 370V	4-1/4	1/2	6	11.0	Call
S3729	1/3	208-230/1	1075	2.3	REV	1	7.5µf, 370V	4-1/2	1/2	6	14.8	Call
S3730	1/2	208-230/1	1075	3.5	REV	1	10µf, 370V	5-1/4	1/2	6	18.1	Call
S3731	3/4	208-230/1	1075	4.7	REV	1	10µf, 370V	5-3/4	1/2	6	21.3	Call

"A" = Case Length

HEAT MASTER



Features
- Energy efficient PSC design
- 3-year warranty from date of manufacture date code, 2 years from the date of installation
- High-temperature UL/CSA approved overload protector
- UL/CSA approved Class F insulation
- 70°C max ambient
- Water-resistant reversing plug
- Double sealed ball bearings, or dependable all-angle sleeve bearings
- All-angle mount

or

- Mounts by belly band, adjustable extended thru bolts, or Rheem mounting holes, with screws supplied
- Lead length 36"
- 60 Hertz
- Totally enclosed, continuous duty, air over
- UL and CSA approved

Applications
- A/C condenser fans
- Heat pump condenser fans

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
FSE1016SF	1/6	208-230/1	1075	1.4	REV	1	5µf, 370V	3.99	1/2	6-1/2	10.6	Call
FSE1028SF	1/4	208-230/1	825	1.5	REV	1	5µf, 370V	4.61	1/2	6-1/2	13.9	150.66
FSE1026SF	1/4	208-230/1	1075	2.0	REV	1	5µf, 370V	4.36	1/2	6-1/2	13.0	105.58
FE1026SF*	1/4	208-230/1	1075	2.0	REV	1	5µf, 370V	4.36	1/2	6-1/2	13.0	Call
FSE1038SF	1/3	208-230/1	825	2.1	REV	1	7.5µf, 370V	5.11	1/2	6-1/2	15.0	117.62
FSE1036SF	1/3	208-230/1	1075	2.8	REV	1	7.5µf, 370V	4.86	1/2	6-1/2	15.9	112.50
FE1036SF*	1/3	208-230/1	1075	2.8	REV	1	7.5µf, 370V	4.86	1/2	6-1/2	15.9	Call
FE1038SF*	1/3	208-230/1	1075	2.1	REV	1	7.5µf, 370V	5.1	1/2	6-1/2	16	203.36
FSE1058SF	1/2	208-230/1	825	2.5	REV	1	10µf, 370V	5.61	1/2	6-1/2	17	225.74
FSE1056SF	1/2	208-230/1	1075	4.0	REV	1	10µf, 370V	5.36	1/2	6-1/2	18.0	124.72
FE1056	1/2	208-230/1	1075	4.0	REV	1	10µf, 370V	5.36	1/2	6-1/2	18.0	305.44
FSE1076SF	3/4	208-230/1	1075	5.1	REV	1	15µf, 370V	5.61	1/2	6-1/2	18.3	151.86
FE1076SF*	3/4	208-230/1	1075	5.1	REV	1	15µf, 370V	5.61	1/2	6-1/2	18.3	Call
FEH1026SF*	1/4	460/1	1075	1.0	REV	1	7.5µf, 370V	4.74	1/2	6-1/2	12.7	Call
FEH1036SF*	1/3	460/1	1075	1.3	REV	1	7.5µf, 370V	5.25	1/2	6-1/2	15.4	Call
FEH1056SF*	1/2	460/1	1075	1.5	REV	1	10µf, 370V	5.61	1/2	6-1/2	19.0	247.44
FEH1076S	3/4	460/1	1075	2.2	REV	1	10µf, 370V	6.11	1/2	6-1/2	21.1	267.16

"A" = Case Length *Ball Bearing

HVAC - 5-5/8” DIAMETER

CONDENSER FAN DUTY

FAN CANOPY



Features
- PSC and 3 phase–single speed
- “Fan Canopy” design
- Ball bearing
- Variable speed capable
- Thermal protection
- 60 Hz only

- “F” suffix indicates 70°C max ambient; FC1066A, FC3106 60°C max ambient

Applications
- Commercial condenser fans

Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	“A” (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
FC1066F*	0.6	200-230/460/1	1075	4.0/2.0	REV	7.5µf, 440V	6 15/16	1/2	3-9/16	19	Call
FC1066	0.6	200-230/460/1	1075	4.0/2.0	REV	7.5µf, 440V	6-15/16	5/8	3-9/16	18	257.10
FC3056F*	1/2	200-230/460/3	1140	3.0/1.5	REV	—	6-15/16	1/2	3-9/16	18	Call
FC3076F*	3/4	200-230/460/3	1140	4.0/2.0	REV	—	9	5/8	4-1/16	24	Call
FC1086A*	0.8	200-230/460/1	1075	4.6/2.3	REV	20µf, 370V	8-13/16	5/8	3-9/16	27	359.10
FC1086A	0.8	200-230/460/1	1075	4.6/2.3	REV	20µf, 370V	8-13/16	5/8	3-9/16	27	359.10
FC1106F*	1	208-230/460/1	1075	6.4/3.2	REV	25µf, 370V	9-9/16	5/8	4-1/16	32	458.32
FC3106F	1	200-230/460/3	1140	5.6/2.8	REV	—	9-9/16	5/8	4-1/16	31	623.88

"A" = Case Length *Ball Bearing

HVAC - 6-1/2" DIAMETER

CONDENSER FAN DUTY

6-1/2 INCH DIAMETER



Features
- PSC & 3 phase–single speed
- Shaft end enclosed
- Reversible
- Double sealed ball bearings
- Thermal protection

- Round Frame unless indicated otherwise
- 6-1/2" Diameter vertical

Applications
- Commercial condenser fans
- C series motors are 1ø, H series motors are 3ø

Part No.	HP	Voltage	RPM	Amps	Capacitor	Total Length (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
C512*	1/2	200-230/460/1	850	3.4/1.7	15µf, 370V	16.81	5/8	6	31	393.64
C661V1*	3/4	200-230/460/1	1075	3.8/1.9	15µf, 370V	16.31	5/8	6	30	401.36
C660V1*	3/4	200-230/460/1	825	5.2/2.6	15µf, 370V	17.31	5/8	6	36	Call
C662[3]*	3/4	208-230/460/1	1075	4.2/2.1	Furnished	12.75	5/8	2-3/4	32	848.34
C770V1*	1	200-230/460/1	1075	4.8/2.4	25µf, 370V	16.81	5/8	6	35	347.78
C771*	1 1/2	200-230/460/1	1075	6.6/3.3	25µf, 370V	18.06	5/8	6	44	396.66

3 Phase

Part No.	HP	Voltage	RPM	Amps	Capacitor	Total Length (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
H564*	1/2	200-230/460/3	1140	2.6/1.3	—	16.31	5/8	6	25	277.60
H567*	3/4	200-230/460/3	1140	3.0/1.5	—	16.31	5/8	6	26	364.68
H685[1, 4]*	1	200-230/460/3	1140	3.8/1.9	—	13.81	5/8	4	33	720.08
H686*	1	200-230/460/3	850	4.0/2.0	—	15.19	5/8	4-7/8	33	500.98
H667*	1	200-230/460/3	1140	5.2/2.6	—	16.81	5/8	6	32	381.34
H696[1, 5]*	1	208-230/460/3	1140	3.6/1.8	—	15.63	5/8	4-7/8	35	844.74
H767*	1-1/2	200-230/460/3	1140	6.0/3.0	—	17.31	5/8	6	33	416.12
H697*	1-1/2	208-230/460/3	1140	5.2/2.6	—	15.63	5/8	6	37	Call
H698[1]*	2	208-230/460/3	1140	6.2/3.1	—	15.63	5/8	3-1/2	44	708.32

[1]Totally enclosed [3]Cushion base [4]Rigid base [5]60/50 Hz *Ball Bearing

HVAC - 6-1/2" DIAMETER

CONDENSER FAN DUTY

JUGGERNAUT™



Features
- 3 phase–single speed
- Suitable for inverter duty
- Max ambient: 70°C
- Class F Insulation
- Removable rigid base
- Enclosed shaft end
- Voltage: 208-230/460

Applications
- Commercial condenser fans controlled by an "inverter" (VFD)

Part No.	HP	RPM	Amps	Protection	Frame	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
H1050A	1	1140	4.0-4.4/2.2	Auto	56H	5/8	6	29	328.56
H1051A	1-1/2	1140	5.8-5.8/2.9	Auto	56H	5/8	6	38	371.08
H1052*	2	1140	7.0-7.4/3.7	Auto	56H	5/8	6	45	339.72
H1053A	1	850	5.0-5.2/2.6	Auto	56H	5/8	6	45	442.98
H1054A	1-1/2	850	6.7-7.2/3.6	Auto	56H	5/8	6	45	467.64

*Ball Bearing

DEFINITE PURPOSE

OIL BURNER



Features
- Split phase–single speed
- Totally enclosed
- NEMA 2 bolt flange mount
- Reversible
- Manual reset thermal protection

Applications
- Oil burners

Part No.	HP	Voltage	RPM	Amps	Rotation	NEMA Frame	Wt./Ea. (Lbs.)	Price
EL2002V1	1/7	115/1	3450	2.5	CWOSE	48M	8	176.88
EL2014V1	1/6	115/1	1725	3.2	REV	48N	11	Call

OIL BURNER



Features
- Split phase–single speed
- Shaft end vented
- NEMA 2 bolt flange mount
- Reversible
- Manual reset thermal protection

Applications
- Oil burners

Part No.	HP	Voltage	RPM	Amps	Rotation	NEMA Frame	"A" (In.)	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
S4782	1/8	115/1	1725	2.6	REV	48N	5-5/16	1/2	1-7/8	8.6	Call
S4784	1/6	115/1	1725	3.5	REV	48N	5-9/16	1/2	1-7/8	8.9	Call
S4779	1/7	115/1	3450	2.35	REV	48M	5-1/8	1/2	1-7/8	8.8	Call

"A" = Case Length

DEFINITE PURPOSE

OIL BURNER



Features
- PSC
- Energy efficient
- Capacitor included
- NEMA 2 bolt flange mount
- Automatic thermal overload

Applications
- Oil burners

Part No.	HP	Voltage	RPM	Amps	Rotation	NEMA Frame	Wt./Ea. (Lbs.)	Price
21805U	1/7	115/1	3450	1.8	CCWSE	48M	8	80.06

PUMP MOTOR

HOT WATER CIRCULATOR PUMP



Features
- Split phase–single speed
- Open drip-proof construction
- Sleeve bearings
- Cushion ring mount with base
- Continuous duty
- Thermal protection

Applications
- Hot water circulating pumps
- Replaces Bell & Gosset #111061

Part No.	HP	Voltage	RPM	Amps	NEMA Frame	Wt./Ea. (Lbs.)	Price
UE941	1/6	115/1	1725	2.8	48Y	12.8	Call

CARBONATOR PUMP MOTOR

Features
- Slotted Shaft
- Split Phase
- 50 / 60 Cycle Rated
- Auto Overload

Applications
- Replacement for many OEM carbonator pumps

Part No.	HP	Voltage	RPM	Amps	Rotation	Shaft	Wt./Ea. (Lbs.)	Price
CB2034A	1/3	115	1725	6.2	CWSE	Slotted	14	Call

EXHAUST VENTILATOR, C-FACE



Features
- Ball bearing
- Split phase
- 56CZ frame

Applications
- Commercial and industrial fan and blower exhaust ventilators.

Part No.	HP	Voltage	RPM	Amps	Rotation	Number of Speeds	Overload Protection	Overall Length (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
F270*	1/8	115/1	1140	3.0	REV	1	Auto	11.25	5/8	2-1/4	19	Call
F271*	1/6	115/1	1140	3.6	REV	1	Auto	11.25	5/8	2-1/4	18	Call
F276*	1/3	115/1	850	8.6	REV	1	Auto	12.87	5/8	2-1/4	34	Call
C3151*	1/2	115/208-230/1	1725	7.2/3.6	REV	1	None	11.1	5/8	1-7/8	25	Call
C316-AOS1*	3/4	115/208-230/1	1725	10.6/5.3	REV	1	None	11.4	5/8	1-7/8	29	Call

[1]Start Capacitor *Ball Bearing

DEFINITE PURPOSE

FRACTIONAL SPLIT PHASE



Features
- Split phase–single & multi speed
- Open drip-proof construction
- Reversible

Applications
- Furnace blowers
- Exhaust fans
- Various belt drive applications

Century

Part No.	HP	Voltage	RPM	Amps	Number of Speeds	NEMA Frame	Service Factor	Wt./Ea. (Lbs.)	Price
GF2024	1/4	115/1	1725	4.6	1	48/56	1.35	14	109.82
UE924*	1/4	115/1	1725	5.2	2	48Z	1.00	19	Call
GF2034	1/3	115/1	1725	5.9	1	48/56	1.35	16	117.08
GF2054	1/2	115/1	1725	7.2	1	48/56	1.25	18	148.18
BF2034*	1/3	115/208-230/1	1725	6.0/3.0	1	48/56	1.35	16	Call
RB2054DV2*	1/2	115/230/1	1725	8.8/4.4	1	56	1.25	21	Call
GF2054D	1/2	115/230/1	1725	7.2/3.6	1	48/56	1.25	20	Call
F681	3/4	115/230/1	1725	10.4/5.2	1	56	1.25	28	Call

*Ball Bearing

BELT DRIVE GENERAL PURPOSE

CAPACITOR START



Features
- Capacitor start–single speed
- Open drip-proof construction
- High starting torque
- Rigid base
- Reversible

Applications
- Conveyors
- Pumps
- Air compressors
- Power Tools

Century

Part No.	HP	Voltage	RPM	Amps	Overload	NEMA Frame	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
C311*	1/2	115/230/1	1800	7.2/3.6	Manual	56	5/8	1-7/8	28	Call
C613*	1/2	115/208-230/1	1725	7.2/3.6	Auto	56	5/8	1-7/8	28	Call
C312*	3/4	115/230/1	1800	10.4/5.2	Manual	56	5/8	1-7/8	34	Call
C685*	3/4	115/208-230/1	1725	12.0/6.0	Auto	56	5/8	1-7/8	37	Call

*Ball Bearing

CAPACITOR START



Features
- Capacitor start–single speed
- Open drip-proof construction
- High starting torque
- Rigid base
- Reversible

Applications
- Conveyors
- Pumps
- Air compressors

Century

Part No.	HP	Voltage	RPM	Amps	Overload	NEMA Frame	Shaft (In.) Dia.	Shaft (In.) L	Wt./Ea. (Lbs.)	Price
V100*	1	115/208-230/1	1725	15.0/7.5	None	143T	7/8	2-1/4	35	475.84
V101*	1-1/2	115/208-230/1	1725	15.0/7.5	None	145T	7/8	2-1/4	41	544.42
V102*	2	115/208-230/1	1725	20.4/10.2	None	145T	7/8	2-1/4	43	596.96
V200*	2	115/230/1	1725	25.0/12.5	None	182T	1-1/8	2-3/4	60	Call
C218M*	3	208-230/1	1725	13.5	Manual	145T	7/8	2-1/4	45	Call
V210*	3	115/230/1	3450	32.0/16.0	None	182T	1-1/8	2-3/4	68	Call
V209*	5	230/1	1725	22.0	None	184T	1-1/8	2-3/4	84	748.00
V305*	7-1/2	230/460/1	1725	32.0/16.0	None	215T	1-3/8	3-3/8	158	1206.68
V303*	10	230/460/1	1725	38.0/19.0	None	215T	1-3/8	3-3/8	156	1661.86

*Ball Bearing

BELT DRIVE GENERAL PURPOSE

CAPACITOR START



Features
- Capacitor start–single speed
- Open drip-proof construction
- Resilient and rigid base
- Reversible
- Continuous duty
- Voltage 115/208/230

Applications
- Air handlers
- Fans
- Pumps
- Air compressors

Part No.	HP	RPM	Speeds	Amps	Base	Overload Protector	NEMA Frame	Service Factor	Wt./Ea. (Lbs.)	Price
RS1024A[1]	1/4	1725	1	5.0/2.5	Resilient	Auto	48	1.35	15	261.38
RS1035A[1]	1/3	1725	1	5.6/2.8	Resilient	Auto	48	1.35	18	393.06
C231[1]	1/3	1140	1	6.0/3.0	Resilient	None	56	1.35	28	695.58
C226*	1/3	1725	1	6.6/3.3	Resilient	None	56	1.35	22	Call
C455[1]	1/3	1725	1	6.6/3.3	Resilient	Auto	56	1.35	22	316.42
C412V1	1/2	1725	1	9.0/4.5	Resilient	Auto	56	1.25	24	Call
C607[1]	1/2	1725	1	9.0/4.5	Resilient	Auto	56	1.25	24	376.02
C608*	1/2	1725	1	9.0/4.5	Rigid	None	56	1.25	22	Call
C630*	1/2	1725	1	9.0/4.5	Rigid	Auto	56	1.25	24	Call
BF1072*	3/4	3450	1	10.0/5.0	Resilient	Auto	48	1.50	21	Call
BK1072*	3/4	3450	1	10.0/5.0	Resilient	Auto	56	1.50	21	Call
C426V1*	3/4	1725	1	11.0/5.5	Resilient	Auto	56	1.25	30	Call
C654[1]	3/4	1725	1	11.0/5.5	Resilient	Auto	56	1.25	30	464.68
C666*	3/4	1725	1	11.0/5.5	Resilient	None	56	1.25	28	370.58
C658*	3/4	1725	1	11.0/5.5	Rigid	Auto	56	1.25	32	309.02
C655*	3/4	1725	1	11.0/5.5	Rigid	None	56	1.25	25	Call
BK1102*	1	3450	1	12.6/6.3	Resilient	Auto	56	1.40	24	Call
B701[1]	1	3450	1	12.0/6.0	Resilient	Auto	56	1.25	30	504.16
C523V1*	1	1725	1	12.6/6.3	Resilient	Auto	56	1.15	31	327.96
C692[1]	1	1725	1	12.6/6.3	Resilient	Auto	56	1.25	30	502.52
C682*	1	1725	1	12.6/6.3	Rigid	Auto	56	1.25	30	Call
C621*	1-1/2	1725	1	15.0/7.5	Resilient	Auto	56	1.20	38	Call
RB1154A	1-1/2	1725	1	20.4/10.2	Resilient	Auto	56H	1.20	42	402.28
C688*	1-1/2	1725	1	15.0/7.5	Rigid	Auto	56H	1.20	39	Call
RB1204AV1	2	1725	1	19.6/9.8	Resilient	Auto	56H	1.15	42	Call
C210*	2	1725	1	26.0/13.0	Rigid	Manual	56H	1.15	32	660.40
OB1204A*	2	1725	1	26.0/13.0	Rigid	Auto	56H	1.1	41	565.82

[1]Sleeve bearing *Ball Bearing

BELT DRIVE GENERAL PURPOSE

3 PHASE

56 FRAME, RESILIENT MOUNT



Features
- 3 phase–single speed
- Open drip-proof construction
- Resilient base
- Reversible
- Continuous duty
- Voltage 200/230/460

Applications
- Air handlers
- Fans
- Pumps
- Air compressors

Century

Part No.	HP	RPM	Amps	Overload Protection	NEMA Frame	Shaft (In.)		Wt./Ea. (Lbs.)	Price
						Dia.	L		
H275V1*	1/2	1725	2.2/1.1	None	56	5/8	1-7/8	18.0	Call
H850*	1/2	1800	3.0/1.5	Auto	56	5/8	1-7/8	21.0	Call
H841V1*	3/4	3600	2.8/1.4	Auto	56	5/8	1-7/8	24.0	Call
H582V2*	3/4	1725	2.8/1.4	None	56	5/8	1-7/8	22	Call
H851V1*	3/4	1800	3.4/1.7	Auto	56	5/8	1-7/8	25.0	266.82
H842V1*	1	3600	3.6/1.8	Auto	56H	5/8	1-7/8	27.0	Call
H852*	1	1800	3.8/1.9	Auto	56H	5/8	1-7/8	26.0	Call
H843V1*	1-1/2	3450	4.6/2.3	Auto	56H	5/8	1-7/8	34.0	Call
H536*	1-1/2	1725	5.0/2.5	None	56H	5/8	1-7/8	28.0	Call
H853V1*	1-1/2	1725	5.6/2.8	Auto	56H	5/8	1-7/8	29.0	Call
H844*	2	3450	5.8/2.9	Auto	56H	5/8	1-7/8	34.0	Call
H854*	2	1725	7.0/3.5	Auto	56HZ	7/8	2-5/16	37.0	Call
H845*	3	3450	8.6/4.3	Auto	56HZ	7/8	2-5/16	37.0	388.94
H855*	3	1800	8.8/4.4	Auto	56HZ	7/8	2-5/16	42.0	382.72

*Ball Bearing

56 FRAME, RIGID BASE



Features
- 3 phase–single speed
- Open drip-proof construction (H280 TENV)
- Rigid base
- Reversible
- Continuous duty
- Voltage 200/230/460

Applications
- Air handlers
- Fans
- Pumps
- Air compressors

Century

Part No.	HP	RPM	Amps	Protection	Frame	Shaft (In.)		Wt./Ea. (Lbs.)	Price
						Dia.	L		
H273*	1/2	1800	2.2/1.1	None	56	5/8	1-7/8	18.0	Call
H280*	1/2	1200	2.0/1.0	None	56	5/8	1-7/8	26.0	Call
H581A*	3/4	1800	2.8/1.4	None	56	5/8	1-7/8	21.0	Call
H614*	1	1800	3.4/1.7	None	56H	5/8	1-7/8	24.0	Call
H882*	1	1800	3.8/1.9	Auto	56H	5/8	1-7/8	25.0	272.38
H884*	1-1/2	1800	5.6/2.8	Auto	56H	5/8	1-7/8	27.0	307.92
H181*	2	1800	6.0/3.0	None	56H	5/8	1-7/8	31.0	Call
H886*	2	1800	7.0/3.5	Auto	56HZ	7/8	2-5/16	35.0	343.46
H757*	3	3600	8.6/4.3	Auto	56HZ	7/8	2-5/16	35.0	Call
H887*	3	1800	8.8/4.4	Auto	56HZ	7/8	2-5/16	42.0	373.54
H847*	5	3600	13.2/6.6	Auto	56HZ	7/8	2-5/16	44.0	Call

*Ball Bearing

BELT DRIVE GENERAL PURPOSE

INTEGRAL HEAVY DUTY 3 PHASE

T FRAME



Features
- 3 phase–single speed
- Reversible
- Continuous duty
- Inverter duty

Applications
- Air handlers
- Fans
- Pumps
- Air compressors

Part No.	HP	Voltage	RPM	Amps	Frame	Shaft (In.) Dia.	Shaft (In.) L	Efficiency	Wt./Ea. (Lbs.)	Price
T46051*	1	200-230/460/3	1200	3.6/1.8	145T	7/8	2-1/4	80.0	51.0	Call
T46027*	1-1/2	200-230/460/3	1800	4.8/2.4	145T	7/8	2-1/4	84.0	49.0	Call
T46028*	2	200-230/460/3	1800	5.8/2.9	145T	7/8	2-1/4	84.0	51.0	Call
T46029*	3	200-230/460/3	1800	8.2/4.1	182T	1-1/8	2-3/4	87.5	84.0	Call
T46030*	5	200-230/460/3	1800	13.0/6.5	184T	1-1/8	2-3/4	87.5	101.0	Call
T57030*#	5	230/460	1800	12.8/6.4	184T	1-1/8	2-3/4	89.5	95.0	Call
T46031*	7.5	200-230/460/3	1800	19.0/9.5	213T	1-3/8	3-3/8	89.5	150.0	Call
T57031*#	7.5	230/460	1800	18.2/9.1	213T	1-3/8	3-3/8	91.7	149.0	Call
T46032*	10	200-230/460/3	1800	24.0/12.0	215T	1-3/8	3-3/8	89.5	176.0	Call
T46033*	15	200-230/460/3	1800	36.0/18.0	254T	1-5/8	4	91.0	256.0	1210.90
T46034*	20	200-230/460/3	1800	47.0/23.5	256T	1-5/8	4	91.0	273.0	1565.20

*Ball Bearing #Premium efficiency

T FRAME, OPEN DRIP PROOF



Features
- 3 phase–single speed
- Open drip-proof construction
- Reversible
- Continuous duty
- Inverter duty

Applications
- Air handlers
- Fans
- Pumps
- Air compressors

Part No.	HP	Voltage	RPM	Amps	Frame	Shaft (In.) Dia.	Shaft (In.) L	Efficiency	Service Factor	Wt./Ea. (Lbs.)	Price
E100*	1	200-230/460/3	1800	3.0/1.5	143T	7/8	2-1/4	82.5	1.15	40.0	Call
E101*	1-1/2	200-230/460/3	1800	4.2/2.1	145T	7/8	2-1/4	84.0	1.15	42.0	Call
E102*	2	200-230/460/3	1800	5.6/2.8	145T	7/8	2-1/4	84.0	1.15	42.0	367.02
E226M*	3	230/460/3	1800	8.6/4.3	182T	1-1/8	2-3/4	86.5	1.15	64.0	422.78
E227M*	5	230/460/3	1800	12.8/6.4	184T	1-1/8	2-3/4	87.5	1.15	76.0	459.02
E300M*	7.5	200-230/460/3	1800	19.4/9.7	213T	1-3/8	3-3/8	88.5	1.15	110.0	638.84
E301M*	10	200-230/460/3	1800	26.8/13.4	215T	1-3/8	3-1/2	89.5	1.15	118.0	766.10
E449V1*	15	200-230/460/3	1800	37.0/18.5	254T	1-5/8	4	91.0	1.15	164.0	1129.66
E457*	20	200-230/460/3	1800	49.6/24.8	256T	1-5/8	4	91.0	1.15	210.0	1378.54
E546*	25	200-230/460/3	1800	60.6/30.3	284T	1-7/8	4-5/8	91.7	1.15	240.0	1637.20

*Ball Bearing

BELT DRIVE GENERAL PURPOSE

SPLIT PHASE RESILIENT MOTOR

SPLIT PHASE RESILIENT BASE (CENTURY)



Features

- Resilient base motor for belt drive and blower applications
- Ideal for centrifugal pumps, blowers and fans
- Reversible; sleeve bearings
- Shaft adapter for 5/8 shaft, continuous

Part No.	HP	Volts	Amps	Rotation	No. of Speeds	Price
GF2024	1/4	115	5.4	REV	1	109.82
GF2034	1/3	115	6.8	REV	1	117.08
GF2054	1/2	115	8	REV	1	148.18

REFRIGERATION REPLACEMENTS

OEM CATALOG

REFRIGERATION

More OEM replacements are available, please contact your local branch for additional information.

AAON

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.)		Motor Mfg.	OEM Part No.	Price
										Dia.	L			
OAN1076	3/4	460/1	1075	2.6	CCWLE	12.5µf, 370V	5-5/8	6	B	1/2	4	AOS	F48F37A27, F48SP6V9, 1464	Call
OAN1076V1	3/4	460/1	1075	2.8	CCWLE	12.5µf,370V	5-5/8	7-3/8	B	1/2	2-7/8	AOS	F48K04A27	Call

COPELAND

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.)		Motor Mfg.	OEM Part No.	Price
										Dia.	L			
M00351	35W	115/1	1550	1.4	CWOSE	—	3-7/8	3-1/3	H, RB	1/4-20-Thd.	1/2	NRP	050026700	116.99
M00501	50W	115/1	1550	1.7	CWOSE	—	3-7/8	3-1/2	H, RB	3/8	1-1/2	NRP	050024401	121.10
M00503	50W	208-230/1	1550	0.85	CWOSE	—	3-7/8	3-1/2	H, RB	3/8	1-1/2	NRP	050024400	123.51
UE276	50W	230/1	1550	0.85	CCWLE	—	3-7/8	3-3/4	H, RB	5/16	2-1/2	AOS	050026400	Call
UE174	1/6	208-230/1	1625	1.0	REV	5µf, 370V	5-5/8	4	S/B	1/2	2-1/2	AOS	050024200	Call
6124E	1/4	230/1	1550	2.1	CWLE	Furnished, 5µf, 370V	5-5/8	4.06	B	1/2	3	Emerson	050023800	Call
OCP0108	1/3	208-230/1	1625	2.6	CWOSE	Furnished, 5µf, 370V	5-3/4	5-3/4	B	1/2	2-1/4	AOS	050010800 050010800	Call

HEATCRAFT

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.)		Motor Mfg.	OEM Part No.	Price
										Dia.	L			
1EM1152XB	1/15	115/1	1550	2.1	CWSE	—	3-3/8	2-7/8	S/B	5/16	3	IRP	5008S	50.02
2EM1152XB	1/15	208-230/1	1550	1.1	CWSE	—	3-3/8	3-3/8	S/B	5/16	3	IRP	5008T	52.58
UE572	1/20	115/1	1550	1.7	CWSE	—	3-3/8	3	S/B	5/16	3	AOS	5008S	Call
UE573A	1/15	208-230/1	1550	1.2	CWSE	—	3-3/8	3-1/2	S/B	5/16	3	AOS	5008T	Call
UE574	1/20	115/1	1550	1.6	CCWSE	—	3-3/8	2-3/4	S/B	5/16	2-1/2	AOS	2531194	177.76
UE575	1/20	208-230/1	1550	0.8	CCWSE	—	3-3/8	2-3/4	S/B	5/16	2-1/2	AOS	2531195	71.66
D1125	1/12	208-230/1	1550	0.4	CCWSE	Furnished	3-3/8	3-3/4	S/B	5/16	2-5/8	Fasco	7071061	209.08
9720A	1/12	208-230/1	1550	0.5	CCWSE	Furnished	3-3/8	3-5/8	S/B	5/16	2-5/8	AOS	25309101	Call
4960E*	1/3	230/1	1075	2.2	REV	Furnished 7.5µf, 370V	5-5/8	4-7/8	CB	1/2	5	Emerson	7071607	Call

HILL

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.)		Motor Mfg.	Price
										Dia.	L		
UE160	1/3	208-230/1	1625	3.0	REV	Furnished	5-5/8	4-3/4	CB	1/2	3-1/2	AOS	Call
OHR1034	1/3	208-230/1	1625	2.9	CWLE	Furnished	5-5/8	4-15/16	CB	1/2	3-1/2	AOS	Call
OHR1106*	1	208-230/1	1075	6.4	REV	15µf, 370V	5-5/8	5-7/16	CB	1/2	3-3/4	AOS	Call

REFRIGERATION REPLACEMENTS

OEM CATALOG

HUSSMAN

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
UE174	1/6	208-230/1	1625	1.0	REV	5µf, 370V	5-5/8	4	S/B	1/2	2-1/2	AOS	050024200	Call
1648E*	1/5	208-230/1	1075	2.0	CWLE	Furnished, 4µf, 370V	5-5/8	4-3/8	S/B	1/2	2-1/2	Emerson	PO1-96203	Call
OHS10206	1/5	208-230/1	1075	1.3	CCWSE	Furnished	—	4-1/8	—	1/2	3	AOS	PO1-96203	Call
D890	1/2	208-230/1	1725	2.7	CCWSE	Furnished, 5µf, 370V	5-5/8	4-1/2	S	1/2	3-1/2	Fasco	259983	Call
644E*	1/2	208-230/1	1725	2.7	CWLE	Furnished, 5µf, 370V	5-5/8	5	S	1/2	3-1/2	Emerson	259983	Call
K114	1/500	115/1	1100	0.64	CCWSE	—	—	—	S	0.181	1-3/4	Fasco	301-5734	Call

'A' = Case Length
All Motors are Single Phase Except Where Noted
*Ball Bearing

Mounting Codes:

B = Band Mount
BA = Blower Assembly (Draft Inducer)
BR = Bracket
CB = Cushion Base
CR = Cushion Rings
FX = Flex Mount
H = Hex Hubs
LM = Lug Mount
RB = Rigid Base
S = Stud Mount
S/B = Stud or Band Mount
TH = Threaded Holes in Shell
TM = Triangle Mount

More OEM replacements available; contact your nearest branch location.

KRACK

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
D1189*	1/20	115/208-230/1	1550	1.4/0.76	CWSE	—	3-3/8	3-1/8	LM	5/16	1-3/4	Fasco	11528 (115V) 11529 (230V)	286.92
9627	1/25	115/1	1550	1.5	CCWLE	—	3-3/8	3-1/4	LM	5/16	1-3/4	AOS	11528	109.62
9628	1/25	200-230/1	1550	0.9	CCWLE	—	3-3/8	3-1/2	LM	5/16	1-1/2	AOS	11529	Call
9629	1/25	115/1	1550	1.5	CCWLE	—	3-3/8	3-1/4	LM	5/16	1-3/4	AOS	11510	Call
9630	1/25	208-230/1	1550	0.7	CCWLE	—	3-3/8	3-1/4	LM	5/16	1-3/4	AOS	11511	Call
9631	1/15	115/1	1630	2.5	CWSE	—	3-3/8	3-5/8	S	5/16	1-1/2	AOS	E206444	Call
9632	1/15	208-230/1	1550	1.2	CWSE	—	3-3/8	3-5/8	S	5/16	1-1/2	AOS	E206445	65.00
9633	1/15	115/1	1640	0.8	CWSE	Furnished	3-3/8	3-5/8	S	5/16	1-1/2	AOS	E206447	166.52
9634	1/15	208-230/1	1640	0.4	CWSE	Furnished	3-3/8	3-5/8	S	5/16	1-1/2	AOS	E206448	81.53
OKR1096*	1/2	208-230/460/3	1140	1.9/0.9	REV	—	6-1/2	9-1/4	B	5/8	2	AOS	11096	Call
OKR1503*	1	200-230/460/3	850	4.0/2.0	REV	—	6-1/2	10-1/4	B	5/8	3-1/4	AOS	11503	Call

KRAMER TRENTON

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
D1152	1/20	115/1	1550	2.1	CWSE	—	3-3/8	2-7/8	S/B	5/16	2-1/3	Fasco	182.68
D1154	1/20	230/1	1550	1.0	CWSE	—	3-3/8	3-1/8	S/B	5/16	2-1/3	Fasco	199.60
UE396	1/20	208-230/1	1450	0.95	CWSE	—	3-3/8	3	S/B	5/16	2-1/2	AOS	Call
UE469	1/12	115/230/1	1050	2.7/1.3	CWSE	—	5	3-1/4	S/B	1/2	3-1/3	AOS	Call
D2862*	1/2	208-230/1	1075	4.0	REV	Furnished	5-5/8	6-1/2	CB	1/2	3	Fasco	Call
C662*	3/4	208-230/460/1	1075	4.2/2.1	REV	Furnished	6-1/2	9.5	CB	5/8	2-3/4	AOS	Call

MCQUAY

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
D1144	1/25	115	1200	1.10	CWSE	4µf, 370V	3-3/8	4-3/4	CR	5-5/8	3/8	5-3/5	Fasco	McQuay	353.52
D1142	1/15	115/230	1550	1.60/0.81	CWSE	—	3-3/8	3-3/4	S	—	5/16	2	AOS	—	256.44
D1141	1/15	115	1000	1.70	DS	4µf, 370V	3-3/8	4-3/4	CR	5-3/5	3/8	5-3/5	Fasco	—	470.88
D1140	1/10	115	1500	2.20	DS	7.5µf,	3-3/8	4-3/4	CR	5-3/5	3/8	5-3/5	Fasco	879-38256-4B-00	Call

REFRIGERATION REPLACEMENTS

OEM CATALOG

TECUMSEH

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
D475	1/15	460/1	1550	0.6	CCWSE	—	3.91	4-1/2	S	5/16	2-1/2	Fasco	810G037A47	Call
9487	1/12	230/1	1500	1.3	CCWSE	—	3.91	4-7/8	B	5/16	2-1/8	AOS	810E026A81	100.54
OTC1862*	1/4	230/1	1625	1.9	CWLE	Furnished	5-5/8	4-3/8	LM	1/2	2-3/4	AOS	810E186A82	Call
OTC1864*	1/4	460/1	1625	—	CWLE	Furnished	5-5/8	4-3/8	LM	1/2	2-3/4	AOS	810E186A83	Call

TYLER

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
S3042*	1/4	230/1	1625	1.7	CCWOSE	Furnished	5-5/8	5-1/2	CB	1/2	1-1/2	GE	Call
OTY1024	1/4	208-230/1	1625	1.9	CWSE	Furnished	5-5/8	4-5/8	—	1/2	3	AOS	Call

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Mounting Codes:

B = Band Mount
BA = Blower Assembly (Draft Inducer)
BR = Bracket
CB = Cushion Base
CR = Cushion Rings
FX = Flex Mount
H = Hex Hubs
LM = Lug Mount
RB = Rigid Base
S = Stud Mount
S/B = Stud or Band Mount
TH = Threaded Holes in Shell
TM = Triangle Mount

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HVAC REPLACEMENTS

OEM CATALOG

ACME ENGINEERING

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
UE599*	1/10	115/1	1550	3.0	CCWSE	—	5	3-3/4	S/B	1/2	2-13/20	AOS	Call

AMANA

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
A180	1/30	115/1	3400	1.8	CCW	—	3-3/8	—	BA	—	—	Fasco	Call
A129	1/20	115/1	3250	1.95	CWSE	—	3-3/8	—	BA	—	—	Fasco	Call
A160	—	115/1	3000	1.6	CWSE	—	3-3/8	—	BA	—	—	Fasco	Call

AMERICAN AIR FILTER

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
D827*	1/8	115/1	700	2.5	CCWSE	Furnished, 5µf, 370V	5-5/8	5-1/2	CB	1/2	1-1/2	Fasco	621.80
D829	1/4	115/1	825	3.8	REV	Furnished, 5µf, 370V	5-5/8	5-5/8	CB	1/2	1-1/2	Fasco	Call
D880*	1/4	115/1	1050	4.3	CCWSE	Furnished, 5µf, 370V	5-5/8	5-1/2	CB	1/2	1-1/2	Fasco	473.52
9618A	1/4	115/1	1075	3.0	CWLE	Furnished, 7.5µf, 370V	5-5/8	5	CB	1/2	1-1/2	AOS	Call

ARMSTRONG

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
66404*	—	115/1	3200	1.2	—	—	—	—	BA	—	—	Packard	Call
D825	1	230/1	1625	6.2	REV	10µf, 370V	5-5/8	6-3/4	CR	1/2	3	Fasco	Call

BROAN

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
K610	1" stack	115/1	3000	0.9	CCWSE	—	C-frame	—	S	.217	1-1/3	Fasco	Call
K612	1" stack	115/1	3000	0.8	CWSE	—	C-frame	—	S	1/4	2-2/5	Fasco	79.12
D1087	1/12	115/1	1050	2.9	CWSE	—	5	2-5/8	LM	1/2	2-1/3	Fasco	Call

OEM CATALOG

BUTLER-VENTAMATIC

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
XE404	1/15	115/1	1075	2.1	CWSE	—	5	2-1/4	B	1/2	3	Ventamatic	Call
400	1/9	115/1	1050	4.5	CWSE	—	5	2-5/8	B	1/2	3	Ventamatic	7.00
401	1/10	115/1	1050	3.4	CWSE	—	5	2-1/4	B	1/2	3	Ventamatic	7.08
XE3.4W/EARS	1/10	115/1	1050	3.4	CWSE	—	5	2-1/4	LM	1/2	3	Ventamatic	Call
9401	1/10	115/1	1050	3.4	CWSE	—	5	3-1/4	B	1/2	2-3/4	AOS	34.25

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Mounting Codes:

B = Band Mount
BA = Blower Assembly (Draft Inducer)
BR = Bracket
CB = Cushion Base
CR = Cushion Rings
FX = Flex Mount
H = Hex Hubs
LM = Lug Mount
RB = Rigid Base
S = Stud Mount
S/B = Stud or Band Mount
TH = Threaded Holes in Shell
TM = Triangle Mount

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CARRIER

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
65569*	25 MHP	115/1	3000	1.8	CWOLE	—	—	1-1/2"Stack	DI	5/16	1	1-7/8	Packard	HC21ZE117B	Call
65570*	25 MHP	115/1	3000	0.8	CWOLE	—	—	1-1/2"Stack	DI	5/16	1	1-7/8	Packard	HC24HE230	Call
UE570*	1/20	115/230/1	3000	1.8/0.9	CWSE	—	3-3/8	6	S	1/4	2-1/2	—	AOS	HC24AU600 HC24AU701	Call
UE571*	1/20	115/230/1	3000	1.8/0.9	CCWSE	—	3-3/8	6	S	1/4	2-1/2	—	AOS	HC24AU700 HC24AU710	Call
UE579	1/50	115/1	3300	1.4	CWSE	—	3-3/8	3-1/4	LM	5/16	2-1/4	—	AOS	JA1M086	Call
UE580	1/20	115/1	3300	1.8	CWSE	—	3-3/8	3-3/4	LM	5/16	2-1/8	—	AOS	JA1P053	Call
UE778*	1/16	208-230/1	3450	0.4	CWSE	Furnished	3-3/8	6	S	1/4	3-3/4	—	AOS	HC30GU208A HC30GU209A HC24AU231	Call
UE660*	1/15	230/460/1	3450	1.0/0.5	CWSE	—	3-3/8	6	S	1/4	2-1/4	—	AOS	HC24AU725A	Call
D1174	1/15	460/1	3450	0.6	CWSE	—	3-3/8	6-3/4	S	1/4	2-1/2	—	Fasco	HC24AU725	424.48
D864*	1/6	208-230/1	1040	1.3	DS	3µf, 370V	5-5/8	3-3/4	LM	1/2	2-1/8	7-1/4	Fasco	—	Call
D848	1/5	277/1	1040	1.1	DS	3µf, 370V	5-5/8	3-1/2	LM	1/2	3	7	Fasco	HC37MB730	Call
D844	1/4	230/1	1625	1.5	CWSE	4µf, 370V	5-5/8	3-1/2	LM	1/2	3	—	Fasco	HC37ME268	376.92
D843	1/4	208-230/1	1075	2.2	REV	5µf, 440V	5-5/8	4	LM	1/2	4-1/4	—	Fasco	HC39ML706 HC39ME720	Call
OCD1056*	1/2	208-230/1	1075	4.0	CWSE	7.5µf,370V	5-5/8	7-7/16	B	1/2	4	—	AOS	HC44ML200 HC44SL230	Call
OCA1056*	1/2	200-230/460/1	1050	4.6/2.3	REV	7.5µf,440V	5-5/8	6-5/16	LM	1/2	1-1/2	—	AOS	HC44VL610 HC43VL460A	382.68
OCA3076	3/4	208-230/3	1140	3.8	REV	—	5-5/8	8-3/4	B	1/2	3	—	AOS	HD46GK230	Call
OCA3076H	3/4	460/3	1140	1.9	REV	—	5-5/8	8-3/4	B	1/2	3	—	AOS	HD46GK460	Call
H978*	—	208-230/460/57 5/3	1140	5.5/2.8	REV	—	6-1/2	11-3/8	B	5/8	3-1/2	—	AOS	HD52AK652	Call
H980*	3	208-230/460/3	1725	10.6/4.8	REV	—	6-1/2	15	RB	7/8	2-1/3	—	AOS	HD60FK651	Call
H979*	5	208-230/460/3	1725	15.0/7.4	REV	—	6-1/2	16	RB	7/8	2-1/3	—	AOS	HD60FK652	Call

CHROMALOX

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
UE657	1/20	208-240/480/1	1550	0.75/0.34	CCWSE	—	4-5/16	3-3/4	S	5/16	3-1/2	AOS	Call

COLEMAN

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
UE98	1/8	115/1	1050	5.1	CWSE	—	5	4-1/4	TH	1/2	3-11/16	AOS	Call

DUNHAM BUSH

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
D1055	1/12	115/1	1375	1.4	DS	Furnished	5	3	CB	1/2	9	Fasco	Call

HVAC REPLACEMENTS

OEM CATALOG

DUNHAM BUSH

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Mounting Codes:

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CR = Cushion Rings
LM = Lug Mount
S/B = Stud or Band Mount
BA = Blower Assembly (Draft Inducer)
FX = Flex Mount
RB = Rigid Base
TH = Threaded Holes in Shell
BR = Bracket
H = Hex Hubs
S = Stud Mount
TM = Triangle Mount
CB = Cushion Base

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DUOTHERM

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
UE584	1/8	115/1	1050	4.2	CWSE	—	5	3-3/4	FX	1/2	4	AOS	3-14708	Call
UE585	1/6	115/1	1050	7.9	CWSE	—	5	4-1/4	FX	1/2	4	AOS	3-14826	Call

EVANS-ARMSTRONG

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
66404*	—	115/1	3200	1.2	—	—	—	—	BA	—	—	Packard	Call
D825	1	230/1	1625	6.2	REV	10µf, 370V	5-5/8	6-3/4	CR	1/2	3	Fasco	Call

FIRST CO

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
UE748	1/6	120	1550	3.70	DS	Furnished	5	3-1/2	CR	8	1/2	8	AOS	M25	178.08
OFC1024	1/4	208-230	1625	1.80	DS	Furnished	5	3-9/16	CR	7-3/5	1/2	7-3/5	AOS	M10	Call

GE/TRANE

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
OTR4513	1/8	230/1	1550	0.9	CWSE	Furnished	5	3-3/8	B	1/2	3	AOS	D136768P01	Call

GREENHECK FAN

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
D1061	1/20	115/1	1550	2.0	CCWSE	—	4-7/16	4-1/8	S	1/2	2-7/10	Fasco	459.84
X261	1/8	115/1	825	2.1	—	Furnished	5-5/8	5-1/2	S	1/2	2-1/2	Marathon	Call
X260	1/6	115/1	1140	2.2	—	Furnished	5-5/8	5-1/4	S	1/2	2-1/2	Marathon	Call

ICP/HEIL

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
UE776	1/50	230/1	3200	0.4	CWLE	—	3-3/8	N/A	BA	—	—	AOS	1050144	127.10
UE673	1/50	115/1	3000	1.0	CWSE	—	3-3/8	2-3/4	BA	—	—	AOS	51-21504-01	Call
UE743	1/6	208-230/1	825	1.1	CWSE	5µf, 370V	5-5/8	4-1/2	S/B	1/2	2-1/2	AOS	22191503	Call
UE690	1/6	280-230	1100	1.0	CCWSE	5µf, 370V	5	4-1/4	S/B	1/2	1-3/4	AOS	1052662	203.00
UE744	1/3	208-230	1075	2.3	CCWLE	5µf, 370V	5-5/8	4-1/2	S/B	1/2	2-3/4	AOS	22191502,243 46301	Call

HONEYWELL AIR CLEANER

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
D1054	1/12	115	1050	3.10	CWSE	—	5	2-5/8	B	1/2	2-1/2	Fasco	190386A	Call

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LM = Lug Mount
S/B = Stud or Band Mount
BA = Blower Assembly (Draft Inducer)
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S = Stud Mount
TM = Triangle Mount
CB = Cushion Base

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HVAC REPLACEMENTS

OEM CATALOG

ILG

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
D1039	1/10	115	1610	3.10	CCWSE	—	4-5/16	4-1/2	S/B	1/2	2-1/3	Fasco	78-27-611N	426.96

INTERTHERM

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
UE97	1/12	115/1	1050	4.0	CWSE	—	4-5/16	4	OEM	2-3/4	3/8	—	AOS	Call
BL6423	1/8	115/1	1050	5.0	CCWLE	—	5	4	B	3-3/4	1/2	—	AOS	Call
D871*	1	230/1	1625	6.6	DS	10µf, 370V	5-5/8	5-1/4	CB	8	1/2	6-3/4	Fasco	Call

JANITROL

Part No.	HP	Volts	RPM	Amps	Rotation	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Motor Mfg.	Price
A073	1/40	115/230	3000	0.80/0.50	CCWSE	3-3/8	—	BA	Fasco	Call

JENNAIR

Part No.	HP	Volts	RPM	Amps	Rotation	Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
UE78*	1/15	115/1	1550	2.1	CWSE	4-5/16	4-1/2	S	3/8	2-1/2	AOS	80CR	Call
UE484	1/15	115/1	1550	2.3	CCWSE	4-5/16	3	S	3/8	2-1/2	AOS	—	Call

LEAR SIEGLER

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
UE422*	1	230/1	1375	6.5	REV	7.5µf, 370V	5-5/8	5-1/4	CR	1/2	3-1/5	AOS	Call

LENNOX

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
A320	1/60	115/1	3000	0.8	CCWSE	—	—	—	BA	—	—	—	Fasco	27K6101	Call
D818	1/3	115/1	825	7.3	CWSE	12.5µf, 370V	5-5/8	6-3/4	CR	3	1/2	—	Fasco	P-8-8325	Call
8052E	1/3	230/1	825	1.9	CWSE	15µf, 370V	5-5/8	4-4/5	FX	2-1/2	1/2	—	Emerson	65G5901	Call
OLE1036A	1/3	115/1	1075	6.0	CCWLE	5µf, 370V	5-5/8	4-1/4	CR	4-1/4	1/2	—	AOS	P-8-7505,P-8-9450	Call
OLE1038	1/3	230/1	825	2.8	REV	4µf, 370V	5-5/8	5-13/16	CR	3-7/16	1/2	—	AOS	—	Call
D2814	1/2	230/1	1050	2.6	CWSE	5µf, 370V	5-5/8	5-3/4	CR	3-1/4	1/2	—	Fasco	P-8-5770	Call
UE9405	3/4	115/1	1075	10.4	CCWLE	40µf, 370V	5-5/8	5-1/4	CR	3	1/2	—	AOS	28F0101	Call
D813	3/4	230/1	1075	5.9	DS	10µf, 370V	5-5/8	6	CB	5	5/8	6-1/2	Fasco	P-8-6426	875.64
D2818	3/4	230/1	1075	5.0	REV	15µf, 370V	5-5/8	7-3/4	CR	4-1/2	5/8	—	Fasco	P-8-8711	Call
8056E	3/4	460/1	1075	2.3	CWSE	20µf, 370V	5-5/8	5-5/16	CR	2-1/2	1/2	—	Emerson	43G5201	Call
D2816	1	115/1	1075	11.8	REV	20µf, 370V	5-5/8	7-3/4	CR	4	5/8	—	Fasco	P-8-8326	Call
OLE1106	1	230/1	1075	5.0	CCWLE	20µf, 370V	5-5/8	5-7/8	B	4	5/8	—	AOS	88C7401	Call
OLE1106H	1	460/1	1075	2.9	CCWLE	15µf, 370V	5-5/8	6-1/2	B	4	5/8	—	AOS	88C7301	Call
66401	—	115/1	3000	1.3	CWLE	—	—	—	BA	—	—	—	Packard	88K8401	Call

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*Ball Bearing

Mounting Codes:

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BR = Bracket
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CR = Cushion Rings
FX = Flex Mount
H = Hex Hubs
LM = Lug Mount
RB = Rigid Base
S = Stud Mount
S/B = Stud or Band Mount
TH = Threaded Holes in Shell
TM = Triangle Mount

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LIEBERT

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
C663*	3/4	208-230/460/1	1100	4.2/2.1	CWSE	Furnished	6-1/2	9.5	CB	5/8	4-3/8	AOS	B095D	Call
2193E*	3/4	208-230/460/1	1075	4.8/2.5	CWSE	30µf, 440V	6-1/2	7.8	CB	5/8	4	Emerson	B095D	Call

HVAC REPLACEMENTS

OEM CATALOG

LOMANCO

Part No.	HP	Volts	RPM	Amps	Rotation	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
OLM6151	1/10	115/1	1550	4.4	CCWLE	5	2-7/8	LM	1/2	1-11/16	AOS	Call

MAGIC CHEF

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
OMC6517	1/5	208-230/1	1075	1.5	CCWSE	5µf, 370V	5	4-1/8	S/B	1/2	3-5/16	AOS	35035B001	Call

MID CONTINENT

Part No.	HP	Volts	RPM	Amps	Rotation	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
UE357	1/30	115/1	3000	1.1	CWSE	3-3/8	4-3/4	OEM	1/4	1-1/2	AOS	Call

MILLER

Part No.	HP	Volts	RPM	Amps	Rotation	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
OML6418	1/7	115/1	1050	4.7	CWSE	5	3-3/8	CR	1/2	3-7/16	AOS	301543	Call

NUTONE

Part No.	HP	Volts	RPM	Amps	Rotation	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
636	1/88	115/1	1320	0.6	CWSE	3-3/8	2	H	1/4	0.87	AOS	30434	14.60
UE541	1/80	115/1	3000	0.55	CWSE	3-3/8	2-1/2	H	1/4	2	AOS	16653	Call
UE509	1/70	115/1	1550	0.6	CCWSE	3-3/8	2-1/8	H	1/4	1-1/4	AOS	23405-23388	Call
UE496	1/50	115/1	2800	0.65	CWSE	3-3/8	2-1/2	B	1/4	1-1/4	AOS	26733	Call

PENN VENTILATOR

Part No.	HP	Volts	RPM	Amps	Rotation	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
D342	1/15	115/1	1050	2.3	CWSE	5	2-5/8	S	3/8	2	Fasco	312.32

REZNOR

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
D404*	1/10	208-230/1	3200	0.8	REV	Furnished	3-3/8	4-1/4	S	5/16	3-1/4	Fasco	125672	593.72
D405*	1/10	115/1	3200	0.43	REV	Furnished	3-3/8	4-1/4	S	5/16	3-1/4	Fasco	—	593.72
D461	1/8	480/1	3200	0.32	CCWSE	Furnished	3-3/8	4-1/4	S	5/16	3-1/3	Fasco	—	Call

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HVAC REPLACEMENTS

OEM CATALOG

RHEEM/RUUD

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
K628	1/200	208-230/1	3000	0.25	CWSE	—	Stack	4-5/16	BR	1/4	1-1/2	Fasco	51-21964-01	215.52
66847*	—	115/1	3000	1.71	CCWLE	—	—	1-1/2"Stack	BA	—	—	Packard	70-22838-82 70-24157-03	Call
UE673	1/50	115/1	3000	1.0	CWSE	—	3-3/8	2-3/4	BA	—	—	AOS	51-21504-01	Call
577	1/50	115/1	3000	1.0	CWLE	—	3-3/8	N/A	BA	—	—	AOS	21504-01-04	Call
A136FASCO	—	115/1	3450	0.75	CWSE	4µf, 370V	3-3/8	—	BA	—	—	Fasco	—	Call
A086	86 CFM	115/1	3200	1.3	CWSE	—	3-3/8	—	BA	—	—	Fasco	—	361.64
A090	90 CFM	115/1	3000	1.1	CWSE	—	3-3/8	—	BA	—	—	Fasco	70-21496-01	381.88
D2844	1/10	208-230/1	825	0.8	CWSE	3µf, 370V	5-5/8	3-3/4	TH (4)	1/2	4-1/5	Fasco	51-20761-11	Call
ORM1008	1/8	208-230/1	825	0.7	REV	5µf, 370V	5-5/8	4-3/16	TH (4)	1/2	4-13/16	AOS	21276-01	Call
ORM1008V1	1/8	208-230/1	825	1.4	CCWLE	5µf, 370V	5-5/8	3-7/8	TH (8)	1/2	2-5/8	AOS	51-23101-05	Call
ORM1036	1/3	208-230/1	1075	2.2	REV	7.5µf, 370V	5-5/8	4-3/8	S/B	1/2	5-1/2	AOS	51-20688-01	Call
UE796	1/3	460	1075	1.3	REV	5µf, 370V	5-5/8	4-1/2	TH (4)	1/2	4	AOS	51-21853-84	Call
D806	1/2	115/1	1075	7.3	REV	5µf, 370V	5-5/8	4-3/4	TH (8)	1/2	3-3/4	Fasco	51-23012-41	Call
UE794	3/4	115/1	1075	12.4	REV	15µf, 370V	5-5/8	6	TH (8)	1/2	5	AOS	51-23017-41	Call

SEARS/WHIRLPOOL

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
UE597	1/60	115/1	1550	0.74	CWSE	—	3-3/8	2-1/4	S/B	1-1/4	5/16	—	AOS	999765 998810	Call
D323	1/15	115/1	1550	1.1	DS	3µf, 370V	3-3/8	3-3/4	S/B	2-7/10	5/16	2-7/10	Fasco	—	316.60

SINGER

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
595	1/8	277/1	1075	0.8	REV	5µf, 370V	5	3-3/4	CR	6-1/2	1/2	—	AOS	K47HT-605	Call
WE246T	1/6	277	1075	0.9	REV	Furnished	5-5/8	4	CR	8	1/2	—	Fasco	—	Call

TRANE

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Mfg.	Part No.	Price
66787*	—	115/1	3000	1.2	CCWLE	—	—	1-3/8"-Stack	BA	—	—	—	Packard	BLW473	Call
A069	1/70	208-240/1	3000	0.5	CCWSE	—	3-3/8	—	BA	—	—	—	Fasco	—	316.48
A150	1/35	208-230/1	3480	0.5	CCWSE	—	3-3/8	—	BA	—	—	—	Fasco	C6611452P01	307.64
A130	1/25	115/1	3450	0.7	CWSE	Furnished	3-3/8	—	BA	—	—	—	Fasco	D330757P04,D342094P04	Call
UE775*	1/50	230/1	3000	0.54	CCWSE	—	3-3/8	N/A	BA	—	—	—	AOS	X38050005	Call
UE773*	1/50	115/1	3290	1.3	CCWSE	—	3-3/8	3-3/4	LM	1-1/5	5/16	1-1/10	AOS	21C138391P01	Call
UE772*	1/30	115/1	3290	1.3	CCWSE	—	3-3/8	3-3/4	LM	1-1/5	5/16	1-1/10	AOS	21C138390P01	Call
WE5666AS	1/30	115/1	1100	0.9	REV	Furnished	5	4	CB	8-1/2	1/2	—	Fasco	70500131	Call
UE372	1/25	115/1	1060	0.6	DS	Furnished	5	3-1/2	CR	11	1/2	11	AOS	—	Call
UE680	1/8	115/1	775	1.7	DS	Furnished	5-5/8	5	CB	11	1/2	11	AOS	MOT-711	Call
OTR4513	1/8	230/1	1550	0.9	CWSE	Furnished	5	3-3/8	B	3	1/2	—	AOS	D136768P01	Call

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WEIL MCLAIN

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
UE658	1/12	115/1	3170	2.3	CWSE	—	3-3/8	4-7/8	LM	5/16	1-3/4	AOS	Call

OEM CATALOG

WHALEN CO.

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
UE793	1/15	115/1	1050	1.2	REV	6µf, 370V	4-5/16	4-1/8	S/B	1/2	2-1/4	AOS	Call

WILLIAMSON

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	Mounting	Motor Mfg.	OEM Part No.	Price
A080	1/45	115/1	3000	1.1	CWSE	—	3-3/8	BA	Fasco	02-568	Call
A118	1/15	115/1	3000	1.8	CWSE	—	3-3/8	BA	Fasco	—	402.68

WOOD STOVE

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	Price
D1138	1/50	115/1	1550	0.88	CWSE	—	3-3/8+	4	S	5/16	2-1/2	Fasco	230.88
D1139	1/50	115/1	1550	0.88	CWSE	—	3-3/8	2-13/16	S	5/16	2-1/2	Fasco	Call

YORK

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor Diameter (In.)	"A" Dim. (In.)	Mounting	Shaft (In.) L	Shaft (In.) Dia.	Shaft (In.) L	Motor Mfg.	OEM Part No.	Price
UE770*	1/70	208-230/1	3000	0.5	CCWSE	—	3-3/8	N/A	BA w/switch	—	—	—	AOS	026-20224700	Call
UE771*	1/70	208-230/1	3000	0.5	CCWSE	—	3-3/8	N/A	BA no switch	—	—	—	AOS	026-22234700	Call
D1171*	1/15	460/1	3000	0.6	CCWSE	—	3-3/8	6-3/4	S	2-1/2	1/4	—	Fasco	024-24115-004	Call
OYK6518	1/5	208-230/1	1075	1.4	DS	5µf, 370V	5	3-7/8	B	6-3/8	1/2	6-5/16	AOS	024-177773	Call
OYK1056V1	1/2	208-230/1	1075	2.4	DS	7.5µf, 370V	5-5/8	4-1/2	B	9-7/10	1/2	9-7/10	AOS	024-177775	Call
A137	90 CFM	115/1	3450	0.7	CWSE	Furnished,4µf , 250V	3-3/8	—	BA	—	—	—	Fasco	02425007000	563.44
A225	1/15	115/1	3200	2.25	CWSE	—	3-3/8	—	BA	—	—	—	Fasco	02434558000	Call
A144	1/40	208-230/1	3000	0.5	CWSE	—	3-3/8	—	BA	—	—	—	Fasco	—	134.18

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OEM FACTORY MOTORS

OEM FACTORY REPLACEMENT MOTORS

INTERLINK

The following is a list of OEM factory replacement motors that are available for our major refrigeration equipment lines. In many cases the indicated factory part number will be found on the name plate. Major specifications are included for identity verification.

Part No.	Voltage	Motor HP	RPM	Shaft Diameter (In.)	Rotation	Price
2530001	115	1/20	1050	5/16	CW	Call
2530002	230/1	1/20	1050	5/16	CW	Call
25309501S	115/60/1	1/20	1550	5/16	CWSE	101.00
25309801S	208-230/60/1	1/20	1550	5/16	CWSE	94.00
25300701S	115/60/1	1/150	3000	3/16	CWSE	80.00
25300801S	208-230/60/1	1/150	3000	3/16	CWSE	Call
25301001	208/230/460/3(50-60)	1	1140	5/8	CW / CCW	Call
25301101	208/230/460/3(50-60)	1-1/2	1140	5/8	CW / CCW	Call
2530143	230/1	1	1075	5/8	CCW	Call
2530174S	208-230/460/1	3/4	Variable	1/2	CWSE	1364.00
25301901	575/3	1-1/2	850	5/8	CW / CCW	Call
25302001	575/3(60)	1-1/2	1140	5/8	CW / CCW	Call
25302201S	460/50-60/1	1/4	1075	1/2	CWSE	627.00
25302501S	208-230/60/1	1/15	1500	5/16	CWSE	Call
25302601S	120/60/1	1/15	1800	5/16	CWSE	Call
25303201S	115/50-60/1	14W	1800	1/4-20 THD	CWOSE	140.00
25303301	23050-60/1	14W	1800	1/4-20 THD	CWOSE	Call
2530355S	230V/50-60/1	1/3	1075	1/2	CCWOSE	504.00
25303801	208/230/60/1 PSC	1/3	1200	1/2	CWOSE	Call
25304601	460/1/60	1/4	1075	1/2	CWSE	Call
25305001	460/60/1	1/10	1050	1/2	CWOSE	Call
25305701S	208/230/1	1/2	850	5/8	CWSE	1097.00
25305801S	460/1/60	1/2	850	5/8	CWSE	Call
25305901	460/60/1	1/15	1550	5/16	CWSE	Call
2530688S	115/50-60/1	1/10	1075	1/2	CWOSE	Call
2530689S	230/50-60/1	1/10	1075	1/2	CWOSE	Call
25307701	115/50-60/1	1/15	1650	5/16	CWSE	Call
25307801	208-230/1/60	1/15	1660	5/16	CWSE	Call
25307901	575/3/60	1/2	1140	5/8	CC/CCW	Call
25308101	208-230/50-60/1 Spec. Low Temp	1/4	1075	1/2	CWSE	Call
25308201	115/1/60-120/1/50 PSC/TE	1/15	1300/1600	5/16	CCWOSE	Call
25308301	208-230/1/60/50 PSC/TE	1/15	1300/1600	5/16	CCWOSE	Call
25308401	460/1/60/50 PSC/TE	1/15	1300/1600	5/16	CCWOSE	Call
25308501	115/60/1-120/50/1	1/15	1400/1650	5/16	CWSE	Call
2530857	230/1	1/2	2SP	-	CWSE	746.00
25308601	230/60-220/50	1/15	1400/1650	5/16	CWSE	Call
25308701	460/1/60/50/PSC	1/15	1650	5/16	CWSE	Call
25309001S	208-230/1/50	1/3	1075	1/2	CWOSE	282.00
25309002	460/50-60/1	1/3	1075	1/2	CWOSE	368.00
25309004	208-230/50-60/1	1/3	1075	1/2	CWOSE	Call
25309101S	208-230/50-60/1	1/15	1800	5/16	CCWSE	197.00
25309501S	208-230/1	1/15	1625	5/16	CWSE	101.00
2531010	230/460/3	1	1140	5/8	CW/CCW	Call
2531191S	230/1	1/2	1075	1/2	CWSE	541.00
2531192	575/3/60	1/3	1140	1/2	CWSE	Call
2531193S	230-460	1/3	1140	1/2	CW / CCW	644.00
2531194	115	1/20	1550	5/16	CWOSE	132.00
2531195	230	1/20	1550	5/16	CWOSE	140.00
2531196	115	1/25	1550	5/16	CW	Call
2531331	115	1/4	1075	1/2	CCW	Call

Part No.	Voltage	Motor HP	RPM	Shaft Diameter (In.)	Rotation	Price
25314601S	460/50-60/1	1/3	1080	1/2	CCWSE	579.00
25316201S	208/230/60/1 PSC	1/2	540	5/8	CCWSE	653.00
25316301	208-230/460/60/3	1	830	5/8	CW/CCW	Call
25316301S	208-230/460/60/3	1	830	5/8	CW/CCW	Call
25316401	200-230/460/3	1-1/2	1140	5/8	CW/CCW	1072.00
25316401	200-230/460/3	1-1/2	1140	5/8	CW/CCW	1072.00
25316601S	200-230/460/3	1-1/2	830	5/8	CW/CCW	1054.00
25316601S	200-230/460/3	1-1/2	830	5/8	CW/CCW	1054.00
2532500	230	1/4	1075	1/2	CWSE	Call
2532501	460	1/4	1075	1/2	CCW	Call
2535915	230/430/60/3	1-1/2	1800	1	CWSE	Call
2535917	230/460/3	3	1800	1 1/8	CWSE	Call
2535918	208/460/3/60	5	1800	1-1/8	CWSE	Call
2535953	208/230/460	3	1725	1-1/8	CWSE	Call
2535994	575	1	835	-	-	Call
2535999	230/460/3	2	1200	1-1/8	CWSE	Call
2537974S	208-230/50-60/1	1/4	1075	1/2	CCW	Call
25399101	230/60/1	1/3	1075	1/2	CCWSE	735.00
4567T	208-230/50-60/1	1/4	1075	1/2	CWSE	Call
5000PS	208-230/60/1	1/4	1075	1/2	CWSE	Call
5001LS	115/60/1	1/40	1550	5/16	CWSE	Call
5001MS	208-230/60/1	1/40	1550	5/16	CWSE	Call
5001PS	460/60/1	1/4	1075	1/2	CWSE	362.00
5002LS	115/60/1	1/5	1080	1/2	CWSE	609.00
5002MS	208-230/60/1	1/6	1050	1/2	CWSE	639.00
5002PS	208-230/60/1	1/2	1075	5/8	CWSE	472.00
5003LS	115/60/1	1/15	1050	1/2	CWSE	437.00
5003MS	208-230/60/1	1/15	1050	1/2	CWSE	403.00
5003PS	460/60/1	1/2	1075	5/8	CWSE	385.00
5004PS	208-230/460/60/3	1/2	1140	5/8	CWSE	Call
5004TS	230/60/1	1	825	5/8	CWSE	Call
5005PS	208-230/60/1	3/4	1075	5/8	CWSE	474.00
5006PS	460/60/1	3/4	1075	5/8	CWSE	Call
5008N	115/50-60/1	1/15	1550	5/16	CWSE	Call
5008PS	208-230/50-60/1	1/15	1550	5/16	CWSE	251.00
5008SS	115/60/1	1/15	1550	5/16	CWSE	137.00
5008TS	208-230/60/1	1/15	1550	5/16	CWSE	137.00
5011T	208-230/460/60/3	1	850	5/8	CWSE	992.00
5012T	208-230/460/3	1	825	5/8	CWSE	Call
5013PS	208-230/50-60/1	1/8	1550	3/8	CWSE	791.00
5015TS	208-230/60/1	1/4	1075	1/2	CWSE	Call
5020SS	115/60/1	1/4	1075	1/2	CWSE	329.00
5020TS	208-230/60/1	1/4	1075	1/2	CWSE	314.00
5021SS	120/60/1	1/150	3000	3/16	CWSE	Call
5021TS	240/60/1	1/150	3000	3/16	CWSE	Call
5022T	208-230/60/1	1/8	1075	1/2	CWSE	Call
5023Q	460/60/1	1/4	1075	7/16	CWSE	903.00
5023T	208-230/60/1	1/4	1075	7/16	CWSE	Call
5024D	208-230/60/1	1/4	1075	1/2	CWSE	Call
5024E	460/60/1	1/4	1075	1/2	CWSE	Call
5024Q	460/60/1	1/8	1550	3/8	CWSE	Call
5024T	208-230/60/1	1/8	1550	3/8	CWSE	369.00
5025SS	115/60/1	1/80	1550	1/4	CWSE	Call
5026SS	115/60/1	1/40	1550	5/16	CWSE	Call
5026TS	230/60/1	1/40	1550	5/16	CWSE	Call
5030SS	115/60/1	1/150	3000	3/16	CWSE	57.00
5031SS	115/60/1	1/30	1050	3/8	CWSE	273.00
5031TS	230/60/1	1/30	1050	3/8	CWSE	Call
5032MS	230/60/1	3/4	1075	1/2	CWSE	Call

OEM FACTORY MOTORS

OEM FACTORY REPLACEMENT MOTORS

INTERLINK

Part No.	Voltage	Motor HP	RPM	Shaft Diameter (In.)	Rotation	Price
5032SS	115/60/1	1/15	1050	1/2	CWSE	268.00
5032T	208/60/1	1/15	1050	1/2	CWSE	505.00
5033SS	115/60/1	1/5	1050	1/2	CWSE	Call
5033T	208-230/60/1	1/5	1080	1/2	CWSE	Call
5034LS	115/60/1	1/20	1550	5/16	CWSE	121.00
5034MS	230/60/1	1/20	1550	5/16	CWSE	275.00
5034TS	208-230/460/60/3	1-1/2	1140	5/8	CWSE	1061.00
5035MS	208-230/60/1	1/14	1550	3/8	CWSE	Call
5036NS	115/50-60/1 PSC	1/15	1550	5/16	CWSE	161.00
5036PS	208-230/50-60/1 PSC	1/15	1550	5/16	CWSE	187.00
5036SS	115/60/1	1/15	1550	5/16	CWSE	146.00
5036TS	208-230/60/1	1/15	1550	5/16	CWSE	169.00
5037T	208-230/60/1	1/8	1075	1/2	CWSE	706.00
5042FS	115/60/1	1/30	1050	3/8	CWSE	506.00
5042GS	208-230/60/1	1/30	1050	3/8	CWSE	567.00
5916F	208/230/460/3/60	2	1800	1	CWSE	Call
5926J	208/230/460/3	3	1800	1	CWSE	Call
5931H	See 89819701	1/4	1140	1/2	CC/CCW	Call
7070056	115	1/20	1550	5/16	CCW	139.00
7070058	115	1/15	1550	5/16	CW	185.00
7070060	115	1/20	1550	5/16	CCWSE	154.00
7070106	115	1/25	1550	5/16	CW	Call
7071057	230/1	1/20	1550	5/16	CCWLE	157.00
7071058	230/1	1/15	1550	5/16	CCW	Call
7071059	230/1	1/10	1550	5/16	CW	Call
7071060	230/1	1/15	1550	5/16	CCWSE	Call
7071061	208-230/50-60/1 PSC	1/15	1400/1550	5/16	CCWSE	220.00
7071207	230/1	1/4	1075	1/2	CCW	Call
7071208S	208-230/50-60/1	1/3	1075	1/2	CWSE	509.00
7071224	460/1	1/4	1075	1/2	CCW	Call
7071225S	460/50-60/1	1/3	1075	1/2	CCWSE	470.00
7072102S	230/460/3	3/4	1140	5/8	CW/CCW	854.00
89819701	575/60/1	1/3	1100	1/2	CWSE	Call
8990011	115/1	1/150	3000	3/16	CW	58.00
8990012	230/1	1/150	3000	3/16	CW	Call

EC MOTORS FOR UNIT COOLERS

Part No.	Voltage	Motor HP	RPM	Shaft Diameter (In.)	Rotation	Price
25317701S	208-230/1/60	1/15	1625	5/16	CCW	357.00
25317501	208-230/1/60	1/4	1175	1/2	CCW	800.00
25317601S	120/1/60	1/4	1175	1/2	CCW	Call
25317701S	208-230/1/60	1/15	1625	5/16	CCW	357.00
25317801S	120/1/60	1/15	1625	5/16	CCW	357.00
25317901S	208-230/1/60	1/15	1625	5/16	CCW	357.00
25318001S	120/1/60	1/15	1525	5/16	CCW	357.00

OEM FACTORY MOTORS

OEM FACTORY REPLACEMENT MOTORS

TECUMSEH

Part No.	HP	Voltage	Hz	RPM	Shaft	Rotation	FLA	Price
810M005B43	4-Watt	115/1	50/60	1500	1/4-20-Thd	CWOSE	0.5	Call
810M006A76	6 Watt	115/1	50/60	1500	1/4-20 Thd	CWOSE	0.5	124.74
810M009A78	9 Watt	115/1	50/60	1500	1/4-20 Thd	CWOSE	0.67	Call
810M009A79	9 Watt	230/1	50/60	1500	1/4-20 Thd	CWOSE	0.36	145.90
810M035C03	35 Watt	115/1	60	1500	1/4-20 Thd	CWOSE	1.4	Call
810M035C02	35 Watt	230/1	60	1500	1/4-20 Thd	CWOSE	0.7	Call
810E037A84	1/20	230/1	50/60	1500	5/16	CWOSE	1.1	369.88
810E050A85	1/15	230/1	50/60	1500	5/16	CWOSE	1.4	404.43
810E186A82	1/4	230/1	50/60	1625	1/2	CWOSE	1.9	607.00
810E186A83	1/4	440/1	50/60	1625	1/2	CWOSE	0.95	Call
810F249B52C	1/3	460/3	50/60	1600	1/2	CWOSE	1	Call
810F050B51C	1/20	460/1	50/60	1550	5/16	CWOSE	0.6	Call
8810S050A99	1/15	230/1	50/60	1550	5/16	CWOSE	1.3	Call
810M050A62	50 Watt	230/1	50/60	1500	5/16	CWOSE	0.85	602.24
810S373B41	1/2	230/1	60	1625	1/2	CWOSE	3.4	Call

OEM FACTORY MOTORS

OEM FACTORY REPLACEMENT MOTORS

KEEPRITE

Part No.	HP	Voltage/Phase	Hz	Speed	Price
1049520	50 Watt	208-230/1	60	—	Call
1049946	35 Watt	208-230/1	60	—	Call
1049947	1/20	460/1	60	—	Call
1078377	1/3	208-230/1	60	1075	15.08
1040154	1	208-230/3	60	—	Call
1040155	1	460/3	60	—	Call
1040156	1	575/3	60	—	Call
1040346	3	208-230/3	60	—	Call
1040347	3	460/3	60	—	Call
1045033	3/4	208-230/3	60	—	Call
1045034	3/4	460/3	60	—	Call
1045035	3/4	575/3	60	—	Call
1083627	3/4	230/460/1	60	1075	753.00
1043526-002	—	208-230/1	60	—	Call
170620	1/20	115/1	60	—	Call
170621	1/20	115/1	60	—	Call
1062533	1/20	115/1	60	—	Call
1062541	1/15	115/1	60	—	Call
1062542	1/15	208-230/1	60	—	Call
1042141	—	460/1	60	—	Call
1043296-001	1	208-230/1	60	1140	Call
1043297-001	1-1/4	208-230/3	60	1140	Call
1043298-001	1-1/4	460/3	60	1140	Call
1043299-001	1-1/4	575/3	60	1140	Call
1047778	1/12	115/1	50/60	—	122.00
1047779	1/12	200-230/1	50/60	—	126.00
1073403001	—	115/1	60	1050	Call
1073405-001	1/15	208-230/1	60	1050	Call
160363	1/40	115/1	60	1050	Call
1048725-001	—	208-230/1	60	850	Call
1089453-001	—	575/3	60	850	Call
1061966	1/40	230/1	—	1050	Call
1073405-001	1/15	208-230/1	60	—	Call
1093412-001	—	230/3	60	850	779.52
1093413	—	460/3	60	850	Call
1093410-001	1/2	230/3	60	550	Call
1093411-001	1/2	460/3	60	550	Call
1089451-001	1/2	575/3	60	550	Call

(Call) Please contact your local Aireco branch for pricing.

ACCESSORIES

MOTOR ACCESSORIES

MOTOR BASE



Part No.	Ring Mounting (In.)	Shaft Height (In.)	Price
UE1207	4.687	2-11/16	Call
UE2090	5.437	2-11/16	Call
UE2061	3.917	3	Call
UE1422	4.417	3	Call
UE1212	4.667	3	Call
UE1226	4.917	3	Call
UE1292	5.167	3	Call
UE1340	5.666	3	Call
UE2062	3.917	3-1/2	Call
UE1209	4.167	3-1/2	Call
UE2044	4.417	3-1/2	Call
UE1347	5.167	3-1/2	Call

MOTOR BASE

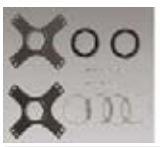
Part No.	Ring Mounting (In.)	Shaft Height (In.)	Price
30386	3.86	3	4.12
30435	4.35	3	27.94
30492	4.92	3	Call
30542	5.42	3	22.64
30705	7.05	3	14.22
35386	3.86	3-1/2	Call
35417	4.17	3-1/2	Call
35435	4.35	3-1/2	Call
35492	4.92	3-1/2	Call
35517	5.17	3-1/2	Call
35542	5.42	3-1/2	Call
35705	7.05	3-1/2	1502.00

BASE MOUNTING PARTS



Part No.	Description	Price
UE1220	Cushion Ring, 2-1/4" OD, Steel Band (pkg 2)	Call
UE1182	Cushion Ring, 2-1/2" OD, Steel Band (pkg 2)	Call
UE1219	Cushion Ring, 2-1/2" OD, Rubber (pkg 2)	Call
UE1180	2 pc base mounting clip, screws/nuts (pkg 2)	15.88
UE1181	Spring steel base mounting clip, (pkg 2)	Call

LENGTH ADAPTER



Includes two brackets, 2 rubber rings, 4 adapter rings, 8-32/10-32 nuts

Part No.	Description	Price
UE1329	Length Adapter Kit, 5-5/8" Motors	Call

LENGTH ADAPTER



Part No.	Description	Price
KIT200	Ring/Length Adapter, 4.4 and 5.6" Motors	32.68
KIT199	Ring/Length Adapter, 5" Motors	Call

SHAFT BUSHING



Part No.	Description	Price
UE1231	1/4" ID x 5/16" OD	Call
UE1300	1/4" ID x 3/8" OD	Call
UE1302	5/16" ID x 3/8" OD	Call
UE1304	5/16" ID x 1/2" OD	28.50
UE1306	3/8" ID x 1/2" OD	Call
UE1307	Split w 3/16 Key, 1/2" ID x 5/8" OD	Call
UE1483	5/8" ID x 3/4" OD	Call
UE1487	1/2" ID x 5/8" OD	Call
UE1488	1/4-20 thread x 1/4" OD	Call

SHAFT BUSHING

Part No.	Description	Price
KIT240	1/4" ID x 5/16" OD	33.12
KIT242	3/8" ID x 1/2" OD	33.12
KIT244	5/16" ID x 3/8" OD	17.52
KIT246	1/2" ID x 5/8" OD	36.00

RING MOUNTING BRACKET



Brackets come with mounting rubbers and screws. For use on large direct drive blowers

Part No.	Description	Price
UE1386	5" Motor, Bolt Circle 9"	Call
UE1479	5-5/8" Motor, Bolt Circle 10"	Call
UE1495	5-5/8" Motor, Bolt Circle 11"	Call

LUG MOUNTING BRACKET



. UE1410 lugs have both a 3/4" hole for a large mounting rubber (UE1381) and a 1/4" slot for direct mounting.

Part No.	Description	Price
UE1223	5-5/8" Motor, Bolt Circle 6-7/8"–8-1/8"	Call
UE1410	5-5/8" Motor, Bolt Circle 6-3/8"–7-5/8", 3/4" Bolt	Call
UE1364	5-5/8" Motor, Bolt Circle 8-1/8"–12-1/8"	Call
UE1320	5" Motor, Bolt Circle 6-5/16"–7-9/16"	Call
UE1366	5" Motor, Bolt Circle 7-9/16"–11-9/16"	Call
UE1377	4-5/16" Motor, Bolt Circle 5-1/2"–6-3/4"	Call
UE1379	3-3/8" Motor, Bolt Circle 4-5/8"–5-7/8"	Call

ACCESSORIES

MOTOR ACCESSORIES

MOUNTING BRACKET & ADAPTERS



Part No.	Description	Price
FM50	Torsion Flex Bracket 10.18", 5" Motor	39.12
FM554	Mounting Bracket, 4 Wings Evenly Spaced, 9 or 10", 5-5/8" Motor	Call
H33	Nu-Tone Mounting Kit, 3-3/8" Motors	24.04
KIT216	End plate, base mount for 3-3/8" Motors	Call
KIT225	Triangular Bracket for 3-3/8" Motors	20.96
KIT265	Blower Housing Mounting Cup, 3-3/8" Motor	Call
KIT380	Rheem Adapter Plate	26.52
KIT142	Conduit Box, 3-3/8" Motor	31.76
KIT144	Conduit Box, 4.4, 5, 5.6" Motor	31.76
KIT832	8-32 Hex Nuts for Thru-Bolts; Pkg 32	11.84

MOUNTING BRACKET

Part No.	Description	Price
BM55	Torsion Flex Bracket, 10.18", 5-5/8" Motor	Call

MOUNTING RUBBER

Part No.	Description	Price
UE1381	Mounting Rubber, for 3/4" Slot (pkg of 3)	Call
UE1376	Mounting Rubber, for 1/2" Slot (pkg of 6)	14.80

ADAPTER BASE



Part No.	Description	Price
31623901	Adapter Plate, from 182T & 184T to 213 & 215	Call
31623902	Adapter Plate, from 213T & 215T to 254 & 256	Call

RHEEM PLATE



Used to replace mounting cables in RHEEM condensers. Same as FASCO KIT380

Part No.	Description	Price
UE2098	Rheem Butt Plate Kit	25.02

RHEEM FLEX MOUNTING BRACKET



Part No.	Description	Price
A61698K	Rheem flex mounting kit, 4 brackets	Call

THRU BOLT



Thru-bolt kits include 12 nuts and lock washers of the indicated size

Part No.	Description	Price
UE1639	7" bolts, 8-32 thread (pkg of 4)	Call
UE1640	7" bolts, 10-32 thread (pkg of 4)	Call
UE1618	Nuts and lockwashers, 8-32 thread (pkg of 16 sets)	Call
UE1619	Nuts and lockwashers, 10-32 thread (pkg of 16 sets)	Call

CAPACITOR BRACKET



Part No.	Description	Price
UE1482	Capacitor bracket with rubber boot	Call
UE1230	Capacitor bracket assembly	Call

RAINSHIELD



Part No.	Bore (In.)	Diameter (In.)	Price
RS145	1/2	6.88	3.42
RS146	5/8	6.88	3.42

RAINSHIELD, DISHED



Part No.	Bore (In.)	Diameter (In.)	Price
UE1411	1/2	7	Call

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After Hours Emergency Number:

(800) 277 - 6768

TOOLS & SERVICE

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INSTRUMENTS

ELECTRICAL TESTER

MULTIMETER, 170 SERIES



The 170 Series has overvoltage protection to guard against voltage transients. A tapered design and large screen with extra-large digits that makes it easy to read.

- Lifetime warranty
- Rugged over molded case
- IEC standards: CAT III 1000V, CAT IV 600V

FLUKE

Part No.	Comments	Price
FLUKE177	1000V Max., 32 mA	329.99
FLUKE179*	Capacitance, Frequency, True RMS	349.99

*Includes premium test lead set

MULTIMETER, 80 SERIES



Fluke's 80 Series DMMs provide 11 functions for electronic and industrial applications, including high performance DC/AC voltage and current measurement, frequency, duty cycle, resistance, conductance, continuity, diode test, and capacitance measurement.

- Peak min./max. recording mode
- IEC standards: CAT III 1000V, CAT IV 600V

FLUKE

Part No.	Comments	Price
FLUKE83-5	Multimeter	Call
FLUKE-87-5	True RMS, High Resolution	429.99

DIGITAL MULTIMETER, 110 SERIES



Designed to support first level electrical and electronic troubleshooting. All meters offer ac and dc volts, ohms, capacitance diode test, continuity beeper, digital display, auto ranging, and sleep mode.

- Protected to Category III 600V with transient overvoltage protection to 6 Kv
- Three year warranty

FLUKE

Part No.	Comments	Price
FLUKE116	Multimeter, Temperature, µA	179.99

DIGITAL MULTIMETER, WIRELESS



- Removable display gives the user ultimate flexibility in unusual measurement scenarios
- Can be used in areas where the operator can't be close to the active measurement point
- True-rms ac voltage and current for accurate measurements on non-linear signals
- Built in thermometer conveniently allows you to take temperature readings
- Resistance, continuity and diode test
- Wireless technology allows the display to be carried up to 33 ft away from the point of measurement
- Radio transmitter automatically turns off when the display is connected to the meter
- Battery life approximately 400 hours
- IEC standards: CAT IV 600V, CAT III 1000V

FLUKE

Part No.	Comments	Price
FLUKE233	Capacitance, Frequency, Temperature, True RMS	349.99

HVAC COMBO KIT



Kit includes:

- Fluke 116 Multimeter with Temperature
- Fluke 322 Compact Clamp Meter
- Fluke TL75 Hard Point Test Lead Set
- ToolPak Magnetic Meter Hanging Strap
- C115 Deluxe carrying case with shoulder strap
- 80PK-11 Velcro Pipe clamp Thermocouple
- Fluke 80AK thermocouple adapter
- 80PK-1 thermocouple bead probe

FLUKE

Part No.	Comments	Price
FLUKE-116/323KIT	Fluke HVAC Combo Kit	279.99

DIGITAL CLAMP MULTIMETER



- Display hold
- Auto shut-off
- 320 Series: Two year warranty
- 330, 370 Series: Three year warranty
- IEC standards: CAT III 600V

FLUKE

Part No.	Comments	Price
FLUKE323	AC Volts/Amps, Ohms	129.99
FLUKE324	Ac Amps, AC/DC, Volts, Temp	199.99
FLUKE325	Ac Amps, AC/DC, Volts, Temp	299.99
FLUKE365	AC/DC Amps, Volts, Ohms, Removable Clamp	Call
FLUKE373	AC Amps, AC/DC Volts, Ohms, Capacitance	249.99
FLUKE374	AC/DC Amps, Volts, Ohms, Capacitance, iFlex Compatible	Call
FLUKE-375FC	AC/DC Amps, Volts, Ohms, Capacitance, Frequency, iFlex Compatible	399.99
FLUKE-376FC	AC/DC Amps, Volts, Ohms, Capacitance, Frequency, with iFlex	449.99
FLUKE381	AC/DC Amps, Volts, Ohms, Capacitance, Remote Read, with iFlex	Call

DIGITAL CLAMP MULTIMETER

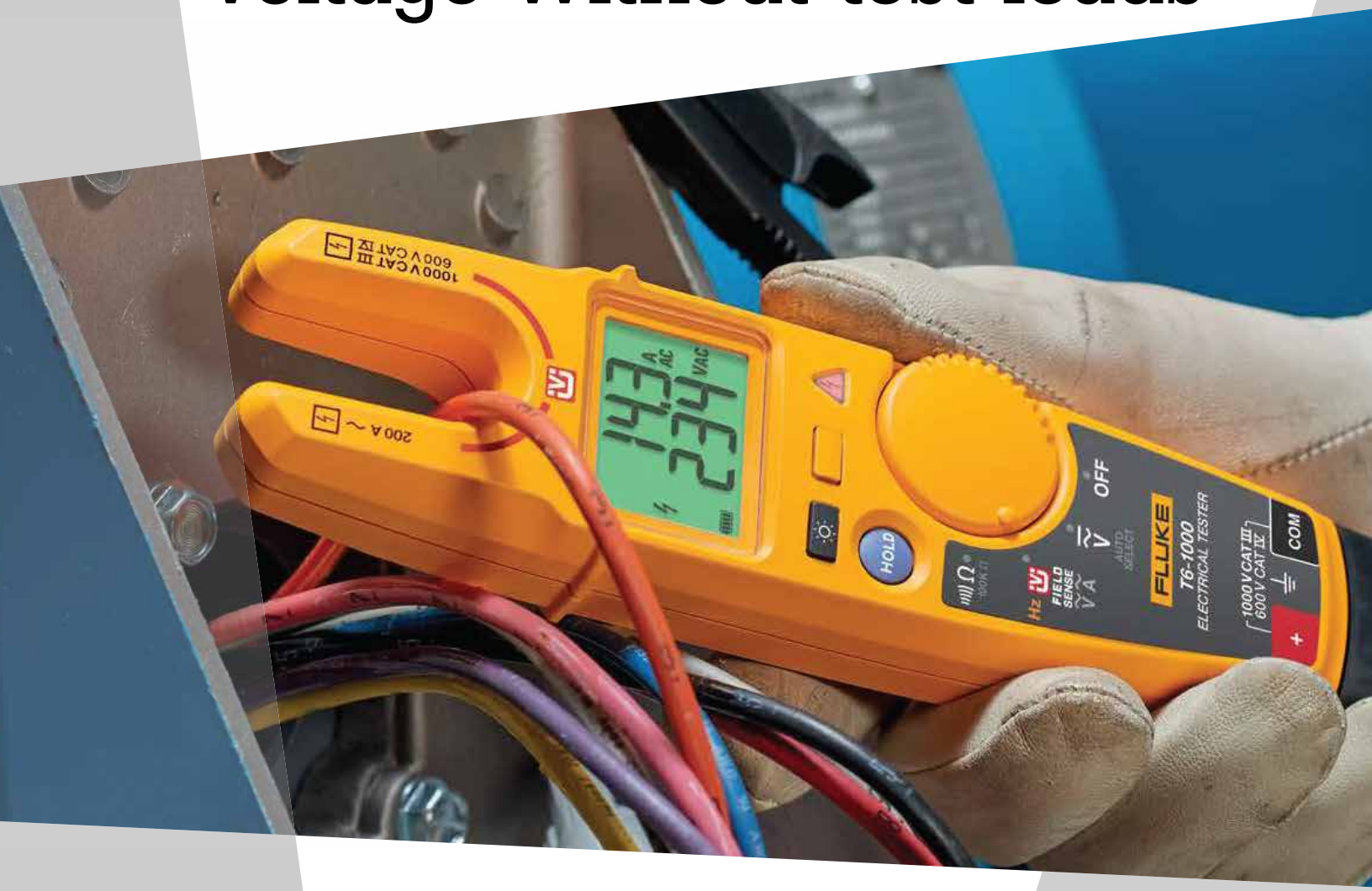


- Capture flue gas temperatures
- Conduct flame rod testing
- Measure start and run motor capacitors
- Measure supply side current and voltage as well as load side current and voltage
- Measure current and voltage phase balance on 3 phase systems
- Measure performance of variable frequency drives
- Three year warranty
- IEC standards: CAT III 600V

FLUKE

Part No.	Comments	Price
FLUKE-902FC	True RMS, µA, Temp.	299.99

~~You can't~~ measure voltage without test leads



The NEW Fluke T6-1000 Electrical Tester

Now measure voltage the same way you measure current, without test lead contact to live voltage. FieldSense technology lets you slide the open fork over a conductor and see the voltage level.[1]

BE SAFER Measure voltage to 1000 V ac through the open fork, without test leads.

BE FASTER No need to open covers or remove wire nuts.

BE MORE EFFICIENT Simultaneously measure voltage and current.

BE EVERYWHERE 17.8 mm open fork is widest in the industry; measure up to 200 A on 4/0 wires (120 mm^2)

Requires capacitive path to ground, provided through user in most applications. Ground connection via test lead may be required in some situations.



Also available T6-600:



FLUKE

For more information visit your local Aireco branch

Aireco
WWW.AIRECO.COM

INSTRUMENTS

ELECTRICAL TESTER

DIGITAL MULTIMETER



- Temperature measurement Capability to 1000 °C/1832 °F (Type K thermocouple included)
- Data Hold freezes display
- Magne-Grip™ holster
- Triple safety ratings
- Capacitance for motor run/start test

AMPROBE

Part No.	Voltage Range	Type	Price
AM-520	600V	LCD	69.95
35XP-A	1000 V	LCD	124.95
ACD-21SW	600V	Swivel Clamp	149.95
ACD-14PLUS	600V	Dual Display Swivel Clamp	149.95

CURRENT CLAMP ADAPTER



- Meter output: 1 mA/Amp
- Use I200 on Fluke 20 Series meters, Fluke 73
- I400 and 80I600 on Fluke 20 Series, 70 (except 70), 80 Series
- IEC standards: CAT III 600V, CAT IV 600V (I400 only)

FLUKE

Part No.	Range (Amp)	Max. Conductor (In.)	Description	Price
I200	.5 to 240	0.79	AC Clamp Adapter	Call
I400	.1 to 400	1.18	AC Clamp Adapter	159.99

POCKET MULTIMETER



Check voltage, continuity, and current with one compact tool.

- Checks to 100A, 1000Ω
- IEC standards: CAT III 1000V (T3US and T51000USA)
- IEC standards: CAT IV 600V (T5600USA)

FLUKE

Part No.	Comments	Description	Price
T6600USA	0–600V	Voltage, Current, Continuity Tester	Call
T61000USA	0–1000V	Voltage, Current, Continuity Tester	Call

INSULATION



- Specifically designed as an inexpensive alternative to costly taut band (swing needle) megohmmeters. Will accurately measure insulation values up to 1000 megohms at 500 Vac and also indicate the condition of insulation on the zone scale.
- Batteries: (2) "C" size 1.5 volt (not included)

Supco

Part No.	Description	Price
M500	Electronic Megohmmeter	169.90

AC VOLTAGE TESTER



- Detects voltage without metal contact
- Category IV safety rating
- 2 year manufacturer's warranty

FLUKE

Part No.	Range (Vac)	Price
FLUKE1LACAII	24 to 90	29.99
LVD1	40 to 300	29.99
LVD2	90 to 600	Call
FLUKE1ACA1II	90 to 1000	29.99

AC VOLTAGE TESTER



- 3 forms of AC/DC voltage detection: light, sound and vibration
- Detects line voltage even when the battery is dead
- Bright LED flashlight for work in poorly lit areas
- Backlit LCD display for easier viewing
- GFCI trip
- Displays resolution of 0.1 V
- Resistance to 9.99 kΩ
- AC voltage accuracy: ± (3% rdg + 2 digits)
- DC voltage accuracy: ± (2% rdg + 2 digits)
- Resistance accuracy: ± (5% rdg + 3 digits)
- 2 year warranty
- CAT IV 600 V, CAT III 1000 V

FLUKE

Part No.	Voltage	Price
T+PRO	AC/DC: 12 to 600 on LED bar, 10.2 to 600 on LCD	Call

POWER ANALYZER



Performs the measurements you need to maintain power systems, and troubleshoot power problems and equipment failures.

- Combines the most useful capabilities of a power quality analyzer, multimeter, and scope
- Calculates 3-phase power on balanced loads, from a single phase measurement
- Measures power harmonics and captures voltage sags, transients, and inrush current
- Toggle through the most commonly used power quality modes with a single keystroke
- Records 2 selectable parameters for up to 16 days
- 20 measurement memories to save/recall screens and data with cursor readings
- FlukeView Software can log harmonics and all other readings over time
- FlukeView Software provides a complete harmonics profile up to the 51st harmonic
- Measures resistance, diode voltage drop, continuity, and capacitance
- Users/applications manual and power quality video to help answer tough questions
- Complete package with voltage probes and 500A current clamp, FlukeView Software, and optically isolated interface cable
- 3 year warranty on the Fluke 43B, 1 year on accessories

FLUKE

Part No.	Description	Price
FLUKE43B/003	Power Analyzer	Call

INSTRUMENTS

ELECTRICAL TESTER

CAPACITOR



- Measures the capacitance value on start and run capacitors from .01 to 10,000 MFD
- Checks for open and shorted capacitors– tells when capacitors are weak
- Use as a continuity tester
- Identifies unmarked capacitors
- Batteries required: (4) AA 1.5 Vac (not included)

Supco

Part No.	Description	Price
MFD10	Capacitor Tester	89.98

ELECTRICAL TESTER ACCESSORIES

SUREGRIP™ PROBES



- New design makes clips, hooks, probes more versatile
- Improved ergonomic design
- Superior gripping surface made from thermoplastic rubber
- Rated 1000V CAT III, 600V CAT IV, 10A

FLUKE

Part No.	Description	Price
AC220	Alligator Probe Clip, Pair	45.99
AC285	Alligator Clip, Pair	25.99

ALLIGATOR CLIP



- Touch hold mode
- IEC standards: CAT III 1000V, CAT IV 600V

FLUKE

Part No.	Comment	Description	Price
AC175	1 Red, 1 Black	1000V, 10A Insulated Clip	30.99

SUREGRIP™ LEADS



- New design makes clips, hooks, probes more versatile
- Improved ergonomic design
- Superior gripping surface made from thermoplastic rubber
- Rated 1000V CAT III, 600V CAT IV, 10A

FLUKE

Part No.	Description	Price
TL220	Set AC220, TP220, TL222, Pair Each	81.99
TL223	Set AC220, TP1, TL224, Pair Each	81.99
TL221	Test Lead Extension Straight Both Ends, 1.5 Meters, Pair	Call
TL222	Test Lead Extension, 90° Both Ends, 1.5 Meters, Pair	31.99
TL224	Test Lead Extension, Straight x 90°, 1.5 Meters, Pair	31.99
TP220	Probe Ends	20.99

TEST LEADS



- IEC standards: CAT III 1000V, 10A, CAT IV 600V, 10A

FLUKE

Part No.	Comment	Usage	Description	Price
TL40	Adjustable Tip Lengh: 0 to 76 mm	320 and 330 Series	Retractable Tip Test Lead, Pair	Call
TL71	Recommended for µV Measurements	Fluke DMMs	Premium Test Lead Set	21.33
TL175	PVC Insulated, 1500V, 48"	Fluke DMMs	Test Lead Set	34.99
TP1	—	T5600	Test Probe, Pair	20.99

TEST CLIP



- IEC standards: CAT III 1000V, 5A, CAT IV 600V, 5A

FLUKE

Part No.	Comment	Description	Price
AC89	Single Probe	Insulation Piercing Test Clip	45.99

FUSE



FLUKE

Part No.	Usage	Description	Price
871173	21, 23-II; 75, 77-II; 21, 73, 75-III	Fuse, 630 mA, 250V, Pkg 5	10.30
871202	25, 27, 8060A, 8062A	Fuse, 3A, 600V, Pkg. 5	Call
871207	83, 85, 87 <s/n 65650001	Fuse 1A, 600V, Pkg. 5	16.20
FUSE2A	8060A, 8062A	Fuse, 2A, 250V, Pkg. 5	Call
871223	83, 85, 87 <s/n 65650001	Fuse, 15A, 600V, Pkg. 5	Call
943121	23, 26, 77, 79-III; 83, 85, 87-III; 867BE	Fuse, .44A, 1000V, Pkg. 1	7.00

TOOLPAK™



- Kit includes: 9 inch hook and loop strap, universal hanger clip, hook hanger for non magnetic surfaces and a strong magnet.
- Solves almost any hanging and positioning problem
- The universal hanger allows you to hang your meter on nails, hooks and many other objects.
- Compatible with many Fluke instruments.

FLUKE

Part No.	Description	Price
TPAK	Meter Hanging Kit	45.99

INSTRUMENTS

ELECTRICAL TESTER ACCESSORIES

CASE



Part No.	Usage	Description	Price
C23	61, 65 & 320 Series	Soft, Zippered Vinyl, Belt Loop, Inner Pocket	9.70
FC25	20, 50, 70, 80 Series in Holsters	Soft, Zippered Vinyl	41.99
C50	20, 50, 70 Series Without Holsters	Soft Case	40.99
C20	Fluke 25, 27	Heavy Duty	21.56
C100	Any DMM except 10, 50 Series	Large Hard Case	60.99
C101	All Fluke Industrial Test Tools	Deluxe Hard Case, w/ Diced Foam Interior	71.99
C115	20, 70, 11X, 170 Series	Soft Case, w/ Shoulder Strap	Call
H3	Fluke 330 Series	Holster	35.99
H5	T3, T5 Testers	Holster w/ Flap for Lead Storage & Built-In Belt Loop	6.86

PRESSURE MODULE

PRESSURE/VACUUM MODULE



- Digital pressure and vacuum measurements in a single module
- Measures HVAC/R, hydraulic and pneumatic pressures to 500 psig
- Measures to 29.9" Hg
- Compatible with most popular DMMs

Part No.	Description	Price
PV350	Pressure & Vacuum Module	Call

DIGITAL VACUUM GAUGE, 712-202-G1



- Read vacuum microns over a wide temperature range
- Leak-proof testing
- Flexible Metal Hose
- Various power connections
- Infrared technology
- Use with most refrigerants

Part No.	Microns Range	Price
712-202-G1	0-12,000	Call

DIGITAL VACUUM GAUGE, DV22N



- Read vacuum microns over a wide temp. range
- Leak-proof testing
- Flexible Metal Hose
- Various power connections
- Infrared technology
- Use with most refrigerants

Part No.	Microns Range	Price
DV22N	25-12,000	208.33

DIGITAL VACUUM GAUGE, VG200



- Read vacuum microns over a wide temp. range
- Leak-proof testing
- Flexible Metal Hose
- Various power connections
- Infrared technology
- Use with most refrigerants

Part No.	Microns Range	Price
VG200	25-100,001	194.39

DIGITAL VACUUM GAUGE, VG60



- Read vacuum microns over a wide temperature range
- Leak-proof testing
- Flexible Metal Hose
- Various power connections
- Infrared technology
- Use with most refrigerants

Part No.	Microns Range	Price
VG60	50-5,000	167.90

TEMPERATURE TESTER

MULTIZONE



For applications where multiple temp. measurements need to be taken simultaneously.

- Min/max memory
- Auto shut-off
- Sealed keypad
- Includes 1075 general purpose and 4010 aluminum surface probe
- Range: -40° to 300°F
- Accuracy: ±0.3°F or 0.5% of reading
- Resolution: 0.1°F

Part No.	Description	Price
SH66A-E	3 Zone	385.50

INSTRUMENTS

TEMPERATURE TESTER

INFRARED



Measure modes include maximum, °C/F (Selectable). IRT201, IRT11 add MIN, and Lock. IRT201 Premium features include Average, △(max-min), hi/low alarm, probe detection, optional K- thermocouple probe. Both IRT91 & IRT201 feature a bright large amber back-lit LCD display and automatic data hold

- Measurement Range (1 second response time)
  IRT91: -58 to 752°F. (-50 to 400°C.)
  IRT201: -76 to 1400°F. (-60 to 760°C.) , -83.2 to 1999° F
  (-64 to 1400°C) with optional K-Thermocouple
  IRT11: -67 to 428°F (-55 to 220°C)
- Emissivity
  IRT91: fixed 0.95
  IRT201,IRT11: 0.05 to 1.0/0.01 steps, adjustable
- Power
  IRT91, IRT201:Two "AAA" batteries (included)
  IRT11: Battery (CR2032) included
- Dimensions
  IRT91, IRT201: 6.9" x 1.53" x 2.83"
  IRT11: 3.0" x 1.9" x 1.0"

IRP International Refrigeration Products

Part No.	Temperature Range (°F)	D:S Ratio	Price
LIT11TC	-25 to 950	12:1	99.90
IRT301	-4 to 500	30:1	Call

DIGITAL THERMOMETER



- Measure K, J, T, E (52&54), N, R, S (54 only) thermocouples
- Range: J (-346°F to 2192°F), K (-328°F to 2501°F)
- Accuracy (above -148°F): ±(0.05%+.5°F)
- Three year warranty
- Time stamp: relative (52), time of day (54); Min/Max/Average
- Differential readout (T1-T2), dual inputs
- Internal data logging (500 points), IR data port (54 only)

FLUKE.

Part No.	Comments	Price
FLUKE52-2	Dual Input	355.99
FLUKE54-2	Dual Input, Log, IR	Call

DUAL TEMPERATURE METER



Features:

- Compatible with K and J type thermocouples
- Dual temperature for easy Super-Heat and Sub-Cool calculations
- Selectable °F or °C
- Min/Max recording
- Data Hold function to retain reading on the screen for later viewing

AMPROBE

Part No.	Description	Price
TMD-10	Dual Temperature Portable Thermometer	129.95

INFRARED AND CONTACT THERMOMETER



FLUKE561:

- Velcro® pipe probe for superheat and sub-cooling and other contact and ambient measurements
- MIN, MAX and DIF functions help you quickly identify problems
- Response time: 500 mSec (95% of reading)
- Emissivity: adjustable with 3 settings, low (0.3), medium (0.7), high (0.95)
- Power: 2 AA batteries (alkaline or NiCD), included

FLUKE568:

- Measure a wide variety of surfaces with the adjustable emissivity feature, including a built-in material table
- Easily trend and analyze data with included FlukeView® Forms software Two-in-one infrared and contact thermometers with an innovative dot matrix display.
- See your data right away without leaving the site, using the USB and your laptop for "Hands-free" datalogging
- Response time: <500 mSec
- Emissivity: by built-in table of common materials or digitally adjustable from 0.10 to 1.00 by 0.01
- Power: 2 AA/LR6 batteries included

FLUKE.

Part No.	Temperature Range (°F)	D:S Ratio	Price
FLUKE561	-40 to 1022	12:1	202.99
FLUKE568	-40 to 1472	50:1	405.99

TEMP-SEEKER®



The TM350 is a professional grade thermo-psychrometer adaptable to accommodate all your temperature, humidity, dry/wet bulb and dew point measurements. The unit incorporates 4 discrete temperature ports all capable of min/max and memory functions including temperature differential between any 2 of the 4 available ports. A dedicated special purpose port accommodates an optional state of the art silicon humidity transducer probe for fast and accurate measurements during superheat calculations.

Specifications:

- Calibrated to NIST traceable standards
- Operating temperature range: 15°F to 120°F at 95% RH non condensing
- Accuracy: ±0.4°F (14°F to 158°F)
- Resolution: ±0.1 degree from -40 to 99.9, ±1.0 degree from 100 to 300
- 30 hrs battery life on (1) 9V alkaline
- Optional AC adaptor for 100 to 240 VAC mains, 2.1 mm center positive
- Includes: air probe, velcro strap pipe probe, general purpose probe

cps

Part No.	Comments	Description	Price
TM360	Optional Humidity Probe Capable	Humidity/Temperature/Wet Bulb Diagnostic Analyzer	294.54

INSTRUMENTS

TEMPERATURE TESTER

THERMOHYGROMETER



The SRH77A will report temperature and relative humidity readings.

- Minimum/maximum records highest and lowest temperatures
- Auto shut-off
- Scan mode stores data
- Includes 1075 general purpose, 4010 aluminum surface probe and 5028C humidity probe
- Monitors temperature in three zones
- Instrument range: -40° to 300°F
- Accuracy: ±0.3°F/+0.5% of reading, whichever is greater
- Resolution: 0.1°F

Part No.	Description	Price
SRH77A-E	3 Temperature Zones	547.60

TEMPERATURE TESTER ACCESSORIES

DMM ADAPTER



- Converts a DMM to a thermometer
- Use 80TK with type K thermocouple probe (bead probe supplied) in low voltage applications (below 24 Vac, 60V dc)
- Probe dependent

Part No.	Temperature Range	Description	Price
80TK	-50 to 1000°C	Thermocouple Module	151.99

PROBE



- Type K thermocouple probe
- Use directly with F51, F52
- Use with 20, 70, 80 Series DMM with 80TK adapter
- Use with 16, 179, 180 Series with 80AK adapter

Part No.	Temperature Range (°F)	Description	Price
80PK1	-40 to 500	Bead Probe	35.99
80PK-11	-22 to 221	Velcro Probe	45.99
80PK-22	-320 to 1994	Immersion Probe,Liquids and Gels	101.99
80PK-3A	32 to 500	Surface Probe	161.99
80PK24	-40 to 1500	Air Probe Except Halides, Sulfides	121.99

INTEGRATED DMM PROBE



- Type-K thermocouple with standard shrouded banana jack
- Convenient one piece construction
- Compatible with DMMs with temperature measurement functions: 116, 87/89 IV, 87V, 187/189, 287/289,

Part No.	Temperature Range (°F)	Description	Price
80BKA	-40 to 260°C	Integrated DMM Temperature Probe	45.99

PROBE, PIPE CLAMP



- Type K thermocouple probe

Part No.	Temperature Range (°F)	Description	Price
80PK8	-20 to 300	Pipe Clamp Probe to 1-3/8"	181.99

PROBE, PIPE CLAMP



Thermocouple attachment for instruments accepting K type probes.

- Temperature range: -20 to 300°F/ -29° to 149°C
- Response time: 2 seconds
- Cord length/material: 10'/ 3.1 m TPE straight cord

Part No.	Temperature Range (°F)	Description	Price
4005MK	-20 to 300	Pipe Clamp Probe	87.20

HUMIDITY PROBE



- Replacement probe for SRH77A
- Temperature range: 0° to 150°F
- Maximum tip temperature: 150°F

Part No.	Description	Price
5028C	Humidity Probe	93.05

THERMISTOR PROBE



- Use with Cooper temperature instruments

Part No.	Temperature Range (°F)	Response Time (Sec.)	Description	Price
C1075	-100 to 300	6 Seconds	Puncture Probe	61.10
CC2010	-100 to 200	20 Seconds	Air Probe	186.10
C4005	-20 to 300	12 Seconds	Pipe Clamp	159.20
C4011	-25 to 212	—	Pipe Strap Probe for SH66A-E, SRH77A-E	69.60

THERMOCOUPLE CONNECTOR



- Isothermal screw terminal for K or J wire
- Suitable for up to 20 gauge thermocouple wire
- Two per package

Part No.	Description	Price
80CJM	Plug Adapter—J Thermocouple Wire	Call
80CKM	Plug Adapter—K Thermocouple Wire	30.99
80AKA	Adapter—K Thermocouple to Banana Plug	30.99

INSTRUMENTS

TEMPERATURE HUMIDITY ANALYZER

PEN



- Simultaneous display of temperature & humidity
- °F/°C switchable
- Hold switch
- Memory (Min/Max)
- Battery: One bottom cell (included)

Supco

Part No.	Description	Price
THP2	Thermohygrometer Pen	16.95

THERMOHYGROMETER



- Backlit dual display of humidity and temperature
- Measures dew point and wet bulb temperatures
- 99 record storage capacity
- Ergonomic design with belt clip and protective holster
- Quick-response capacitance polymer film sensor with twist-open protective cover
- Temperature range from -20 to 60°C (-4F to 140°F)
- Temperature accuracy: ±1°F from 32 to 113°F
- Relative humidity from 5 to 95%
- Humidity accuracy: ±2% RH from 10 to 90% at 73.4°F
- Min/Max/Avg Data hold
- Low battery indicator (uses 4 AAA batteries)

FLUKE.

Part No.	Description	Price
FLUKE971	Temperature, Humidity Meter	349.99

HAND HELD



- Wet bulb, dry bulb, dew point temperature
- °F/°C switchable
- Memory (Max Hold)
- Data hold
- Battery: 9V (included)

Supco

Part No.	Description	Price
DSP1000	Digital Psychrometer	123.90

POCKET TYPE THERMOHYGROMETER



- Used for monitoring environmental conditions during food distribution and in storage areas, ripening rooms, greenhouses, and more.
- Freeze alert
- Internal humidity sensor
- Large and clear display

DeltaTrak.

Part No.	Description	Price
D13308	Pocket Type	42.50

JUMBO DISPLAY HYGROTHERMOMETER



- Used for monitoring environmental conditions during food distribution and in storage areas, ripening rooms, greenhouses, and more.
- Freeze alert
- Internal humidity sensor
- Large and clear display

DeltaTrak.

Part No.	Description	Price
D13307	Jumbo Display	39.50

THERMOMETER

POCKET INFRARED



Pocket Infrared Thermometer

- Temperature Range: -27°F to +428°F (-33°C to +220°C)
- Best resolution: 0.1°C or °F (switchable)
- Accuracy: ±2% of reading or ±2°C
- Distance to spot optic ratio1:1
- Battery: CR2032 (Included)
- Dimensions: 1.5 x 2.7 x.7"

Supco

Part No.	Description	Price
PIT1	Pocket Infrared Thermometer	18.95

DIGITAL PEN



- Sealed for field use
- Protective sheath
- Max/Min
- Pocket clip
- Probe can puncture soft ducts
- Ergonomic shape and easy to read LCD
- Auto off

IRP International Refrigeration Products

Part No.	Temperature Range (°F)	Price
DPT1	-58 to 392	16.28

COOPER DIGITAL POCKET TEST



- Used for monitoring temperature is food service applications.
- Plastic housing material has an anti-microbial additive to help deter bacteria growth.
- Resolution of 0.1°

Cooper ATKINS

Part No.	Temperature Range	Price
DFP450-0-8	-40° to 450°F	39.00
DPS300-01-8	-40° to 302°F	20.80

FLASHCHECK, DIGITAL PROBE THERMOMETER



This unique, next-generation, Digital Pocket Probe Thermometer is engineered to set the industry standard for accuracy, durability and readability.

DeltaTrak.

Part No.	Description	Price
D11061	Digital Probe Thermometer	25.00

INSTRUMENTS

THERMOMETER

POCKET



Part No.	Dial Size (In.)	Temperature Range (°F)	Price
PT180	1"	-40/180F	6.00
PT220	1"	0/220F	6.00

MIN/MAX ALARM, DIGITAL THERMOMETER



The thermometer's onboard internal sensor shows ambient air temperature, while the fast response stainless steel external sensor attached to a 10-ft (3 meter) cord shows the temperature to which it is exposed. Alarms can be set for high and low temperature readings.

Part No.	Description	Price
D12207	Min/Max Alarm, Digital Thermometer	36.50

DIGITAL REMOTE PANEL



PM12001:
- 2.625" x 1.375" x 1" deep white polystyrene
- AA battery included

SP120:
- Operates without any batteries
- 10' sensor cord
- Dimensions: 2.68" x 2.77" x .68"
- Battery backup

Part No.	Temperature Range (°F)	Description	Price
PM12001	-40 to 120	Digital Panel Meter	Call
SP120	-58 to 158	Solar Powered Meter	27.75

LED



LED retrofit thermometer 120V includes transformer.
- Resolution: 1°F
- Accuracy: ±2.0°F per NSF C-2
- Update time: 3 readings/second
- Humidity: Up to 100%
- Ambient temperature range: -30°F to 160°F
- EMI protection: To 15 volts per meter, vertical and horizontal from 2 MHZ to 1 GHZ

Part No.	Case	Mount	LED Readout (In.)	Price
20DTF	Lexan	Front Flange	3/8	36.50

SOLAR POWERED

These "self powered" thermometers operate without any batteries. Each thermometer has adjustable calibration, a ten second update time and wide ambient temperature specifications for both indoor and outdoor installations.
- Energy saving device
- NSF approved
- Reads Fahrenheit or centigrade
- Sensor length: 5'
- Humidity: Up to 100% (80% for SDFS20)
- EMI protection: To 15 volts per meter, vertical and horizontal from 2 MHZ to 1 GHZ

STAINLESS STEEL



- Ranges: -58°F to 158°F
- 25160SD includes AAA backup battery

Part No.	Case	Mount	LCD Display (In.)	Price
SDFS20	Stainless Steel	Stainless Steel	3/8	Call
25160SD	Lexan	Lexan	3/8	32.24

STAINLESS STEEL



- Ranges: -60°F to 160°F
- Resolution: 0.1°F
- Ambient temperature range: -35°F to 160°F

Part No.	Case	Mount	LCD Display (In.)	Price
20SDHL	Stainless Steel	Hanging	3/8	22.75

PLASTIC PANEL



56SD: 2.25" square to fit 2" round hole.
72SD: 2.8" square to fit 2 1/2" round hole.
- Ranges: -60°F to 160°F (-50 to 230°F for 56SD230)
- Resolution: 0.1°F
- Ambient temperature range: -35°F to 160°F

Part No.	Case	Mount	LCD Display (In.)	Price
72SDF160	ABS	Front Flange	1/2	38.00
72SDU160	ABS	U-Clamp	1/2	19.00

FACE MOUNT STEM



- Bimetal coil movement and glass lens
- .25" diameter stainless steel stem
- 2" dial face
- 3" back flange mounting

Part No.	Temperature Range (°F)	Stem Length (In.)	Price
224503	- 40 to 160	6	12.85
222503	- 40 to 160	4	12.20

FOOD SAFETY



- 2" dial
- Stainless steel
- NSF Listed

Part No.	Temperature Range (°F)	Description	Price
25HBM	-20 to 80	Refrigerator/Freezer Thermometer	5.74

INSTRUMENTS

THERMOMETER

GLASS REFRIGERATOR, HORIZONTAL



- Range in °F and °C

Part No.	Temperature Range (°F)	Description	Price
HZ80	-40 to 80	Horizontal	5.44

GLASS REFRIGERATOR, VERTICAL



- Range in °F and °C

Part No.	Temperature Range (°F)	Description	Price
HB120	-40 to 120	Vertical	1.25

THERMOMETER AND LIGHT SWITCH FOR WALK-INS



- Light switch (15A) and SST J-box mount cover
- Switchplate with lighted switch
- 120V direct power
- Display in °F only

Part No.	Voltage	Update Time	Price
24DT-L4F1	110	1 Minute	79.00

COLDSTICK™



The Cooper-Atkins ColdStik™ is a Refrigerator/Freezer Food Product Simulator that measures food temperature, rather than just the circulating air temperature. It contains a proprietary silicon-based gel that takes on refrigerated temperature exactly like food does. It simulates food product temperatures in changing ambient conditions and provides accurate product information to support your food safety program.

- Waterproof
- Stand or hang with two zip ties enclosed

Part No.	Temperature Range (°F)	Description	Price
33601	-40°F to 100°F	Vertical	Call

INDOOR/OUTDOOR WALL



- Instrument range: -40°F to 120°F
- Nontoxic spirit filled glass tube
- 7.5" long

Part No.	Description	Price
10-268-02-8	Thermometer, White on Blue	Call

FIXED ANGLE



- 5" scale length
- 2" stem with 1/2" separable socket
- Range in °F and °C

Part No.	Type	Temperature Range (°F)	Price
TL5A2110	Angle	-40 to 110	27.75
TL5A2240	Angle	20 to 240	Call
TL5S2110	Straight	-40 to 110	Call
TL5S2120	Straight	20 to 120	Call
TL5S2240	Straight	30 to 240	Call

VARI-ANGLE



Tapered bulb chambers are made of aluminum, precision ground. The tapered chamber forms a metal to metal contact with matching taper in the sockets, assuring maximum speed of response to temperature changes. Graphite is used as a conducting medium between bulb chamber and glass tube. Mercury filled magnifying lens "red reading" tube. Precision made to guarantee accuracy within 1% of scale range. Silicone shock mounted for lasting durability.

- Case: Modern V-shape design with parts molded of GE Valoz® 735 polyester, in black textured finish. Heavy glass protected front.
- Range in °F and °C

Part No.	Stem Length (In.)	Scale Length (In.)	Range (°F)	Price
9VU35-110	3-1/2	9	-40-to-110	24.00
9VU35-120	3-1/2	9	0 to 120	48.00
9VU35-180	3-1/2	9	30 to 180	24.00
9VU35-240	3-1/2	9	30 to 240	24.00
9VU6-120	6	9	0 to 120	24.00

SOLAR INDUSTRIAL THERMOMETER



DVU for removable applications.
DVBM for permanent installation.
Digital Vari-angle® thermometer maintains the strict requirements for thermometers in hydronic applications in that they are self-powered and within 1% accuracy. They offer the added feature of stem assemblies for direct replacement of mercury-in-glass types where environmental concerns exist.

- Case: High impact ABS
- Range: -40°F to 300°F
- Display: 3/8" LCD digits
- Accuracy: 1% of reading or 1°, whichever is greater
- Resolution: 1/10° between -19.9°F to 199.9°F
- Update: 10 seconds
- Ambient operating: -30°F to 140°F

Part No.	Stem Length (In.)	Price
DVU35	3-1/2 Union	57.20
DVBM25	2-1/2 x 1/2 NPT	36.34

INSTRUMENTS

REMOTE DIAL VAPOR THERMOMETER

BACK FLANGE/BACK CONNECTION



- Range in °F and °C

Part No.	Dial (In.)	Range (°F)	Capillary (Ft.)	Price
6020BB	2	-40 to 60	4	36.26

Part No.	Dial (In.)	Range (°F)	Capillary (Ft.)	Price
45BB060	4-1/2	-40 to 60	4	86.50
45BB260	4-1/2	-40 to 60	20	60.00

FRONT FLANGE, BACK CONNECTION



- Range in °F and °C

Part No.	Dial (In.)	Range (°F)	Capillary (Ft.)	Price
6020FB	2	-40 to 60	4	27.80
6025FB	2-1/2	-40 to 60	4	30.22
6020HL	2	-40 to 60	4	25.00
6025HL	2-1/2	-40 to 60	4	Call

BI-METAL INDUSTRIAL FLANGE MOUNT



- Stainless Steel
- 3.5" Flange Diameter
- 2" Dial Diameter

Part No.	Temperature Range	Shaft Length	Price
C2225-03-5	-40° to 160°F	4"	24.40
C2245-02-5	0° to 220°F	6"	24.40

DATA RECORDER



- Advanced microcontroller design for reliability
- All controls on front panel for fast and easy setup
- Single or continuous chart rotation
- Battery backup assures normal operating during power interruptions
- Furnished complete with 2 cartridge pens and 60 assorted charts
- Chart Speed Accuracy ±1%
- Chart speed selectable: 6 hrs., 24 hrs., 7 days, 31 days
- Voltage: 120 Vac, 50/60 Hz; 12 Vdc vehicle/marine with optional adapter

CR87B

- Three different ranges
- Optional 100' sensor wire extension
- Temperature scale selectable: CR87B- (Fahrenheit) -40°F to +30°F, -20°F to +50°F, +50°F to +120°F CR87BC-(Celsius) -40°C to 0°C, 30°C to +10°C, +10°C to +50°C
- Temperature accuracy: ±1°C or ±2°F

CR87V

- Voltage Ranges: 0–100mv (selectable), 0–5V
- Current Range: 0–20ma, 420ma
- Accuracy 0–5.00 Volts ±0.01 Volt 0–100mV ±1mV 0–20ma ±0.1ma

Part No.	Reading	Price
CR87B	Fahrenheit	498.00
CR87BC	Celsius	289.00

REPLACEMENT CHART



- For CR87B Series recorders
- 6" diameter, packaged in quantities of 60
- Charts available in Fahrenheit or Celsius

Part No.	Record Time	Temperature Range (°)	Price
CR87-1	24 Hour	-40 to 30°F	17.50
CR87-2	24 Hour	-20 to 50°F	17.50
CR87-3	24 Hour	50 to 120°F	35.00
CR875	6 Hour	-20 to 50°F	17.50
CR87-7	7 Day	-40 to 30°F	35.00
CR87-8	7 Day	-20 to 50°F	35.00
CR87-9	7 Day	50°F to 120°F	35.00
CR8710	24 Hour	-40°F to 0°F	17.50
CR8716	7 Day	-40 to 0°C	17.50
CR8717	7 Day	-30 to 10°C	17.50
CR8718	7 Day	10 to 50°C	35.00
CR8720	31 Day	-20 to 50°F	35.00

INSTRUMENTS

DATA LOGGER

LOGGER WITH DISPLAY



Records and displays real time temperature, humidity and dew point. Displays logging summary, sample rate, memory used and memory left. Shows measurement trends graphically.
Visual over and under alarm indicator for temperature and humidity. Storage temperature: -5 to 160°F

- Time accuracy: ±100ppm @ 75°F
- Relative humidity range: 0 to 99% RH, non condensing
- Relative humidity accuracy: ±2% RH, from 10 to 90% RH
- Relative humidity resolution: 0.01% RH
- Temperature accuracy: ±1°F

Part No.	Description	Price
DVTH	Temperature humidity logger with display	145.00

DATA LOGGER

LOGiT SERIES



Designed with the latest technology and are intended to accommodate technological advances for years to come.

- Store over 10K measurement point sets, 21K individual readings
- 1 second to 18 hour sample rate; 1 second increments
- Real time data monitoring
- Over/under alarm threshold settings
- Visual alarm indication
- User selectable recording start
- 20 month battery life (at 1 minute sample rate)
- One PC software operates with all loggers

Part No.	Senses	Description	Price
LT2	Temperature		158.00
LTT	Dual Temperature		129.00
LPT	Pressure and/or Temperature		325.00
LCV	Current and/or Voltage		258.00
LLSU		Data Logger Software, USB Cable	78.00

REPLACEMENT PEN



Part No.	Color	Usage	Price
CRPEN	Black	Chart recorders CR86, CR87, CR4, SR Series	17.00

DATA LOGGER

SL SERIES



- Windows™ XP and above compatible software
- PC, delayed start or push button recording control
- Temperature and Humidity alarm with visual indication on demand
- User selectable stop on memory full or memory rollover for continuous recording
- Real time monitoring
- View graph and text simultaneously
- Displays temperature in °F or °C

Part No.	Description	Price
SL300TH	Mini Data Logger, Temp, Humidity, Dewpoint	69.95
SL300T	Mini Data Logger, Temperature Only	99.90

DIGITAL INSPECTION

VIDEO INSPECTION SYSTEM



Wireless, Video and Still Image Recording Digital CamoraScopes for the Visual Inspection of Inaccessible Areas.

Part No.	Description	Price
DCS400	Video Inspection System	299.00

TEMPERATURE ALARM

DIGITAL



The easy to read display shows current temperature, alarm status, over/under mode indicator and alarm set point and temperature.

- Temperature Accuracy ± 2°F (± 1°C)
- Adjustable range from -40°F to 160°F (-40°C to 71°C)
- Back lit display
- Adjustable alarm temperature ranges
- Built-in terminals for remote alarm or telephone dialer connection
- Switch for 'No delay' or '1 hour delay'
- Maximum Probe Extension 200 ft
- Power 12 V Adapter 120 VAC with 6 ft. cable included (220V available). 24 Hrs 9V Battery backup.

Part No.	Description	Price
TA33	Temperature Alarm with Display and Battery Backup	109.95

INSTRUMENTS

TEMPERATURE ALARM

ANALOG



- Adjustable alarm temperature range from -10°F to +80°F
- Built-in terminals for remote alarm or telephone dialer connection
- Switch provided to activate alarm on either increase or decrease in temperature
- Switch provided to activate alarm with no delay or one hour delay

Part No.	Description	Price
TA2S	Wired Local, Remote Temperature Alarm, 24 Vac	Call

DUAL SET POINT



A single sensor temperature alarm which features two dial controls that allow the user to determine the over and under alarm set points from -10°F to +80°F. Slide switch can be set for a one hour delay before alarm activation or for immediate alarm activation. Screw type connectors are provided for connection to a remote alarm system or an automatic phone dialing unit. Probe wire can be extended up to 200 feet using any standard 22 gauge speaker wire.

Part No.	Description	Price
TA6	Dual Set Point Alarm, 120 Vac	199.90

BATTERY POWER



An inexpensive temperature alarm for refrigerators and freezers.

- Adjustable alarm temperature setting from -10°F to +80°F
- Uses standard 9V battery (not included)
- Slide switch for immediate alarm response or 1 hour delay
- Automatic beeper warns when battery is weak
- Sensor wire can be extended up to 100 feet using standard 20–28 AWG speaker wire

Part No.	Description	Price
TA7	Battery Operated Alarm	59.90

MULTIZONE



Set alarms for 4 separate temperature applications.

- -40 to 60°F; 0 to 100°F, 120V
- Encapsulated thermistor, 15' lead included (300' max)
- 5 amp maximum dry contact sensor rating
- Battery backup
- NEMA3 case

Part No.	Description	Price
TAP4	Temperature Alarm, 4 Inputs	189.95

TEMPERATURE HUMIDITY ALARM



The THA2 is a multi-function product that monitors temperature, humidity and dew point, provides alarms for out of range conditions and continuously logs data. No computer setup is needed.

Features:

- Audible and visual alarm for temperature, humidity and dew point (condensation)
- Digital display
- Log up to 170 days of data
- Relay contacts for remote alarm or auto dialer (ADTA)
- PC software included
- Serial port connection (for USB connection use optional USBS adapter)
- Remote sensor up to 300 ft
- 9V alkaline battery for 35 hours operation during power outage
- Sample rate: 1 second to 30 minutes
- Data History Storage: 2 hours to 170 days, depending on the sample rate
- Memory capacity: 8150 samples of temperature, humidity and dew point
- Power source: 12V to 24 VAC/VDC
- Battery backup: 9V alkaline battery
- Dimensions: 5.5" x 4.5" x 1.6"

Part No.	Description	Price
THA24	Temperature Humidity Alarm with Logging Capability	Call

INSTRUMENTS

WATER ALARM

WET SWITCH



A solid state control designed to help prevent flooding, damage to carpets, walls, furniture, ceilings, etc. Turns system off when detecting moisture due to condensate or drain leaks. As few as one or two drops will cause a wet switch to turn off a unit. Easily reset.

- LED activation indicator
- Contact rating: 2A

DIVERSITECH

Part No.	Description	Price
WS1	Flood Detector	133.24

SAFETY OVERFLOW SWITCH



The SOS switch is a solid state device designed to detect a clogged condition in condensate drain lines. Unlike other types of level or safety switches, the SOS does not require cutting or penetration into the pipe and does not interfere with normal fluid flow in any way.

- For use with 24 VAC control circuits
- Pipe must be 80% or more full at the SOS location for a tripped condition to occur.

DIVERSITECH

Part No.	Description	Price
SOS-1	Safety Overflow Switch	79.88

OVERFLOW ALARM



- Alerts building occupants immediately when the condensate overflow switch disables A/C equipment due to a drain clog.
- Simple two-wire design with back or side wire entry ports.
- Flash LED and Piezo buzzer
- UL listed

RECTORSEAL

Part No.	Description	Price
SG-1	Low Voltage A/C Condensate Overflow Alarm	21.41

EXTERNAL AUDIBLE AND VISUAL REMOTE ALARM



- Integrated into most monitoring systems (Home alarm, Water Detection or Condensate Management System, etc.)
- 12-24 VAC / 6-32 VDC Circuit, No Battery Required
- Loud 103db Audible Alert with On/Off Switch
- Bright White LED Alarm Lights

RECTORSEAL

Part No.	Description	Price
AG9100	External Audible and Visual Remote Alarm	24.01

CHARGING SCALE

INFICON



- Precision-designed for refrigerant charging and recovery
- Lightweight, modular designed high impact foam (no case required)
- Automatic and manual zeroing
- Optional charging module allows automatic refrigerant charging
- Weighing capacity: 220 lbs.
- Accuracy: ±0.25 oz.
- Power: 9-volt alkaline battery
- 1-year warranty

NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
713-202-G1	Digital Charging Scale	262.88

CPS



- High capacity 220lb Compute-ACharge ® refrigerant charging/ recovery scale
- Fully enclosed and removable metal scale platform
- Large LCD display: 1 1.2" x 2"
- Measurements in .25oz increments.
- Accuracy: .015% of reading
- Include automatic off feature.
- Two 9V alkaline batteries (included)

Additional features for CC800A:

It is the only fully automatic refrigerant scale that does not require line voltage and is R-410A compatible. Using the keypad controls, simply program the CC800A to transfer or recover a pre-set amount of refrigerant. The scale's advanced microcomputer circuitry will constantly monitor the progress of the job, shutting off the refrigerant flow when the pre-set amount is reached and audibly alert the user.

cps

Part No.	Description	Price
CC220	Non-Programmable, 60 Hrs of Continuous Operation on Batteries	251.58
CC800A	Programmable, 30 Hrs of Continuous Operation on Batteries	468.62

INSTRUMENTS

CHARGING SCALE

ATLAS REFRIGERANT CHARGING SCALE



- Solid state load cell accurate to 0.25 oz/ 10gm without need of cylinder directly on center of weighing platform.
- LCD screen can be read from a distance
- Auto shut off to preserve battery
- Optional charging module (DS-MOD) turns the ATLAS into a charging Station
- 220 lb capacity

Part No.	Description	Price
DS-20000	Advanced solid state load cell for sensitivity	270.65
DS-20000S	Wireless Charging Scale	297.50

YELLOW JACKET



- Calibration standards traceable to the National Institute of Standards and Technology
- Large heavy duty platform and oversized strain gauge bridge for rigidity, accuracy and repeatability
- High quality load cell for improved accuracy
- Retractable 5' coiled cord for easier storage; removable platform and electronics
- Can be converted to a programmable scale
- Overload protection with "OL" on LCD. Plus, mechanical protection against extreme overload
- Reads minus (-) mode to show weight removed from the platform
- Measure imperial or metric units; (pounds/ounces, pounds decimal, and kilograms/grams)
- Resolution: 0.1 ounce / 0.01 pound/0.01 kg
- Accuracy: ±0.5 oz / ±0.03 lb./±0.015 kg (or 0.1% of reading), whichever is greater

Part No.	Description	Price
68802	Scale, 110 Lb. Max.	592.06
68803	Programmable Scale, 110 Lb. Max.	616.52
68812	Scale, 220 Lb. Max.	3766.00
68813	Programmable Scale, 220 Lb. Max.	3750.00
68804	Programmable Upgrade Kit for 68802, 68812	260.20
68806	115V A/C Power Supply	38.80

SUPCO



- 55 lbs. max. scale
- 2%accuracy
- One-button operation
- Lbs./kgs switchable
- Max. weight memory

Part No.	Description	Price
DHS55	Digital Scale	19.99

ELECTRONIC LEAK DETECTOR

THE ELIMINATOR™



Fully automatic electronic refrigerant leak detector for all HFC, HCFC, CFC, SF6 gasses and blends. Cold cathode diode sensor technology. Highly resistant to background contaminants. Power: 3 "C" Alkaline (75 hours).

Part No.	Description	Price
LS2	Cold Cathode Leak Detector	327.20

ACCESSORIES

Part No.	Use with	Description	Price
032-0430	Dtek, Dtekselect, Compass	Headphones	Call
033-0019	Dtekselect, Compass	Power Adapter and Cord, 120V	Call
703-020-G1	Tekmate, Dtek, Compass	Sensor Element	45.00
703-055-P1	Dtek, Dtekselect, Compass	12V Lighter Plug	Call
703-057-G1	Dtek	Batteries, (pkg of 3)	65.00
703-059-P1	Dtek	Hard Storage Case	Call
705-600-G1	Tekmate, Compass	Tip-filter kit	16.00
706-700-G1	Gasmate	Sensor	45.00
712-700-G1	Dtekselect, Compass	NIMH Power Stick	45.00
712-701-G1	Dtekselect	Sensor, Infrared Cell	86.00
712-705-G1	Dtekselect	Tip cap	Call
712-706-G1	Dtekselect	Filter upgrade kit	Call
712-707-G1	Dtekselect	Filter	15.00

REFRIGERANT, ELECTRONIC HAND HELD



- Corona discharge sensor technology
- Adjustable sensitivity levels
- Compatible with all refrigerants
- HFC sensitivity: 1/2 oz./year
- Audible and visual alarms

Part No.	Comment	Description	Price
LS1	10 Sensitivity Levels, Background Lockout	Leak Detector	228.12

LINE VOLTAGE



- 115 volt powered
- Unique heated diode sensor
- An air pump provides a controlled volume sample

Part No.	Description	Price
RLD-H10G-1	Refrigerant Leak Detector	793.06
RLD-H10PRO-1	Refrigerant Leak Detector	934.32

INSTRUMENTS

ELECTRONIC LEAK DETECTOR

ACCESSORY/RENEWAL



- Parts for H10N, H10G, H10PM, H10 Pro, H10B

Part No.	Description	Price
M1101UD	Maintenance Kit (100 Filters, 3 Probe Tips)	Call
M1101UV	Clear Plastic Probe Tip	Call
H10N04	Plug-in Sensor	297.83

REFRIGERANT, ELECTRONIC



- High efficiency pump maintains continual flow of air through the sensor, for instantaneous reaction to ambient refrigerant and rapid recovery after leaving the scene of the leak
- Onboard diagnostics
- Rechargeable NIMH battery, 12V, 120V adapter/charger
- Whisper Ultrasound Detector is unaffected by audible noise (detects at 40.5kHz).

Part No.	Sensitivity (Oz./Yr)	Description	Price
712-202-G1	0.1	Infrared Absorption, NIMH Battery	Call
705-202-G1	0.4	Heated Diode, Alkaline Battery (2 “D”)	207.00
711-202-G1	N/A	Ultrasound, 2 "D" Battery	250.00

ACCUPROBE™



- Numerical indicators indicate leak
- Detect all HCFC and CFC refrigerants such as R-22, R-124, R-11, and R-12, plus difficult-to-detect HFC refrigerants such as R-134A, R-410A, R-404A, and R-407C, and blends
- Three sensitivity levels to detect leaks as small as 0.06 oz./yr. of R-134A and 0.03 oz./yr. of R-22
- Automatic calibration
- Max sensitivity: HFCs 0.06 oz. (1.7g)/yr.of R-134a HCFCs 0.03 oz. (0.9g)/yr.of R-22

Part No.	Description	Price
69336	Accuprobe™ UV Leak Detector	1003.40
69384	Sensor & Filter Kit for 69365	103.78
69385	Sensor Filters for 69365 (5/pack)	7.28

COMBUSTIBLE GAS



- Sensitive to 5 ppm methane
- Detects natural gas, propane, butane, cyclopentane, ethane, ethanol, isobutane and ammonia
- Adjustable sensitivity
- Auto zeroing for ignoring background gas levels in leak test area
- 2-year replacement warranty

Part No.	Description	Price
718-202-G1	Combustible Gas Detector	220.00

REFRIGERANT, STATIONARY



Designed to monitor a single refrigerant in a single zone. Enables continuous sampling of ambient conditions, incorporating an alarm/control threshold that is adjustable between 100 and 1000 ppm in increments of 100 ppm. The unit features audible and visual alarm indication with remote mounting of the sensor module up to 200 feet using four conductor 18 gauge wire (not included).

- Concealed tamper resistant set points
- Continuous duty
- Audible and visual alarm indication
- Field replaceable sensor module
- Auxiliary relay for remote alarm
- Accuracy: ±3% of the setting or ±25 ppm, whichever is greater at a temperature range of 32 to 120°F and 40 to 90% relative humidity
- Audible alarm: 85 db at 1 foot
- Operating range, sensor module temperature: -20 to 150°F

Part No.	Description	Price
RM22	Stationary Leak Monitor for R22	566.30
RM404	Stationary Leak Monitor for R404A	566.30

UV LEAK DETECTOR

INJECTION SYSTEM



Kit includes dye injector assembly, hose assembly with 1/4" flare fittings and two POE oil cartridges.

- Cartridges treat up to 2 gallons of lubricant or 25 lbs. of refrigerant

Part No.	Description	Price
EZ100ECS	Dye Injection Kit	108.00
EZ4ECS	Polyol Ester Oil Cartridge (AB and MIN compatible)	16.18
EZ-50	Dye Injector Assembly	Call

INSTRUMENTS

UV LEAK DETECTOR

INJECTION SYSTEM



- Kit includes dye injector assembly, hose assembly with 1/4" flare fittings and two POE oil cartridges.
- Cartridges treat up to 16 gallons of lubricant or 400 lbs. of refrigerant

SPECTROLINE®

Part No.	Description	Price
BEZ400ECS	Dye Injection Kit, POE (MIN and AB compatible)	190.00
BEZ4ECS	Polyol Ester Cartridge (MIN and AB compatible)	138.50

GLO-STICK®



- Use GS3 size on all split systems even if smaller than 10 lbs.
- Use with bleed valves to regulate flow
- ECS series can be used with POE, alkylbenzene and mineral oils, comes in clamshell case

SPECTROLINE®

Part No.	Oil Type	System Capacity		Price
		Refrigerant	Oil	
GS101ECS	Polyol Ester (AB, MIN)	1 to 2.9 Lbs.	15 fl Oz.	6.30
GS1ECS	Polyol Ester (AB, MIN)	1 to 4.9 Lbs.	1.6 Qt.	10.90
GS2ECS	Polyol Ester (AB, MIN)	5 to 9.9 Lbs.	1.7 to 3.2 Qt.	13.95
GS3ECS	Polyol Ester (AB, MIN)	10 to 25 Lbs.	3.3 to 8 Qt.	19.75

UV LEAK KIT



- Light-concentrating reflectors surround each of five LEDs
- Blue LED's for pinpointing leaks from greater distances, 100K+ hour
- Constant or momentary ON
- Sealed to lock out moisture
- Bulbs recessed for protection in the stainless steel head
- Long life lithium battery included

YELLOW JACKET

Part No.	Description	Price
69789	Micro LED, Dye Kit for AC/R	300.89
69790	Lamp Only, 3 UV Bulbs, 2 Blue Bulbs	163.11
69721	Universal Disposable UV Dye Injectors Only (2/pack)	56.98

COMBUSTION ANALYZER

CARBON MONOXIDE METER



- Rugged Case and electronics
- Large LCD displays CO levels from 0 to 1000 ppm.
- Easy to replace battery
- MAX Hold function stores and displays the maximum CO level.

FLUKE

Part No.	Description	Price
CO-220	Carbon Monoxide Meter	459.99

CARBON MONOXIDE TESTER

CO CHECK



Combines superior accuracy and reliability with simple, one-hand operation. Intuitive "stoplight" LEDs and an audible alarm alert you to the danger level of CO present, while the large, easy-to-read LCD provides a precise readout of the exact CO level. A protective holster case with belt clip adds to your convenience. Includes 9 volt battery.
2 year replacement warranty

INFICON

Part No.	Accuracy	Range	Price
715-202-G1	3% of reading, ± 1 ppm	1-999 ppm	247.00

METER



- Backlit LCD
- Automatic calibration
- Max hold and data hold
- Auto power off
- Audible alarm: from 35 PPM to 200 PPM, the beeper sounds periodically. Above 200 PPM, the beeper sounds continuously.
- Carrying case and 9V battery included

Supco

Part No.	Accuracy	Range	Price
CO1000	5% or ±10 ppm @ <100 ppm, 10% or ± 10 ppm @ > 100 ppm	0-1000 ppm	109.00

GAS/AIR FLOW TESTING

FUEL PRESSURE TEST KITS



Gas Pressure Kits 78055, 78060
Easier to use than a manometer, this compact kit helps you accurately set manifold pressure for natural or L.P. gas.
• Sensitive diaphragm gauge calibrated in inches of water column.
• Tube nipple for easy connection to system manifold.

Fuel Oil Kit 78020
Complete kit to determine pump efficiency, cut-off, suction etc. Also use to analyze or trouble shoot burner efficiency. Kit includes 2" gauge, 30" to 0 to 150 lbs. scale, and 12" yellow jacket hose with fittings.

YELLOW JACKET

Part No.	Scale Range	Description	Price
78055	0 to 10" w.c.	Gas Pressure Kit	119.52
78060	0 to 35" w.c.	Gas Pressure Kit	111.24
78020	30" to 0 to 150 psi	Fuel Oil Test Kit	83.11

INSTRUMENTS

GAS/AIR FLOW TESTING

MAGNEHELIC DIFFERENTIAL PRESSURE GAUGE



Used to measure fan and blower pressures, filter resistance, air velocity, furnace draft, pressure drop across orifice plates, liquid levels with bubbler systems and pressures in fluid amplifier or fluidic systems. It also checks gas-air ratio controls and automatic valves.

- Indicate low air or gas pressures–positive, negative, or differential
- Includes pipe to barb adapters and mounting hardware
- Connections: 1/8 FPT
- Ambient temperature range: 20°F to 140°F
- Rated total pressure: -20" Hg. to 15 psig
- Overpressure: relief plug opens at approximately 25 psig
- Accuracy: ±2% of full scale throughout range at 70°F
- Flush mount diameter: 4 9/16"

Dwyer

Part No.	Range (In. H_2O)	Minor Divisions	Price
DW2001	0 to 1.0	0.02	63.50
DW2002	0 to 2.0	0.05	63.50
DW2005	0 to 5.0	0.10	63.50
DW2010	0 to 10.0	0.20	63.50
DW2015	0 to 15.0	0.50	Call

MINIHELIC DIFFERENTIAL PRESSURE GAUGE



Combines high accuracy, readability compactness, dependability, and low cost.

- Designed for panel mounting in a single 2 5/8" diameter hole.
- Ambient temp. range: 20°F to 120°F
- Rated total pressure: 50 psig surge, 30 psig continuous to either pressure connection
- Accuracy: ±5% of full scale at 70°
- Connections: barbed, for 3/16" I.D. tubing

Dwyer

Part No.	Range (In. H_2O)	Minor Divisions	Price
2-5001	0 to 1.0	0.05	Call

VELOCITY METER



- Dual velocity ranges: 260 to 1200 and 1000 to 4000 FPM
- Pressure ranges: .005" to .09" and .05" to 1.0" H_2O

Dwyer

Part No.	Description	Price
460	Air Meter	174.00

AIRFLOW MICROMANOMETER



- Pressure in H_2O, pascals, mm H_2O, mbar, PSI.
- Velocity in fpm, m/s. Air volume cfm, m^3/hr l/s. Temperature °F, °C
- Air Velocity: Range ±16" H_2O; Resolution 0.001"
- Velocity: 250 to 16000 fpm; Resolution 1 fpm
- Air Volume: 0 to 99999 cfm; Resolution 1 cfm
- Temperature: 32 to 122°F; Resolution 0.1°F
- Accuracy: Pressure, Temperature(±1%+)
- Air Velocity (±2.5% at 2000fpm)
- Includes soft case, 2 rubber hoses

FLUKE

Part No.	Description	Price
FLUKE922	Thermoanemometer	699.99
FLUKE922/KIT	Thermoanemometer. 12" pitot tube	Call

DIGITAL ANEMOMETER/ PSYCHROMETER



- Continuous moving average for up to 2 hours
- MIN/MAX/AVG reading on a single point
- Air Velocity average for multiple points
- Data Hold to freeze measurement display of both readings
- Auto power off function
- Obtain air flow (CFM) average for multi-point
- Data hold Freezes displayed reading
- Temperature °C and °F

AMPROBE

Part No.	Description	Price
TMA10A	Anemometer w/ flexible precision vane	249.95

DIGITAL THERMOANEMOMETER



Digital velocity and air flow meter records up to 8 multi-point readings.

- Displays: FPM/MPH/KPH/KNOTS/MPS/CFM
- Data hold
- Temperature
- Min. Max.
- RS232 output
- Battery: 9-Volt (included)

Supco

Part No.	Description	Price
DAVM+	Temperature/Humidity/Air Flow	221.90

DIGITAL MANOMETER



Isolate difficult pressure problems in natural gas and propane systems.

- Dual input-differential measurements
- Range: -55.0 to +55.0" w.c.
- Resolution to 0.01"
- 11 Units of Measure; (in, ft, cm) w.c., (in, mm) HG, bar, Mbar, kPa, psi, $ozin^2$, $Kgcm^2$
- Data hold, Auto off
- 9V battery included

Supco

Part No.	Description	Price
DDM55	Dual Input Digital Manometer	129.90

INSTRUMENTS

GAS/AIR FLOW TESTING

DIGITAL MANOMETER



Yellow Jacket 78050 Digital Manometer provides a continuous display of the measured positive or negative pressure.

This digital manometer provides measurements from -19.95" to +19.95" water column.

YELLOW JACKET

Part No.	Description	Price
78052	Digital Manometer	313.75

TUBE MANOMETER

U-TUBE MANOMETER



Measures positive, negative and differential pressures. Columns are constructed of flexible butyrate tubing. Fluorescent green dye concentrate indicator solution. Includes magnetic clips for vertical mounting on steel surface.

Dwyer

Part No.	Range (In. H_2O)	Price
122212WM	-6 to 0 to 6	Call

U-TUBE DUAL RANGE MANOMETER



Use as a regular U-Tube for high pressure on right leg or as an incline manometer for low pressure on left leg. Includes carrying plugs with retainers and magnetic clips for mounting on metal surface

Dwyer

	Range (In. H_2O)		
Part No.	High	Low	Price
1227	0 to 16	-.20 to 0 to 2.6	10.50

SLACK-TUBE® MANOMETER



Use it in determining velocity and static pressures, for leakage, fan and blower tests, calibrating control devices, checking gas pressure and many other applications.

Dwyer

Part No.	Range (In. H_2O)	Price
1211-30	15"—0—15	Call

SLACK-TUBE® MANOMETER KIT



Complete kit with tubing and connection fittings. Ideal for servicing gas appliances. Tube rolls up for easy carrying.

Dwyer

Part No.	Range (In. H_2O)	Price
1212	0 to 16	34.33

PLASTIC TUBE MANOMETER



Economical plastic tube manometer helps you set manifold pressure for natural or L.P. gas. Now goes to -2" w.c. for newer systems. Strong magnet on manometer holds it in convenient upright position. Includes tubing with fitting.

YELLOW JACKET

Part No.	Scale Range	Description	Price
78075	-2 to 0 to 15" w.c.	Manometer	58.00

PRESSURE GAUGE

1/4" BOTTOM CONNECTION



- Drawn steel case, finished in black with push-in polycarbonate window
- Movement: All brass construction, precision gear and pinion, mounted on socket independent of case
- Accuracy: 2% of the middle third of the entire range. ANSI-ASME B40.1 grade B

WEISS INSTRUMENTS

Part No.	Dial (In.)	Range (psi)	Graduation (psi)	Price
20030PG	2	0 – 30	0.5	Call
20060PG	2	0 – 60	1.0	Call
20100PG	2	0 – 100	2.0	Call
TL20160	2	0 – 160	5.0	12.10
TL20200	2	0 – 200	5.0	6.05
TL20300	2	0 – 300	5.0	6.05
TL25030	2-1/2	0 – 30	0.5	13.40
25060PG	2-1/2	0 – 60	1.0	Call
25100PG	2-1/2	0 – 100	2.0	Call
25160PG	2-1/2	0 – 160	5.0	Call
25200PG	2-1/2	0 – 200	5.0	Call
TL25300	2-1/2	0 – 300	5.0	6.70
TL25V150	2-1/2	30" – 0 – 150	5" / 2 psi	6.70
TL25VAC	2-1/2	0 – 30	5"	6.70
TL35060	3-1/2	0 – 60	1.0	16.50
TL45200	4-1/2	0 – 200	5.0	13.00
20030PG	2	0 – 30	0.5	10.00
20060PG	2	0 – 60	1.0	10.00
20100PG	2	0 – 100	2.0	10.00
20200PG	2	0 – 200	5.0	Call
25060PG	2-1/2	0 – 60	1.0	11.84
25100PG	2-1/2	0 – 100	2.0	11.84
25160PG	2-1/2	0 – 160	5.0	11.84
25200PG	2-1/2	0 – 200	5.0	11.84
25300PG	2-1/2	0 – 300	5.0	Call
35100PG	3-1/2	0 – 100	2.0	14.74
35160PG	3-1/2	0 – 160	5.0	14.74
45060PG	4-1/2	0 – 60	1.0	Call
45100PG	4-1/2	0 – 100	2.0	24.00

INSTRUMENTS

PRESSURE GAUGE

1/8" BOTTOM CONNECTION

Part No.	Dial (In.)	Range (psi)	Graduation (psi)	Price
TL28060	2	0 – 60	1.0	12.10
TL28100	2	0 – 100	2.0	12.10

4 1/2" CASE TURRET



- Movement: Brass construction, for pressure ranges to 600psi
- Connection: 1/4" NPT bottom
- Back flange
- Accuracy: 1% of middle half, 2% remainder. ANSI B40.1 grade A

Part No.	Range (psi)	Graduation (psi)	Price
4RG150	30" – 0 – 150	5" / 5	44.75
4RG300	30" – 0 – 300	5" / 5	44.75

4 1/2" CASE BACK FLANGE



- Movement: All brass construction, precision gear and pinion, mounted on socket independent of case
- Connection: 1/4" NPT bottom
- Accuracy: 1% of middle half, 2% remainder. ANSI B40.1 grade A

Part No.	Range (psi)	Graduation (psi)	Price
4CTA100	0 – 100	1	18.25
4CTA200	0 – 200	2	18.25
4CTAV30	30 – 0 – 30	1" / 1	18.25

4 1/2" CASE SYSTEM

Part No.	Range (psi)	Graduation (psi)	Price
4CTS060	0 – 60	1	13.00
4CTS100	0 – 100	1	13.00

ALTITUDE, TEMPERATURE



The Weiss Tri-O-Meter is designed for use on all types of hot water heating systems. One instrument reads out the water pressure, water temperature, and system head in feet of water.

- Pressure in psi and feet of H_2O
- Case and ring: Gray enameled steel with acrylic window
- Accuracy: Pressure/altitude ±2% of span in middle half of range, ±3% of span elsewhere. Temperature ±3% of span over entire range

Part No.	Dial (In.)	Connection	NPT (In.)	Pressure (psi)	Temp (°F)	Price
CTP25R	2-1/2	Back	1/4	0–75*	60–260	26.10
CTP25RX	2-1/2	Back	1/4	0–75*	60–260	13.05

DIGITAL, UNIVERSAL



The Series DPG-100 has a high ±0.25% full scale accuracy. The 4 digit digital display will reduce the potential for errors in readings by eliminating parallax error commonly produced with analog gauges. A 4-button key pad allows easy access to features without the need to work through complex menus or difficult key combinations. These features include backlight, peak and valley, tare or auto zero, and conversion of the pressure units. For liquids and non combustible compatible gasses. Converts to kg/cm2, kPa, oz./in., in.–wc, ft.–wc, cm–wc, m bar, bar, mm–hg, in.–hg.

Part No.	Range (psi)	Price
DPG102	15	195.00
DPG103	30	195.00
DPG104	50	195.00
DPG105	100	195.00
DPG106	200	195.00
DPG107	300	195.00
DPG108	500	195.00
DPG109	1,000	195.00
DPG110	3,000	195.00
DPG111	5,000	195.00

(Call) Please contact your local Aireco branch for pricing.

INSTRUMENTS

LEAK GAUGE

GAS LEAK GAUGE



Easy-to-read gauge to test system pressure for leaks in new installations. Pressure drop on gauge indicates leakage. 0 to 30 gauge is in 1/4 lb. increments and 0-15 is in 1/5 lb increments to meet some local inspection regulations.

YELLOW JACKET

Part No.	Scale Range	Minor Divisions	Price
78077	0 to 15 psi	1/4 lb.	26.74
78080	0 to 30 psi	1/5 lb	33.78

REFRIGERATION, LIQUID FILLED



- 2 1/2" type 304 stainless steel case with polished steel crimped ring
- Movement: Brass
- Accuracy: ±2% of span per ANSI B40.1, grade B
- Back connection: 1/4" NPT

WEISS INSTRUMENTS

Part No.	Mounting	Pressure (psi)	Graduation (psi)	Price
LF25S1U	Stem	0 – 600	10	Call
LF25S1	Stem	0 – 30	1	Call
LF25S1U150	U Clamp Panel	30" – 0 – 150	5" / 5	Call
LF25S1FV150	Front Flange	30" – 0 – 150	5" / 5	Call

AMMONIA



- Movement: Stainless steel rotary
- Black steel case
- For ammonia service
- Connection: 1/4" bottom
- Accuracy: ANSI grade B, 2% middle scale

WEISS INSTRUMENTS

Part No.	Dial (In.)	Range (psi)	Graduation (psi)	Price
MG25150	2-1/2	30" – 0 – 150	5" / 5	16.50
MG25300	2-1/2	30" – 0 – 300	5" / 5	16.50
MG35150	3-1/2	30" – 0 – 150	5" / 5	20.25
MG35300	3-1/2	30 " – 0 – 300	5" / 5	20.25

AMMONIA



- Phenolic case
- Movement: Stainless steel rotary
- For ammonia service
- Connection: 1/4" bottom
- Accuracy: ANSI grade A, 1% middle scale

WEISS INSTRUMENTS

Part No.	Dial (In.)	Range (psi)	Graduation (psi)	Price
4MG300	4-1/2	30" – 0 – 300	5" / 5	64.00

RECOVERY

PORTABLE REFRIGERANT RECOVERY UNIT

TWIN CYLINDER, OIL-LESS



- Horizontally opposing twin cylinders and twin condensers for ultra fast recovery
- 7 inch 10 blade turbine fan @ 3000 rpm blasts 600 cfm of cooling air over the twin heads and condensers
- Pumps vapor and liquid without throttling
- Operates up to 50 degrees cooler for maximum reliability and speed 550 psi cut-out for use with all R410A systems
- Heavy duty 1/2 HP motor, high torque, ball bearing
- UL certified per ARI Standard 740-98

APPION

Distributed by NATIONAL REFRIGERATION PRODUCTS

		Capacity (Lbs/Min)			
Part No.	Recovery Rates	Direct Liquid	Vapor	Ship Wgt. (Lbs.)	Price
G5TWIN	R22	6.22	0.62	24	1120.00

SINGLE CYLINDER, OIL-LESS

- Refrigerant-isolated crankcase eliminates bearing contamination
- Solid-mounted pistons eliminate wrist pins and bushing wear
- 7-inch, 10-blade turbine fan blasting 600CFM of cooling air
- 550 psi high pressure shut off for R410A
- Pumps direct liquid and vapor
- Simple, easy-to-use design; no purge cycle required
- Pumps virgin refrigerant; no oil required
- Heavy duty 1/2 HP motor
- Field serviceable: completely rebuilt in the field in 20-30 minutes
- UL certified per ARI Standard 740-98

APPION

Distributed by NATIONAL REFRIGERATION PRODUCTS

		Capacity (Lbs/Min)			
Part No.	Recovery Rates	Direct Liquid	Vapor	Ship Wgt. (Lbs.)	Price
G1SINGLE	R22	8.54	0.26	22	860.00

OIL-LESS, 1 HP



- Fastest overall ARI certified recovery rates in its class (ARI 740-98)
- Powerful 1HP oil-less reciprocating recovery compressor
- Exceptional compressor, condensing & cooling systems allow fast recovery in high temperature environments
- Automatic Low Pressure shut-off feature
- High density double walled plastic housing with top mounted controls
- R410A ready with 550 psi high pressure shut-off switch
- Ergonomic design for easy transport including shoulder strap
- Built-in suction filter located under suction port

NATIONAL REFRIGERATION PRODUCTS

		Capacity (Lbs/Min)			
Part No.	Recovery Rates	Direct Liquid	Vapor	Ship Wgt. (Lbs.)	Price
GS3700	R22	6.88	6.88	36	Call

RECOVERY

PORTABLE REFRIGERANT RECOVERY UNIT

VACUUM/RECOVERY PUMP



- Two units in one!
- 1 hp compressor
- True vacuum pump – 500 microns
- Oil less pump
- REVACUL supplied with hoses, 50 lb. cylinder, and sight glass
- Manual or auto switching to system evacuation
- Power: 12.5A, 115V, 60 Hz, 1 Ph
- Dimensions: 22"W x 11"H x 10 1/4"D
- Pumping capacity: push/pull liquid 12 to 13 lb./min. vapor .40 to .42 lb/min.
- 0 to 10" shut-off vacuum

NATIONAL REFRIGERATION PRODUCTS

Part No.	Ship Wgt. (Lbs.)	Description	Price
REVAC	50	Manual Control	Call

AUTOMATIC SWITCHING PUMP

- For use with: R12, R22, R502, R134A and blends*
- Comes with 4 positive shut-off hoses and 50 lb. cylinder
- Pumping capacity:
  liquid 10 to 11.7 lb./min.
  vapor .35 to .50 lb./min
- Automatic sensing of liquid and vapor
- No switching hoses
- Self clearing mode
- Automatic shut-off.
- 0 to 10" shut-off vacuum
- Oil less pump
- One step recovery

NATIONAL REFRIGERATION PRODUCTS

Part No.	Ship Wgt. (Lbs.)	Price
AR1UL	43	Call

*May not be applicable for all refrigerant blends. Consult factory for proper application.

TANK ALARM



Provides positive shut-off for recovery units without tank overfill protection. The TA1 comes with 5 feet of float cord and a velcro strap for easy mounting.

NATIONAL REFRIGERATION PRODUCTS

Part No.	Power	Dimensions H x W x D (In.)	Price
TA1	120 Volt, 15 Amps, 60 Hz	4.33 x 2.33 x 1.74	17.79

REFRIGERANT RECOVERY UNIT



- Powerful 1HP oil-less reciprocating recovery compressor
- Automatic Low Pressure shut-off feature turns unit off when recovery is completed
- R-410A ready with 550psi high pressure shut-off switch
  Rugged high density double walled plastic housing with easy view top mounted controls

cps

Part No.	Ship Wgt. (Lbs.)	Description	Price
TR700	42 lbs	Portable Refrigerant Recovery Unit	1111.91

REFRIGERANT RECOVERY/RECYCLING UNIT



The model RLV700 is a recycling unit to be used in the contractor shop or in an equipment room. It is designed to recycle refrigerant in batches up to 160 pounds, to a quality within the IRG2 standard.

- Patented pump out feature
- Recycles liquid and vapor the same way – no need to change hoses
- Filters out acids, moisture, oil, chlorides, particulate, and disposes of noncondensables
- Comes with 2 positive shut-off hoses, 50 lb. cylinder and liquid sight glass
- Capacity: Liquid recovery/recycling up to .60 lb./min.
  Vapor recovery/recycling up to .40 lb./min.
- Power: 9A, 115V, 60 Hz, 1 Ph
- Dimensions: 35"H x 16"W x 15"D

NATIONAL REFRIGERATION PRODUCTS

Part No.	Ship Wgt. (Lbs.)	Price
RLV700	130	5604.10

ADD ON RECYCLING MODULE



The RAD700 is a recycling unit to be used on the job site in conjunction with GS2000, GS2001, LV2000, LV2001, REVAC, and AR1UL or other recovery units. It is designed to recycle refrigerant in batches of 40 lbs., to a quality within the IRG2 standard.

- Recycles liquid and/or vapor. No need to change hoses.
- Capacity: Liquid recovery/recycling rate of .35 lb./min.
  Vapor recovery/recycling rate of .35 lb./min.
- Power: 7A, 115V, 60 Hz, 1 Ph
- Dimensions: 12"H x 12"W x 15"D

NATIONAL REFRIGERATION PRODUCTS

Part No.	Ship Wgt. (Lbs.)	Price
RAD700	44	1430.00

REFRIGERANT RECOVERY UNIT, LARGE CAPACITY

COMMERCIAL, BELT DRIVE



The LV5 is designed for commercial installations. It consists of a belt-driven open-type compressor, which will recover systems to 20" Hg vacuum. The unit is mobile with all components mounted on a sturdy steel frame. For large systems, the LV5 can work as a supplementary unit to handle vapor recovery in combination with a liquid recovery pump.

- Belt drive compressor
- For use with R12, R22, R502, R134A and blends*
- Power: 1.5 hp, 230V, 60Hz, 16A
- Dimensions: 22"W x 24"L x 45"H

		Capacity (Lbs/Min)					
Part No.	Refrigerant	Push Pull Liquid	Direct Liquid	Vapor	Shut off Vacuum (In.)	Ship Wgt. (Lbs.)	Price
LV5	R12, R134A, R22, R502	33.50, 27.50, 31.50, 29.00	9, 7.85, 10, 10	1.10, 1.00, 1.20, 1.50	15, 15, 10, 15	267	Call

*May not be applicable for all blends. Consult factory for proper application.

COMMERCIAL, AIR DRIVE



The LV8 recovery system is an air driven positive displacement pump which includes a 1.5 hp oil-less air compressor to power it. The LV8, which includes a condenser/sub cooler coil, will pump vapor and condense it for faster transfer. It will pump either refrigerant liquid or vapor. The transfer unit may also be used very effectively to charge systems with refrigerant. It can be used with plant air at 10 cfm, 100 psi when available, instead of the unit mounted air compressor.

- Air powered pump/integral compressor
- For use with R12, R22, R114, R500, R502, R134A and blends**
- Power: 1.5 hp, 230V, 60 Hz, 10A
- Dimensions: 22"W x 24"L x 45"H

		Capacity (Lbs/Min)					
Part No.	Refrigerant Group*	Push Pull Liquid	Direct Liquid	Vapor	Shut off Vacuum (In.)	Ship Wgt. (Lbs.)	Price
LV8	Group II, Group III, Group IV	11.5, 32, 32	9.4, 15, 16.5	0.22, 0.30, 0.29	15, 15, 10	202	5393.75

*Rated and certified in accordance with ARI standard 740-98
**May not be applicable for all blends. Consult factory for proper application.

COMMERCIAL, REMOTE AIR DRIVE



To recover 200 lbs. or more, in high pressure systems. The LV20 can pump clean or contaminated refrigerant liquid or vapor quickly and reliably without risk of damage due to slugging or running dry. The transfer system is an air driven oil-less positive displacement pump. The LV20, which includes a condenser/subcooler coil, will pump vapor and condense it for faster transfer. The transfer unit can also be effectively used to charge systems with refrigerant. 40 CFM of compressed air at 100 psi is required to operate the LV20 effectively. The LV20 does not require electric power. The condenser fan air motor is factory piped to the air regulator.

- Air powered pump
- For use with R12, R22, R114, R500, R502, R134A and blends*
- Dimensions: 26"W x 28"L x 45"H

		Capacity (Lbs/Min)					
Part No.	Refrigerant	Push Pull Liquid	Direct Liquid	Vapor	Shut off Vacuum (In.)	Ship Wgt. (Lbs.)	Price
LV20	R114, R12, R134A, R22, R500, R502	22, 48, 44, 52, 45, 49	9.4, 17, 16, 16, 16, 18	0.50, 1.2, 0.88, 1.25, 1.25, 1.4	15, 15, 15, 10, 15, 15	158	Call

*May not be applicable for all blends. Consult factory for proper application.

COMMERCIAL PRESSURE REFRIGERANT



Designed for complete removal of R11, R113, R123. Uses push/pull liquid or vapor methods. The VR11 will evacuate the chiller to 29" Hg vacuum using its 1 hp belt-driven vacuum pump rated at 40 microns, 10.6 cfm. The unit comes standard with the following items: (1) NC50U recovery cylinder, (1) 15' 3/4" hose, (2) 10' 3/4" hoses, (1) 6' 1/4" hose, (1) relief valve, set at 20 psig to purge non-condensables, if required

- Capacity: Vapor: .86 lbs/min.
- Liquid: push/pull 84 lbs/min.
- Power: 1 hp, 15A, 115V, 60 Hz, 1 Ph
- Dimensions: 26"W x 28"L x 45"H

Part No.	Ship Wgt. (Lbs.)	Price
VR11	296	Call

RECOVERY

REFRIGERANT RECOVERY UNIT, LARGE CAPACITY

COMMERCIAL, HIGH PRESSURE REFRIGERANT



The VR13 pumps vapor refrigerant. The LP13 pumps liquid but will not be damaged by vapor only. Includes an oil-less air driven pump which requires 30 CFM of air at 100 psig. Two 6' braided hoses with 5/16" SAE connections are included. Recovery rate will vary with compressed air pressure.

- For use with: R13, R23, R508A, R503, and R508B

Part No.	Usage/Capacity	Ship Wgt. (Lbs.)	Price
LP13	Liquid/5 lb./min.	80	Call
VR13	Vapor/1.5 lb./min.	131	Call

LIQUID REFRIGERANT PUMP



For recovery of 100 lbs of liquid or more.

Part No.	Usage	Transfer Rate (Lbs/Min)	Dimensions L x W x H (In.)	Ship Wgt. (Lbs.)	Description	Price
LP11	R11, R113	30	6 x 10 x 8	14		Call
LP12	R12	16	6 x 12 x 8	20		Call
LP22	R11, 12, 22, 113, 123, 500, 502, 134A, Blends*	20	10 x 12 x 8	37		2550.00
LPO	Transfers Refrigeration Oil	1.2	10 x 12 x 8	35		Call
HK11				21	3/4" Hoses (3), with accessories for use with LP11	Call

*May not be applicable for all blends. Consult factory for proper application.

RECOVERY CYLINDER



All NRP recovery cylinders meet ARI guidelines and DOT specifications.
It is very important to evacuate the recovery cylinders and purge the hoses to avoid introducing non-condensables in cylinders which would increase the discharge pressure. Also, a separate cylinder must be used for each type of refrigerant to avoid cross contamination.
Caution: for safety reasons it is very important to fill all cylinders by weight in accordance with the cylinder supplier's instructions and ARI guidelines.

- Do not overfill cylinders. Do not fill to more than 80% of the cylinder's rated capacity.
- Do not mix different refrigerants in one cylinder. Mixtures cannot be separated.
- Always wear rubber gloves and safety goggles when transferring refrigerant.
- Always use cylinders approved for recovery.
- Cylinder for use with R410A must be DOT spec 4BA400.
- NC30, NC30U, NC50, NC50U are approved for R410A.

Standard cylinders for use with R11, R12, R22, R113, R114, R134a, R500, R502 and Blends*
Very high pressure cylinders for use with R13, R23, and R503

STANDARD RECOVERY CYLINDER

Part No.	Capacity (Lbs.)	Water Capacity (Lbs.)	Max Pressure (Psi)	Max Recovery Capacity @ 80% (Lbs.)	No. of Valves	Ship Wgt (Lbs.)	Price
RC30	30	26.2	400	24	One 2 Port	16	335.00
RC50	50	47.7	400	40	One 2 Port	28	536.00
RC125	125	122	300	100	One 2 Port	51	Call
RCZ40	240	240	250	192	Two 1 Port	80	Call
RC1000	1000	1000	260	800	Two 1 Port	391	Call

(Call) Please contact your local Aireco branch for pricing.

RECOVERY CYLINDER

R11 LARGE RECOVERY CYLINDER

Models N250T and N665T are supplied with protective collars (top and bottom), 0-100 PSIG gauge, pressure relief valve, sight glass @ 1/3 and 2/3 levels, non-condensable purge tap, float switch.

Part No.	Capacity (Lbs.)	Water Capacity (Lbs.)	Max Pressure (Psi)	Max Recovery Capacity @ 80% (Lbs.)	No. of Valves	Use With	Ship Wgt (Lbs.)	Price
N250T	250	250	165	200	Two 1 Port	VR11	107	Call
N665T	665	665	200	532	Two 1 Port	VR11	265	Call

(Call) Please contact your local Aireco branch for pricing.

VERY HIGH PRESSURE RECOVERY CYLINDER

Part No.	Capacity (Lbs.)	Water Capacity (Lbs.)	Max Recovery Capacity @ 80% (Lbs.)	No. of Valves	Use With	Ship Wgt (Lbs.)	Price
NC23	28	23.8	23	One 1 Port	R13, R23, R503 - LP13, VR13	43	Call
NC80	106	89	84	One 1 Port	R13, R23, R503 - LP13, VR13	113	Call

(Call) Please contact your local Aireco branch for pricing.

CHARGING

VACUUM PUMP

GLOBESAVER™



- Isolation valve
- Dual intake connections
- Voltage: GVP6, GVP12 115/220V; GVP3 115V only
- Ergonomic sure-grip handle

NATIONAL REFRIGERATION PRODUCTS

Part No.	Displacement (CFM)	Motor (HP)	Oil Capacity (Oz.)	Weight (Lbs.)	Price
GVP3	3	1/4	14	24	277.00
GVP6	6	1/2	34	33	572.30
GVP12	12	1/2	34	44	800.00

TEZ8



- Three intake connections
- Power: 115 VAC, 60 Hz, 10 Amps
- 5-second oil change™
- Use TEZOM™ oil cartridges only
- High speed turbine fan keeps pump and oil cool
- Exhaust system vents moisture remotely (standard garden hose connection) without breaking vacuum
- Wide, low stance prevents accidental tipping

NATIONAL REFRIGERATION PRODUCTS

Part No.	Displacement (CFM)	Motor (HP)	Oil Capacity (Oz.)	Weight (Lbs.)	Description	Price
TEZ8	8	1/2	7.6	30		1394.00
TZMGLN					TEZ* Oil (1 Gallon)	43.32

Part No.	Description	Price
TZM1PK	TEZ8 Oil Cartridge (1 Cartridge)	14.00

ELIMINATOR™



- Tested to 25 microns ensuring a deep vacuum
- 115 V - 1/2 HP motor
- 2 stage direct drive

JB

Part No.	Displacement (CFM)	Intake Male Flare (In.)	Oil Capacity (Oz.)	Ship Wgt.	Price
DV-6E	6	1/4 x 3/8	25	30	424.83

RITCHIE



- 2 stage rotary vane pump
- 1/4" and 1/2" male flare intake
- Voltage: 115 Vac

YELLOW JACKET

Part No.	Displacement (CFM)	Motor (HP)	Oil Capacity (Oz.)	Weight (Lbs)	Price
93560	6	1/2	27	31.5	1047.49
93580	8	1/2	32	34.0	731.96

BULLET™



- Pulls down to 25 microns or better
- 2 stage rotary vane pump
- 1/4" x 3/8" x 3/8" intake
- Voltage: 115 Vac

YELLOW JACKET

Part No.	Displacement (CFM)	Motor (HP)	Oil Capacity (Oz.)	Weight (Lbs)	Price
93600	7	1/2	28	30.8	513.96

VACUUM PUMP OIL



Use this specially fractionated oil for DuoSeal belt-driven pumps to ensure the highest vacuum performance. DuoSeal Oil performs to rigid standards for vapor pressure, vacuum level stability, and viscosity – providing the lubrication that helps enable renowned DuoSeal pump durability

Part No.	Container Size	Price
1407K11	Quart	Call
1407K15	Gallon	Call

VACUUM MANIFOLD



SuperEvac 1/2" manifolds are engineered as system components for the SuperEvac pumps to help decrease vacuum time by over 50%and improve micron readings. Mounts with 1/2" female flare quick coupler and provides easy connections for two 3/8" vacuum hoses.

- Includes step down adapter to connect to 3/8" pump intake

YELLOW JACKET

Part No.	Description	Price
93860	2 Valve Evacuation Manifold	276.98

JB INDUSTRIES

JUST BETTER SINCE 1967

PLATINUM® VACUUM PUMP

- 10 CFM vacuum pump
- Gas ballast and blank-off valve
- 2 year OTC warranty
- Recommended for use with BLACK GOLD Vacuum Pump Oil and the DV-T1 TANK for oil changes







LD-5000 PROWLER REFRIGERANT LEAK DETECTOR

- Detects all HFC, HCFC, HFO and blended refrigerants
- Mutable alarm with silent vibrating handle and back-lit LCD screen
- 2 year warranty

F6-DP REFRIGERANT RECOVERY UNIT

- Dual piston design with one horsepower motor
- High efficiency micro-channel condenser
- 3 year OTC warranty



Proud Wholesale Distributor

Aireco
WWW.AIRECO.COM

For product availability, contact your local Aireco branch location.

CHARGING

VACUUM ANALYZER

GAUGE

INFICON



With its technologically advanced Pirani sensor, the INFICON Pilot vacuum gauge works throughout the entire evacuation process of air conditioning or refrigeration systems. Its easy-to-read digital display accurately shows the vacuum level at every stage in the evacuation cycle, from atmos-phere down to one micron. Using the Pilot vacuum gauge, there's no waiting until the pumping process is well under-way before you know whether your connections are tight and that's the problem with vacuum gauges currently being used. If your gauge or pump is not properly connected to the system, you may never get down to the vacuum level required to get a reading on your gauge. Unlike these gauges, Pilot works at atmosphere, so you'll know right away if a vacuum is being pulled properly. Unlike competing units, it starts measuring right at the beginning of the evacuation cycle (even at full atmosphere). First and only HVAC/R vacuum gauge to use Pirani sensor technology for more precise readings.

- Displays in microns, Pascal, or millibars
- Accurate readings from atmosphere (760,000 microns) down to one micron
- 1/4" stainless steel refrigeration fitting for easy access
- Low-battery indicator and automatic shut-off after 15 minutes
- Saves last reading with auto shut-off and displays it at start-up
- Nine-volt battery operation
- One-year, over-the-counter warranty
- Can be used with any vacuum pump

Part No.	Description	Price
710-202-G1	Digital Vacuum Gauge	299.46

JB INDUSTRIES



- Digital display with solid state circuitry
- 32°F to 120°F ambient temperature
- Solid state design–no adjustment necessary for temperature
- Automatic power off battery saver
- Saves last vacuum readout after shutdown
- 150 psi maximum pressure
- NIST traceable

Part No.	Power Supply	Description	Price
DV22	9V, Not Included	Hand Held	208.33

SUPCO



A durable self-contained battery powered vacuum gauge which displays the level of vacuum on a LED color coded read out. The unique design of the VG64 allows for in-line connection through the system or directly at the vacuum pump.

- Power: (1) 9V battery (not included)

Part No.	Description	Price
VG64	Electronic Vacuum Gauge	210.00

YELLOW JACKET



Yellow Jacket LCD vacuum gauges combine thermocouple sensor technology with advanced IC electronics for precise readings and repeatability not found with thermistor sensors or analog meters.

- No adjustments or warm-up. Stays calibrated after on/off switching and long evacuations
- Power: 1 "D" cell battery

Part No.	Description	Price
69075	Digital Vacuum Gauge, 1µ to 1 ATM	433.74
69073	Replacement Sensor	172.89

CHARGING

MANIFOLD

GLOBESAFE™ MANIFOLD



- Solid brass, forged body for durability
- Full flow feature for maximum capacity
- Vibration free gauge movement

NATIONAL REFRIGERATION PRODUCTS

Part No.	Scale	Includes	Gauge Size (In.)	Price
RM1	CFC	Manifold Only	2-1/2	Call
RM136	CFC	(3) 36" Hoses	2-1/2	Call
RM160	CFC	(3) 60" Hoses	2-1/2	Call
RM2	HFC	Manifold Only	2-1/2	Call
RM236	HFC	(3) 36" Hoses	2-1/2	Call
RM260	HFC	(3) 60" Hoses	2-1/2	Call
RM3	R410A	Manifold Only	2-1/2	Call
RM336	R410A	(3) 36" Hoses	2-1/2	Call
RM360	R410A	(3) 60" Hoses	2-1/2	Call
RM32	R22, R404A, R134a	Manifold Only	3-1/8	Call
RM3236	R22, R404A, R134a	(3) 36" Hoses	3-1/8	Call
RM3260	R22, R404A, R134a	(3) 60" Hoses	3-1/8	Call
RM34	R22, R404A, R410A	Manifold Only	3-1/8	Call
RM3436	R22, R404A, R410A	(3) 36" Hoses	3-1/8	Call
RM3460	R22, R404A, R410A	(3) 60" Hoses	3-1/8	Call
RM4	R22, R404A, R410A	Manifold Only	2-1/2	Call
RM436	R22, R404A, R410A	(3) 36" Hoses	2-1/2	Call
RM460	R22, R404A, R410A	(3) 60" Hoses	2-1/2	Call
RM5	R22, R407A, R407C	Manifold Only	2-1/2	48.84
RM536	R22, R407A, R407C	(3) 36" Hoses	2-1/2	Call
RM560	R22, R407A, R407C	(3) 60" Hoses	2-1/2	Call
RM6	R22, R407C, R410A	Manifold Only	2-1/2	Call
RM636	R22, R407C, R410A	(3) 36" Hoses	2-1/2	Call
RM660	R22, R407C, R410A	(3) 60" Hoses	2-1/2	Call

MANIFOLD, BRUTE II



- 1/4" male flare connections, 3/8" vacuum port

YELLOW JACKET

Part No.	Scale	Includes	Price
46000	R410A	Manifold Only	242.68
46001	R410A	Manifold Only, Liquid Gauge	347.14
46010	R22, R404A, R410A	Manifold Only	374.03
46011	R22, R404A, R410A	Manifold Only, Liquid Gauge	347.14
46022	R12, R22, R502	(3) 60" x 1/4" Plus II Hose (1) 60" x 3/8" Hose	336.12

MANIFOLD, SERIES 41



Forged body is solid brass for durability. Full porting maximizes capacity. Metal valve handles are full size for easy operation. Hose anchors are forged into back of body at 45°.

YELLOW JACKET

Part No.	Scale	Includes	Price
41212	CFC	Manifold Only	117.33
41213	CFC	HA36RYB (3) 36" Hose	190.48
41215	CFC	HA60RYB (3) 60" Hose	139.62
44215	CFC	22985 Sealright (3) 60" Hose	186.62
41312	HFC	Manifold Only	122.06
41313	HFC	HA36RYB (3) 36" Hose	822.00
41709	R410A	HCA60 (3) 60" Hose	165.34
42001	R22/R404A/R410A	Manifold Only	137.11

MANIFOLD, TITAN™



The new TITAN™ manifold is the first forged aluminum manifold in the industry. The special aluminum alloy construction of the manifold body makes it lightweight for handling ease with the durability and reliability required for repeated, rugged use.

Features of 2 and 4-valve models:

- Large, easy-to-read 3 1/8" steel case red and blue, 1% accuracy gauges; front access for easy field recalibration; optional protective gauge boots available.
- Exclusive 100 mesh filter in-line on all flare fittings helps keep out particulate material and extends the life of the seats.
- Sight glass to easily view refrigerant movement and condition during charging and recovery.

Additional features of 4-valve model:

- Fourth hose to enable connection to hi/lo sides, refrigerant tank, and recovery unit or vacuum pump for diagnostics, evacuation and charging without switching hoses.
- 3/8" vacuum port for use with larger hose to cut evacuation time by up to 33% (all other fittings on unit are 1/4").

YELLOW JACKET

Part No.	Nb of Valves	Scale Type	Includes	Price
49868	2	R22, R404A, R410A	60" Plus II™ Compact Ball Valve, RYB	265.72
49963	4	R22, R404A, R410A	Manifold Only	281.36
49967	4	R22, R404A, R410A	60" Plus II™, RYB & 3/8" x 45°	411.75
49925	4	R12, R22, R502	Liquid Filled Gauges, 60" Plus II™, RYB & 3/8" x 45°	364.16

CHARGING

MANIFOLD

MANIFOLD, DIGITAL



The new Yellow Jacket® refrigeration system analyzer features a full color graphics display with adjustable brightness and contrast. The display reads in analog, digital or a combination of both, and monitors two pressures, two live temperatures, subcooling and superheat, and saturation temperatures (liquid and vapor) for 84 refrigerants (upgradable via USB for new refrigerants). The analyzer comes standard with the 4-valve TITAN™ manifold, an external, replaceable vacuum sensor and a blow-molded instrument case.

- Built-in pressure/temperature chart reference screen for all refrigerants
- Built-in full scale vacuum sensor reads deep vacuum down to 10 microns
- Dual K-Type temperature-compensated sensor ports allow for simultaneous suction and liquid readings
- Data logging with date/time for onscreen review or USB export to PC to generate performance/Excel™ work reports
- Elevation may be entered manually for accurate, automatic pressure compensation

Specifications:

- Pressure sensing resolution (low and high sides): 0.1 psi, 0.01 bar, 1 kPa, 0.1 MPA, 0.01 kg/cm^2
- Pressure sensing accuracy: 1% of full scale at 55°F to 130°F
- Working pressure (maximum measurable pressure):
  Low side: 0 - 350 psia
  High side: 0 - 700 psia
- Proof pressure (low and high sides): 1000 psi
- Burst pressure (low and high sides): 1500 psi
- Temperature sensor range: -100 to 600°F
- Dimensions: 8.3" W x 6.7" H x 3.6" D (exclusing manifold)
- Power: AA batteries (8), 1 day of continuous operation

YELLOW JACKET

Part No.	Description	Price
40815	Refrigeration System Analyzer with TITAN™ 4-Valve Manifold and 60" PLUS II™ Charging Hoses (RYB)	2044.92

DIGITAL, TESTO 550



- Real-time calculation of superheat and subcooling
- Accurately performs temperature and pressure measurements in seconds
- 33 refrigerant profiles built-in for automatic PT calculations
- One button MIN/MAX/MEAN
- Pressure range: -14.7 to 580 psi (max. working pressure 870 psi)
- Temperature range: -58 to 248°F
- Probe connections 2 x (NTC) ports
- Power: AA batteries (4), 40 h of operation (without illumination, at 72°F)

testo

Part No.	Description	Price
05631550	Digital Refrigeration System Analyzer w/ Pipe Clamp Probe (2) and Case	320.00

DIGITAL, TESTO 557



Four valve manifold with a built-in vacuum gauge, including 2 clamp probes, integrated hook, calibration protocol, built-in hose holders, batteries and hard carrying case.
The 557 will also perform leak tests on AC/R systems with temperature compensation, insuring accurate results.

- Integrated vacuum measurement supports evacuation of the system
- Two temperature probe inputs for simultaneous real-time calculation of superheat and subcooling.
- Battery life: 150 hr
  Probe type Low pressure probe measurement:
- Measurement range: 50 psi
- Accuracy: 0.5% fs (±1 Digit)
- Resolution: 0.1 psi
  Probe type High pressure probe
- Reaction time: 52 psi

testo

Part No.	Description	Price
05631557	Four Valve Manifold Set, Digital	535.00

CHARGING

MANIFOLD

PRINTER



Printer for use with any compatible Testo analyzer

Part No.	Description	Price
0549	Testo Fast IR Printer	526.79
0568	Testo Thermal Printer Rolls, pkg of 6	Call

MANIFOLD, JB Industries



STANDARD BRASS 2-VALVE MANIFOLD

Part No.	Description	Price
M2-6	Manifold, R12, R22, R502, 2-36", 1-60", Hose, 2-1/2", Gauge	95.09
M2-5	Manifold, R12, R22, R502, 3-60" Hose, 2-1/2" Gauge	112.25
M2-8-410A	Manifold Only, R22, R404A, R410A, 2-1/2" Gauge	61.56
M2-5-410A	Manifold, R22, R404A, R410A, Kobra 60" Hose, 2-1/2" Gauge	121.66
M2-22425	Manifold Only, R22, R410A, R407C, 3-1/8" Gauge, Glow In The Dark	76.69

ZEPPELIN 2-VALVE PREMIUM BRASS MANIFOLD

Part No.	Description	Price
23300	Manifold Only, R134A, R404A, R507, 2-1/2" Gauge	65.00
23500	Manifold Only, R410A, 2-1/2" Gauge	65.00
23506	Manifold, R410A, Kobra 60" Hoses, 2-1/2" Gauge	124.22

ZEPPELIN 2-VALVE PREMIUM ALUMINUM MANIFOLD

Part No.	Description	Price
24225	Manifold Only, R22, R404A, R410A, 3-1/8" Gauge, Glow In The Dark	99.07

REVOLVER 4-VALVE BRASS MANIFOLD

Part No.	Description	Price
26225	Manifold Only, R22, R404A, R410A, 3-1/8" Gauge, Glow In The Dark	202.20

ZEPPELIN 4-VALVE ALUMINUM MANIFOLD

Part No.	Description	Price
25225	Manifold Only, R22, R404A, R410A, 3-1/8" Gauge, Glow In The Dark	163.82

HEAT PUMP MANIFOLD

Part No.	Description	Price
M2-HP	Manifold Only, R22, R410A, R407C, 3-1/8" Gauge, Glow In The Dark	86.67

BLACKMAX™



- Exclusive TripleSeal™ valve system
- Valve stems retract fully for maximum flow
- Back seating o-ring seals valve nut when fully open
- No flutter gauges wiith rugged metal housings
- Aluminum block
- Additional schraeder valve "T" port
- Large easy-to-grip knobs
- R410A, R22, R404A scales, 2.5" gauge

Part No.	Description	Price
MBHP5E	Manifold, R410A, (3) 5' ball valve Hoses	128.14

MANIFOLD, NRP



- All assemblies and components made in USA
- Forged brass body with metal valve handles
- Hose anchors forged @ 45°
- Full porting for maximum capacity
- Heavy-duty swivel hook
- Vibration free gauges for minimal needle movement, accurate reading

Part No.	Description	Price
RM360	Manifold, (3) 60" Hoses, R410A	Call
RM436	Manifold, (3) 36" Hose, R22, R404A, R410A	Call
RM260	Manifold, (3) 60" Hose, R404A, R22	Call

MANIFOLD CASE



Part No.	Usage	Dimensions (In.)			Price
		L	W	H	
40263	Series 41	12-1/4	8	4-1/4	6.91

CHARGING

GAUGE



- Replacement manifold gauge

Part No.	Size (In.)	Scale Type	Scale Range (psi)	Color	Description	Price
N2000	2-1/2	CFC	0– 500	Red	High Side	19.20
N2001	2-1/2	CFC	30" – 0 – 120	Blue	Compound	19.20
N2002	2-1/2	HFC	30" – 0 – 120	Blue	Compound	Call
N2003	2-1/2	HFC	0– 500	Red	High Side	Call
N2004	2-1/2	R410A, R22, R407C	0– 800	Red	High Side	Call
N2005	2-1/2	R410A, R22, R407C	30" – 0 – 250	Blue	Compound	Call
N2006	2-1/2	R410A	0– 800	Red	High Side	Call
N2007	2-1/2	R410A	30" – 0 – 500	Blue	Compound	Call
N2008	2-1/2	R22, R404A, R410A	0– 800	Red	High Side	19.20
N2009	2-1/2	R22, R404A, R410A	30" – 0 – 250	Blue	Compound	19.20
N2010	2-1/2	R22, R407A, R407C	0– 500	Red	High Side	19.20
N2011	2-1/2	R22, R404A, R407C	30" – 0 – 250	Blue	Compound	19.20
N3000	3	R22, R404A, R410A	0– 800	Red	High Side	22.40
N3001	3	R22, R404A, R410A	30" – 0 – 500	Blue	Compound	22.40
N3002	3	R22, R134a, R404A	0– 500	Red	High Side	Call
N3003	3	R22, R134a, R404A	30" – 0 – 120	Blue	Compound	Call

GAUGE, GLYCERINE FILLED



- Replacement manifold gauge

Part No.	Scale Type	Scale Range (psi)	Color	Description	Price
N2000G	R12, R22, R502	0– 500	Red	High Side	Call
N2001G	R12, R22, R502	30" – 0 – 120	Blue	Compound	Call
N2006G	R410A	0– 800	Red	High Side	Call
N2007G	R410A	30" – 0 – 500	Blue	Compound	Call

GAUGE, GLYCERINE FILLED

Part No.	Description	Price
GRK	Replacement Glycerine	8.80
GFP	Glycerine Gauge Replacement Fill Plug (3/pack)	Call



- Gauges are 1/8" MPT bottom connection
- Replacement manifold gauge

Part No.	Size (In.)	Scale Type	Scale Range (psi)	Color	Description	Price
49001	2 1/2	CFC	0–500	Red	High Side	32.95
49002	2 1/2	CFC	30"–0–120	Blue	Compound	32.95
49047	2 1/2	CFC	0–500	Brass	High Side	Call
49048	2 1/2	CFC	30"–0–120	Brass	Compound	Call
49101	3 1/8	CFC	0–500	Red	High Side	43.62
49102	3 1/8	CFC	30"–0–120	Blue	Compound	43.62
49051	2 1/2	R134a,R404, R507	0–500	Red	High Side	32.95
49052	2 1/2	R134a,R404, R507	30"–0–120	Blue	Compound	32.95
49135	3 1/8	R410A	0–800	Red	High Side	Call
49136	3 1/8	R410A	30"–0–300	Blue	Compound	Call
49137	3 1/8	R22, R410A, R410A	0–800	Red	High Side	43.62

GAUGE, GLYCERINE FILLED



Glycerine filled gauges are larger 3 1/8" diameter for easy reading with refrigerants color coded on dials. Liquid filled gauges dampen pulsation. Back recalibrator screw, 1/8" MPT connection.

Part No.	Scale Type	Scale Range (psi)	Color	Description	Price
49511	R22	0–500	Red	High Side	109.97
49512	R22	30"–0–120	Blue	Compound	109.97
49513	R22, R134a, R404A	0 – 500	Red	High Side	71.42
49514*	R22, R134a, R404A	30" – 0 – 120	Blue	Compound	71.42
49515	R22, R410A	0 – 800	Red	High Side	109.97
49516**	R22, R410A	30" – 0 – 350	Blue	Compound	109.97
49517	R134a, R404A, R407C	0 – 500	Red	High Side	109.97
49518*	R134a, R404A, R407C	30" – 0 – 120	Blue	Compound	66.86
49519	R410A	0 – 800 psi (0 – 55.16 Bar)	Red	High Side	109.97
49520	R410A	30"–0–300 (-1 – 21 Bar)	Blue	Compound	109.97

*Features retard protection to 240 psi
**Features retard protection to 500 psi

CHARGING

GAUGE

SOLAR/LIGHT POWERED, DIGITAL

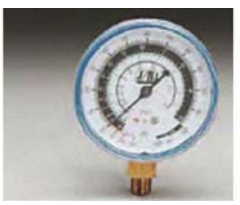


High-tech environmentally friendly solar/light powered gauges are available individually or on the popular YELLOW JACKET TITAN™ 4-valve forged aluminum manifold or the industry standard 41 Series brass bar manifold.

- Automatic pressure-temperature readout for eight commonly used refrigerants (R22, R134a, R404A, R407C, R410A, R422D, R427A and R507)
- 1% accuracy
- PSI °F, PSI °C, bar °C and MPa °C
- 1/8" NPT Male connection
- Working temperature range from 32 to 122°F

Part No.	Scale Range (psi)	Color	Description	Price
49041	0–800	Red	High Side	191.21
49042	30"–0–350	Blue	Compound	191.21

GAUGE



- High impact clear view Lexan lens
- Recalibration screw
- Full size brass movements
- 1/8" MPT connections
- CFC compound gauges retard to 350 psi
- R410A compound gauges retard to 500 psi

Part No.	Scale Type	Scale Range (psi)	Color	Description	Price
M2-250	CFC	30"–0–120	Blue Steel	Compound	16.64
M2-500	CFC	0–500	Red Steel	High Side	16.64
M2-410	R410A	30"–0–250	Blue Steel	Compound	16.64
M2-415	R410A	0–800	Red Steel	High Side	16.64
M2-460	R22, R404, R410A	30"–0–250	Blue Steel	Compound	16.64
M2-465	R22, R404, R410A	0"–800	Red Steel	High Side	16.64

GAUGE BOOT



- Rubber boots slip easily around gauges to cushion and protect them from impact
- Fits standard 2-1/2" gauges

Part No.	Color	Description	Price
49091	Red	Gauge Boot	9.64
49092	Blue	Gauge Boot	9.64
49090	1 Red, 1 Blue	Set (2)	28.29

AMMONIA

MANIFOLD



Part No.	Includes	Price
40193	(3) NHA48 48" NH, Hose	525.08

GAUGE



- Construction: Bourdon tube 316 stainless
- Black painted steel gauge case
- Connection: 1/4" MPT bottom
- Steel sockets

Part No.	Size (In.)	Range (psi)	Crystal	Price
40201	2-1/2	30"–0–150	Plastic Twist On	86.70
40202	2-1/2	30"–0–400	Plastic Twist On	86.70
40206	3-1/2	30"–0–300	Metal Ring and Crystal	Call

HOSE, 1/4"



- Steel quick couplers
- 900 psi working pressure
- 3500 psi burst pressure

Part No.	Length (In.)	Price
16848	48	72.12
16872	72	82.20

CHARGING

HOSE



- All assemblies and components made in USA
- GY5 refrigerant hose, manufactured by Goodyear Engineered Products
- Nylon, veneer-lined hose for low permeation applications meeting EPA requirement
- Double-barrier design of black, neoprene
- Braided Kevlar yarn added for strength with a nitrile/PVC rubber cover for protection
- -20°F to 180°F (-29°C to 82°C) temperature range
- Suitable for R12, R134a, R22, R500, R502, R404A, R410A and HCFC blends
- UL approved R410A assemblies available - one hose for CFC, HCFC and HFC refrigerants

STANDARD HOSE, 1/4"

- Max. working press: 800 psi/Burst: 4000 psi

NATIONAL REFRIGERATION PRODUCTS

Part No.	Length (In.)	Color	Price
N36Y	36	Yellow	19.70
N36R	36	Red	Call
N36B	36	Blue	Call
N48Y	48	Yellow	22.00
N48R	48	Red	Call
N48B	48	Blue	Call
N60Y	60	Yellow	24.80
N60R	60	Red	Call
N60B	60	Blue	24.80
N72Y	72	Yellow	27.90
N72R	72	Red	Call
N72B	72	Blue	Call
N96Y	96	Yellow	Call
N96R	96	Red	Call
N96B	96	Blue	Call
N144Y	144 (12')	Yellow	48.70
N144R	144 (12')	Red	Call
N144B	144 (12')	Blue	Call
N300Y	300 (25')	Yellow	93.10
N300R	300 (25')	Red	Call
N300B	300 (25')	Blue	Call
N600Y	600 (50')	Yellow	164.10
N600R	600 (50')	Red	Call
N600B	600 (50')	Blue	Call
N36RBY	36	Red, Blue, Yellow (Set of 3)	57.90
N48RBY	48	Red, Blue, Yellow (Set of 3)	64.70
N60RBY	60	Red, Blue, Yellow (Set of 3)	72.92
N72RBY	72	Red, Blue, Yellow (Set of 3)	82.00
N96RBY	96	Red, Blue, Yellow (Set of 3)	Call

STANDARD HOSE, 3/8"

- Max. working press: 800 psi/Burst: 4000 psi

NATIONAL REFRIGERATION PRODUCTS

Part No.	Length (In.)	Color	Price
N3836R	36	Red	Call
N3836B	36	Blue	Call
N3836Y	36	Yellow	Call
N3848R	48	Red	Call
N3848B	48	Blue	Call
N3848Y	48	Yellow	Call
N3860R	60	Red	Call
N3860B	60	Blue	Call
N3860Y	60	Yellow	43.10
N3872R	72	Red	Call
N3872B	72	Blue	Call
N3872Y	72	Yellow	Call
N3896R	96	Red	Call
N3896B	96	Blue	Call
N3896Y	96	Yellow	Call
N38144R	144 (12')	Red	Call
N38144B	144 (12')	Blue	Call
N38144Y	144 (12')	Yellow	Call
N38300R	300 (25')	Red	Call
N38300B	300 (25')	Blue	Call
N38300Y	300 (25')	Yellow	Call
N38600R	600 (50')	Red	Call
N38600B	600 (50')	Blue	Call
N38600Y	600 (50')	Yellow	Call
N3836RBY	36	Red, Blue, Yellow (Set of 3)	Call
N3848RBY	48	Red, Blue, Yellow (Set of 3)	Call
N3860RBY	60	Red, Blue, Yellow (Set of 3)	Call
N3872RBY	72	Red, Blue, Yellow (Set of 3)	Call
N3896RBY	96	Red, Blue, Yellow (Set of 3)	Call

CHARGING

HOSE

BALL VALVE HOSE, INTEGRAL, 1/4"



- 8" length of hose between ball valve and fitting for easy accessibility

NATIONAL REFRIGERATION PRODUCTS

Part No.	Length (In.)	Color	Price
NBV36R	36	Red	Call
NBV36B	36	Blue	Call
NBV36Y	36	Yellow	41.70
NBV48R	48	Red	Call
NBV48B	48	Blue	Call
NBV48Y	48	Yellow	44.80
NBV60R	60	Red	Call
NBV60B	60	Blue	Call
NBV60Y	60	Yellow	48.80
NBV72R	72	Red	Call
NBV72B	72	Blue	52.50
NBV72Y	72	Yellow	52.50
NBV96R	96	Red	Call
NBV96B	96	Blue	Call
NBV96Y	96	Yellow	Call
NBV36RBY	36	Red, Blue, Yellow (Set of 3)	122.60
NBV48RBY	48	Red, Blue, Yellow (Set of 3)	131.72
NBV60RBY	60	Red, Blue, Yellow (Set of 3)	143.48
NBV72RBY	72	Red, Blue, Yellow (Set of 3)	154.36
NBV96RBY	96	Red, Blue, Yellow (Set of 3)	Call

BALL VALVE HOSE, INTEGRAL, 3/8"

- 8" length of hose between ball valve and fitting for easy accessibility

NATIONAL REFRIGERATION PRODUCTS

Part No.	Length (In.)	Color	Price
NBV3836R	36	Red	Call
NBV3836B	36	Blue	Call
NBV3836Y	36	Yellow	Call
NBV3848R	48	Red	Call
NBV3848B	48	Blue	Call
NBV3848Y	48	Yellow	Call
NBV3860R	60	Red	Call
NBV3860B	60	Blue	Call
NBV3860Y	60	Yellow	Call
NBV3872R	72	Red	Call
NBV3872B	72	Blue	Call
NBV3872Y	72	Yellow	Call
NBV3896R	96	Red	Call
NBV3896B	96	Blue	Call
NBV3896Y	96	Yellow	Call
NBV3836RBY	36	Red, Blue, Yellow (Set of 3)	Call
NBV3848RBY	48	Red, Blue, Yellow (Set of 3)	Call
NBV3860RBY	60	Red, Blue, Yellow (Set of 3)	Call
NBV3872RBY	72	Red, Blue, Yellow (Set of 3)	Call
NBV3896RBY	96	Red, Blue, Yellow (Set of 3)	Call

BALL VALVE HOSE, EXTERNAL, 1/4"



NATIONAL REFRIGERATION PRODUCTS

Part No.	Length (In.)	Color	Price
N6BVR	6	Red	Call
N6BVB	6	Blue	Call
N6BV	6	Yellow	29.40
N12BVR	12	Red	Call
N12BVB	12	Blue	Call
N12BVY	12	Yellow	Call
N18BVR	18	Red	Call
N18BVB	18	Blue	Call
N18BVY	18	Yellow	Call
N24BVR	24	Red	Call
N24BVB	24	Blue	Call
N24BVY	24	Yellow	Call
N36BVR	36	Red	Call
N36BVB	36	Blue	Call
N36BVY	36	Yellow	Call
N60BVR	60	Red	Call
N60BVB	60	Blue	Call
N60BVY	60	Yellow	Call
N6BVRBY	6	Set of 3 (Red, Blue, Yellow)	86.40
N12BVRBY	12	Red, Blue, Yellow (Set of 3)	Call
N18BVRBY	18	Red, Blue, Yellow (Set of 3)	Call
N24BVRBY	24	Red, Blue, Yellow (Set of 3)	Call
N36BVRBY	36	Red, Blue, Yellow (Set of 3)	Call
N60BVRBY	60	Red, Blue, Yellow (Set of 3)	Call

BALL VALVE HOSE, EXTERNAL, 3/8"

NATIONAL REFRIGERATION PRODUCTS

Part No.	Length (In.)	Color	Price
N386BVR	6	Red	Call
N386BVB	6	Blue	Call
N386BVY	6	Yellow	Call
N3812BVR	12	Red	Call
N3812BVB	12	Blue	Call
N3812BVY	12	Yellow	Call
N3818BVR	18	Red	Call
N3818BVB	18	Blue	Call
N3818BVY	18	Yellow	Call
N3824BVR	24	Red	Call
N3824BVB	24	Blue	Call
N3824BVY	24	Yellow	Call
N3836BVR	36	Red	Call
N3836BVB	36	Blue	Call
N3836BVY	36	Yellow	Call
N3860BVR	60	Red	Call
N3860BVB	60	Blue	Call
N3860BVY	60	Yellow	Call
N386BVRBY	6	Red, Blue, Yellow (Set of 3)	Call
N3812BVRBY	12	Red, Blue, Yellow (Set of 3)	Call
N3818BVRBY	18	Red, Blue, Yellow (Set of 3)	Call
N3824BVRBY	24	Red, Blue, Yellow (Set of 3)	Call
N3836BVRBY	36	Red, Blue, Yellow (Set of 3)	Call
N3860BVRBY	60	Red, Blue, Yellow (Set of 3)	Call

CHARGING

HOSE

ANTI BLOWBACK HOSE, 1/4"



Eco-safe hose with shut-off fitting on end.

- Max. working press: 800 psi/ Burst: 4000 psi

Part No.	Length (In.)	Color	Price
NAB36Y	36	Yellow	Call
NAB36R	36	Red	Call
NAB36B	36	Blue	Call
NAB48Y	48	Yellow	Call
NAB48R	48	Red	Call
NAB48B	48	Blue	Call
NAB60Y	60	Yellow	33.20
NAB60R	60	Red	Call
NAB60B	60	Blue	Call
NAB72Y	72	Yellow	37.10
NAB72R	72	Red	37.10
NAB72B	72	Blue	17.10
NAB96Y	96	Yellow	Call
NAB96R	96	Red	Call
NAB96B	96	Blue	Call
NAB36RBY	36	Red, Blue, Yellow (Set of 3)	80.80
NAB48RBY	48	Red, Blue, Yellow (Set of 3)	Call
NAB60RBY	60	Red, Blue, Yellow (Set of 3)	97.20
NAB72RBY	72	Red, Blue, Yellow (Set of 3)	108.50
NAB96RBY	72	Red, Blue, Yellow (Set of 3)	Call

HOSE, HEAVY DUTY

- 1/4", 3/8" and 1/2" Hoses by Goodyear Engineered Products
- GY5 premium, permeation resistant, double barrier hose
- For R12, R134a, R22, R500, R502, R404A, R410A and HCFC blends

HEAVY DUTY HOSE, 1/4"



- Max. working press: 800 psi/Burst: 4000 psi
- U.L. Recognized

Part No.	Length (In.)	Price
NHD1436	36	29.20
NHD1448	48	33.10
NHD1460	60	37.80
NHD1472	72	41.90
NHD1496	96	Call
NHD14144	144 (12')	Call
NHD14300	300 (25')	Call
NHD14600	600 (50')	Call
NHD14900	900 (75')	Call
NHD141200	1200 (100')	Call

HEAVY DUTY HOSE, 3/8"



- Max working press: 800 psi/Burst: 4000 psi
- U.L. Recognized

Part No.	Length (In.)	Price
NHD3836S	36	41.20
NHD3848S	48	47.30
NHD3860S	60	53.60
NHD3872S	72	57.60
NHD3896S	96	Call
NHD38144S	144 (12')	Call
NHD38300S	300 (25')	Call
NHD38600S	600 (50')	Call

HEAVY DUTY HOSE, 1/2"



- Max working press 640 psi/Burst: 3200 psi
- U.L. Recognized

Part No.	Length (In.)	Price
NHD1236S	36	Call
NHD1248S	48	67.40
NHD1260S	60	76.60
NHD1272S	72	85.70
NHD1296S	96	Call
NHD12144S	144 (12')	Call
NHD12300S	300 (25')	Call
NHD12600S	600 (50')	Call
NHD12900S	900 (75')	Call
NHD121200S	1200 (100')	Call

BALL VALVE HOSE, EXTERNAL, 1/4"



Heavy duty refrigerant hose with ball valve end. Full flow ball valve with positive shut-off.

- Max. working pressure: 800 psi
- Burst: 4000 psi

Part No.	Length (In.)	Price
NHD146BV	6	Call
NHD1412BV	12	Call
NHD1418BV	18	Call
NHD1424BV	24	Call
NHD1436BV	36	Call
NHD1448BV	48	Call
NHD1460BV	60	Call
NHD1472BV	72	Call

Heavy duty refrigerant charging/vacuum hose with in-line positive shut-off ball valves. Full flow ball valve with positive shut-off.

CHARGING

HOSE, HEAVY DUTY

BALL VALVE HOSE, EXTERNAL, 3/8"



- Max. working pressure: 800 psi
- Burst: 4000 psi

Part No.	Length (In.)	Price
NHD386BV	6	Call
NHD3812BV	12	Call
NHD3818BV	18	Call
NHD3824BV	24	Call
NHD3836BV	36	Call
NHD3860BV	60	Call

BALL VALVE HOSE, INTEGRAL, 1/4"



- Max. working pressure: 800 psi
- Burst: 4000 psi
- 8" length of hose between ball valve and fitting for easy accessibility

Part No.	Length (In.)	Price
NHDBV1436	36	Call
NHDBV1448	48	Call
NHDBV1460	60	Call
NHDBV1472	72	Call
NHDBV1496	96	Call

BALL VALVE HOSE, INTEGRAL, 3/8"

- Max. working pressure: 800 psi
- Burst: 4000 psi
- 8" length of hose between ball valve and fitting for easy accessibility

Part No.	Length (In.)	Price
NHDBV3836	36	Call
NHDBV3848	48	Call
NHDBV3860	60	Call
NHDBV3872	72	Call
NHDBV3896	96	Call

BALL VALVE HOSE, INTEGRAL, 1/2"

- Max. working pressure: 640 psi
- Burst: 3200 psi
- 8" length of hose between ball valve and fitting for easy accessibility

Part No.	Length (In.)	Price
NHDBV1236	36	Call
NHDBV1248	48	Call
NHDBV1260	60	Call
NHDBV1272	72	Call
NHDBV1296	96	Call

PRESSURE CONTROL HOSE, 1/4"

STAINLESS STEEL



- All assemblies and components made in USA
- 600# PSI working pressure / 3000# PSI burst pressure
- 3/16" ID, 5/16" OD
- 90° x Straight, 1/4" FFL connects

Part No.	Length (In.)	Price
NPCH18	18	29.56
NPCH24	24	31.68
NPCH30	30	Call
NPCH36	36	37.26
NPCH48	48	41.78
NPCH60	60	Call

THERMOPLASTIC

Part No.	Length (In.)	Price
NTPH18	18	21.14
NTPH24	24	22.36
NTPH36	36	24.80
NTPH48	48	27.26
NTPH60	60	Call

HOSE ACCESSORIES

HOSE REPAIR KIT



NH06KIT: 3/8" seal gasket 10 pcs., depressor 10 pcs., 1/4" seal gasket 10 pcs., 3/8" finger tight O-ring cap 2 pcs., valve core tool 2 pcs., 1/4" finger tight O-ring cap
6 pcs.

Part No.	Description	Price
NH06KIT	Gasket, Seal Cap Kit	22.90
NABKIT	Anti Blow-back Repair Kit	6.70
NABORING	Replacement O-Ring for Anti-Blow Back Fittings (5/pk)	6.40

HOSE COUPLER GASKET



Part No.	Usage	Pkg. Qty.	Price
19020	1/4" Hose Coupler	10	9.94
NH01013-NRP	3/8" Hose Coupler	10	Call
19015	1/2", 5/8" Hose Coupler	10	24.83

CHARGING

HOSE ACCESSORIES

HOSE ACCESSORIES



Part No.	Pkg. Qty.	Description	Price
NH03016	5	Valve Core	4.50
NH05001	10	1/4" Hose Gasket	2.92
NH01013	10	3/8" Hose Gasket	10.30
NH01012	10	1/2" Hose Gasket	Call
NH05007	10	Hose Core Depressor	4.70

ANTI-BLOWBACK HOSE ADAPTER



Adapters to retrofit regular hose to anti-blowback.

Part No.	Connection Type	Connection Size (In.)	Price
NABS	Straight	1/4 FFL x 1/4 MFL	16.90
NAB516S	Straight	5/16 FFL x 1/4 MFL	16.90
NAB45	45°	1/4 FFL x 1/4 MFL	Call
NAB90	90°	1/4 FFL x 1/4 MFL	16.90

HOSE ADAPTER



Adapter with valve core to retrofit standard 1/4" FFL fitting to 5/16" FFL

Part No.	Connection Type	Connection Size (In.)	Price
N516S	Straight	5/16 FFL x 1/4 MFL	8.90
N51645	45 Degree	5/16 FFL x 1/4 MFL	11.30

VALVE

SHUTOFF VALVE



Simple, effective ball shutoff valves. Prevents unnecessary venting.

Part No.	Description	Price
NBV14MM	1/4" MFL x 1/4" MFL	Call
NBV14FM	1/4" MFL x 1/4" FFL	Call
NBV38MM	3/8" MFL x 3/8" MFL	Call
NBV38FM	3/8" MFL x 3/8" FFL	Call

CONTROL VALVE



- Charging, vacuum ball valves
- Full flow capacity

Part No.	Connection	Price
93834	1/4" M Flare x M Flare	34.54
93844	1/4" M Flare x Fem Flare	38.22
93846	3/8" M Flare x Fem Flare	49.65

CONTROL VALVE



Sturdy valve controls refrigerant flow from access fitting. Closes Schrader before disconnecting. New back seat valve feature to retain gas in hose when disconnecting.

- Uses 19020 gasket

Part No.	Description	Price
18993	Gas Retention Valve	26.24
19000	Vacuum/Charge Valve	82.28

CONTROL VALVE



- Reduced size thumb-screw flowcontrol valve for 1/4" m. flare access fitting

Part No.	Description	Price
CD5050	Flow Control Valve 1/4 Male Flare	6.27

VALVE OPENER



Part No.	Description	Price
19301	Valve Opener (A)	12.52
19302	CH14 Adjustable Valve Opener (B)	19.65

BACK SEATING CONTROL VALVE



- Eliminates spraying of leak detection dye and refrigerant
- Compact brass body for long service
- Swivel coupler with double safety grooves

Part No.	Connection (In.)	Price
A33000	1/4 M Flare x 1/4 Q.C. Female	17.55

VALVE CORE TOOL



Part No.	Description	Price
A32004	Core Removal Tool, 6 Cores	10.65

CHARGING

VALVE

CORE REMOVER



5 gasket seal caps with core remover feature.

Part No.	Description	Price
A31997	1/4" SAE	23.18

CORE REMOVER



DIVERSITECH

Part No.	Description	Price
VCR1	Core Removal Tool, 4 Cores	20.04

DRUM ADAPTER, SWIVEL



- Finger tight adapters fit 125 and 145 lb. cylinders

YELLOW JACKET

Part No.	Connection	Price
19105	3/4" NPS x 1/4" Male Flare	31.52
19106	3/4" NPS x 3/8" Male Flare	39.49

CORE REMOVAL TOOL



Extract and replace access core without removing charge from system.

NRP NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
CRT	1/4" Core Extractor	43.50
CD5555	CRT O-Ring Repair Kit	1.19

CORE REMOVAL TOOL



for use on ¼" flare across fitting

C&D VALVE

Part No.	Description	Price
CD3920	Ball Valve Core Removal Tool	38.94
CD3930	Ball Valve Core Removal Tool w/ flare side port for attaching hose or gauge	43.19

CHARGE/CORE TOOL



- Vacuum valve: extra 1/4" side port to attach electronic micron vacuum gauge right at system for greater accuracy
- Core removal access: lets you evacuate and charge through an unrestricted line for increased speed and higher vacuum

YELLOW JACKET

Part No.	Description	Price
18975	Value Core Tool	111.97

SUPERHEAT KIT



With the access valve, improved °F and °C digital thermometer and core extractor tool you can easily take an internal temperature reading for calculating system superheat.

- Read from -58°F to 302°F
- Extract schrader core without opening system

YELLOW JACKET

Part No.	Description	Price
69104	Internal Superheat Kit Core Removal Tool	6.14

CHARGING

COUPLER

QUICK COUPLER



- Quick couplers are knurled female flare with safety channels for blowoff, seals and valve depressor unless specified otherwise.

JB

Part No.	Connection Type Size (In.)	Price
QCE4	1/4 QC x 1/4 M Flare 90°	5.47
QCE5	5/16 QC x 1/4 M Flare 90°	6.64
QCS4	1/4 QC x 1/4 M Flare	4.67
QC-S64	3/8 QC x 1/4 M Flare Less Depressor	16.17
QCS4A	1/4 QC x 1/8 FPT	9.64
QCS4B	1/4 QC x 1/4 FPT	6.47
QCS4A134A	1/4 QC x 1/2 Male Acme (R134a)	16.48

QUICK COUPLER, STRAIGHT



YELLOW JACKET

Part No.	Connection	Comments	Price
19101	1/4" Fem Q.C. x 1/4" M. Flare	-	17.90
19102	1/4" Fem Q.C. x 3/8" M. Flare	-	14.68
19104	3/8" Fem Q.C. x 1/4" M. Flare	-	21.90
19110	1/4" Fem Q.C. x 1/8" FPT	CH14 Adj Valve Opener	14.14
19120	3/16" Fem Q.C x 1/4" M. Flare	GM	45.11
19125	1/8" Fem Q.C. x 1/4" M. Flare	Ford	29.78

QUICK COUPLER, 90°



YELLOW JACKET

Part No.	Connection	Comments	Price
19201	1/4" Fem Q.C. x 1/4" M. Flare	-	11.70
19202	1/4" Fem Q.C. x 3/8" M. Flare	-	14.56
19210	1/4" Fem Q.C. x 1/8" FPT	CH14 Opener	14.28

CHARGING

COUPLER

QUICK COUPLER, SEALRIGHT™



SealRight™ fittings automatically and immediately trap refrigerant in the hose when disconnected, helping meet nonventing regulations and preventing finger burns. Works with or without schrader core.

YELLOW JACKET

Part No.	Connection	Description	Price
19109	1/4" SealRight™ Straight x 1/4" Male Flare		31.30
19209	1/4" SealRight™ 90°F x 1/4" Male Flare		31.94
19040		Rebuild Kit	22.67
19037		O Rings, Pkg of 10	14.67

TUBING TOOL

CAP TUBE CUTTER



Cap Tube Cutting Tool, For Use With Capillary Tubing.

JB

Part No.	Price
A10973	12.53

TUBING TOOL



- 1/8" - 3/4" Flare & Swage Tool

JB

Part No.	Price
T20275	130.34

TUBING TOOL



- The FT195 is an affordable flaring tool for 45° flaring of soft tubing (K&L soft copper, annealed M copper) up to 5/8" OD.
- It offers a smooth, spinning cone for ease of flaring and plating of important components to inhibit corrosion

cps

Part No.	Price
FT195	37.09

TUBING TOOL



- For soft copper, aluminum and brass tubing
- Faceted, hard chrome finished cone rolls out perfect 45° flares – then automatically burnishes flare face

cps

Part No.	Price
FT500	55.28

FLARE KIT



- 45° flare tools

YELLOW JACKET

Part No.	Description	Price
60240	Two Bars, Includes 60230, 1/8 to 3/4" OD w/Case	137.06

FLARE/SWAGE KIT



This combination tool both 45° flares and swages copper and similar materials. Kit comes complete with six swage adapters, flaring cone, flaring bars, yoke plus a deluxe case.

- Size range: 3/16" to 3/4" OD, 7 sizes

YELLOW JACKET

Part No.	Description	Price
60440	Flare Swage Kit	315.36

EXPANDER/SWAGER KIT



With long handles for comfortable leverage, easily expand 5/16" to 1-5/8" O.D. soft copper and aluminum tubing in seconds.

- Re-round deformed tubes and fittings
- Salvage shorts and scrap to make couplings
- Handles, tapered expanding pin, and other moving surfaces heat treated for durability
- Use on 0.063" wall soft copper and aluminum to 1-5/8" O.D. (anneal hard copper prior to use)
- Use on 0.047" wall soft steel to 7/8" O.D.
- Kit includes six expander heads; three optional sizes sold separately

YELLOW JACKET

Part No.	Description	Price
60407	Expander Kit with Handles; heads for 3/8", 1/2", 3/4", 7/8", 1-1/8" Tubing O.D.; Deburring Tool, Carrying Case, Instructions	666.51

HEAVY DUTY 45° FLARING TOOL



Designed for tight places, features:

- Hardened steel flaring bar
- Forged steel yoke that slips over bar and locks with a turn.
- Precision threaded feed screw and long handle

YELLOW JACKET

Part No.	Description	Price
60230	1/2", 5/8", 3/4" OD Only	105.56

CHARGING

TUBING TOOL

ECCENTRIC CONE FLARING TOOL



- Large feed screw handle for smooth turning with little effort
- Black oxide-finished steel flaring bars are heat-treated for durability and secure grip on tubing
- Recommended for soft materials such as copper and aluminum

YELLOW JACKET

Part No.	Description	Price
60295	Flaring Tool with Eccentric Cone for 3/16" to 3/4" OD	216.38

DELUXE FLARE



- The only full range 1/8" to 3/4" O.D. flaring tool available for copper, brass and aluminum tubing
- Automatic tube height gauge
- Self-centering flaring yoke for more precise flares
- Multifaceted burnishing cone rolls out smooth, polished flare seat that
- matches fitting
- Use in tight places

YELLOW JACKET

Part No.	Description	Price
60278	Deluxe Flaring Tool	266.38

FLARE/BURNISH



- Multifaceted cone rolls a precise flare and simultaneously polishes it on brass, copper and aluminum

YELLOW JACKET

Part No.	Description	Price
60270	Flare/Burnish Tool	108.22

CUTTER



- Enclosed precision feed mechanism for easy, smooth cutting
- Retractable reamer: fold away tool steel reamer with turned cutting edge
- Spare wheel attached

YELLOW JACKET

Part No.	Cutting Limits (In. OD)	Comments	Price
60101	1/8 to 1-1/8	-	68.70
60102	1/4 to 1-5/8	-	92.16
60103	1/4 to 1-1/8	Constrictor Wheel Included	60.20

FLARING TOOL



NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
AFT31634	Flaring Tool	59.40
ACFT1434	Cordless Flaring Tool	320.00

CUTTER



- Won't walk while cutting; 4 roller tracking system keeps tube from threading
- Will not damage cutting wheel: full stop feed system keeps wheels and rollers from coming into contact

LENOX

Part No.	Cutting Range (OD In.)	Description	Price
21011	1/8 to 1-3/8		57.55
21012	1/8 to 1-3/4		86.10
21013	1/8 to 2-5/8		145.90
21192		Cutting wheel, copper tube, pkg of 2	Call
21193		Cutting wheel, stainless steel, pkg of 2	20.76

MINI CUTTER



Ergonomically designed tightening knob; makes it easier to adjust in tight spaces

LENOX

Part No.	Cutting Range (OD In.)	Price
21008	1/8 to 5/8	19.27
21009	1/8 to 1	Call
21010	1/8 to 1-1/8	39.93

MINI CUTTER



- Wide body for easy grip
- Large rollers and flare cut-off groove

YELLOW JACKET

Part No.	Cutting Limits (OD In.)	Price
60160	1/8 to 5/8	29.14
60121	1/8 to 7/8	36.98
60142	1/4 to 1-1/8	58.40

CHARGING

TUBING TOOL

SWAGE SET



Features:
- Packaged set of 1/4", 3/8", 1/2" and 5/8" swages in a pouch.

Part No.	Description	Price
T21024	Packaged set of 1/4'', 3/8'', 1/2'' & 5/8'' swages	38.08

SWAGE PUNCH



Part No.	OD Tubing Size (In.)	Price
60464	1/4	13.30
60465	5/16	1349.00
60466	3/8	15.54
60467	1/2	16.24
60468	5/8	161.84
60469	3/4	34.00
60470	7/8	26.88

SWAGE SET



- Single tools are 6046* Series

Part No.	Tubing Size OD (In.)	Description	Price
60475	4 Punches 1/4, 3/8, 1/2, 5/8"	Pouch	76.44
60476	5 Punches 1/4, 5/16, 3/8, 1/2, 5/8"	Pouch	58.94

SPRING BENDER SET



Features:
- 1/4", 5/16", 3/8", 1/2", 7/16", 1/2", 5/8" and 3/4" bending springs in a pouch.
- Used on soft copper aluminum, brass, and steel.
- Ideal for irregular bends, these spring type benders are available in single springs or packaged sets.

Part No.	Description	Price
BS77	Spring Bender Set	39.48

3-WAY BENDER



Calibrated markings for making accurate, left-hand, right and offset bends

Part No.	Description	Price
60390	3-in-1 tube bender	40.34

MINI TUBE BENDER



Part No.	Description	Price
RT25151	Mini Tube Bender	40.00

LEVER BENDER



- Bends tubing to 180° angle

Part No.	Tubing Size OD (In.)	Bending Radius (In.)	Price
60373	1/4	9/16	859.37
60374	5/16	11/16	891.19
60375	3/8	15/16	60.12
60377	1/2	1-1/2	1070.82
60378	5/8	2-1/4	1098.86
60379	3/4	3	128.12
60380	7/8	3	147.42
60390	1/4, 5/16, 3/8	15/16	40.34

DEBURRER



Part No.	Description	Price
60163	Deburring Tool	66.67
60164	Replacement Blade	24.22

DEBURRER



Features:
- Heavy duty universal internal/external deburring tool for copper and plastic pipes 1/8" to 1- 3/8" OD.
- Has a polished cutting bit made of hardened special steel and is smooth running.

Part No.	Description	Price
RT11006	Deburring Tool	16.56

CHARGING

TUBING TOOL

DEBURRER



- Pocket size reamer deburrs nominal 1/4" or larger tubing and fittings
- Freely rotating, hardended steel blade holds its edge in both copper and ABS/PVC plastic

Malco

Part No.	Description	Price
R308	Deburring Tool	7.15

RATCHET HAND BENDER KIT



Easy one hand bending of 1/4" to 7/8" soft copper, aluminum and light wall hydraulic tubing.

- Quick change mandrels and shoes
- Trouble free ratchet mechanism
- Index marks to locate bends
  Optional reverse bending kit for bending tubing from the outside of the bend
- Includes a small cutter for 1/8" to 1 1/8" OD tubing

YELLOW JACKET

Part No.	Description	Price
60331	Ratched Hand Bender	369.30

PINCH-OFF



YELLOW JACKET

Part No.	Description	Price
60665	For 1/4", 5/16", 3/8" and 1/2" copper.	30.10

ACCESS TOOL



Fast refrigerant recovery with pliers that clamp on and pierce tube. Pliers work on copper tubing sizes ranging from 1/4" to 7/8" OD. Needle is self- sharpening, but also easily replaceable.

Supco

Part No.	Description	Price
SF4311	FasTap Tube Piercing Pliers	19.25
SF4314	Replacement Needle	1.85

ACCESS TOOL



The fastest and easiest way to evacuate refrigerant before disposal of a unit. Snaps onto refrigerant line for full and immediate flow. One tool fits all sizes from 3/16" to 7/8" O.D. hard tubing. Replaceable needle.

DIVERSITECH

Part No.	Description	Price
QT100	Vise Grip Connection Tool	133.84
QT100N	Replacement Needle	14.56

HAND TOOLS

PVC TOOL

RATCHETING PVC CUTTER



- Stainless steel blade
- Rubberized handles allow for confident cutting even in wet or dirty environments
- Conveniently positioned release button allows for true one-handed operation of ratcheting cutter, while locking tab secures blade in place

LENOX

Part No.	Description	Price
12123R1	Plastic tubing cutters	72.45

RATCHETING PVC CUTTER



Part No.	Description	Price
M73002	1" Ratchet-action Tube Cutter	30.40

HD PLASTIC PIPE CUTTER



Features:

- Cuts up to 1-1/4" schedule 40 or 1-1/2" PVC tubular
- Coated handles
- Built for constant use

PASCO

Part No.	Description	Price
4658	Heavy Duty PVC Pipe Cutter	44.72
4658-B	Replacement Blade	17.92

SOFT PIPE & HOSE CUTTER



Features:

- Heavy duty die cast
- Cuts up to 2" soft tubing
- Reversable blade

PASCO

Part No.	Description	Price
4682	Heavy Duty Soft Pipe Cutter	17.84
4682-B	Replacement Blade	7.84

HAND TOOLS

SCREWDRIVER

SLOTTED ROUND SHANK



- Round shank

Part No.	Blade Width (In.)	Shank Length (In.)	Price
N9004	1/4	4	Call
N9005	1/4	6	Call

SLOTTED SQUARE SHANK



- Square shank

Part No.	Blade Width (In.)	Shank Length (In.)	Price
N9010	5/16	6	Call

CABINET TIP, ROUND SHANK



- Narrow 3/16" cabinet tip permits blade access where space is limited

KLEIN TOOLS

Part No.	Blade Width (In.)	Shank Length (In.)	Price
K6013	3/16	3	11.02
K6014	3/16	4	11.52
K6016	3/16	6	11.96
K6018	3/16	8	13.46
K60110	3/16	10	15.42

KEYSTONE, ROUND SHANK



- Hex bolster (not available 600-1) reinforces shank for hard use and allows wrench assisted turning
- 6026INS insulated screwdriver exceeds IEC60900, ASTM F1505 standards, 1000 volt

KLEIN TOOLS

Part No.	Insulated	Blade Width (In.)	Shank Length (In.)	Price
V600-1	No	1/4	1-1/2	10.78
K6024	No	1/4	4	13.82
K6026	No	5/16	6	16.90
602-8	No	3/8	8	Call

KEYSTONE, SQUARE SHANK



- Heavy duty square shank for wrench assisted turning
- Bolster reinforces shank for hard use

KLEIN TOOLS

Part No.	Blade Width (In.)	Overall Length (In.)	Shank Length (In.)	Price
K6004	1/4	8-11/32	4	14.60
K6006	5/16	10-15/16	6	17.64
K6008	3/8	13-7/16	8	23.82
K60012	1/2	17-7/16	12	29.10

PHILLIPS



Part No.	Head Size	Shank Length (In.)	Price
N9014	#2	1-1/4	Call
N9015	#2	4	Call

PHILLIPS



- Tips are precision-machined
- Accurate fit and torque without slippage
- Round shank

KLEIN TOOLS

Part No.	Insulated	Tip Number	Shank Length (In.)	Price
K6031	No	2	1-1/2	10.96
V603-3	No	1	3	11.02
K6034	No	2	4	12.24
K6036	No	3	6	16.90
K6037	No	2	7	14.24
K603-10	No	2	10	16.12

SLOTTED



Part No.	Insulated	Blade Size (In.)	Overall Length (In.)	Price
NRE10653	No	9/64	7-3/4	Call
NRE80105	Yes	9/64	7	Call
NRE47758	No	1/8	9-3/4	Call
NRE48250	Yes	9/64	9-3/4	Call

PHILLIPS



Part No.	Insulated	Head Size	Overall Length (In.)	Price
NRE10776	No	1	7-3/4	Call

HAND TOOLS

SCREWDRIVER

CUSHION GRIP SET



General-purpose selection of the most frequently used screwdrivers. Each set includes a reusable plastic container.

KLEIN TOOLS

Part No.	Includes	Description	Price
85075	2 Keystone-Tip (1/4", 5/16") 2 Cabinet-Tip (3/16", 1/4") 1 Phillips-Tip No. 2	5-Piece Set	68.22
85076	2 Keystone-Tip (1/4", 5/16") 3 Cabinet-Tip (3" & 6" Shank- 3/16", 1/4") 2 Phillips-Tip No. 1 & No. 2	7-Piece Set	84.10
85078	3 Keystone-Tip (1 1/2"&4" Shank - 1/4", 5/16") 1 Cabinet-Tip (3/16") 4 Phillips-Tip No. 1, No. 2 (1 1/2"&4"), No. 3	8-Piece Set	101.32

MINIATURE CUSHION GRIP



Set of 4 includes:
604-3; #0 Phillips, 3" shank, 5 3/4" overall
606-2; 1/16" keystone slotted, 2" shank, 4 3/4" overall
607-3; 3/32" cabinet slotted, 3" shank, 5 3/4" overall
608-3; 1/8" cabinet slotted, 3" shank, 5 3/4" overall

KLEIN TOOLS

Part No.	Description	Price
85484	Miniature Cushion Grip, 3 slotted, 1 phillips	34.90

MINIATURE, ROUND SHANK



Precision formed tip provides an exact fit for small screw applications.

KLEIN TOOLS

Part No.	Blade Width (In.)	Shank Length (In.)	Description	Price
606-2	1/16	2	Keystone tip	9.60
6083	1/8	3	Cabinet Tip	10.04

PRECISION



- Phillips: #0, #1
- Slotted: 1.4, 2.0, 2.4, 3.0 mm

NRP NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
N5021	6 Pc. Jewelers Set	5.94
N9024	Pocket Slotted, 1/8 x 2 1/4"	Call

RATCHET



Supco

Part No.	Description	Price
SR6N1	6 in 1 Ratchet Screwdriver	7.90
SAR21	21 in 1 Ratchet Screw/Hex Driver	Call

MULTI-BIT



- Integrated screwdriver/nut driver shaft holds 8 popular tips and converts to up to 3 nut driver sizes
- Each tool includes #1 and 2 phillips, 1/4 and 3/16" slotted, #1 and 2 square recess, 1/4, 5/16, 3/8" nut drivers (3/8" - 32500 and 32527 only)
- 32477 and 32500 also include: #10 and 15 TORX®
- 32527 also includes: Schrader® valve core removal/installation, core extractor

KLEIN TOOLS

Part No.	Description	Price
K32477	10-in-1 Multi Bit	23.44
32527	11-in-1 Multi Bit, Schrader® Valve Core Tool	27.52
K32483	Replacement Bits: #2 Phillips - 1/4" Slotted (2 Pack)	6.06

MULTI-BIT



Includes one of each:
#1 and #2 phillips, 3/16" and 1/4" slotted, #2 and #3 recess, 1/4", 5/16" and 3/8" nut driver

LENOX

Part No.	Description	Price
23932	9-in-1 Multi Bit	16.07

6 IN 1 SCREWDRIVER



6 in 1 combination screwdriver

MLS

Part No.	Description	Price
6IN1	6 in 1 Screwdriver	6.04

SCREW-HOLDING SCREWDRIVER



- Blade separates to hold the fastener
- Not designed for torqueing or tightening
- Positive gripping action holds and starts Phillips screws in awkward, hard-to-reach places

KLEIN TOOLS

Part No.	Description	Price
K16	7" Phillips-Tip Internal Screw-Holding Screwdriver	13.44
SK234	3-Piece Slotted Screw-Holding Screwdriver Set (3/16", 1/4", 5/16")	39.82

HAND TOOLS

HEX KEY

HEX KEY SET, “L”, HEX END



Caddy contains a unique locking feature and marked slots for each key.

KLEIN TOOLS

Part No.	No. Tools	Description	Price
LLK12	12	0.050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16"	15.98

HEX KEY SET, “L”, BALL END



- Each set contains a unique locking feature and marked slots for each key
- Ball end works on angles up to 30°
- Durable caddy keeps hex keys organized

KLEIN TOOLS

Part No.	No. Tools	Description	Price
BLK12	12	0.050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16"	32.42

HEX KEY, “T” HANDLE SET



70153 includes a metal stand.

KLEIN TOOLS

Part No.	No. Tools	Description	Price
89954	8	Sizes 3/32" to 5/32" have 4" Blade Sizes 3/16" to 1/4" have 4 1/2" Blade	Call

FOLDING HEX KEY SET



Hex ends are square-cut for a secure full-depth fit and maximum contact with the hex socket to prevent slippage and stripping of the socket.

- Key lengths from 3" to 4 5/8"

KLEIN TOOLS

Part No.	Length (In.)	Description	Price
70579	5 1/4"	5 Keys: 3/16", 7/32", 1/4", 5/16", 3/8"	15.64
70574	1.3"	9” sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	10.12
V70581	3-1/16”	8 inch sizes: .050”, 1/16”, 5/64”, 3/32”, 7/64”, 1/8”, 9/64”, 5/32”	8.44
V70591	4-1/4"	5/64”, 3/32”, 7/64”, 1/8”, 9/64”, 5/32”, 3/16”, 7/32”, 1/4”	12.86
V70582	3-5/8"	1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm	9.92

NUT DRIVER



NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
N9018	1/4"	Call
N9019	5/16"	Call
N9021	3/8"	Call
N9082M	1/4", Extra-Long, Magnetic, Hollow Shaft	Call
N9083M	5/16", Extra-Long, Magnetic, Hollow Shaft	Call
N9071R	5 Piece Nut Driver Set: 3/16", 1/4", 5/16", 11/32", 3/8"	Call

STUBBY



- Overall length: 3 1/4"

Malco

Part No.	Hex Opening (In.)	Price
HHD1T	1/4	11.61
HHD2T	5/16	11.80

NUT DRIVER SET, STUBBY, CUSHION-GRIP



- Includes two nut drivers (610-1/4 and 610-5/16).
- Full hollow shank
- Overall length: 3 1/2"

KLEIN TOOLS

Part No.	Hex Opening (In.)	Shaft Length (In.)	Price
610	1/4 & 5/16	1-1/2	Call

NUT DRIVER, 3" SHAFT



Exclusive hollow shaft design features unobstructed pass-through

KLEIN TOOLS

Part No.	Hex Opening (In.)	Shaft Length (In.)	Price
VS8	1/4	3	10.52
VS10	5/16	3	10.64
VS12	3/8	3	10.92

NUT DRIVER, 3" SHAFT, MAGNETIC

Part No.	Hex Opening (In.)	Shaft Length (In.)	Price
VS8M	1/4	3	13.36
VS10M	5/16	3	14.44

NUT DRIVER, 6" SHAFT



Exclusive hollow shaft design features unobstructed pass-through

KLEIN TOOLS

Part No.	Hex Opening (In.)	Shaft Length (In.)	Price
VS106	5/16	6	11.52
VS116	11/32	6	11.66
VS146	7/16	6	13.60
VS86	1/4	6	11.40
VS126	3/8	6	11.78

HAND TOOLS

NUT DRIVER

NUT DRIVER, 6" SHAFT, MAGNETIC

Part No.	Hex Opening (In.)	Shaft Length (In.)	Price
VS86M	1/4	6	15.18
VS106M	5/16	6	16.40

NUT DRIVER SET, 6" SHAFT



KLEIN TOOLS

Part No.	Hex Opening (In.)	Shaft Length (In.)	Price
V89904	3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2	6	81.58

MAGNETIC NUT DRIVER



Exclusive hollow shaft design with rare earth magnetic tip features unobstructed pass-through

KLEIN TOOLS

Part No.	Hex Opening (In.)	Shaft Length (In.)	Price
61014M	1/4	1-1/2	13.50
63014M	1/4	3	13.66
646-1/4M	1/4	6	15.38
610516M	5/16	1-1/2	14.26
630516M	5/16	3	14.68
646-5/16M	5/16	6	16.72
610-3/8M	3/8	1-1/2	Call
630-3/8M	3/8	3	16.24
630-7/8M	7/16	3	Call
646-1/2M	1/2	6	20.50

MAGNETIC



Malco

Part No.	Hex Opening (In.)	Overall Length (In.)	Price
HHD1S	1/4	7.25	12.23
HHD2S	5/16	7.25	12.43
HHD1	1/4	10.13	12.70
HHD2	5/16	10.13	13.05

MAGNETIC SET, STUBBY



- Hollow shaft design with Rare Earth magnetic tip
- Hollow shaft facilitates work on bolt applications
- Cushion-Grip handle allows for greater torque and comfort
- Handle end is color coded for easy identification
- Internal flanges provide solid, twist-resistant shaft anchor

KLEIN TOOLS

Part No.	Includes (1 of each)	Description	Price
610M	1/4" & 5/16"	1-1/2" Shaft, Set of 2	26.70

MAGNETIC SET



- Full hollow shaft (except 3/16") with rare earth magnetic hex tip
- Cushion Grip handles allow for greater torque and comfort.
- Handle domes are color coded for easy identification.
- Internal flanges provide solid, twist-resistant shaft anchor.

KLEIN TOOLS

Part No.	Includes (1 of each)	Description	Price
630M	1/4", 5/16"	3" Shaft, Set of 2	27.30
631M	3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2"	3" Shaft, Set of 7	106.54
646M	1/4", 5/16"	6" Shaft, Set of 2	31.12

PLIER

LONG NOSE



NRP NATIONAL REFRIGERATION PRODUCTS

Part No.	Size (In.)	Price
N9049	6, w/ Cutter	Call
N9050	6, Needle Nose	Call

LONG NOSE SIDE CUTTER



- Induction hardened, long lasting side cutting knives
- Knurled jaws for sure wrapping and looping
- Curved handles provide greater tool control
- Jaw length: 1 7/8" (D/J203-6) 2 7/16" (D203-7), jaw width: 11/16", jaw thickness: 3/8", point thickness: 3/32"
- D prefix: plastic dipped; J prefix (journeyman): dual material coating - softer outer surface grip - harder, more durable on inner surface and handle ends

KLEIN TOOLS

Part No.	Description	Price
D203-6	Dipped Side Cutter Plier, 6 5/8"	32.76
D203-7	Dipped Side Cutter Plier, 7 3/16"	34.16
J2036	Heavy-Duty Long-Nose Side-Cutting Pliers, 6"	39.50
J2038	Heavy-Duty Long-Nose Side-Cutting Pliers, 8.5"	54.16

HAND TOOLS

PLIER

LONG NOSE HEAVY DUTY SIDE CUTTER



- Induction hardened cutting knives
- Extended handles
- Wire stripper models strip 12 AWG
- Jaw length: 2 5/16", jaw width: 1", jaw thickness: 1/2", point thickness: 1/8"
- D prefix: plastic dipped; J prefix (journeyman): dual material coating - softer outer surface grip - harder, more durable on inner surface and handle ends

KLEIN TOOLS

Part No.	Description	Price
D203-8	Dipped Side Cutter Long Nose Plier	42.60
J2038	Journeyman Side Cutter Plier	54.16
J203-8N	Journeyman Side Cutter Plier/Stripper	55.60
D203-8	Dipped Side Cutter Plier/Stripper/Crimper	42.60

ADJUSTABLE



NATIONAL REFRIGERATION PRODUCTS

Part No.	Length (In.)	Description	Price
N9054	6-1/2	Tongue & Groove, 5 Adjustments	Call
N9055	9-1/2	Tongue & Groove, 5 Adjustments	Call
N9058	10	Tongue & Groove, 7 Adjustments	Call
N9056	12	Tongue & Groove, 7 Adjustments	Call

ADJUSTABLE PUMP



- Secure tongue and groove design for non-slip grip...even with heavy pressure
- Wide range of versatile jaw positions
- Plastic dipped handle

KLEIN TOOLS

Part No.	Overall Length (In.)	Opening Width (In.)	Price
D502-6	6-1/2	7/8	26.72
D502-10	10	1-3/4	Call
J50210	10-1/4	1-3/4	43.46

GRIPLOCK®



NATIONAL REFRIGERATION PRODUCTS

Part No.	Length (In.)	Description	Price
N9086	9-1/2	Tongue & Groove	Call
N9087	12	Tongue & Groove	Call

VISE GRIP



NATIONAL REFRIGERATION PRODUCTS

Part No.	Length (In.)	Description	Price
N007R	7	Locking Plier, Straight Jaw	Call
N010R	10	Locking Plier, Straight Jaw	Call
N00RR	7	Locking Pinch-off Tool	Call

PLIER/CUTTER



NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
NRE82240	10" Slip Joint Plier	Call
NRE82250	12" Slip Joint Plier	Call

CUTTER

DIAGONAL CUTTER



NATIONAL REFRIGERATION PRODUCTS

Part No.	Size (In.)	Price
N9045	6	Call
N9046	7	Call

DIAGONAL CUTTER, ANGLE HEAD



- Rivet is closer to cutting edge for 36% greater cutting power than other pliers.
- 2000 series cutters handle ACSR, screws, nails, and most hardened

KLEIN TOOLS

Part No.	Description	Price
D248-8	Diagonal Cutter, Plastic Dipped Grip	Call
J200-48	Diagonal Cutter, Heavy Duty, Journeyman Grip	60.10
D2000-48	Diagonal Cutter, High Leverage	48.36

HAND TOOLS

CUTTER

SIDE CUTTER



- Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs
- Streamlined design with sure gripping, cross hatched knurled jaws
- New England nose style
- D prefix: plastic dipped; J prefix (journeyman): dual material coating

KLEIN TOOLS

Part No.	Overall Length (In.)	Price
D213-8NE	8-11/16	Call
D213-9NE	9-3/8	Call
J213-9NE	9-1/2	Call

WIRE STRIPPER/CUTTER



- Crimping die marked for insulated (1005) and non-insulated (1005, 1006) solderless terminals and connectors.
- Crimps 10 - 22 AWG
- Tapered nose design for working in confined spaces.
- Hot-riveted joint for smooth action and no handle wobble.
- Handle: no prefix: plastic covered; J prefix (journeyman): dual material coating

KLEIN TOOLS

Part No.	Description	Price
1005	Cutter/Crimper	42.50
1006	Cutter/Crimper, Non-Insulated only	46.10

WIRE STRIPPER/CRIMPER/CUTTER

CABLE CUTTER



- Hardened steel precision-ground cutting blades for long life.
- Copper curved cutter cleanly cuts round copper cable.
- Anvil cutter for solid and stranded copper wire up to 12 AWG and stainless steel up to 0.032" diameter.
- Mild steel cutter for conductors up to 0.080" diameter.
- Curved cutter for solid and stranded copper wire up to 8 AWG, multi-conductor cable up to 1/2" diameter and coaxial cable RG-6 Quad, RG-59, and RG-62.
- Double-dipped grips for comfort.
- Coil spring provides fast self-opening action.
- Holes for looping and bending wire.
- Handy closure lock for convenient storage.
- Shears 6-32 and 8-32 bolts

KLEIN TOOLS

Part No.	Description	Price
63020	Light Duty Cable/Bolt Cutter	35.08

WIRE STRIPPER/CUTTER



- Two wire cutters—one at tip, the other halfway back near stripping holes—double the utility of this tool.
- Color-coded crimping dies for 10-22 AWG insulated and non-insulated terminals.
- Crimps 7-8 mm auto ignition terminals.
- Cleanly shears bolts.
- Pivot nut adjusts tension.
- Wire-looping holes near tip.
- Full-sized, plastic-covered cushioned handles for comfort.
- Strips and cuts: 8 -18 AWG solid; 10 – 22 AWG stranded
- Bolt sizes: 4-40, 6-32, 8-32, 10-24, 10-32

KLEIN TOOLS

Part No.	Description	Price
1001	Crimper/Stripper/Bolt Cutter	36.84

WIRE CRIMPER/STRIPPER/CUTTER



- Easily cuts and strips wire.
- Narrow, serrated pliers nose to pull, loop, and bend wire.
- Long, curved cutting blade.
- Cutters and strippers are in front of the pivot for maximum ease-of use in reaching into tight places.
- Crimps insulated and non-insulated terminals and 7 to 8 mm ignition terminals.
- Cleanly shears bolts.
- Plastic-covered cushioned handles for comfort.
- Strips, cuts and crimps 10 - 22 AWG
- Bolt sizes: 4-40, 5-40, 6-32, 8-32, 10-32, 10-24

KLEIN TOOLS

Part No.	Description	Price
1010	Crimper/Stripper/Bolt Cutter, Long Nose	30.70

WIRE STRIPPER/CUTTER



- Spring loaded for self opening
- Textured handles
- Wire looping and bending holes
- Precision ground stripping holes for easy removal of insulation
- Easy to read wire gauge markings
- Wire-looping holes near tip.
- Compact, lightweight wire-stripping and cutting tools.
- Narrow nose fits into tight places.
- Hardened steel
- Do not use for cutting steel wire or bolts.

KLEIN TOOLS

Part No.	Description	Price
K11045	Wire Stripper/Cutter, 10-18 AWG Solid	19.88
K11046	Wire Stripper/Cutter, 16-26 AWG Stranded	20.74

HVAC\R

KLEIN® TOOLS EST. 1857

Quality Tools For Climate Control

- SNIPS
- PLIERS
- DRIVERS
- TESTERS
- CUTTERS
- WRENCHES
- DUCT TOOLS
- HOLEMAKING
- ILLUMINATION
- WIRE STRIPPERS
- JOURNEYMAN™ GLOVES
- TRADESMAN PRO™ BAGS





Aireco
WWW.AIRECO.COM

Proud Wholesale Distributor

For product availability visit your local Aireco Branch.

HAND TOOLS

WIRE STRIPPER/CRIMPER/CUTTER

WIRE STRIPPER/CUTTER



- Strips six standard wire sizes without nicking wire.
- Scissors action of 1/2" wide cutter makes cuts with little effort.
- Serrated nose jaws to bend, shape or pull wire; holes for looping wire.
- Spring-loaded for self-opening action.
- Comfortable, plastic-covered handles.
- Strips and cuts 10 - 20 AWG solid and Stranded

KLEIN TOOLS

Part No.	Description	Price
1011	Wire Stripper/Cutter	19.10

WIRE CRIMPER/STRIPPER, KLEIN-KURVE®



- Cleanly shears 6-32, 8-32 bolts.
- Handy closure lock for convenient storage
- Klein-Kurve® comfort grip handles
- Easy to read markings
- Strong gripping serrated nose for bending, shaping, pulling of wire
- Cuts, strips, loops and gauges both 10-18 solid and 12-20 stranded AWG wire.
- 11055INS insulated crimper exceeds IEC60900, ASTM F1505 standards, 1000 volt

KLEIN TOOLS

Part No.	Description	Price
K11055	Wire Stripper/Cutter, Klein-Kurve®	29.16
11055-INS	Wire Stripper/Cutter, Klein-Kurve®, Insulated	69.86

WRENCH

OFFSET HEX



- Hex jaw design gives multi-sided, secure grip on all hex nuts, square nuts, unions, and valve packing nuts.
- Ideal for use on expansion valve powerheads
- Extra wide opening

RIDGID

Part No.	Overall Length (In.)	Capacity (In.)	Price
R31305	9-1/2	1-1/8–2-5/8	51.60

COMBINATION



- Open end plus closed ratchet combination

NATIONAL REFRIGERATION PRODUCTS

Part No.	Size (In.)	Price
N9028R	7/16	Call
N9029R	1/2	Call
N9030R	9/16	Call

WRENCH SET



NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
N9073RR	7 Pc., Reversible Ratchet Wrench Set	Call

ADJUSTABLE



- Chrome plated with vinyl cushion grip

NATIONAL REFRIGERATION PRODUCTS

Part No.	Size (In.)	Price
D74PH	4	Call
D76PH	6	35.92
D78PH	8	39.16
D710PH	10	49.56
D712PH	12	71.06

ADJUSTABLE, EXTRA CAPACITY



- Extra capacity allows use of smaller size wrench to handle bigger jobs
- Forged heat-treated alloy steel for maximum strength and lightweight
- High polish chrome finish
- Plastic dipped handle

KLEIN TOOLS

Part No.	Overall Length (In.)	Jaw Opening (In.)	Price
D5076	6-3/8	15/16	35.92
D5078	8-3/8	1-1/8	39.16
D50710	10-3/8	1-5/16	49.56
D50712	12-3/8	1-1/2	71.06
D506-4	4-1/2	1/2	33.46

ADJUSTABLE, CONSTRUCTION



- Forged from select alloy steel with continuous-taper handle for aligning bolt and/or rivet holes.
- Industrial black finish for corrosion resistance.

KLEIN TOOLS

Part No.	Overall Length (In.)	Jaw Opening (In.)	Price
3239	16	1-1/2	112.94

ADJUSTABLE



NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
NRE57771	10" Adjustable Pipe Wrench	Call

HAND TOOLS

WRENCH

PIPE, ALUMINUM



- Lightweight cast aluminum withstands high torque, reduces arm fatigue
- Hardened teeth

LENOX

Part No.	Nominal Size (In.)	Pipe Capacity (In.)	Weight (Lbs.)	Price
23821	12	2	1.68	54.63
23822	14	2	2.24	67.81

RATCHET



NRP NATIONAL REFRIGERATION PRODUCTS

Part No.	Size (In.)	Description	Price
N1000	3/16, 1/4, 5/16, 3/8"	4 Size	Call
N0999	3/16, 1/4, 5/16, 3/8"	4 Size, Offset 25	Call
N1001	3/8, 1/2"	2 Size	Call

RATCHET



- Both ends are offset 25° for more convenient use in confined spaces.
- Quick-flip reversing lever for instant ratchet reversal.

KLEIN TOOLS

Part No.	Size (In.)	Description	Price
68234	1/4, 5/16	2 Size, Offset 25°	3.59

RATCHET



YELLOW JACKET

Part No.	Size (In.)	Design	Price
60613	3/16, 1/4, 3/8, 5/16	Straight	12.57
60618	3/16, 1/4, 3/8, 5/16	Straight, Heavy Duty	29.82
60615	3/8, 1/2	Straight	46.00
60616	3/16, 1/4, 3/8, 5/16	Offset	13.21
60634	3/8, 7/16	Offset, Hex	25.78
60636	5/8, 11/16	Offset, Hex	26.04

SPORLAN STEM



Spanner end tightens packing nut around super heat adjustment stem. 1/8" square end adjusts Sporlan solenoid valves with manual lift stems.

- Also 3/16" square at same end for expansion

YELLOW JACKET

Part No.	Description	Price
60617	Sporlan Valve Wrench	66.22

HEX KEY ADAPTER



- One adapter works for 3/16" and 5/16" hex valves

YELLOW JACKET

Part No.	Description	Price
60609	Hex Adapter	13.30

HEX KEY ADAPTER



- Fits 1/4" square drive shanks

Malco

Part No.	Description	Price
RRW316	Hex Adapter, 3/16"	7.28
RRW516	Hex Adapter, 5/16"	7.28

TOOL SET

INSULATED TOOL KIT, 8-PIECE



Compact assortment of 8 popular insulated tools:

- High leverage plier, side cutting
- High leverage plier, diagonal cutting
- Heavy duty long nose plier, side cutting
- Heavy duty round shank screwdriver, keystone tip
- Round shank screwdriver, cabinet tip
- Round shank screwdriver, phillips Tip
- High-Leverage Cable Cutter
- Wire Stripper/Cutter
- Highly durable, black, nylon case (15 1/2" W x 11" D x 2 1/2" H)
- Insulated tools exceed IEC60900, ASTM F1505 standards, 1000 volt

KLEIN TOOLS

Part No.	Description	Price
33526	8-Piece Insulated Tool Kit	685.38

JOURNEYMAN™ SET, 18-PIECE



Includes the following Journeyman™ tools:
1 side-cutting plier, 1 diagonal-cutting plier, 1 long-nose plier, 1 pump plier
Also includes:
1 adjustable wrench, 1 phillips-tip screwdriver, 1 wire-bending screwdriver, 2 cabinet-tip screwdrivers, 1 Rapi-Driv® screwdriver, 1 square-recess tip screwdriver, 2 nut drivers, 1 power-return rule, 1 Klein-Kurve® wire stripper/cutter, 1 protective eyewear, 1 Powerline™ work belt, a 10-pocket tool pouch

KLEIN TOOLS

Part No.	Description	Price
80118	18-Piece Journeyman™ Tool Set	372.11

HAND TOOLS

TOOL SET

JOURNEYMAN™ SET, 41-PIECE



Includes the following tools:
1 side-cutting plier, 1 diagonal-cutting plier, 2 long-nose pliers, 1 pump plier, 1 crimping/cutting tool, 1 cable cutter
Also includes:
2 Klein-Kurve® wire strippers/cutters, 1 Klein-Kurve® utility knife, two adjustable wrenches, 3 keystone-tip screwdrivers, 3 cabinet-tip screwdrivers, 2 phillips-tip screwdrivers, 1 wire-bending screwdriver, 1 square-recess tip screwdriver, 1 Rapi-Driv® screwdriver, 1 conduit fitting & reaming screwdriver, 1 hex-key set (12-piece), 7 nut drivers, 1 awl, 1 torpedo level, 1 protective eyewear, 1 cable splicer's kit, 1 canvas zipper bag, 1 power-return rule, a 120' Speedway® fish tape, 1 shoulder strap, an 18" 10-pocket tool bag.

KLEIN TOOLS

Part No.	Description	Price
80141	41-Piece Journeyman™ Tool Set	863.37

KNIFE/SAW

UTILITY



- One piece titanium covered nose eliminates spreading
- 3 Titanium edge blades
- Retractable

LENOX

Part No.	Description	Price
20353	Lenox®Gold™ Utility Knife	23.57
20350	Lenox®Gold™ Utility Knife Blades, pkg of 5	3.90

UTILITY



NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
DMK6H	Standard Utility Knife, Retractable Blade	Call
N66375	Heavy Duty, Auto Lock, 8 Pt. Breakaway Knife	Call
N66385	Deluxe, Auto Lock, 13 Pt. Breakaway Knife	Call
RBDMK6H	Replacement Blade DMK6H, 5 Pc.	Call
N66372	Replacement Blade, 8 Pt., 5 Pc.	Call
N66378	Replacement Blade, 13 Pt., 5 Pc.	Call

FOLDING UTILITY



- Locks securely and folds to a compact size
- Ergonomic, rubberized grip
- Uses standard GOLD5C blade

LENOX

Part No.	Description	Price
10771	Lenox®Gold™ Fold/Lock Utility Knife	20.64

HACKSAW, HIGH TENSION



- Blade tensions to 50,000 psi
- Tensions quickly in 12 turns maximum
- Converts to jabsaw
- Stores up to 5 blades
- 45° blade position for flush cutting

LENOX

Part No.	Length (In.)	Description	Price
HT50	12	Hacksaw Frame	37.37

MINI BLADE HOLDER



- Uses standard hacksaw blade (included)
- Aluminum handle, for hard to reach applications

LENOX

Part No.	Description	Price
L975	Blade Holder	12.81

HACKSAW



NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
NRE30014	14" Wood/PVC Saw	Call
NRE80175	Pistol Grip Mini Hacksaw	19.20
NRE80314	Replacement Mini Hacksaw Blade, Pkg. of 5	Call

PVC



- Carbon steel blade
- Cuts plastic, nail embedded wood and drywall

LENOX

Part No.	Length (In.)	Description	Price
HSF12	12	Blade & Handle	26.31

TRI-FOLD®



- Blade folds safely away
- Locks in 3 positions
- Accepts reciprocating blades with 1/2" tang

LENOX

Part No.	Description	Price
20997	Saw w/ 2 Blades, for Plaster, Wood & Metal Cutting	34.39

CLOSE QUARTER



LENOX

Part No.	Description	Price
20908	Close Quarter Saw	Call
20906	Replacement Blade, 6", 32 TPI	Call

HAND TOOLS

SCRIBE/AWL

SCRATCH AWL



Part No.	Description	Price
N9041	Scratch Awl	Call

SCRATCH AWL



Blades are high carbon, alloy tool steel fully polished to resist rust. Blade tapers to a fine point and may be resharpened many times.

Part No.	Handle	Blade Size (In.)		Overall Length (In.)	Price
		Dia.	Length		
MA20	Regular	1/4	4	7-3/4	7.06
MA2					6.65
MA3	Large Diameter	3/8	5	7-1/2	10.37

3-1/2" CUSHION GRIP SCRATCH AWL



Features:
- Professional, heavy duty
- Scribes metal, start screw holes, performs a variety of piercing and punching jobs
- Cushion-Grip handle allows for greater comfort

Part No.	Handle	Blade Length (In.)	Overall Length (In.)	Price
K650	Regular / Cushion Grip	3/1/02	7/7/08	16.56

SCRIBER



Solid carbide tip for scribing fine lines on hardened steel as well as glass, plastics or sheet metal. Retractable tip is easily replaceable.

Part No.	Description	Price
A50SCRIBE	Carbide Tip Scriber	Call
A50R	Replacement Tip	9.95

DIVIDER



- Accurate and fast adjusting
- Points are easily resharpened or replaced
- Nickel plated steel body

Part No.	Maximum Diameter Circle (In.)	Overall Length (In.)	Price
18	32	11	15.95
24	42	13.50	112.86

SCRAPER

TRAMMEL POINT



- Expands to a 42" radius (84" diameter)
- All steel construction
- Points can be sharpened and replaced
- Nickel plated telescoping arms
- TRP – 1 pair replacement points

Part No.	Radius (In.)		Overall Storage Length (In.)	Price
	Min.	Max.		
TR42	12	42	24	29.09

PUTTY



Part No.	Description	Price
N2425	Chisel Scraper, 1 1/4" W	Call
N2426	Putty Scraper, 3" W	Call

GASKET



Part No.	Description	Price
N0485	Gasket Scraper	18.16

FILE



Part No.	Length (In.)	Description	Price
NRE22341	8	Mill Bastard File	11.80

FASTENER

HAND RIVETER



2IN1: One hand operation with normal squeezing action provides enough pulling power to set all popular size rivets. 2-in-1 adjustment features a single long stroke for most hand riveting applications and a short "ratchet action" power stroke for setting larger diameter rivets. Outside jaw-grip adjustment wheel opens and closes jaws with fingertip ease to fit any size mandrel and to obtain maximum stroke efficiency.

Part No.	Description	Price
2-IN-1	Hand Riveter, Includes 3 Nose Pieces: 1/8", 5/32" and 3/16"	82.02
CR18	Economy Riveter, Includes 4 Nose Pieces: 3/32", 1/8", 5/32", 3/16"	34.06

HAND TOOLS

RULE

POWER TAPE



Rugged and durable. Exclusive no-drift locking action for accurate readings. Easy to read vertical numbering. Decimal equivalents for fast Calculations

NATIONAL REFRIGERATION PRODUCTS

	Tape		
Part No.	Length (Ft.)	Width (In.)	Price
N9060	16	3/4	Call
N9061	25	1	Call

POWER TAPE



- Large magnetic dual-end hook allows for easier one-person measurements on ferrous metals.
- Large dual-end hook with doublesided blade for easy measurements, markings, and drawings. Comfortable rubber grip built into case for positive gripping and impact resistance. Positive blade lock holds blade securely in place.
- Oversized easy-to-read blade numbers.

KLEIN TOOLS

	Tape		
Part No.	Length (Ft.)	Width (In.)	Price
86225	25	1	29.82

POWER TAPE



Features:

- Non magnetic
- Double riveted tip connection
- Rubber-clad housing

Malco

	Tape		
Part No.	Length (Ft.)	Width (In.)	Price
CT425	30	1	11.02

STRAIGHT EDGE RULE



- .125 thickness extruded aluminum
- Red markings on gray finish
- Graduations in 8th and 16th

Malco

Part No.	Description	Price
48AR	Aluminum Straight Edge, 4' Long	16.19

DIGITAL CALIPER



- 6" Stainless Steel Caliper
- Tri-Mode digital display inches, millimeters, and fractions
- For making inside, outside, depth and step measurements
- Auto off feature preserves battery life
- Bar scale is graduated in inches and millimeters
- Free-wheeling friction roller advances and retracts slide
- Extendable depth gage for use in slots and small holes
- Convenient foam-padded case for storage
- Flashing display indicates low battery
- Replacement Battery - LR44

IRP International Refrigeration Products

Part No.	Description	Price
4100112	Resolution 0.0005" (0.01mm), Accuracy 0.001" (0.02mm)	31.52

CALIPER



Metric and English Vernier Caliper

IRP International Refrigeration Products

Part No.	Description	Price
G729	0-4" range, 1/32" and mm grad	13.98
G722	0-5" range, 1/28" and mm grad	14.98

FOLDING



- Strong, 6' long hardwood rules with clear abrasion-resistant coating.
- Black markings on yellow, with red stud center markings every 16 "
- Measurements are marked on both sides and both edges, and graduated to 1/16"
- Riveted lock joints are designed for long wear and maintained accuracy.

KLEIN TOOLS

Part No.	Description	Price
900-6	Rule, Folding, Wood, 6', Inside Reading	37.38
901-6	Rule, Folding, Wood, 6', Outside Reading	37.38

HAND TOOLS

LEVEL

TORPEDO



Part No.	Description	Price
N9064	Torpedo Level, 9" Aluminum	Call

LEVEL



- Powerful Rare Earth magnets hold firmly to iron and steel surfaces
- Strong, extruded aluminum frame features a convenient built-in hang hole

KLEIN TOOLS

Part No.	Description	Price
935R	Rare Earth Magnet Torpedo Level	26.58

LEVEL



- Top reading aluminum level with magnetic base
- duplex milled aluminum frame with"cycolac" end plates

Malco

Part No.	Description	Price
L5	Pocket Level	6.65
L9M	Torpedo Level	21.72

SAFETY

GLASSES



Part No.	Description	Price
N164002	Uvex Astrospec Safety Glasses	Call
N8500V	Disposable Dust Mask, pkg 5	4.10

GLASSES



Part No.	Description	Price
7C235	Polycarbonate, Anti-Fog Goggles, Splash Proof	7.20

SHOE COVER



Part No.	Description	Price
NSC	Shoe Cover, pkg of 100	12.90

FIRST AID KIT



Part No.	Description	Price
N5290	Personal First Aid Kit	Call

FIRST AID KIT



Part No.	Description	Price
2167FAK	First Aid Kit 10 Person	29.00

RAIN GEAR



Part No.	Description	Price
S61317L	Rain Suit Large	17.90
S61317XL	Rain Suit X-Large	17.90

WORK GLOVE



Part No.	Description	Price
A713	12" Long Blue Rubber Glove	Call
A761	Knit Wrist Black Rubber Glove	Call
A1321	Brown Jersey Glove	Call
R5234	Industrial Leather Palm Glove	Call
R5281	Leather Drivers Glove	Call
R5286	Unlined Leather Glove	Call
R5287	Lined Leather Glove	Call
R5288	Powerdot Grip Glove, Large	Call
R5289	Redboar Pigskin Glove, Large	Call
R5290	Nitrile Palm Coated Glove, Large	Call
NGM	Patented Nitrex® Polymer, Medium, Black, 100 pc.	20.12
NGL	Patented Nitrex® Polymer, Large, Black, 100 pc.	20.12
NGXL	Patented Nitrex® Polymer, Ex. Large, Black, 100 pc.	20.12

HAND TOOLS

SAFETY

ECONOMY GLOVES

Part No.	Description	Price
99443XL	Economy Mechanics Gloves XL	11.90
755C-T	Brown Jersey w/Lining	3.60
750-T	Brown Jersey One Size	1.57
994L-T	Drivers Gloves Pigskin Unlined	10.00
988KTL-T	Russett Split Cowhide Driver w/Thinsulate	13.20
1047-T	Gloves Gauntlet 14"	4.64
708SLCMEN	Latex Coated Knit-Blue Palm One Size	3.41
99444XL	Padded Palm Mechanics Glove XL	18.00
98008L	Blue Nitrile Gloves Large 100/Box 6Mil	26.40
98008XL	Blue Nitrile Gloves X-Large 100/Box 6Mil	26.40

HEAVY DUTY



- Streamlined high-density accordion knuckle panel reduces impact.
- High profile, impact absorbing molded thermal plastic rubber finger protection.
- Non-slip rubberized Zeus™ Clarino® finger and thumb grippers and panel on heel of hand provide grip control and longer wear.
- Synthetic leather with breathable mesh side-insert finger panels for comfort and flexibility.
- Thermal plastic rubber cuff strap with hook and loop closure.
- Neoprene cuff allows easier access with additional wrist protection and comfort.

KLEIN TOOLS

Part No.	Size	Price
40219	Extra Large	55.44

STORAGE

TOOL TOTE



NRP NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
NBTOTE	Blue, Canvas, 6 x 6 x 12" Long	Call

TOOL BAGS



VETO PRO PAC TOOL BAGS THAT WORK

Part No.	Description	Price
TP3	HVAC Series Bag 19 Pockets 9 x 7 x 5	49.95
MB	HVAC Series Bag 10 Pockets 9 x 8 x 3	49.95
TECHLC	HVAC Series Bag 53 Pockets 19 x 13.5 x 7	199.95
LC	Open Top Tool Bag 57 Pockets 19 x 13.5 x 9.5	174.95
CP4	Cargo Pac	49.95
MB2	Meter Bag	64.95
TECH-MCT	Compact Service Tool Bag	159.00
TECH-PAC	56 Pocket Backpack	269.95

TOOL TOTE



- Constructed of rugged, 600 x 300 denier polyester to resist wear and tear on the jobsite.
- 2" wide, 900 lb-test, polypropylene padded carrying handles with comfortable leather wrap.
- Water-resistant to avoid the build-up of mold and mildew.
- Pockets hold a wide assortment of tools and supplies.
- Durable molded bottom with drain holes to prevent water retention.
- Contoured, padded, slip-resistant shoulder strap for hands-free mobility

KLEIN TOOLS

Part No.	Description	Price
58888	7 External Pockets, 5 Internal Pockets, 15 1/2" x 7 1/2" x 10"	125.02
58890	10 External Pockets, 7 Internal Pockets, 15 1/2" x 8" x 10"	142.68
55421-BP14	5 Exterior Pockets, 34 Internal Pockets, 18" x 14" x 7"	146.28

CANVAS TOOL BAG



- Heavy-duty No. 8 natural canvas.
- Rivet-reinforced for durability.
- Steel-frame mouth with hinge for rugged use.
- Stitched and riveted leather handles for comfort and strength.
- Two retaining straps with buckles provide secure closure.
- Bottom and lower sides are covered with moisture-resistant vinyl.
- Non-scratch studs on base protect against wear.

KLEIN TOOLS

Part No.	Description	Price
5102-16SP	Canvas Tool Bag, 16" L x 6" W x 14" H	114.46

HAND TOOLS

STORAGE

CANVAS ZIPPER BAGS, 4-PACK



- Constructed of No. 10 canvas with heavy-duty brass zipper.
- Convenient storage for pliers, wrenches, screwdrivers, nut drivers and other tools and spare parts.

KLEIN TOOLS

Part No.	Description	Price
5140	Canvas Zipper Bags, 4 Assorted Colors: Olive, Orange, Royal Blue, Yellow, 7" H x 12 1/2" L	12.69

STORAGE BOX



KLEIN TOOLS

Part No.	Description	Price
K54440	21 Compartment	44.16

PARTS DRAWER



- Compartment box: 13 3/8 x 9 1/4 x 2" (L x W x H)
- Lid and handle

NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
N5444	Compartment Box	Call
N8201C	13 Compartments	12.50
N8202C	18 Compartments	12.90
N8203	24 Compartments	17.40

TOOL POUCH



- Soft, pliable, white leather.
- Riveted and stitched for extra durability.
- Heavy-duty chain tape thong securely fastened with a rivet.
- Belt connection: tunnel loop

KLEIN TOOLS

Part No.	Description	Price
5178	Tool Pouch, 11" x 10", 2 1/2" Belt Width	150.70

COMPRESSOR TOTE



Electro plated strong steel construction. Recommended for use with all compressors up to five tons.

DIVERSITECH

Part No.	Description	Price
ACT6	Compressor Tote	103.24

PLASTIC CARRIER



NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
N26000	Handy Tote	Call

PAIL



- Order the lid separately

Part No.	Description	Price
PAIL5GW	5 Gallon Pail, White, Empty	8.61
SLID5GW	Lid for 5 Gallon Pail (C5G)	2.50

SCALE

PLATFORM



Part No.	Range Graduations (Lbs.)	Description	Price
M79040	0 to 250 x 1	18 Ga Steel Platform	195.83

SPILL RESPONSE

SHOP TOWEL



NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
N1200	Cotton Rags, 5 Pc.	Call
N3125	Shop Towels, 10 Pc.	Call

BULK COTTON



Part No.	Description	Price
539-05	Bulk Cotton Rag, Lint Free, Blue, 5lbs.	21.60

HEAVY DUTY CLEAN-UP BAG

3 Mil, 42 GAL capacity

Part No.	Description	Price
PYFG-P9941-05	32" x 50", 20 Bags	38.20

HAND TOOLS

SPILL RESPONSE

OIL DRY

Part No.	Description	Price
OILDRI	Chemical Absorbent Clean-Up Aid, 40 Lb Bag	Call

GREENSORB



Part No.	Weight (lbs.)	Description	Price
GS-4	4	Eco-Friendly Sorbent	11.25
GS-10	10	Eco-Friendly Sorbent	27.50
GS-25	25	Eco-Friendly Sorbent	43.50
GS-275	275	Eco-Friendly Sorbent	349.99

HD WIPING CLOTH



Part No.	Package Qty.	Description	Price
644705	100	HD Wiping Cloth, White	14.00

MIRROR

INSPECTION



Part No.	Description	Price
NUC20	Telescoping Round Mirror	Call
NUC2H	Refill Head for NUC20	Call
NUK20	Telescoping Square Mirror	Call
NUK2H	Refill Head for NUK20	Call

INSPECTION



Part No.	Description	Price
G555	8" long, 1-1/4" diameter	8.05
G557		11.52
G558	9" long, 1" x 2" oval mirror	9.66
G560		12.82
G560RMF		7.66

NON-INVERTED IMAGE INSPECTION MIRROR



This mirror presents a true Non-Inverted image, making it a must to read those hard to read serial numbers.

Part No.	Description	Price
RSIM1	Rite-Site Non-Inverted Image Inspection Mirror	22.00

FLASHLIGHT



Part No.	Description	Price
4100106	Flashlight, 3D Battery, Mag Style	Call
4100107	Replacement Bulb for 4100106	Call
4100109	Replacement Bulb for 4100108	Call

BATTERY



- Industrial alkaline battery

Part No.	Description	Price	Price/Ea.
B31900	9 V	2.83	5.20
B32340	AA	0.95	1.46
B32380	AAA	0.97	1.50
B32300	C	1.45	2.56
B32270	D	1.67	3.20

HOLSTER



Part No.	Description	Price
M79226	Plain Black Leather Holster, AA Size	11.13

MAGLITE®



The original Maglite® with cam driven focusing and superior shock and water performance.

Part No.	Description	Price
M79203	2-D Cell Flashlight, Black	40.88
M79204	3-D Cell Flashlight, Black	42.57
M79210	4-D Cell Flashlight, Black	42.00

HAND TOOLS

FLASHLIGHT

FLASHLIGHT



Part No.	Description	Price
HYBBK	Remix Hybrid Headlamp LED 3AAA	50.50
HYBUVBK	Remix Hybrid Headlamp UV LED 3AAA	63.00
AMP35BK	Maxbright LED Flashlight	38.00
LG1BK	League 100 Flashlight	53.00
MPLS1HAT	Point Hat Clip Light	16.98
AMP1LBBK	Marker Light Flashlight	18.00
FUEL4BK	Fuel LED Headlamp 3AAA	36.00
IMP1BK	Impulse Multi Task Light	11.98

FLASHLIGHT



Part No.	Description	Price
51016	3AA Luxeon Light	68.29
68202	4AA LED Yellow	43.86
51043	Twin Task Light	66.30
61101	Black Clip Mate	28.09
66118	Stylus Pro	34.34
61302	Argo HP	58.00
71500	Jr Luxeon	55.08
71600	Jr Luxeon Reach	68.67
72001	Key Mate	17.15
65018	Stylus	23.81

LED UPGRADE



Part No.	Usage	Price
M79232	LED upgrade for AA Maglite	19.26

FLASHLIGHT BULB



- Maglite flashlight bulbs

Part No.	Package Qty.	Description	Price
M79223	—	AA, AAA Replacement Bulb	3.11
M79221	2	Standard Krypton Bulb, 2-D	5.16

LAMP & EXTENSION CORD

Part No.	Description	Price
W0691	Trouble Lamp, 25ft, 14/3	34.71
W0692	Trouble Lamp, 50ft, 16/3	53.88
W0625	Extension Cord, 25ft, 14/3	30.21
W0626	Extension Cord, 50ft, 14/3	42.66
W0627	Extension Cord, 100ft, 14/3	81.20
N5231	75W Rough Service Bulb	1.94
N52322	100W Light Bulb (2pk)	4.20

BRUSH

BRUSH



FLUE & BOILER TUBE BRUSHES

Part No.	Description	Price
01212	1/2" Dia. SS 24" Long	6.21
01264	3/4" Dia SS 36" Long	8.09
01270	1" Dia SS 36" Long	8.95
01274	1-1/2" Dia SS 36" Long	9.24
01324	2" Dia SS 48" Long	11.69
01400	2" Dia CS 42" Long	10.68
01460	1-1/2" Dia Nylon 30" Long	5.64
01475	1" Dia Nylon 36" Long	6.43
01480	2" Dia Horsehair 42" Long	9.38
01520	2" Dia Nylon 24" Long	5.81
04882	1/4" Dia Nylon 6-1/4" Long	2.32
39920	2-1/4" Dia Horsehair 30" Long	9.75
39964	3" Dia Nylon 27" Long	6.87
M84007	1/2X1 Flat Boiler Brush 48"	13.21
M84027	1-7/8 x 1-1/8 Tapered 42" Long	8.49
84200	1-1/2 x 1-1/8 Boiler Brush 30" Long	8.49

REFRIGERATION BRUSH

Part No.	Description	Price
14FB	1/4" SS Heavy Duty	Call
38FB	3/8" SS Heavy Duty	Call
12FB	1/2" SS Heavy Duty	Call
58FB	5/8" SS Heavy Duty	Call
34FB	34" SS Heavy Duty	Call
78FB	7/8" SS Heavy Duty	Call
118FB	1-1/8 SS Heavy Duty	Call
138FB	1-3/8" SS Heavy Duty	Call
158FB	1-5/8" SS Heavy Duty	Call
218FB	2-1/8" SS Heavy Duty	Call
94000	1/4" SS Standard	17.60
94010	3/8" SS Standard	3.24
94020	1/2" SS Standard	25.30
94030	5/8" SS Standard	2.90
94040	3/4" SS Standard	2.99
94050	7/8" SS Standard	3.07
94070	1-1/8" SS Standard	3.61

HAND TOOLS

BRUSH

CONDENSER TUBE BRUSH

Part No.	Description	Price
65135	3/8" SS	9.09
65165	3/4" SS	9.54
65250	3/8" Brass	8.66
65260	1/2" Brass	9.03
65270	5/8" Brass	9.03
65280	3/4" Brass	9.87
65365	3/8" Nylon	25.82
65375	1/2" Nylon	6.28
65385	5/8" Nylon	6.46
65395	3/4" Nylon	6.46
65405	7/8" Nylon	Call
65415	1" Nylon	6.66

EXTENSION ROD

Part No.	Description	Price
65000	3' Fiberglass Extension Rod With T Handle	10.69
65001	T Handle	2.94
65002	3' Steel Extension Rod	18.40
65006	T Handle For Steel Extension	3.12

ACID BRUSH

Part No.	Description	Price
70210	#1 Acid Brush 1/4"	130.39
70230	#3 Acid Brush 1/2"	0.29
70240	#4 Acid Brush 3/4"	1.24

ECONOMY PAINT BRUSH

Part No.	Description	Price
70440	1" Natural Bristle	1.18
70450	1-1/2" Natural Bristle	1.65

PARTS CLEANING BRUSH

Part No.	Description	Price
70510	#10 Black Crimped	5.86

SCRATCH BRUSH

Part No.	Description	Price
70540	Straight Back 6 x 19 Rows	6.74
70550	Bent Handle 4 x 18 Rows	5.32
70570	Shoe Handle 4 x 16 Rows	5.32
70606	Bent Handle 3 x 19 Rows	5.11

CHIP



100% pure bristle, wood handle. Poly sleeve over bristles. Excellent for applying duct adhesive.

Part No.	Width (In.)	Price
B503B	2	0.74
B504B	2-1/2	Call
B505	3	Call

FITTING



- Stainless steel wire brush
- Double spiral 4-ply wire construction
- Solid plastic hand-fitting handle

Part No.	Brush Diameter (In.)	Price
14FB	1/4	3.02
38FB	3/8	5.28
12FB	1/2	5.28
58FB	5/8	5.28
34FB	3/4	5.28
78FB	7/8	5.28
118FB	1-1/8	5.60
138FB	1-3/8	5.98
158FB	1-5/8	6.62
218FB	2-1/8	7.02

BRUSH



Part No.	Description	Price
N2310	Curved Handle Wire Brush	Call
N2311	Shoe Handle Wire Brush	Call
N2411	2" Flat Varnish Brush	Call
N2421	Parts Cleaning Brush	Call
N2422	Tampico Parts Cleaning Brush	Call

WIRE



Wire brush for cleaning all metals.

Part No.	Description	Price
B4W	Welders Brush, Stainless Steel Bristles	2.78

WHISK



Part No.	Description	Price
B26FW	Fin Whisk	3.52

FIN TOOL, METAL



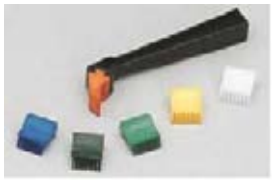
All metal long lasting fin straightener. The heavy duty spring wire bristles automatically adjust to ALL fin spacings. Tension adjustment band is featured to allow maximum rigidity and ease of operation.

Part No.	Description	Price
410-0066	Fin Tool	7.82
T300	Fin Tool, Heavy Duty Handle	8.86

HAND TOOLS

BRUSH

FIN TOOL, MULTI HEAD



Each nylon head slides into the master handle and tightens in place. Each head is engraved with its own size and is color coded for fast identification.
The heads are angled so that when inserted in the handle, the hand is a safe distance from the sharp fins. Heads may also be reversed in the handle, so that combing with an upward stroke (recommended method) may be done easily.

DIVERSITECH

Part No.	Fins/Inch	Description	Price
T100	8,9,10,11,12,14	Kit (Handle)	22.64

FIN STRAIGHTENER



Both tools feature one-piece adjustable combs. The resilient nylon comb material will not damage the soft aluminum fins of condenser or evaporator units.

Malco

Part No.	Fins/Inch	Description	Price
FST	8,-10,-12,-14	Fin Straightener	12.40
FST2	16, 18, 20, 22	Fin Straightener	12.40

FIN COMB



Supco

Part No.	Fins/Inch	Color	Price
FC0810	8 & 10	Orange	0.79
FC0915	9 & 15	Yellow	0.79
FC1113	11 & 13	Blue	0.79
FC1214	12 & 14	Green	0.79
FC1617	16 & 17	Lime	0.79
FC1820	18 & 20	Red	0.79
FC2224	21/22 & 23/24	Purple	0.79
FCR6	Set of 6, FC0810 - FC1820		4.50

FIN JACK



- Straightens and separates bent fins quickly and easily

Supco

Part No.	Fins/Inch	Color	Price
FPT10	9 & 10	Black	17.90
FPT13	11, 12 & 13	Orange	19.00
FPT15	14, 15 & 16	Red	20.00

CONDENSER TUBE BRUSH, NYLON



- Nylon bristles
- Single spiral/single stem construction
- Brush length: 4"
- Female couplings: 12–24 threads

IRP International Refrigeration Products ANCHOR

Part No.	Brush Diameter (In.)	Price
437BN14*	1/4	Call
437BN38	3/8	3.26

* Length 3", thread 8-32

ACID



Select horsehair bristles pressed securely in tin handles
- Brush width: 3/8"
- Handle length: 5"

IRP International Refrigeration Products ANCHOR

Part No.	Carton Qty.*	Description	Price
AB	0.46	Acid Brush	0.18

EXPANDO ADJUSTABLE TUBE CLEANER



Fast, thorough, economical way to remove mineral scale and sludge from inside water-cooled condenser tubes. Attaches to a threaded rod which fits into the handle or your electric drill. This tool may be expanded or reduced in diameter to fit scale deposits.

DIVERSITECH

Part No.	Description	Price
E5	5/16" to 3/8" ID Tubes	43.20
E6	3/8" to 1/2" ID Tubes	40.96
E8	1/2" to 5/8" ID Tubes	40.96
E10	5/8" to 1" ID Tubes	7.35
EC56	Coupling for E5 & E6	4.24
EC810	Coupling for E8 & E10, Rods	4.04

HAND TOOLS

ROPE



High strength polyester, braided, low stretch

Part No.	Diameter (In.)	Cord Length (Ft.)	Price
N120	1/2	50	24.10
N380	3/8	50	17.40

TEST LEAD



Part No.	Package Qty.	Description	Price
N5031	8	Leads, Color Coded, Alligator Clip, Small	8.22
N5032	2	Leads, 18" Wire, Alligator Clip, Medium	8.60
N5035	4	Alligator Clip, 2", Medium	4.20
N5036	2	Test Clip, 2-1/2", Large	5.70
N5042	2	EZ Hook, 18 Ga.	20.90
N6025	3	Compressor Lead Kit	10.00

Note: *Carton quantity for ordering convenience only.

MATCH HOLDER



Retracts to 5" long. Made of durable chrome plated brass. Match can be quickly inserted.

- Extends to 26 3/4"

Part No.	Description	Price
R1	Match Holder	11.52

LUBRICATION

GREASE GUN ACCESSORIES



Part No.	Description	Price
N1212	12" Grease Hose	Call
N1218	18" Grease Hose	Call
N0531	Coupler, 1/8" FPT	Call
N3124	14 Oz. Grease Cartridge	Call
N3127	Mini Grease Cartridge, Pkg. 2	Call

GREASE FITTING



- Assortment includes:
  8 – 1/8" MPT straight
  12 – 1/4"–28 MPT straight
  4 – 1/8" MPT 90°
  5 – 1/4"–28 MPT 90°

Part No.	Description	Price
N6310	29 Pc. Assortment	28.10
N6312	8 Pc., 1/8" FPT Straight	7.00

GREASE FITTING KIT



Eliminates need for cover removal and equipment disassembly. Furnished complete with 10' of high pressure tubing and all required fittings for installation.

Part No.	Description	Price
GFK1	Grease Fitting Kit	31.90

GREASE (DRYDEN)



Part No.	Description	Price
D53133	Lithium e.p. Grease 14 Oz cartridge	5.21
D55173	Pyroplex Blue 14 Oz Cartridge	5.66
D52113	Pyroplex Es Nlgi#2 14 Oz Cartridge	9.04
D52253	Pyroplex Ep Grease 14 Oz Cartridge	5.70

GREASE GUN & ACCESSORIES (PLEWS)



Part No.	Description	Price
P30300	STD Duty Pistol Grease Gun	17.08
P30465	Lever Grease Gun	18.41
P30-192	Mini Grease Gun Kit	14.05
P11312	Multi Purpose Grease Cartridge(4/Pk) For Mini	8.45
P10-219	Standard Duty 18" Flex Hose	6.48
P05031	Coupler	2.60
P11954	Grease Fitting Assortment	25.96

HAND TOOLS

LUBRICATION

CAULK GUN



Part No.	Description	Price
N28CG	Caulking Gun	Call

CAULK GUN

Part No.	Description	Price
7200	Caulking Gun	9.56

GREASE GUN



- Cartridge not included

Part No.	Description	Price
N3100	Grease Gun, 14 Oz. Cartridge	Call
N3132	Mini Grease Gun	Call

MAX FLO OIL PUMP



- Automatic bleed valve with no moving parts equalizes pressure
- inside and outside of the oil container
- Pumps against 200 psi pressure
- Comfort-grip rubber handle
- Compatible with all oil types (synthetic-mineral-polyester)
- Fits all 1, 2 1/2 and 5 gallon containers

Part No.	Description	Price
NFP	Max Flo Oil Pump	Call

COMBINATION OIL PUMP



- Pumps 2.6 ounces per stroke
- Pumps against 250 psi pressure
- Universal stopper automatically adjusts to all standard openings in 1, 2 1/2 and 5 gallon oil containers
  Suction transfer hose and fittings included. Connects to bottom of unit to pump oil from equipment quickly and efficiently
- Use with alkyl-benzene, ester-based, polyol ester, mineral, and synthetic oils

Part No.	Description	Price
77940	Container Oil Pump	228.89

OIL PUMP



- Pumps 3.8 ounces per stroke
- Foot stand base provides support and leverage
- Operating unit in reverse with adapter hose accessory removes oil from equipment quickly and efficiently
- Use with alkyl-benzene, ester-based, polyol ester, mineral, and synthetic oils
- Will pump against 250 psi pressure
- 77939: optional 3/8" drain hose, 2' long

Part No.	Description	Price
77930	Foot Stand Hand Oil Pump	281.78

SHEET METAL TOOL

FOLDING TOOL



Folding seams are formed from two steel halves, permanently joined together. Handy sight holes assure proper depth alignment.

Part No.	Length (In.)	Fold Depths (In.)	Price
M18F	18	3/8, 1	21.64
24F	24	3/8, 1	28.68

MINI BRAKE



Make big or small fabrications on the job with this lightweight and portable tool! The versatile Mini Brake produces bends up to 135 degrees in sheet metals, including aluminum, copper and 22-gauge galvanized steel. The brake's compact size can accommodate sheet metal stock up to 4-feet wide and as small as 4 inch square, in any length, because there is no fixed throat depth to contend with.

Features

- Bends narrow roof-flashing strips
- Ideal for fabricating plenums or large transitions at the job site
- Dual-direction, cam-over style keep anvil secure in any position
- Optional Leg Kit

Part No.	Shipping Weight (Lbs.)	Description	Price
MB48A	72	Mini Brake	427.29

TINNERS CIRCUMFERENCE RULE



Standard bench rule with circumference readings for sheet metal work. Made from semi-flexible, heat treated steel. Deep electro-etched markings, black filled for easy reading.

- 1 1/4" wide x 1/16" thick
- Upper scale graduations: increments to 1/16" both sides
- Lower scale graduations: 150 circumference inches in 1/8" increments both sides

Part No.	Description	Price
48BS	Circumference Rule	73.32

HAND TOOLS

SHEET METAL TOOL

PIPE CRIMPER



- 5-blade pipe crimper.

Malco

Part No.	Throat Depth (In.)	Price
C5	1-5/8	36.09

DUCT STRETCHER



Use the duct stretcher to hold duct in place with one hand while slipping drive cleat in place with other hand.

Malco

Part No.	Description	Price
DS1	Duct Stretcher, Straight	26.97
DS2	Duct Stretcher, Offset	28.60
DS1C*	Replacement Wheels, Nuts, Screws (DS1, DS2, DS3)	7.87

*2 ea.

LOCKING DUCT STRETCHER



Locking duct stretcher pulls duct sections together and holds them in place while freeing both hands to align and install drive cleats. An over center wheel location on the tool's moveable arm produces a self locking cam action as wheels grasp the flanges of adjoining pieces of duct.

Malco

Part No.	Description	Price
DS3	Duct Stretcher, Locking	Call

ALUMINUM HANDLE SNIP



- Cuts straight, mild curves, and multiple layers
- Cuts to 24 ga. metal
- M12RB: Replacement blade for M12

Malco

Part No.	Length (In.) Cut	Overall	Price
M12N	3	12	34.42
M14A M14A	3-1/4	14	69.54

PIPE DUCT CUTTER



3-Blade tool cuts from center taking out 1/8" track and leaving both edges clean.

LENOX

Part No.	Description	Price
22213	Pipe Duct Cutter (Double Cut)	Call

ALUMINUM HANDLE COMBINATION



Versatile for cutting sheet metal stock, including metal ductwork or aluminum, steel, and vinyl siding. For straight, left or right cuts to 6" diameter. A rugged cast aluminum frame is half the weight of comparable size forged steel snips. Separate inset blade components permit the use of "cutlery grade" high carbon steel that is heat treated and tempered to stay sharper longer. Blades are replaceable.

Malco

Part No.	Length (In.) Cut	Overall	Price
MC12N	3	12	38.82
MC14N	3-1/4	14	43.02

AVIATION SNIP



NATIONAL REFRIGERATION PRODUCTS

Part No.	Cut Style	Price
N9042	Right-Cut	Call
N9043	Left Cut	Call
N9044	Straight Cut	Call
NP6510-L	Offset Left and Straight	Call
NP6510-R	Offset Right and Straight	Call
NP6716-B	Bulldog	Call
N6900L	Upright Left Cut	Call
N6900R	Upright Right Cut	Call

AVIATION SNIP



- Cuts to 18 ga. metal, 22 ga. stainless steel

LENOX

Part No.	Cut Style	Price
22101	Left and Straight	Call
22102	Right and Straight	Call
22103	Left, Right and Straight	Call
22105	Bulldog	Call
22206	Offset Left	Call
22207	Offset Right	Call

AVIATION SNIP



KLEIN TOOLS

Part No.	Description	Price
J2100L	Left Cut	47.70
J2101R	Right Cut	47.70
J2102S	Straight Cut	47.70

HAND TOOLS

SHEET METAL TOOL

NOTCHER



Makes a clean 30° "V" shaped cut in sheet metal.

LENOX

Part No.	Description	Price
22211	Notcher, 1" Max Throat Depth	Call

NOTCHER



Notcher makes a clean 30° "V" shaped cut in sheet metal.

Malco

Part No.	Throat Depth (In.)	Price
N1R	13/16	51.93
N2R	1	54.84

HAMMER



One-piece forged, I-beam construction. Full-polished heads are corrosionresistant. Hammer sections are indiviually hardened and tempered for strength and resiliency.

- Leather grip

Malco

Part No.	Head Weigth (Oz.)	Description	Price
RH4	12	Riveting Hammer	56.93
SH3	18	Setting Hammer	56.62

HAND SEAMER



LENOX

Part No.	Blade Width (In.)	Description	Price
22210	3	Hand Seamer, Standard	Call

HAND SEAMER



Malco

Part No.	Jaw Depth (In.)	Jaw Width (In.)	Description	Price
S2R	1-1/4	3-1/4	Standard	52.71
S3R	1-1/4	3-1/4	Offset	58.28
S6R	1-1/4	6	Standard	Call

SEAMER TONG



- Bending depth indicators marked in 1/4" increments.
- Bends 22 ga. CRSM.
- Cushioned handles for added comfort

KLEIN TOOLS

Part No.	Blade Width (In.)	Description	Price
86555-KLEIN	3	Seamer Tong, Straight	52.82

BLADE CRIMPER



- Cuts to 18 ga. metal, 22 ga. stainless steel

LENOX

Part No.	Description	Price
22208	Pipe Crimper, 3 Blades	Call
22209	Pipe Crimper, 5 Blades	Call

BLADE CRIMPER



Malco

Part No.	Throat Depth (In.)	Description	Price
SC3R	1-1/4	Pipe Crimper, 3 Blades	37.34

DUCT BOARD TOOL

SNAP LOCK PUNCH



Joins sheet metal, duct and pipe sections economically. Punches raise a louvered shaped projection on metal edge for locking into rolled edge of sheet or piece to be joined.

LENOX

Part No.	Description	Price
22212	Snap Lock Punch	Call

SNAP LOCK PUNCH



Malco

Part No.	Description	Price
SL-1	3/8	56.96

DUCT HOLDER



Two powerful clamps and four feet of 125 lb. tensile strength linked chain.

Malco

Part No.	Description	Price
2DH	Pair of Clamps with Chain	33.74

HAND TOOLS

DUCT BOARD TOOL

DUCT KNIFE



Use as an aid in fabricating fiberglass duct. Long life, double edge blade facilitates easy piercing for inside cuts. Double edge also ideal for tapping into and trimming flex duct. Made of heavy cutlery steel with comfortable hickory wood handle.

- Resharpenable

Malco

Part No.	Description	Price
DK6S	Duct Knife, Cushioned Grip, Serrated, 6" blade length	15.73

HOLE CUTTER



Supplied with standard double point utility knife blade for cutting 1" board. Cuts 4" to 20" diameter holes in fiberglass ductboard. Durable extruded aluminum frame and engineering grade molded plastic and nylon

Malco

Part No.	Description	Price
FG1	Hole Cutter	43.39
KBHC	Replacement Blade for 1-1/2" Duct	6.44

FASGROOV® KNIFE



Safer to use with comfortable molded handles.
Feature a rounded scoring edge to cut fiberglass without tearing skin.

Malco

Part No.	Description	Price
FGK	Straight Knife, 1" Board, Black	16.04
FGFL	Female Shiplap, 1-1/2" Board, Red	19.17
FGML	Male Shiplap, 1-1/2" Board, Yellow	19.36

SLED KNIFE



- For 1" ductboard

Malco

Part No.	Description	Price
FGV	V–Groove	72.06
FGV1	#1 Female Shiplap	72.06
FGV24	#2/ #4 Right Hand Modified Shiplap	72.06
FGV3	#3 Left Hand Modified Shiplap	72.06
FGV5	#5 Staple Flap	80.46
FGV6	#6 Shiplap Trim	72.06
FGLV	V–Groove, 1-1/2" Board	86.65

MACHINE TOOL

MAGNETIC HEX DRIVER



NATIONAL REFRIGERATION PRODUCTS

Part No.	Hex Size (In.)	Length (In.)	Price
N0012	3/8	1-7/8	4.20
N0013	1/4	1-5/8	3.24
N0014	5/16	1-5/8	3.48

PICQUIC SYSTEM



NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
SUPER8	8 in 1 Screwdriver, 6"	Call
STUBBY	6 in 1 Screwdriver, 3-1/2"	Call
N95006	Phillips Multipack; 0, 1, 2, 3	Call
N95003	Torx™ Multipack Bits; T15, T20, T25, T27, T30, T40	Call
N95004	Torx™ Security Bits; T8, T10, T20, T25, T27	Call

32 PIECE BIT SET



- Durable PVC black block allows for easy storage of standard bits.
- Block slides over most screwdriver shafts for easy bit access and storage.
- Industrial strength, heat-treated steel bits for long-lasting use.
- Hex bits included: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32 and 3/16"
- Phillips bits included: #0, #1, #2 (Qty. 3), and #3
- Square recess bits included: #1, #2, and #3
- TORX® bits included: T6, T7, T8, T10, T15, T20 and T25
- Slotted bits included: 3-4, 5-6, 6-8, 8-10, 10-12, 12-14 screw sizes
- Clutch bits included: 5/32" and 3/16"
- Includes 1/4" square to 1/4" hex adaptor to drive sockets.
- Bits are compatible with 32473 and 70035 interchangeable bit screwdrivers.

KLEIN TOOLS

Part No.	Description	Price
32526	Industrial Grade Bit Set, 32 pc	28.74

MAGNETIC HEX DRIVER



Malco

Part No.	Hex Opening (In.)	Overall Length (In.)	Price
MSHL14	1/4	2.56	10.40
MSHL516	5/16	2.56	10.40
MSHL38	3/8	2.56	7.63
MSHXL14	1/4	6.00	11.48
MSHXL516	5/16	6.00	13.48

HAND TOOLS

MACHINE TOOL

ARBOR



- 56PD: Replacement pilot drill

LENOX

Part No.	Fits Hole Saw	Shank Type	Chuck Size (In.)	Comments	Price
1779804	9L to 19L	Hex	3/8+	—	18.50
1779805	20L to 96L	Hex	3/8+	Quick-Release	28.18

ARBOR EXTENSION



- 30857 arbor adapter allows large diameter hole saws (1 3/8" and greater) to be used with arbors for the small hole

LENOX

Part No.	Fits Arbor	Description	Price
7L30843	5L, 6L or 7L	10" Extension, 3/8" chuck	Call
12X	1L, 2L or 3L	12" Extension, 1/2" chuck	20.60
L30857	1L, 4L or 5L	Adapts 9L-19L arbors to 20L-96L hole saw	4.69
35PD	3L, 5L	1/4" Split point stubby pilot bit	5.80

HOLE SAW KIT



Hole saws 5/8", 7/8", 1 1/8", 1 3/8", 1 5/8", 2 1/8". Includes arbors 5L and 6L, and a spare pilot

LENOX

Part No.	Description	Price
600R	Refrigeration Hole Saw Set, 9 Pc., Plastic Case	142.60

HOLE SAW



- Bi-metal construction
- Use 5L arbor to 1 3/16" (19L)
- Use 6L arbor 1 1/4" (20L) and larger

LENOX

Part No.	Diameter (In.)	Price
10L	5/8	12.08
11L	11/16	12.08
12L	3/4	12.08
14L	7/8	12.08
16L	1	13.08
18L	1-1/8	13.08
20L	1-1/4	13.08
22L	1-3/8	13.78
24L	1-1/2	13.78
26L	1-5/8	13.78
28L	1-3/4	17.32
30L	1-7/8	17.32
32L	2	17.32
34L	2-1/8	20.90
36L	2-1/4	20.90
38L	2-3/8	20.90
40L	2-1/2	22.52
42L	2-5/8	22.52
44L	2-3/4	22.52
48L	3	23.32
50L	3-1/8	23.96
56L	3-1/2	23.96
60L	3-3/4	32.74
64L	4	35.25
66L	4-1/8	38.27

VARI-BIT®



- Double fluted (2 cutting surfaces)
- 135° fast starting drill point
- Cuts up to 1/8" (3 mm) thick material

LENOX

Part No.	Chuck Size (In.)	Description	Price
VB1	1/4+	13 Sizes, 1/8 to 1/2", 1/16" Steps	42.06
VB2	3/8+	9 Sizes, 1/2 to 1", 1/16" Steps	73.28
VB3	3/8+	9 Sizes, 1/4 to 3/4", 1/16" Steps	64.23
VB4	1/4+	6 Sizes, 3/16 to 1/2", 1/16" Steps	48.91
VB7	3/8+	7/8" (for 1/2" Conduit) Steps	72.55
VB11	3/8+	2 Sizes, 7/8 and 1 1/8" Steps	98.34
VB12	3/8+	5 Sizes, 7/8, 1-1/8, 1-7/32, 1-1/4, 1-3/8" Steps	112.44
VB889	1/4, 3/8	Vari-Bit® Kit, Includes VB1, VB2, VB3, plastic case	Call

CARBIDE HOLE CUTTER



- Precision ground, heat resistant, carbide teeth for fast, accurate, long life cutting of burr-free round holes in sheet metal and stainless steel
- Over-drill stopper prevents the tool from cutting beyond the hole
- Split point pilot bit for faster penetration and less walking
- Use 5L(3/8") arbor for 14CHC, 18CHC; use 3L (1/2") arbor for 20CHC and larger 35PD: Replacement pilot bit

LENOX

Part No.	Diameter (In.)	Price
14CHC	7/8	37.73
18CHC	1-1/8	41.22
22CHC	1-3/8	46.38

ROUGH WOOD HOLE CUTTER



- Long lasting high speed steel tooth can cut over 300 holes before resharpening.
- Cuts fast; 3/8" stubby spade bit helps remove material quickly.
- Unique cutting application provides the ability to cut at an angle.
- Cuts wet, frozen, pressure treated and hardwoods without binding.
- Uses standard arbor

LENOX

Part No.	Description	Price
22HC	One Tooth® Wood Hole Cutter, 1-3/8"	31.52
36HC	One Tooth® Wood Hole Cutter, 2-1/4"	38.56
25310-LENOX	Stubby spade bit, 3/8"	Call
25312-LENOX	Diamond file, One Tooth® Hole Cutter	Call

HAND TOOLS

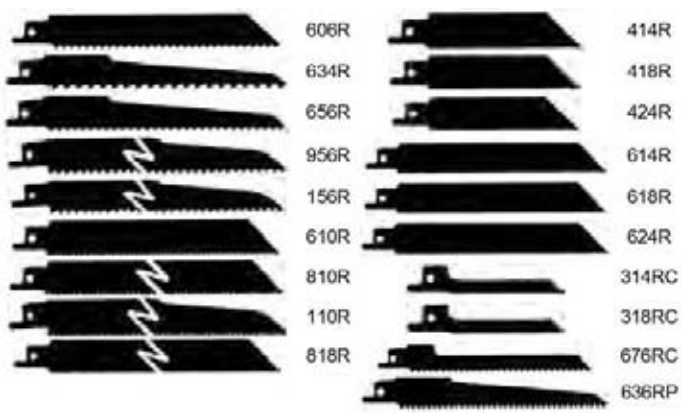
MACHINE TOOL

RECIPROCATING SAW BLADE



LENOX

Part No.	Overall Length (In.)	Teeth Per In.	Application	Price
606R	6	6	Wood	3.96
634R	6	4	Wood	4.34
656R	6	6	Wood	23.60
956R	9	6	Wood	31.25
156R	12	6	Wood	38.20
610R	6	10	Wood, Metal	19.80
810R	8	10	Wood, Metal	25.05
110R	12	10	Wood, Metal	38.20
818R	8	18	Wood, Metal	25.05
414R	4	14	Metal	14.80
418R	4	18	Metal	15.30
424R	4	24	Metal	15.30
614R	6	14	Metal	19.80
618R	6	18	Metal	19.80
624R	6	24	Metal	19.80
314RC	3	14	Wood, Metal	3.73
318RC	3	18	Metal	3.73
676RC	6	6	Wood	5.01
636RP	6	6	Plaster	Call

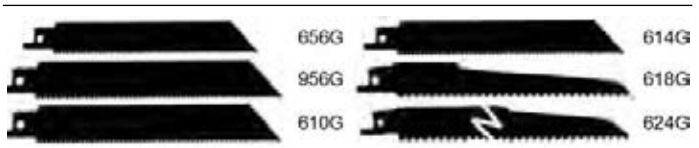


TITANIUM EDGE, LENOX GOLD



LENOX

Part No.	Overall Length (In.)	Teeth Per In.	Application	Price
656G	6	6	Wood	28.20
956G	9	6	Wood	37.15
610G	6	10	Wood, Metal	4.75
614G	6	14	Metal	23.75
618G	6	18	Metal	23.75
624G	6	24	Metal	23.75



TURBO SHEAR



The time-saving TURBOSHEAR inserts directly into the chuck of a standard 1200 rpm A/C or cordless drill. This rugged but inexpensive accessory cuts straight and to the left and is capable of navigating tight curved patterns and squares in heavy gauge galvanized steel. Cutting applications include both ferrous and nonferrous sheet metals, metal roofing/building panels, vinyl, steel mesh, ductwork, even the thick metal of furnace jackets, equipment enclosures or automotive body panels. An offset design keeps both hands away from work surface. Long-wearing hardened jaws are also replaceable.

- Clamping device is standard with TSHD Heavy Duty TurboShear, optional with TS1
- Non-slip flats on drive shaft of TSHD for higher torque cutting.
- TSHD will cut 20 ga spiral or layered metal seams
- Fits most 14.4-volt or larger A/C or cordless drills.
- Blind cuts require a 1-inch starting hole for TSHD, 1/2 inch for TS1

Malco

Part No.	Capacity	Description	Price
TS1	20-Ga.	Turbo Shear	56.68
TSHD	18 Ga.	Turbo Shear HD with Drill Clamp	104.55
TS1RB	—	TS1SHEAR Replacement Blades	29.91
TSHDRB	—	TSHD Replacement Blades	44.98
TSDC	—	Drill Clamp	22.84

HOLE CUTTER



The hole cutter adjusts for making holes in galvanized sheet metal. It will install into the chuck of a standard electric drill as small as 1/4". Both the HC2 and HC1 feature a lightweight aluminum frame and high speed bearings at the top and bottom of the drill shaft to assure perfect cutting balance and long cutting life.

- Cutters handle up to 20 GA metal
- HC1B: replacement pivot pin set
- CBBIT: replacement cutting bit

Malco

Part No.	Hole Size (In.)	Price
HC1	2 to 12	70.14
HC2	2 to 20	89.30
MCB	Cutter bit for HC1 & HC2	11.86

FLAME TOOLS

LOAD SECURITY

WEB STRAP



Straps for securing loads. More user friendly than rubber tie downs. Spring loaded adjustable buckle. Strong, durable 1" polypropylene webbing.

Part No.	Length (In.)	Comment	Price
HS30	31	Polypropylene, Spring Buckle	3.08
HS60	60	Polypropylene, Spring Buckle	4.32
HS144	144	Nylon Webbing1, Cam Lever Buckle	71.48

RATCHET STRAP



Unique ratchet action permits tie-down securely, positively. Designed with an innovative latch and a fast release cam that reduces socket wear. Cadmiumplated steel buckle has a positive lock that eliminates release due to vibration.

Part No.	Length (In.)	Comment	Price
HS192	192	3,000 Lb. Nylon Web	28.94

WEB STRAP



When more is better, it's time for the 1.5 inch polypropylene cam tiedown. The 1.5 inch cam buckle is rust proof, stays tight even when wet and releases easily with the thumb press. These heavy duty straps are available in lengths of 2 through 20 feet and are length color coded for convienance.

- For heavier loads
- 1.5 inch polypropylene cam tiedown
- Weather and sunlight resistant
- 1125 lb test
- Easy thumb release
- Package of 2

Part No.	Length (In.)	Color	Price
21502	24	Black	Call
21540	48	Red	Call
215600	72	Yellow	Call
21580	96	Green	Call

TIE DOWN STRAP



Hundreds of uses...truck lids, boat moorings, luggage racks, tarpaulins, etc. Made of long-life weather-resistant rubber. Protects your load—no flapping or sagging. Quick on and offhooks eliminate rope tying. Reinforced ends, hooks will not pull out.

Part No.	Length (In.)	Price
TD10	9	0.92
TD15	15	1.02
TD21	20	1.28
TD31	31	1.78
TD41	41	2.40

OXYACETYLENE WELDING/BRAZING

STUBBY™ KIT



Stubby-Style products are rugged and designed for commercial applications where size is a consideration. These tips give the user close up control and they maximize movement in tight areas. Includes NTC15WA handle, #1, #3 tip, 12' hose, goggles, lighter, 2- gauge O_2, "MC" acetylene regulators.

Part No.	Description	Price
NKA700M	Front Valve, Stubby™ Kit	Call
NKA700M12P	Kit with Plastic Cart	Call

WELDING KIT



Kit includes welding handle, #1 & #3 weld tip, 12' hose, goggles, lighter, 2-gauge "MC or B", O_2 regulator.

Part No.	Description	Price
NKA325M	For "MC" Tank	519.44
NKA325B	For "B" Tank	519.44

FRONT VALVE HANDLE



- Use with N_20**, N3033 tips

Part No.	Description	Price
NTC15WA	Front Valve Handle, "A" Inlets	Call

WELD/BRAZE TIP/STUBBY™



- Tips are 3" overall length

Part No.	Tip Number	Copper Brazing Capacity (OD In.)	Price
N20330	0	3/16 to 3/4	27.20
N20331	1	5/16 to 1-1/8	Call
N20332	2	3/16 to 3/4	27.20
N20333	3	5/8 to 1-3/8	Call

ROSEBUD TIP/STUBBY™



Part No.	Tip Number	Copper Brazing Capacity (OD In.)	Price
N2033H15	#15	to 1-5/8	38.10

FLAME TOOLS

OXYACETYLENE WELDING/BRAZING

TWIN TIP/STUBBY™



Part No.	Tip Number	Copper Brazing Capacity (OD In.)	Price
N2066T00	00	to 5/8	Call
N2066T0	0	to 1-1/8	Call
N2066T1	1	to 2-1/8	Call

G-TIP/STUBBY™



Part No.	Tip Number	Copper Tube Brazing Capacity (OD In.)	Price
N2077G00	00	to 5/8	Call
N2077G0	0	to 1-1/8	Call
N2077G1	1	to 1-5/8	Call
N2077G2	2	to 2-1/8	Call
N2077G3	3	to 3-1/8	Call

FLEX-TIP/STUBBY™



Part No.	Length (In.)	Copper Tube Brazing Capacity (OD In.)	Price
N2011F6	6	to 1-5/8	Call

WELDING TIP



Part No.	Copper Tube Brazing Capacity (OD In.)	Description	Price
N30331	1/4 to 1-1/8	Welding Tip, #1	33.04
N30333	1/2 to 1-3/8	Welding Tip, #3	37.36
N3033H15	to 1-5/8	Rosebud Tip, #15	59.76
N3033H30	to 3-1/8	Rosebud Tip, #30	59.76

CUTTING ATTACHMENT



Part No.	Description	Price
NTC141CAT	Cutting Handle, Includes #1 Tip	Call

WELDING ATTACHMENT



- Rear valves
- Check valves
- "A" hose inlets

Part No.	Description	Price
NTW141TA	Welding Handle	Call

REGULATOR, 2 GAUGE



These UL listed regulators are manufactured from durable brass with a. neoprene rubber diaphragm, inlet filters and conical seat design

Part No.	Tank Type	Contents (psi)	Delivery (psi)	Price
NEA25MA	"MC" Acetylene	0 to 400	0 to 30	125.78
NEA25BA	B Acetylene	0 to 400	0 to 30	125.78
NEO25A	Oxygen	0 to 4000	0 to 100	Call
NEA1G	B Acetylene	0 to Full	—	Call
NEN450F	Nitrogen	0 to 4000	5–450	Call

OXYACETYLENE



- Torch handle/check valves
- 12 1/2 feet of Grade R 3/16in. twin line hose for oxygen and fuel gas
- Cutting attachment
- Fuel and oxygen regulators

TurboTorch

Part No.	Description	Price
G150JCP	Oxy/Acetylene Kit W/Tote	425.00

AIR ACETYLENE EXTREME STANDARD KIT



Brazing And Soldering Kit, Fuel Acetylene MC tank, Pressure Regulator CGA 200, Torch Handle G4, Welding Nozzles A-5, UL Listed, Includes AR-MC CGA-200 Regulator, G4 Handle, Ah-12 Hose, A-5 Tip

TurboTorch

Part No.	Description	Price
X3B	Torch Kit Includes "B" Regulator A3 & A11 Tip	401.00
X4B	Torch Kit Includes "B" Regulator A5 & A14 Tip	415.00
X5B	Torch Kit Includes "B" Regulator, A5 Tip	313.00
X6MC	Torch Kit Includes "MC" Regulator, A3 & A8 Tip	402.00

TURBOTORCH DELUXE



TurboTorch® TDLX2010B Rolling Tote Kit combines the Extreme PL-8A self igniting torch tip and the standard A-3 swirl flame torch tip with a convenient self contained rolling tote. The rolling tote holds everything the professional needs to tackle a wide range of air/acetylene soldering and brazing jobs.

TurboTorch

Part No.	Description	Price
TDLX2010B	Includes Pl8adlxb Kit, A3 Tip, Durable Rolling Tote	408.00

FLAME TOOLS

OXYACETYLENE WELDING/BRAZING

EXTREME STANDARD TIPS



Manual lighting tip can be used with any Air Acetylene torch (PLF-A5 or G-4) handle. Features a removable orifice screw and color coded "O" rings (red for acetylene).

TurboTorch

Part No.	Solder Capacity Soft	Silver	Price
A2	1/8-1/2	1/8-1/4	78.23
A3	1/4-1"	1/8-1/2	84.80
A5	3/4-1-1/2	1/-3/4	100.00
A8	1-2"	1/2-1"	110.00
A11	1-1/2-3	7/8-1-5/8	116.00
A14	2-3-1/2	1-2"	143.00
A32	4-6"	1-1/2-4	204.00

EXTREME SELF LIGHTING TORCH KIT



Extreme Swirl Technology delivers high heat super fast, reducing brazing time and fuel consumption. All air acetylene kits include gauge guards and cylinder wrench. Improved design features quick-disconnect handles and tips, replaceable tips and color coded "O"rings for quick gas identification

TurboTorch

Part No.	Solder Capacity Soft	Silver	Price
PL5ADXLMC	1-1/2"	3/4"	Call
PL5ADXLB	1-1/2"	3/4"	Call
PL8ADLXMC	2"	1"	317.00
PL8ADLXB	2"	1"	296.00
PL12ADLXB	4"	2"	333.00

EXTREME SELF LIGHTING REPL. TIPS



Increase the range of your torch kit with additional self lighting tips. All TurboTorch tips feature an orifice screw that can be easily removed for simple cleaning or replacement, extending the life of the tip.

TurboTorch

Part No.	Price
PL5A	136.00
PL8A	141.00
PL12A	147.00

BRAZING HANDLE



Genuine TurboTorch acetylene replacement handle with "snap-in" torch tip connection. Suitable for all TurboTorch® Extreme standard swirl tips and self-lighting swirl tips.

TurboTorch

Part No.	Price
G4	101.00

HANDLE



- Propane, MAPP, MAP-Pro Gas Ergonomically designed handle
- With valve rear and quick disconnect
- Fits all Proline and Turbo Torch tips
- "B" size 9/16" - 18 hose connections

TurboTorch

Part No.	Price
H4	104.00

REGULATOR



Genuine TurboTorch AR-B acetylene regulator for your TurboTorch® or Sof Flame brazing and solering equipment. Features solid brass construction, shatter-resistant gauge and gas pressure adjusting knob.

TurboTorch

Part No.	Price
ARB	131.00
ARMC	148.00

EXTREME TORCHES MAP-PRO & PROPANE



- Torches are built with TurboTorch swirl combustion
- Easy-to-clean and change orifice, interchangeable tips
- 360° swivel tips
- Includes: CGA 600 Regulator, ST-3 Tip, Instruction Manual

TurboTorch

Part No.	Price
STK9	97.12
STK11	119.00
STK99	118.00

AIR/ACETYLENE BRAZING

AIR/ACETYLENE KIT



These kits feature the compact, adjustable Target® tips. Kits include quick disconnect handle, hose & accessories. NKX4B UL listed regulator.

NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
NKX4B	Includes NGA5, NGA14 Tips, “B” Regulator	Call
NKX4BCW	Includes NGA5, NGA14 Tips, “B” Regulator, Stand	Call
NKX5B	Includes NGA5, “B” Regulator	Call
NKX6MC	Includes NGA3, NGA8, “MC” Regulator	Call

AIR/ACETYLENE KIT



Economical air fuel kit contains 12' hose, NEA1G regulator, NAA1 handle, NBA4 Kit.

NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
NKA37H	NBA4 Tip, "B" Regulator	Call

FLAME TOOLS

AIR/ACETYLENE BRAZING

J TIP



- Adjustable and quiet
- Heat resistant
- Fits NGG4 handle
- Air acetylene tip
- Tip includes filter

Part No.	Solder Capacity (OD In.) Copper Soft	Copper Silver	Price
NGA3J	113.00	1/8 to 1/2	Call
NGA8J	129.70	5/8 to 1-1/8	Call

TARGET® TIP



- Tips have a filter and removable orifice
- Interchangeable with other quick disconnect style tips
- Made of heavy stainless steel and brass
- Air acetylene tip
- Snap in, quick connect style

Part No.	Solder Capacity (OD In.) Copper Soft	Copper Silver	Price
NGA3	3/8 to 1-1/8	1/8 to 1/2	Call
NGA5	7/8 to 1-5/8	3/8 to 7/8	Call
NGA8	1-1/8 to 2-5/8	5/8 to 1-1/8	Call
NGA11	1-5/8 to 3-3/8	7/8 to 1-5/8	Call
NGA14	2-1/8 to 4-1/8	1-1/8 to 2-1/8	Call
NGA32	3-1/8 to 6-1/8	1-5/8 to 4-1/8	Call

BRAZING HANDLE



Snap-in style torches utilize a quick disconnect to rapidly change tips. Ribbed handle provides a positive grip. All "NGA" tips fit this handle.

Part No.	Description	Price
NGG4	Quick Disconnect Handle	Call

ACET-O-LITE TIP, SCREW-IN



- Quiet, adjustable flame
- Fits NAA1 handle
- Replace Prestolite, Uniweld screw-in tips

Part No.	Copper Soft Solder Range (OD In.)	Price
NBA1	1-1/16 to 1/4	Call
NBA2	1/4 to 3/8	Call
NBA3	3/8 to 5/8	Call
NBA4	5/8 to 1-1/8	Call
NBA5	1-1/8 to 1-5/8	Call
NBA6	2-1/8 to 4-1/8	Call

ACET-O-LITE HANDLE, SCREW-IN



- Single hand operation
- Needle valve design
- Standard 3/8-24 LH "A" fitting
- Compatible with "NBA" tips

Part No.	Description	Price
NAA1	Acet-O-Lite® Screw-in Handle	Call

SELF LIGHT TRIGGER LP TORCH



- Hot turbine flame
- Flame adjustment valve
- Use Mapp® or propane fuel

Part No.	Description	Price
NGP600	Mapp/Propane Torch, Trigger Light	148.68

SELF LIGHT LP TORCH



- Hot turbine flame
- Used with either propane or MAPP®gas
- 360 degree tip rotates to any position
- Stainless steel tip ends
- Instant ignitor

Part No.	Description	Price
NGHT100L	Mapp/Propane Torch, Self Igniting, push button	100.90

LP TORCH



- Hot turbine flame
- Used with either propane or MAPP® gas
- 360 degree tip rotates to any Position
- Heavy duty brass regulator
- Stainless steel tip ends

Part No.	Description	Price
NGHT100	Mapp/Propane Torch, Match Lit	Call

FLAME TOOL ACCESSORIES

GAUGE



Part No.	Application	Diameter (OD In.)	Scale	Price
NMA8016F	Flat Gauge, NEA1G	1-1/2	0 to Full	Call
NSTE331	Delivery, NEA25	2	0 to 30#	20.18
NSTE332	Contents, NEA25	2	0 to 400#	20.18
NSTE357	Delivery, NEO25	2	0 to 100#	20.18
NSTE334	Contents, NEO25	2	0 to 4000#	30.14
NSTE391	Delivery, NEN450F	2	0 to 1000#	Call
NSTE392	Contents, NEN450F	2	0 to 4000#	Call

FLAME TOOLS

FLAME TOOL ACCESSORIES

HOSE ASSEMBLY



Constructed from quality 3/16" ID single ply, fabric reinforced grade "R" hose.

- 200 PSI working pressure
- 3/8-24 "A" fittings

Part No.	Length (Ft.)	Description	Price
NHA36	6	Single Acetylene	22.04
NHA312	12	Single Acetylene	29.88
NHA325	25	Single Acetylene	Call
NSW12A	12	Dual Oxy-Acetylene	47.56
NSW25A	25	Dual Oxy-Acetylene	Call

ACETYLENE STAND



- Heavy duty steel
- Hose rack, support base, handle

Part No.	Description	Price
NC800	Fits "MC" Cylinder	Call
NC850	Fits "B" Cylinder	Call
NC850CW	Fits "B" Cylinder, with wheels	Call

CYLINDER CART



Part No.	Description	Price
NC1200P	Plastic Carry Stand, "R" Oxy, "MC"	57.94
NC1300	Steel Wheeled Cart, "Q" Oxy, "B"	Call

SNAP ADAPTER



Adapts threaded NRP air acetylene tips to snap-in handles.

Part No.	Description	Price
NBRS665	Thread tip to snap-in handle adapter	Call

ADAPTER



Part No.	Description	Price
NBRS364	MC Cylinder to "B" Regulator	23.98
NBRS365	B Cylinder to "MC" Regulator	25.44
NBRS341	A LHF to "B" LHM	Call
NBRS342	A RHF to "B" RHM	Call

EZE-LITE TIP



- Easy push button lighting
- Interchangeable with other quick disconnect tips
- Removable/cleanable orifice
- Fits NGG4 handle

Part No.	Solder Capacity (OD In.) Copper Soft	Copper Silver	Price
NGA3L	3/8 to 1-1/8	1/8 to 5/8	Call
NGA8L	1-1/8 to 2-5/8	5/8 to 1-5/8	Call
NGA14L	2-1/8 to 4-1/8	1-1/8 to 2-1/8	Call

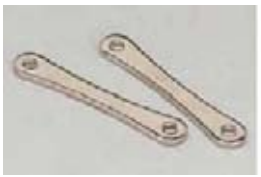
HALIDE LEAK DETECTOR



- For MAPP or propane gas
- 24" search hose

Part No.	Description	Price
NGP18R	Halide Leak Detector	63.28
NDA8A	Replacement Reactor Plate	Call

CYLINDER WRENCH



Part No.	Description	Price
NMA2	Cylinder Wrench	2.44

FRICTION LIGHTER



Part No.	Description	Price
N3011	Friction Lighter	4.30
N3011X	5 Pack Flints	2.04

FLAME GUARD



Protects wood, painted or metal surfaces from the heat and flame of a torch. Designed for soldering and brazing using propane and MAPP gas.

Part No.	Description	Price
NFG	9" x 12"	15.40

FLAME TOOLS

FLAME TOOL ACCESSORIES

NITROGEN FLOWMETER



- Visually confirms gas is flowing through system while brazing
- Saves gas by delivering precise flow of nitrogen into system
- Solid brass body and fittings with visible round chromium steel ball
- Inlet and outlet connections use standard ¼" flare (7/16"-20) fittings
- Set regulator to 50 PSI and adjust flowmeter range from 0-75 SCFH
- Auto-Reset safety protects from regulator over-pressure delivery

NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
NFM100F	Nitrogen Flowmeter	64.50

INDUSTRIAL GAS

AIR MANAGEMENT TOOL

MULTIGAS MINI KIT



- VA-06 on-off valve
- CA-250 regulator, 0-250 psi, 2 gauge
- HK-03 3' hose and blowgun
- FA-01 nitrogen-CO_2 2 transfill adaptor
- CB-03 3/4" cone tip
- FA-03 transfill connector

DIVERSITECH

Part No.	Description	Price
MBK-6	Multigas Mini Kit	799.72

ACCESSORY PACK



- Includes 1/2", 3/4" cone

DIVERSITECH

Part No.	Includes	Price
AP-06	Drain Dawg™, Tire Chuck, 15" Whip	125.92

CHARGING/TESTING

NITROGEN REGULATOR



- Delivery gauge: 0–300 psi
- Contents gauge: 0–4000 psi
- Delivery pressure: 5–450 psi

NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price
NEN450F	Nitrogen Regulator, Light Duty	Call

NITROGEN REGULATOR

TurboTorch

Part No.	Description	Price
24503P	Nitrogen Reg. 0-500 PSI	147.00
250800580	Nitrogen Reg. 0-800 PSI	169.00

DRAIN CLEANING

COMPRESSED GAS



DIVERSITECH

Part No.	Description	Price
GG1	Gallo Gun	132.72
GGC12	CO2 Cartridge, 12 pk	77.40
GG1A	Adapter Kit	40.60
GG1TF	Replacement Tip	16.32

BRAZING

ACETYLENE



Part No.	Size (cu. ft.)	Description	Price
MCGAS	10	Acetylene Gas Exchange	18.84
MCBOTTLE	10	Tank deposit	101.20
BGAS	40	Acetylene Gas Exchange	26.70
BBOTTLE	40	Tank deposit	152.36

INDUSTRIAL GAS

BRAZING

PROPANE



Part No.	Container Size	Description	Price
MPT1	16.0 oz	Map/Pro™	13.08
B1201	14.4 oz	Propane	9.79

OXYGEN



Part No.	Size (cu. ft.)	Description	Price
R20GAS	20	Oxygen gas exchange	11.90
RBOTTLE	20	Tank deposit	Call
R40GAS	40	Oxygen gas exchange	Call
R40BOTTLE	40	Tank deposit	224.38
R60GAS	60	Oxygen gas exchange	19.12
R60BOTTLE	60	Tank deposit	253.00
R80GAS	80	Oxygen gas exchange	22.38
R80BOTTLE	80	Tank deposit	308.00

PRESSURE TESTING

NITROGEN



Part No.	Size (cu. ft.)	Description	Price
N20GAS	20	Nitrogen gas exchange	14.12
N20BOTTLE	20	Tank deposit	126.50
N40GAS	40	Nitrogen gas exchange	15.57
N40BOTTLE	40	Tank deposit	212.14
N60GAS	60	Nitrogen gas exchange	16.92
N60BOTTLE	60	Tank deposit	237.22
N80GAS	88	Nitrogen gas exchange	19.02
N80BOTTLE	88	Tank deposit	296.00
N113GAS	115	Nitrogen gas exchange	26.78
N113BOTTLE	115	Tank deposit	420.00

CO_2

Part No.	Size (Lb)	Description	Price
REFILCO2	1	CO_2 Gas Exchange	Call
C025LB	5	CO_2 Gas Exchange	Call
C025LBTANK	5	Tank deposit	Call
C0210	10	CO_2 Gas Exchange	Call
C02TANK10	10	Tank deposit	Call
C0215	15	CO_2 Gas Exchange	Call
CO215TANK	15	Tank deposit	Call
C02	20	CO_2 Gas Exchange	77.40
C02TANK	20	Tank deposit	Call
50CO2	50	CO_2 Gas Exchange	Call

Specific sizes may not be available in all market areas.

INDUSTRIAL GAS TRANSACTION TYPES*

For Clean Purchase Order	1 Ea. Exchange, 1 Ea. Tank
For Same Size Refill Order	1 Ea. Exchange
For Different Size Refill Order	-1 Ea. Tank Old, +1 Ea. Tank New, +1 ea. Exchange New

BRAZING

BRAZING ALLOY

PHOSPHORUS/COPPER/SILVER BRAZING ALLOYS



Part No.	Ag %	Sticks/Tube	Wire Size (In.)	Price
H21035	0	28	0.05 x 1/8	13.96
H41035	5	28	0.05 x 1/8	Call
H51035	6	28	0.05 x 1/8	58.96
DYNAFLOW®	6	28	0.05 x 1/8	Call
H61035	15	28	0.05 x 1/8	109.22
H60148*	15	6	1/8 Sq.	112.50

*Special 36" in length packaged in bulk 25 lbs.

CADMIUM-FREE



These high silver content, cadmium free alloys are suitable for dissimilar metals such as steel to copper.

Part No.	Ag %	Wire Diameter (In.)	Container Size (Troy Oz.)	Price
H76310	45	1/16	1 Oz	26.02
H76313	45	1/16	3 Oz	72.32
H76315	45	1/16	5 Oz	131.26
H75310	56	1/16	1 Oz	32.06
H75313	56	1/16	3 Oz	Call
H75315	56	1/16	5 Oz	163.02

FLUX COATED



These high silver content, flux coated, cadmium free alloys are suitable for dissimilar metals such as steel to copper.

Part No.	Ag%	Wire Size (In.)	Pkg. Qty.	Price
H76324	45	1/16	9	Call
H75324	56	1/16	1	Call
75324	56	1/16	9	112.58

BLOCKADE® SI/SN BRAZING ALLOY



BLOCKADE® is the first of a new family of silicon/tin alloyed brazing filler metals. BLOCKADE® is engineered to join copper, brass, or bronze.Its innovative composition provides the following brazing features:

- The ability to form a large shoulder, or cap, at the braze connection
- A highly visible silver-gray cap, (fillet). This allows quick, accurate, visual confirmation of a leak free seal
- Improved ductility over BCuP-2, (non silver bearing), alloys
- Significant reduction in brazing temperature over BCuP braze alloys

Part No.	Sticks/Tube	Price
H45535	20	28.00

SOLDER

SILVER BEARING SOLDER, LEAD FREE



Federal law prohibits lead bearing solders in potable water applications. The 4 and 6% solders are widely used in refrigeration and HVAC applications, while Bridgit (50/50) is most commonly used in plumbing applications.

Part No.	Ag Content (%)	Wire Dia. (In.)	Unit Size	Price
H10001	4	1/8	1 Lb. Spool	58.32
H10004	4	1/16	1 Lb. Spool	102.96
H10009	6	1/8	1 Lb. Spool	72.92

GENERAL PURPOSE



- General purpose solders
- Lead free

Part No.	Composition	Unit Size	Price
H10028	xSn/Sb	1 Lb. Spool	Call
95/5	xSn/Sb	1 Lb. Spool	32.98

[P] Proprietary composition

ALUMINUM SOLDER KIT



- Tensile Strength – up to 20,000 PSI
- Good color match on aluminum and zinc die cast
- Solidus - 391ºF
- Liquidus - 482ºF

Part No.	Description	Price
ALSOLDER500K	Aluminum Solder & Flux Kit	31.00

BRAZING

FLUX

WHITE PASTE FLUX



- An all purpose, low temperature flux for use with brazing rods and silver content above 5%

HARRIS

Part No.	Container Size	Price
H40022	7 Oz.	5.60
H40021	1/2 Lb.	Call
H40023	1 Lb.	8.90

BLACK PASTE FLUX



Use Stay-Silv® Black Flux on heavy parts, where localized overheating may occur, and where parts are heated over a prolonged period. Stay-Silv® Black Flux is also suggested when brazing stainless steel.

HARRIS

Part No.	Container Size	Price
H40050	1/2 Lb.	Call

LIQUID



- Used with silver bearing and tin solders

HARRIS

Part No.	Size	Price
H40002	4 Oz.	6.20
H40003	16 Oz.	10.26
H40004	32 Oz.	Call
H40005	1 Gal.	Call

STAY CLEAN PASTE



- Used with silver bearing and tin solders

HARRIS

Part No.	Container Size	Price
H40027	4 oz	4.60

BRAZING

THERMO-TRAP®



Solder, braze and weld without damaging nearby sensitive controls, gaskets, fittings or other equipment. Applied to the metal working surface between the area being heated and the material to be protected, Thermo-trap absorbs the heat, preventing heat transfer. This keeps heat from spreading beyond the work area, protecting components, installed fittings and other sensitive parts safe from damage.

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price	Price/Ea.
C437136	11 Oz Paste	24	Call	21.06
C437132	32 Fl. Oz., Spray Bottle	12	Call	32.58

COOL GEL®



- Helps protect rubber, plastic, distortion, painted and finished surfaces during soldering, brazing or welding
- Unique gelled formula sticks to surfaces without dripping or running off
- Clear, non-staining gel leaves no residue eliminating clean-up
- Safe, non-toxic, harmless to skin and odorless
- Reduces danger of fire to surrounding surfaces

LA-CO Markal

Part No.	Container Size	Case Qty.*	Price	Price/Ea.
L11513	16 Fl. Oz.	12	19.40	34.44

HARDWARE

SERVICE

MESH CLOTH



Part No.	Length (Yards)	Price
NMSC5	5	6.80
NMSC10	10	9.80
NMSC25	25	27.50

TUBE CLEANING



NRP NATIONAL REFRIGERATION PRODUCTS

Part No.	Length (Yards)	Description	Price
66510	10	Sand Cloth	5.30
66525	25	Sand Cloth	13.90
A1210	—	Scotch Brite (1 Pad)	6.12

FASTENER

HEX HEAD CAP SCREW



- Grade 2 steel
- Zinc plated

NRP NATIONAL REFRIGERATION PRODUCTS

Part No.	Length (In.)	Size-Threads (In.)	Package Qty.	Price
N6601	3/4	1/4"-20	24	2.78
N6602	1	1/4"-20	23	2.70
N6603	1-1/2	1/4"-20	17	2.66
N6621	3/4	5/16"-18	17	2.82
N6622	1	5/16"-18	15	2.96
N6623	1-1/2	5/16"-18	15	2.68
N6641	3/4	3/8"-16	11	2.78
N6642	1	3/8"-16	10	2.80
N6643	1-1/2	3/8"-16	8	3.26
N6644	2	3/8"-16	6	2.84

HARDWARE

FASTENER

STOVE BOLT



- Steel
- Zinc plated
- Nuts included

Part No.	Length (In.)	Size-Threads (In.)	Package Qty.	Price
N6401	1/2	3/16"-24	33	2.90
N6402	3/4	3/16"-24	30	2.68
N6403	1	3/16"-24	25	2.80
N6412	3/4	1/4"-20	20	2.82
N6413	1	1/4"-20	17	2.98
N6414	1-1/2	1/4"-20	14	2.86
N6415	2	1/4"-20	12	2.92
N6416	2-1/2	1/4"-20	10	3.08

FLAT WASHER



- Zinc plated
- N38WC packaged in plastic screwtop jar

Part No.	Size (In.)	Package Qty.	Price
N6701	3/16	127	2.80
N6702	1/4	86	2.80
N6703	5/16	45	2.90
N6704	3/8	34	2.80
N38WL	3/8	50	Call
N38WC	3/8	100	10.12
N6706	1/2	16	2.92
N6700A	6-Assorted-sizes	107	6.00

FENDER WASHER



Part No.	Nominal Size (In.)	OD (In.)	Package Qty.	Price
N6722	1/4	1-1/4	23	2.80
N6722C	1/4	1-1/4	100	12.32
N6724	3/8	1-1/2	18	2.80

SPLIT LOCK WASHER



Part No.	Nominal Size (In.)	Package Qty.	Price
N6731	1/4	85	2.96
N6732	5/16	70	2.98
N6733	3/8	48	3.34

FINISHED HEX NUT



- Steel
- Zinc plated

Part No.	Size-Threads (In.)	Package Qty.	Price
N6501	1/4"-20	57	2.94
N6501C	1/4"-20	100	4.20
N6502	5/16"-18	37	2.94
N6503	3/8"-16	26	2.80
N38HNL	3/8"-16	50	Call
N38HNC	3/8"-16	100-(Jar)	10.04
N6505	1/2"-13	11	2.90
N6505L	1/2"-13	50 (Jar)	9.66

MACHINE SCREW HEX NUT



- Grade 2 steel
- Zinc plated

Part No.	Package Qty.	Description	Price
N6500A	60	Assortment, #6-32, #8-32, #10-32	2.58

SHEET METAL SCREW



- Slotted hex washer head
- Zinc plated steel

Part No.	Length (In.)	Size	Package Qty.	Price
N6843H	1/2	8	84	3.72
N6845H	3/4	8	70	4.18
N6846H	1	8	58	3.98
N6855H	3/4	10	52	4.04
N6856H	1	10	47	3.68
N6858	1-1/2	10	34	4.12
N6859	2	10	24	4.40
N6865	3/4	12	38	4.04
N6866	1-1/2	12	33	4.04

SHEET METAL SCREW, PAN



- Combination: phillips/slotted
- Zinc plated steel.

Part No.	Length (In.)	Size	Package Qty.	Price
N6876	1	14	21	2.80
N6858PH	1-1/2	10	29	2.68
N6859PH	2	10	21	2.74

HARDWARE

FASTENER

SHEET METAL SCREW, ZIP



- Hex head
- Self-piercing
- Zinc plated steel

Part No.	Length (In.)	Size	Package Qty.	Price
N6933C	1/2	8	100	3.76
N6933M	1/2	8	1000	24.32
N6853Z	1/2	10	51	2.54
N6845Z	3/4	8	55	2.62
N6845ZM	3/4	8	1000	Call

SHEET METAL SCREW, TEKS



- TEKS, self-drilling
- Zinc plated steel

Part No.	Length (In.)	Size	Package Qty.	Price
N6943C	1/2	8	100	4.42
N6943D	1/2	8	500	17.70
N6945C	3/4	8	100	7.06
N6945D	3/4	8	500	22.60
N6946C	1	8	100	7.14
N6953C	1/2	10	100	5.40
N6955C	3/4	10	100	6.08
N6955D	3/4	10	500	24.58
N6956C	1	10	100	7.60
N6956D	1	10	500	26.64

SET SCREW



- Hex socket
- Cup point

Part No.	Package Qty.	Description	Price
N6000	16	Assortment, 1/4"–20, 5/16"–18,	6.94
N6001	23	Assortment, #8–32, #10–32, 1/4"-28	7.02

TOGGLE BOLT



- Zinc plated steel

Part No.	Length (In.)	Bolt Size (In.)	Bolt Size (In.)	Price
N7033	4	3/16	6	2.60
N7034	4	1/4	5	2.84
N7036X	4	3/8	4	6.10
N7063	6	3/16	5	3.18
N7066X	6	3/8	4	7.04

MOLLY SCREW



Part No.	Wall Thickness (In.)	Hole Size (In.)	Package Qty.	Price
N7302	1/2	1/4	6	2.72
N7303	3/4	1/4	6	4.02

ANCHOR KIT



Part No.	Package Qty.	Description	Price
N7101C	100	8 x 1" Combination (Phillips/Slotted) Sheet Metal Screws	6.24
N7104BC	100	8 x 1" Slotted Hex Washer Head Sheet Metal Screws	8.38
N7106BC	100	10 x 1" Slotted Hex Washer Head Sheet Metal Screws	12.40
N7124BC	100	10 x 1" Slotted Hex Washer Head Sheet Metal Screws	11.72
N7102C	100	10 x 1-1/4" Combination (Phillips/Slotted) Pan Head Sheet Metal Screws	8.12
N7111C	100	14 x 1" Combination (Phillips/Slotted) Pan Head Sheet Metal Screws	17.80
N7103C	100	4 x 3/4" Combination (Phillips/Slotted) Sheet Metal Screws	5.36

TAPCON KIT



- Hex washer head tapcons with drill bit

Part No.	Package Qty.	Description	Price
NTK14	25	Tapcon, 1/4" x 1-1/4"	11.44
NTK34	25	Tapcon, 1/4" x 1-3/4"	13.24

DROP-IN THREADED ANCHOR



- For concrete

Part No.	Package Qty.	Description	Price
NSD14	4	Steel Drop In Anchor, 1/4"	3.90
NSD38	25	Steel Drop In Anchor, 3/8"	14.82
NDIT14	1	Setting Tool for 1/4" Drop-Ins	5.46
NDIT38	1	Setting Tool for 3/8" Drop-Ins	5.26

HARDWARE

FASTENER

SELF DRILL ANCHOR KIT



- Phillips pan head sheet metal screws
- Plastic self drilling anchors ideal for drywall installations

Part No.	Package Qty.	Description	Price
N7317L	50	EZ-Anchor Lite (30 Lb) Plastic with 6 x 1-1/4" Screws	10.18
NPK92	50	EZ-Anchor Medium (50 Lb) Plastic with 8 x 1-1/4" Screws	14.88
NZK92	50	EZ-Anchor Zinc with 8 x 1-1/4" Screws	23.90

WEDGE ANCHOR KIT



- With drill bit

Part No.	Package Qty.	Description	Price
NWK38	20	3/8" x 2-3/4" Wedge Anchor with 3/8" x 4" Masonry Drill Bit	19.08

MOTOR SHAFT KEY



Part No.	Description	Price
N6101	Small assortment: 1/8 x 1-1/4" (2), 3/16 x 1-1/8" (4), 1/4 x 1-3/4" (2), 3/16 x 1/4 x 1-1/8" (2)	5.32
N6102	Large assortment: 1/4 x 1-3/4" (3), 5/16 x 3" (2), 3/8 x 3" (2)	9.82

HOSE CLAMP



- Stainless steel band, housing
- Plated steel screw

Part No.	S.A.E. No.	Dia. Range (In.) Min.	Dia. Range (In.) Max.	Package Qty.	Price
N6202	—	.25	.62	6	4.30
N6203	6	.44	.78	6	4.16
N5410	10	.56	1.06	6	5.00
N5416	16	.81	1.50	6	5.12
N5420	20	.81	1.75	6	7.70
N5424	24	1.06	2.00	6	8.20
N5436	36	1.81	2.75	4	5.80

COTTER PIN



Part No.	Package Qty.	Description	Price
N6011	66	Assortment, 1/16–1", 3/32 x 1-1/2"	4.08

RIVET



Malco blind rivets provide a strong, secure connection between two or more sheets of material that will not loosen with vibration. Blind rivet fasteners can be used where access is limited to only one side of the material to be fastened. Rivets require only a pre-drilled or pre-punched hole.

- Steel rivet with steel mandrel
- 1/8" head diameter

Part No.	Grip Range (In.)	Pkg. Qty.	Price	Price/Pkg.
SS42DX	.063 to .125	1000	3.49	56.92
SS44DX	.188 to .250	100	3.49	7.08
SS44DT	.188 to .250	1000	29.49	62.20

SHEET METAL SCREW, BIT-TIP®



- Bit-tip® drills its own hole, taps a matching thread and fastens in steel up to .220" thick
- Hex head with washer

Part No.	Screw Size Thread (In.)	Screw Size Length (In.)	Hex Size (In.)	Pkg. Qty.	Price	Price/Pkg.
BT131T	8	1/2	1/4	1000	33.08	63.78
BT131X	8	1/2	1/4	100	5.02	9.66
BT133X	8	3/4	1/4	100	5.02	9.66
BT233T	8	3/4	1/4	500	26.08	50.26
BT134T	8	1	1/4	500	26.73	51.54
BT134X	8	1	1/4	100	6.17	11.90
BT141T	10	1/2	5/16	500	23.71	45.72
BT141X	10	1/2	5/16	100	5.68	10.94
BT143T	10	3/4	5/16	500	25.43	49.02
BT143X	10	3/4	5/16	100	5.81	11.20
BT144X	10	1	5/16	100	7.92	15.24
BT153X	10	3/4	5/16	100	8.03	15.48
BT163X	12	3/4	5/16	100	10.38	20.00
BT174X	1/4	1	3/8	100	Call	27.70

HARDWARE

FASTENER

SHEET METAL SCREW, ZIP-IN®



A single starting thread is machined down to the very tip of the point and is the source of Zip-In's® penetrating power. A second thread above the point engages after initial penetration and moves the screw in double fast.

- 1/4" hex size

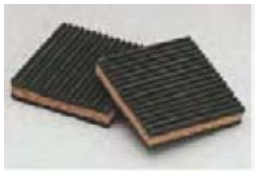
Malco

Part No.	Screw Size Thread (In.)	Length (In.)	Pkg. Qty.	Price	Price/Pkg.
HW7X1/2ZT	7	1/2	1,000	19.88	38.76
HW8X1/2ZT	8	1/2	1,000	21.38	42.96
HW8X1/2ZBK	8	1/2	12,000	Call	461.64
HW8X3/4ZG	8	3/4	100	3.53	7.36
HW8X3/4ZT	8	3/4	1,000	27.80	54.18
HW8X1ZX	8	1	100	4.39	8.56
HW8X1ZT	8	1	500	17.52	34.18
HW8X11/2ZX	8	1-1/2	50	2.89	5.62
HW8X11/2ZT	8	1-1/2	250	12.08	23.52
HW8X11/2ZWT	8	1-1/2	250	Call	33.00
HW8X2ZX	8	2	50	4.55	8.86
HW8X2ZT	8	2	250	16.19	31.54
HW10X1/2ZX	10	1/2	100	4.25	8.26
HW10X3/4ZX	10	3/4	100	4.86	9.44
HW10X3/4ZT	10	3/4	1,000	37.52	73.08
HW10X1ZX	10	1	100	5.48	10.66

*Painted white

VIBRATION DAMPENING

VIBRATION PADS

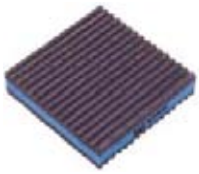


Highest quality elastomeric oilresistant padding. Designed to withstand 50 lbs. per square inch. The plain rubber pads are corrugated on both sides and the cork is laminated between two corrugated pads.

IRP International Refrigeration Products ANCHOR

Part No.	Size (In.) L	W	Thickness	Composition	Price
MP18	18	18	3/8	Rubber	16.12
MP2	2	2	3/8	Rubber	Call
MP2C	2	2	7/8	Rubber/Cork	0.38
MP3C	3	3	7/8	Rubber/Cork	0.80
MP4C	4	4	7/8	Rubber/Cork	1.44
MP6C	6	6	7/8	Rubber/Cork	2.98
MP18C	18	18	7/8	Rubber/Cork	28.70

EVA™ VIBRATION PADS



Extreme Vibration Attenuation (EVA™) is the latest generation in vibration dampening technology. In the most severe vibration extremes, testing shows the EVA™ pad outperforms regular pads. The enhanced performance comes from the special composite foam center which is structurally more sound than cork. EVA™ is not affected by oils or chemicals that can break down cork and is much more effective at vibration dampening that solid rubber. Designed to withstand 50 psi.

IRP International Refrigeration Products

Part No.	Size (In.) L	W	Thickness	Price
MP2E	2	2	7/8	1.28
MP3E	3	3	7/8	3.12
MP4E	4	4	7/8	2.34
MP6E	6	6	7/8	4.66

WAFFLE PAD



For noise and vibration reduction. Increased deflection from waffle design. Suction cup design does not walk.

- 3/4" thick
- Load rating: 180 lbs./2" square
- 2" squares with thin connecting web for easy separation into propersize

Part No.	Size (In.) L	W	Price
R18X18SW	18	18	82.90
R2X2SW	2	2	2.50

ISOLATION WASHER BUSHING



Minimum isolation where mounts or hangers are not required.

MASON WHOLESALE

Part No.	Bolt Dia. (In.)	OD (In.)	Price
HG38	3/8	1-1/4	5.80
HG50	1/2	1-1/8	6.00

NEOPRENE HANGER



Static deflection and vibration control in a steel strap for hanging loads.

- Double deflection neoprene element

MASON WHOLESALE

Part No.	Rated Capacity (Lbs.)	Dimension (In.) D	W	H	Price
HDGREEN	<35	1-3/4	1-7/8	2-1/4	21.70
HDA-BLACK	<45	2	2-1/4	2-3/4	26.90
HDA-GREEN	30 to 75	2	2-1/4	2-3/4	26.90
HDARED	60 to 125	2	2-1/4	2-3/4	26.90
HDB-RED	<235	3-1/4	4-1/4	4-1/2	60.40

HARDWARE

VIBRATION DAMPENING

NEOPRENE SURFACE MOUNT



Double deflection neoprene mounts for surface loads. High static deflections. Complete rubber covering for corrosion protection in outdoor or humid environments.

MASON WHOLESALE

Part No.	Max. Load (Lbs.)	Dimension (In.)			Price
		L	W	H	
NDA-BLACK	45	3-3/16	1-11/16	1-1/2	20.10
NDA-GREEN	75	3-3/16	1-11/16	1-1/2	20.10
NDARED	125	3-3/16	1-11/16	1-1/2	20.10
NDBGREEN	150	3-7/8	2-5/16	1-7/8	35.00
NDBRED	235	3-7/8	2-5/16	1-7/8	35.00
NDBWHITE	380	3-7/8	2-5/16	1-7/8	35.00

UNHOUSED SPRING MOUNT



1" deflection mounts used on upper building levels with wide vibration sensitive spans.

- With baseplate

MASON WHOLESALE

Part No.	Capacity (Lbs.)	Dimension (In.)			Price
		L	W	H	
SLFHA-125	119.40	3-5/8	2-1/4	4-1/4	75.80
SLFHA200	200	-	-	-	75.80

INSULATION

TAPE



- Tape roll: 30' length, 2" wide, 1/8" thick
- 12 rolls/case

NATIONAL REFRIGERATION PRODUCTS

Part No.	Description	Price	Price/Roll
N5	Pressure Sensitive Foam Roll	14.80	20.50
NRP1	Rubber Asphalt Cork Roll	18.20	29.30

SEALING COMPOUND



- Nondrying synthetic polymer
- Off white color

NATIONAL REFRIGERATION PRODUCTS

Part No.	Case Qty.*	Description	Price	Price/Ea.
NRP2	24	Sealing Gum, 2 Lb. Slug/Box	10.70	14.80
NRP38	12	Sealing Cord, 3/8" Bead, 25'	12.50	17.00

AEROSOL



- Economically insulates, seals, bonds and retrofits. Stops air infiltration
- Meets major building codes
- Cured foam can be trimmed, sanded and painted
- Excellent shelf life–guaranteed quick delivery
- Tack-free bond in less than 10 minutes
- Fully cured bead in approximately 1 hour
- "HCFC formula"
- UL classified

DIVERSITECH

Part No.	Container Size (Oz.)	Yield Linear Ft. 3/8" Bead	Yield Ft.^{3}	Case Qty.	Price	Price/Ea.
01714	12 Oz	12 Oz	.6	12	19.16	11.90

HAND CLEANER

SCRUBS™



- Famous "Scrubs" hand cleaner towel

Nu-Calgon

Part No.	Container Size	Case Qty.*	Description	Price	Price/Ea.
436687	72 Sheets	6	Moistened Scrubs	Call	45.82

GASKET

RED RUBBER



Styrene butadiene rubber or red rubber is an economical rubber compound recommended for a variety of low pressure applications in hot or cold water.

- Tensile strength: 400 psi
- Temperature range: -20°F to +170°F

Part No.	Sheet Size (In.)		Thickness (In.)	Price
	W	L		
30X30RED	30	30	1/8	Call

HARDWARE

GASKET

SHEET PACKING



- Non asbestos compressed sheet packing
- Nitrile binder
- For use against gases, water, steam, organic acids, alkalis, aromatic and aliphatic hydrocarbons, oils, greases and refrigerants
- Temperature range maximum: 750°F
- Pressure range maximum: 1,200 psi
- Tensile strength (against grain): 2,000 psi
- Suitable for compressor/refrigerant flange seals

	Sheet Size (In.)			
Part No.	W	L	Thickness (In.)	Price
30X30X116	30	30	1/16	Call
30X30X132	30	30	1/32	Call
30X30X164	30	30	1/64	Call

RED RUBBER GASKET

Part No.	Sheet Size W X L (In.)	Thickness (In.)	Price
11636RRGM	36" x 48"	1/16"	6.14
1836RRGM	36" x 48"	1/16"	11.66

GRAPHITE GASKET MATERIAL

Part No.	Sheet Size W X L (In.)	Thickness (In.)	Price
116FGS	60" x 60"	1/16"	218.48

GRAPHITE RING GASKET

Part No.	Nominal Pipe Size	Price
114FRG116	1-1/4"	0.80
112FRG116	1-1/2"	1.08
3FRG116	3"	2.00
4FRG116	4"	3.18
5FRG116	5"	3.78
6FRG116	6"	4.36
8FRG116	8"	6.04

WATER HOSE FITTING

GARDEN HOSE



- 5/8" premium heavy duty garden hose

Part No.	Length (Ft.)	Price
M79641	50	45.10
5IG5875	75	124.76

HOSE



Part No.	Length (Ft.)	Description	Price
R58050	50	Rubber R58050 5/8"	56.21
HW5850	50	Hot water HW5850 5/8"	60.64

CONNECTION MALE THREAD



- Male tapered iron pipe thread or hose thread to male hose thread

Part No.	Connection Size, Type (In.)	Price
GH212	3/4 MHT x 3/4 MHT	3.51
GH612D	3/4 MHT x 1/2 FPT	2.84
GH612ELF	3/4 MHT x 3/4 FPT	6.45
GH812C	3/4 MHT x 3/8 MPT	6.21
GH812DLF	3/4 MHT x 1/2 MPT	5.25
GH812EDLF	3/4 MHT x 3/4 MPT x 1/2 FPT	3.45
GH211212LF	3/4 MHT x 3/4 BARB	7.47

CONNECTION FEMALE SWIVEL



- Female tapered iron pipe thread or hose thread to female swivel hose thread

Part No.	Connection Size, Type (In.)	Price
GH312	3/4 FHT x 3/4 FHT	4.11
GH412D	3/4 FHT x 1/2 FPT	3.74
GH412E	3/4 FHT x 3/4 FPT	4.55
GH512DLF	3/4 FHT x 1/2 MPT	8.01
GH512ELF	3/4 FHT x 3/4 MPT	6.91
GH201212	3/4 FHT x 3/4 BARB	5.24
GH20128	3/4 FHT x 1/2 BARB	5.06
GH3S12	3/4 FHT x 3/4 FHT SWIVEL	4.13
GH4S12D	3/4 FHT x 1/2 FPT SWIVEL	3.70
GH4S12ELF	3/4 FHT x 3/4 FPT SWIVEL	8.46

ACCESSORIES



RADIATOR SPECIALTY COMPANY

Part No.	Description	Price
M79582	Spray Nozzle, Lever Type, Zinc	21.03
GH012	Hose Washer	Call
GHC12LF	Hose Thread Cap, Pr.	3.13

HEAT GUN



Used for:

- Faster vacuums
- Curing/drying
- Coil defrosting
- Drying out condensation in motors, clutches, etc.
- Kit includes gun, adapters and case.

YELLOW JACKET

Part No.	Description	Price
69092	Heat Gun Kit 115V. 600° and 1000°F Settings	136.08

HARDWARE

GAS GENERATOR



- Output 7.5 KW Peak, 7.0 KW continuous
- Electric start
- 16 HP Engine, 1 cylinder, 4 stroke, OHV
- Low oil shutdown
- Automatic idle and voltage regulation
- Fuel level indicator; 89 octane or above
- 120Vac, 230Vac & 12 Vdc outlets
- Electrical connectors included
- UL electrical parts; EPA and CARB certified

Part No.	HP	Price
G7.5KW	Gas Generator, 7.5 KW	Call

MARKING

SPRAY PAINT



KRYLON 5 BALL INTERIOR EXTERIOR PAINT PRIMER

Part No.	Color	Price
K01317A00	Ruddy Brown	8.68
K01318A00	Gray Primer	8.68

KRYLON 5 BALL INTERIOR EXTERIOR PAINT ENAMEL

Part No.	Color	Price
K1501	Glossy White	9.27
K01502A00	Flat White	9.28
K01601A00	Glossy Black	9.27
K01604A00	Shadow Gray	9.27
K01608A00	Smoke Gray	9.27
K01910A00	True Blue	9.27
K1602	Ultra-Flat Black	9.73
K2101	Cherry Red	9.74

KRYLON METALLIC PAINT

Part No.	Color	Price
K1401	Bright Silver	9.47

KRYLON HIGH HEAT PAINT

Part No.	Color	Price
K1614	Radiator Black	11.03

KRYLON OSHA PAINT

Part No.	Color	Price
K1813	Safety Yellow	9.73

PRO-LINE HP

Part No.	Color	Price
L96871	White	5.58
L96872	Yellow	5.58
L96873	Black	5.58
L96874	Red	5.58
L96875	Blue	5.58
L96876	Green	5.58

TAPE

TAPE

MULTI PURPOSE PLAIN ALUMINUM FOIL TAPE



Part No.	Finish	Width	Roll Length	Price
P651411	FOIL	2	50	13.52
P651413	FOIL	3	50	20.24

EXTREME WEATHER FOIL TAPE



Part No.	Finish	Width	Roll Length	Price
P330014	FOIL	3	46	21.04

COLD WEATHER PREMIUM FOIL TAPE



Part No.	Finish	Width	Roll Length	Price
P651997	FOIL	2.5	60	28.94
P652230	FOIL	3	60	34.76

FSK INSULATION TAPE



Part No.	Finish	Width	Roll Length	Price
P651414	FOIL	2	50	14.92
P651416	FOIL	3	50	22.38

FOILMASTIC FOIL/BUTYL SEALANT TAPE



Part No.	Finish	Width	Roll Length	Price
P681586	FOIL	2.5	100	36.56
P681498	FOIL	3	100	43.80

TAPE

TAPE

FOILMASTIC FOIL/BUTYL SEALANT TAPE UL181B-FX



Part No.	Finish	Width	Roll Length	Price
P652123	FOIL	3	100	43.80

PREMIUM WIRE HARNESS TAPE



Part No.	Finish	Width	Roll Length	Price
N3981020000	WHITE	2	60	11.78

PROFESSIONAL GRADE METALLIZED DUCT TAPE



Part No.	Finish	Width	Roll Length	Price
P651771	METALLIZED	3	60	24.32

MULTI PURPOSE DUCT TAPE



Part No.	Finish	Width	Roll Length	Price
P682009	SILVER	3	60	17.80
P682301	BLACK	3	60	17.80

CONTRACTOR GRADE DUCT TAPE



Part No.	Finish	Width	Roll Length	Price
P682577	SILVER	2	60	14.94
P682869	BLACK	2	60	14.94

ELECTRICAL TAPE (MARS)



Part No.	Finish	Width	Roll Length	Price
M86186	RED	3/4"	60	2.16
M86188	GREEN	3/4"	60	2.16
M86189	BLUE	3/4"	60	2.68

ELECTRICAL TAPE



Part No.	Thickness (Mils)	Width (In.)	Roll Length (Yd.)	Description	Price
ET33	7	3/4	66	3M Super 33	21.36
N5255	7	3/4	66	General Purpose	2.20
34X72G	7	3/4	60	General Purpose	2.20

LIQUID ELECTRICAL TAPE (STARBRITE DISTRIBUTING)



Part No.	Price
S84104B	13.99

PREMIUM DUCT TAPE UL STANDARD 181B-FX



Part No.	Finish	Width	Roll Length	Price
P601140A	BLACK	3	60	28.74
P601141A	GREY	3	60	28.74

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CHEMICALS & SOLVENTS

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CHEMICALS & SOLVENTS

CONDENSER COIL CLEANER

NU-BRITE®



Not recommended for indoor use.

- Cuts through grease and grime better than acids
- Foams like acids
- Brightens as well as acids
- Safer than acids
- Biodegradable

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4291-05	2-1/2 Gal.	1	77.46
4291-01	55 Gal.	1	Call
4291-08	1 Gal.	4	30.46

ALKA KLEEN



Alka Kleen's heavy duty foaming formula can be diluted to cover larger areaeconomically. Removes heavy grease, dirt, smoke, film and insects. Safe on all metals.

NC

Part No.	Size	Description	Price
AN1GN	1 Gal	Alka Kleen	23.98
AN2GN	2.5 Gal	Alka Kleen	53.98

KLEEN FOAM



Kleen Foam is an extra heavy foaming outdoor non acid cleaner. The thick foam removes stubborn deposits from outdoor air cooled condenser coils. Safe for use on all metals.

NC

Part No.	Size	Description	Price
KF1GN	1 Gal	Kleen Foam	23.80
KF2GN	2.5 Gal	Kleen Foam	53.56

KLEEN BRITE



Kleen Brite's acid-based condenser cleaner and brightener is formulated to make difficult jobs easy. Fast acting and safe when used as directed. It makes dirty fins and coils look like new. Safe on all metals.

NC

Part No.	Size	Description	Price
KB1GN	1 Gal	Kleen Brite	31.62

ALKA-BRITE®



For cleaning and brightening air cooled condensers, permanent filters and other finned heating and cooling coils.
Not recommended for indoor use.

- Foaming helps lift out stubborn soils
- Does not contain any acid
- Biodegradable
- Alka-Brite® has been authorized by the U.S.D.A. for use in federally inspected meat and poultry establishments

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4120-08	1 Gal.	4	31.30

FOAM-BRITE™



This new generation condenser coil cleaner will provide the ultimate in foaming, brightening and cleaning. It can be used to replace the more dangerous HF acid-based products for condenser coil cleaning.

- Maximum foaming, nonacidic, condenser coil cleaner

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4178-08	1 Gal.	4	30.78
4178-05	2-1/2 Gal.	1	78.10

CAL-GREEN



Clean the condenser unit with an all natural environmentally friendly coil cleaner.
This non-foaming, not-toxic cleaner is outstanding for removing dirt and grime which hinders heat transfer. By cleaning the fins with Cal-Green you restore the unit's efficiency while being environmentally responsible. This biodegradable product is free and clear of dyes, fragrances, and masking agents.

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4190-08	1 Gal.	4	31.16

TRICLEAN® 2X



A specially formulated chemistry in an easy-to-use packaging for the annual cleaning of residential and light commercial outdoor air conditioning coils. The metal safe, low-foaming biodegradable formula rapidly emulsifies dirt and grime so the system continues to run efficiently, lowering operating costs and increasing system

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price
4372-24	1 Quart	6	29.48

CHEMICALS & SOLVENTS

CONDENSER COIL CLEANER

EZ MIX™ BLUE



EZ MIX™ BLUE is a concentrated, granular, fast acting product that foams and lifts away stubborn deposits from air-cooled condensers and coils. Easy to use and functionally equivalent to conventional liquid when both products are mixed as concentrated condenser coil cleaners directed. Non acid formulation, will not rust ferrous metals.

Specialty Chemical

Part No.	Container Size	Price
SCM83301	16 oz	34.32

EVAPORATOR COIL CLEANER

EVAP-GREEN



Evap-Green's outstanding cleaning ability will quickly remove the dust, dirt and debris that is typically found on evaporator coils. During the cleaning process, dirt, oils and greases are emulsified and are quickly removed from the coil restoring the unit's efficiency.

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4191-08	1 Gal.	4	29.10

EVAP POW'R®



Evap Pow'r® is a "no rinse" product formulated for cleaning indoor evaporator coils. The green-colored, slightly alkaline liquid is metal-safe and therefore will not harm the coil's metal surfaces when left in contact with them in a no-rinse application. It cleans and emulsifies the most stubborn soils and deposits, and is biodegradable as well as S.D.A.authorized.
Concentrate: dilute 3:1

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4168-08	1 Gal.	4	27.32
4168-05	2-1/2 Gal.	1	67.10

CALCLEAN®



Use CalClean® for fast and thorough cleaning of evaporator coils, heating coils, window units, air-cooled condensers and permanent air filters.

- Does not require rinsing where there is sufficient condensate being pulled from the air. The cleaning solution may be left on the evaporator coil without rinsing
- Cleans without metal loss
- Biodegradable
- Has been authorized by the U.S.D.A. for use in federally inspected meat and poultry establishments

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4135-08	1 Gal.	4	38.36
4135-06	2-1/2 Gal.	1	96.18

EVAP FRESH™



Evap-Fresh™ is a ready-to-use, nonabrasive, one-step cleaner and disinfectant for evaporator coils in small air conditioners, commercial air handling equipment, HVAC cooling coils and refrigeration equipment. Evap-Fresh™ has been tested effective via AOAC methodology against a wide variety of organisms including:

- Salmonella typhi and choleraesuis
- Staphylococcus aureus (also Methicillin and Vancomycin intermediate resistant varieties)
- Streptococcus pyogenes
- Listeria monocytogenes

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4166-75	18 Oz. Aerosol	6	14.92
4166-08	1 Gal.	4	32.60

EZ MIX™ GREEN



EZ MIX™ GREEN is a concentrated, granular, evaporator coil cleaner. Easy to use and functionally equivalent to conventional liquid concentrated evaporator coil cleaners when both products are mixed as directed. Cleans, deodorizes and rids condensate pans of slime. Non- toxic, biodegradable; does not require rinsing under normal conditions

Specialty Chemical

Part No.	Container Size	Price
SCM83401	16 oz	34.32

KLEEN COIL



Kleen Coil is a non-acidic and self-rinsing evaporator cleaner that safe cleans away grime, oil, grease and dirt quickly, no rinsing is required. Safe on all metals.

NC

Part No.	Size	Description	Price
KN1GN	1 Gal	Kleen Coil	21.92
KN2GN	2.5 Gal	Kleen Coil	49.32

ALL PURPOSE COIL CLEANER

CAL-BRITE™



Cal-Brite™ is a low-pH or acid-based product developed for cleaning evaporator coils, air-cooled condensers and other finned cooling and heating coils. It is based upon glycolic acid and ammonium bifluoride, and it incorporates two surfactants, including duPont's Merpol®. The activity between the glycolic acid and the ammonium bifluoride produces a synergestic cleaning effect, resulting in a clean, brightened coil, but with the utmost in safety to the applicator and the job site as compared to HF-based products.

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4133-08	1 Gal.	4	39.66

CHEMICALS & SOLVENTS

ALL PURPOSE COIL CLEANER

MULTI KLEEN



Clean condenser or evaporator coils, metal cabinets, refrigeration parts and components. Gentle for metal when used as directed.

NC

Part No.	Size	Description	Price
MK1GN	1 Gal	Multi Kleen	17.28
MK2GN	2.5 Gal	Multi Kleen	30.70

HD CALCLEAN®, EAC



Special HD CalClean® is an extra-strong liquid detergent specifically designed for cleaning electronic air filters. It will rapidly clean dirt, grease, dust and tars from the plates on these filters and it will not corrode or tarnish aluminum or other metals when used at recommended concentrations.

- Biodegradable
- Authorized by the U.S.D.A. for use in federally inspected meat and poultry processing facilities

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4143-08	1 Gal.	4	40.84
4143-06	2-1/2 Gal.	1	101.02

TRI-POW'R™



An alkaline cleaner based upon positive emulsion technology. It is nonacidic, nontoxic, biodegradable and is very safe to use. Diluted one part product to five parts water, it can be used to clean air-cooled condensers, permanent filters, evaporator coils, fan blades, motors and many other general cleaning applications. It can also be diluted 10:1 and used in a "no-rinse" application on evaporator coils, particularly where there is sufficient condensate for flushing.

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4371-88	1 Gal.	4	Call

MULTI PURPOSE



Renewz™ is a non-acid high foaming cleaner and brightener for air cooled condenser coils. Leaves aluminum bright, shiny, and clean in less than 5 minutes.

RECTORSEAL

Part No.	Description, Application	Container Size	Price/Ea.
0523G	Renewz™, Nonacid, Condenser, Foaming	1 Gal.	24.07

GREEN CLEAN™



Green Clean™ is a pleasantly scented, concentrated all-purpose cleaner designed for the rapid removal of grime and other heavy soils. A safer, effective, alternative to toxic cleaners, bleaches and solvents!

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4186-24	1 Qt.	12	17.62
4186-08	1 Gal.	4	32.34

ICE MACHINE CLEANER

NICKEL SAFE



A specially formulated food-grade product for removing scale deposits from ice machines having nickel-plated evaporators.

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4287-34	16 Fluid Oz.	24	13.40
4287-08	1 Gal.	4	81.20

GENERAL PURPOSE



A food-grade liquid acid that is fast acting yet safe to use in equipment. It does not give off any harsh fumes or contain chlorine or chlorides that would attack stainless steel.

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4207-47	8 Fluid Oz.	12	11.78
4207-08	1 Gal.	4	101.82

ICE MACHINE CLEANER



- Removes scaled deposits from storage bins, tops, bottoms and the side extrusions found in ice machines
- Made to Manitowoc specification (Nickel Safe)
- USDA Authorized (Nickel Safe)

NC

Part No.	Size	Description	Price
NIMC	8 Oz.	Ice Machine Cleaner	9.98
NIMC1G	1 Gal.	Ice Machine Cleaner	83.50
NS16OZ	16 Oz.	Nickel Safe Ice Machine Cleaner	10.84
NS1G	1 Gal.	Nickel Safe Ice Machine Cleaner	68.24

CHEMICALS & SOLVENTS

ICE MACHINE TOTAL GUARD™

LIQUID SANITIZER



A sanitizing concentrate formulated exclusively to sanitize hard nonporous surfaces to eliminate odors and slime growths. No rinsing is required. Designed for general use in ice machines, ice cream dispensing equipment and other food processing equipment.

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4211-34	16 Fluid Oz.	24	14.74

TUBE FLUSH CLEANER

RX-11 FLUSH®



An ozone-safe solvent engineered specifically for flushing refrigeration and air conditioning systems. Used exactly like the old R-11 flushing process, Rx11 is strong enough to rinse away particulate, sludge, carbon residues, acids, oils and water. Packaged in a convenient pressurized container.

- Safe, nontoxic and nonflammable
- Low boiling point enhances complete evaporation
- Modern packaging minimizes solvent exposure to hands, eyes, and lungs

Nu-Calgon

Part No.	Application	Description	Price
C430008	1 Lb., 3 to 4 Tons	Starter Kit, 1 lb. can, Gun, Hose, Valve	172.46
4300-09	1 Lb., 3 to 4 Tons	System Flush, 1 Lb.	76.32
4300-11	2 Lb., 5 to 7 Tons	System Flush, 2 Lb.	146.68
4300-10	4 Lb., to 14 Tons	Start Up Pack, 2 x 2 Lbs., Access Valve	337.18
4300-15	13 Lb., to 50 Tons	System Flush, 13 Lb.	867.15

RX-11 FLUSH® ACCESSORIES



The flushing tool and gun can be used on line sets as small as 1/4" and up to 1-1/8". The flushing gun is a trigger mechanism that attaches to a standard charging hose when applying Rx11-flush.

Nu-Calgon

Part No.	Description	Price
4300-52	24" Hose	32.50
C430089	Injection Valve	46.46
4300-50	Flushing Tool	16.58
4300-51	Flush Gun	44.12

KLEEN FLUSH



Use KleenFlush for:

- Line sets in preparation for retrofitting
- Systems after burnout
- Systems before new component installation

NC

Part No.	Description	Price
KFCA	Kleen Flush Can Actuator	20.50
KFIT	Kleen Flush Injection Tool Tip	31.30
KFITT	Kleen Flush Injection Tool Tip 1/4" MFL ADPT	12.30

PRO-FLUSH™



Pro-Flush™ is a flushing solvent for AC and refrigeration systems, and is formulated for R-410A retrofits, refrigerant conversions and compressor burnouts.

- Low toxicity, non-flammable, residue free
- One can treats 5-8 tons (2 to 3 oz per ton).

DIVERSITECH

Part No.	Description	Price
PF-KIT	Pro-Flush™ Kit, Includes: Charging Hose, Large Flush Nozzle, Refillable Pressure Tank, 16 oz. Container of Pro-Flush™, Pressure Relief Valve	336.36
PF-16	Pro-Flush™ 16 Oz. Flushing Solvent, Refill	185.32

FLUSH-ALL



The Flush-All Kits provide a unique total solution that couples the powerful FA Flush-All solvent with our patented biflow Sporlan SFD-163S filter-drier. The ozone-safe FA Flush-All solvent aggressively addresses old oil, varnish and sludge within the line-sets before system start-up. This is advantageous since oil breakdown products can exist in the liquid line and are difficult to remove with competing filter-driers that only address moisture concerns of HFC/ POE lubricant systems. The Sporlan SFD 163S is an application specific filter drier designed for permanent installation in the liquid line

SPORLAN

Part No.	Description	Price
FAKIT1-S	Starter Kit	179.65
FAKIT1	Refill Kit	130.08

CHEMICALS & SOLVENTS

CLEANING SOLVENT

DEGREASER



Degreasing Solvent ef is a volatile solvent, especially compounded to provide effective cleaning and drying and reduce safety hazards. Its environmentally friendly formulation does not contain any ozone depleting compounds. Degreasing Solvent ef is suitable for cleaning electrical and electronic equipment and parts. It will not damage metals, insulating materials, most plastics or rubber under normal use conditions. It may also be used as a flushing compound in burnouts or prior to system conversion to HFCs.

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4162-07	1 Gal.	6	55.42

DEGREASER



- Environmentally friendly, heavy duty cleaner and degreaser.
- Fast drying, non-conductive, leaves no residue, with no water rinse needed.
- Citrus scented.

NC

Part No.	Size	Description	Price
NDS17OZ	17 Oz	HD Degreasing Solvent	12.98
NDS1G	1 Gal	HD Degreasing Solvent	36.88

INDUSTRIAL GASKET REMOVER



Lifts off baked-on gaskets, gasket cements, formed-in-place gaskets, carbon deposits, dried oil, grease and paint on any type of metal in minutes. A chemical liquid that works to remove precut conventional gasket cements as well as formed-in-place

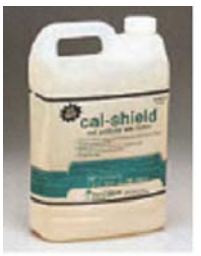
Gasket remover is ideal for removing:

- Baked-on gaskets and gasket cements from any type of metal surface
- Chemical formed-in-place gaskets, including RTV silicone and anaerobic materials
- Gaskets from aluminum components without scraping or damaging machine surfaces
- Gaskets from small or difficult-to-reach components
- Baked-on grease and oil deposits

CRC

Part No.	Container Size	Case Qty.*	Price/Ea.
03017	16 Oz. Aerosol	12	13.89

COIL PROTECTANT, CAL-SHIELD™



Specifically designed for application on air-cooled condensers, evaporator coils and other finned heating and cooling coils where it forms a micro-thin or molecular film of Teflon. Once applied, Cal-Shield™ will shield and protect the coil from adverse conditions within the operating environment.

- Formulated with DuPont teflon surface protector
- Food grade product, made with FDA approved ingredients
- Extends life of coils operating in corrosive environments like salt air and food acids

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4148-32	1 Qt.	6	42.36
4148-08	1 Gal.	4	102.50

BACTERIA/FUNGI CONTROL

ALGAECIDE, LIQUID



No. 85 Algaecide is a polymeric, cationic biocide that has been developed for controlling the growth of algae, bacteria, and fungi in recirculating water systems such as cooling towers, evaporative condensers and closed cooling water systems and industrial air-washing systems.

- Can be slug fed, drip fed with the No. 215 or No. 1075 drip feeders or fed with a chemical solution pump
- Effective in both alkaline and acid waters
- Nonvolatile

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4108-08	1 Gal.	4	202.20

BIO-FRESH®



Bio-fresh® cd is a ready-to-use bacteriostat, fungistat and deodorizer based upon chlorine dioxide technology. It is recommended for control of bacteria, mold, mildew, fungi and yeasts in IAQ applications. It is safe for fogging and may be applied to occupied space.

- Provides effective microbial control of evaporator coils, condensate pans and surrounding ductwork
- Effective against Legionella bacteria

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4126-34	1 Qt.	12	19.70
4126-38	1 Gal.	4	33.46

CHEMICALS & SOLVENTS

BACTERIA/FUNGI CONTROL

PAN-PADS®



The product is a quaternary-based biocide, formulated in tablet form and enclosed in a plastic housing which in turn is sealed ultrasonically to an absorbent white filter pad. Water is absorbed by the pad and "wicked" to the tablet, resulting in the immediate but controlled release of the biocide.

Nu-Calgon

Part No.	Treats	Container Size	Case Qty.*	Price/Ea.
4295-34	Up to 5 Tons	3/4 Oz.	24	8.28
4296-24	Up to 15 Tons	2-1/8 Oz.	12	20.78
4296-45	Up to 45 Tons	6 Oz.	6	45.50

PAN TREAT™



Pan-Treat is formulated with ingredients proven effective in cleaning and preventing these deposits, and its use will eliminate the extra maintenance costs associated with odors, plugged drains and overflows. Pan-Treat is extremely easy to use, and is safe, noncorrosive, non-toxic and biodegradable. The product is completely soluble in water and it does not form any deposits in the pan or drain.

- 1 tablets per ton of system capacity / month in condensate pans
- 2 to 4 tablets every 4 to 6 weeks in humidifiers

Nu-Calgon

Part No.	Package Qty.	Price
4296-60	200 Tablets	32.04

GEL TABS, DRAIN PAN TREATMENT



- Protects drain pan against clogs
- Gel formulation locks tab into place
- Completely dissolves
- Leaves no waxy residue
- Up to 3 months of protection
- Eliminates foul and musty odors

Nu-Calgon

Part No.	Application	Container Size	Price
4185-03	Treats up to 3 tons	12 Tabs	Call
4185-05	Treats up to 5 tons	6 Tabs	Call
4185-15	Treats up to 15 tons	One Tab	Call

FLOW-PLUS



- Long-term release
- Dissolves completely
- Economical, no waste
- Biodegradable
- Non-Corrosive
- Environmentally Safe
- Non-Hazardous

Specialty Chemical

Part No.	Application	Container Size	Case Qty*	Price/Ea.
SCM18106	Treats 3 to 5 tons	6 Oz. Clamshell	48	69.04
SCM182HT	Treats 20 to 50 tons	1.25 Lb. Tube	8	138.08
SCM184	Treats 5 to 20 tons	10 Oz. Tub	18	Call
SCM18316	"Mini-Tabs", Treats 1/2 to 3 tons	25 Tabs/Jar	24	80.72
SCM183200	"Mini-Tabs", Treats 1/2 to 3 tons	200 Tabs/Jar	4	565.44

PRO-TREAT



Controls humidifier odors and scale and eliminates most of the extra maintenance and odor problems caused by plugging drains and dirty reservoirs.

DiversiTech

Part No.	Package Qty.	Price
PT152	King Size Premium Condensate Drain Pan Treatment	127.44

PURCOOL STRIPS



PurCool™ is a time release product designed to keep condensate pans and drains clean and free flowing preventing costly condensate pan overflows. Place PurCool™ strips in air conditioning and refrigeration condensate pans for 4 months of overflow protection.

ClenAir

Part No.	Application	Description	Price/Ea.
1903D	3 Tons	1.25 Oz. 3" strip	Call
2001D	5 Tons	3 oz, 8" strip	Call

PURCOOL TABLET

Part No.	Application	Price
PCG5T	5 Tons	9.22

PURCOOL GREEN MINI STRIP

Part No.	Application	Description	Price
PCG5MS	5 Tons	Treatment for Mini-Splits	9.04

CHEMICALS & SOLVENTS

SCALE/CORROSION CONTROL

LIQUID SCALE DISSOLVER



For removing scale and corrosion from cooling tower and cooling water systems.

- A liquid hydrochloric acid scale remover
- Concentrated and fast acting
- Quickly dissolves iron oxide deposits
- Contains low-foaming corrosion inhibitors
- 1 gal. will dissolve 3 lbs. of scale
- pH color indicator

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4330-08	1 Gal.	4	33.90
4330-05	5 Gal.	1	144.72

SCALE REMOVER®



- Removes severe build up of lime and scale in cooling towers and evaporative condense.
- When dissolved. PH color indicator is activated.
- Contains metal corrosion inhibitors.

NC

Part No.	Size	Description	Price
NSR1G	1 Gal	Scale Remover	26.52
NSR5G	5 Gal	Scale Remover	112.12

LIQUID SCALE INHIBITOR



This unique organic scale inhibitor is extremely effective, particularly when the water is extremely hard and high in alkalinity. No. 340 liquid scale inhibitor is stable and does not form any orthophosphate sludge. There is no breakdown up to the boiling point, even in highly alkaline or acid solutions. A feed rate of 1/2 gal. per month is recommended for each 30 tons with a bleedoff rate of 1 gal. per minute.

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4340-08	1 Gal.	4	130.54
4340-05	5 Gal.	1	Call
4340-01	55 Gal.	1	Call

CAL-TREAT 233



Soft, low alkalinity waters are hungry and tend to eat up condensers and piping in water-cooled air conditioning and refrigeration systems. Put a stop to corrosion problems with Cal-Treat 233, the most effective corrosion inhibitor known for cooling water systems.

Nu-Calgon

Part No.	Container Size	Price
4149-05	5 Gal.	Call

POWDERED SCALE DISSOLVER



- A powdered sulfamic acid formulation
- 2 lbs. of "Imperial" scale remover will dissolve 1 lb. of scale
- Wetting and antifoaming agents are added to improve performance
- A built-in pH color indicator lets you see when the system is clean
- Will give off no obnoxious or corrosive fumes

Nu-Calgon

Part No.	Container Size	Price/Ea.
C436088	10 Lb.	123.30
4360-84	50 Lb.	Call

MICROMET® PLATES



Micromet plates inhibit scale formation by holding the scale-forming minerals in solution long enough to be carried away through the bleed-off. They also form a microscopic, thin protective film on metal surfaces to reduce corrosion.

- Low cost treatment
- One charge lasts 5–6 months
- Nonstaining
- Treated water will not harm grass and plants
- Authorized by the U.S.D.A. for use in federally inspected meat and poultry establishments

Nu-Calgon

Part No.	Container Size	Comment	Price
4364-88	5 Lb.	Self-feeding; Place in Sump	215.92

ACID PUMP



Specially designed for circulating hydrochloric acid or strong sulfamic acid cleaning solutions through scaled water-cooled condensers, heat exchangers, water heater coils, water lines, coffee urns and other water handling equipment. Can also be used for agitating or mixing chemical solutions.

- All parts made of acid-resistant materials
- Double seals on shaft
- Completely submersible
- Compact 4 1/2" x 2 5/8" x 4 1/4"

Nu-Calgon

Part No.	Description	Price
4603-0	Acid Pump	260.22
C46040	Acid Pump Hose Kit	78.68

CHEMICALS & SOLVENTS

SCALE/CORROSION CONTROL

DRIP FEEDER



The Nu-Calgon drip feeders are used to feed No. 340 liquid scale inhibitor, Cal-Treat® 233, Ty-Ion C70 and No. 85 Algaecide to recirculating cooling water systems. The feeder assembly consists of a coil of capillary tubing with a probe, a weight, syringe and a clamp. Each feeder is calibrated at the factory to assure accurate delivery.

Nu-Calgon

Part No.	Max. Flow Rate	Price/Ea.
4670-W3	12 Gal./Month	73.18

CONTAINER BRACKET



Use to set up chemical feed systems using chemical container and drip feeder

Nu-Calgon

Part No.	Description	Price
4606-0	Liquid Container Bracket, 1 Gal.	Call
4607-0	Liquid Container Bracket, 5 Gal.	Call

PUMP PROTECTOR



Protects seasonally operated pumps during shutdown.

- Ends pump impeller binding
- Protects against corrosion
- Safe for all types of water pumps
- Requires no special rinsing at startup
- This product has been authorized by the USDA for use in federally inspected meat and poultry plants

Nu-Calgon

Part No.	Container Size	Case Qty.*	Price/Ea.
4299-T8	10 Oz.	12	21.38

CONTAMINATION CONTROL

A/C EASYDRY



- A/C EasyDry eliminates moisture in the system
- Treats up to 5 ton systems
- Compatible with all oils and refrigerants
- Prevents acid from forming
- Compliments the system's drier

Moisture is a problem for any system and a concern of all technicians. If it is not removed, acids as well as corrosion and other problems can trouble the system and the compressor. A/C EasyDry is a quick and simple way to eliminate the moisture.

Nu-Calgon

Part No.	Container Size	Description	Price
4051-06	3 Oz.	Pressurized Can	79.62

ACID AWAY®



Circulates quickly throughout the system and chemically neutralizes acids that are left in an air conditioning or refrigeration system after a burnout occurs.

RECTORSEAL

Part No.	Oil Usage	Container Size	Price
45004	Mineral, Alkylbenzene	4 oz.	21.64
RS45010	Mineral, Alkylbenzene	1 oz.	Call

ACID SCAVENGER



Rx-Acid Scavenger provides a better, more convenient way to neutralize or "scavenge" acid in refrigeration, air conditioning systems... after burnouts or during normal on-going systems maintenance. Normal dosage rate is 2 fl. oz. of Rx-Acid Scavenger for 1 gallon of system oil. Acid Scavenger is formulated for use with all lubricants... mineral, alkylbenzene, and polyol ester. Use after system burnout to scavenge acid products in the system, or change a system with Rx-Acid Scavenger to neutralize acid conditions should they develop.

Nu-Calgon

Part No.	Description	Price
4301-02	Acid Scavenger, 2 oz.	35.60

LEAK DETECTION

GAS LEAK DETECTOR



NRP leak detectors are designed for fast and easy location of gas leaks.
NRP Blue leak detector can be used down to -30°F.
NRP Fluorescent leak detector is well suited for poorly lit areas.
NRP Clear leak detector is extra thick to stay in place and can be used down to 5°F.

NRP NATIONAL REFRIGERATION PRODUCTS

Part No.	Container Size	Description	Price
NLDC	8 Oz.	Clear, Dauber	6.26

CHEMICALS & SOLVENTS

LEAK DETECTION

GAS LEAK DETECTOR



Nu-Calgon chemical gas leak detectors have the proper viscosity in order to remain on the surface and facilitate the formulation of the bubbles. They are noncorrosive to the metal surfaces of the piping and fittings and are functional at low temperatures (freeze-protected) as well as high or elevated temperatures

- Regular leak detector not recommended for use with oxygen systems
- Regular leak detector and Cal-Blue will not leave fluorescent residue affecting black light systems

Nu-Calgon

Part No.	Container Size	Case Qty.*	Description	Price/Ea.
4180-53	6 Oz.	24	Regular Leak Detector	10.74
4180-08	1 Gal.	4	Regular Leak Detector	Call
4182-24	1 Qt.	12	Cal-Blue Leak Detector	11.61
4182-08	1 Gal.	4	Cal-Blue Leak Detector	34.60
4183-24	1 Qt.	12	Cal-Blue Low Temperature	Call
4183-08	1 Gal.	4	Cal-Blue Low Temperature	Call
4184-24	1 Qt.	12	Fluorescent Leak Detector	18.90
4184-08	1 Gal.	4	Fluorescent Leak Detector	Call

BIG BLU



Leak check solution. The low temperature formulation is protected to -30°F.

REFRIGERATION TECHNOLOGIES

Part No.	Container Size	Description	Price
RT100S	1 Qt. Spray	Big Blu	8.55
RT100G	1 Gal.	Big Blu	22.00
RT150S	1 Qt. Spray	Big Blu Low Temperature	12.82
RT150G	1 Gal.	Big Blu Low Temperature	Call

AEROSOL

NU-CALGON



Nu-Calgon

Part No.	Container Size	Description	Price
4081-75	20 Oz.	Cal Clean Coil Cleaner	14.54
4082-03	16 Oz.	Electrical Contact Cleaner	29.64
4083-75	17 Oz.	Degreasing Solvent ef	16.90
4087-03	16 Oz.	Zinc Galvanizing Spray	22.92
4080-04	11 Oz.	Spray Adhesive	24.42
4084-03	10 3/4 Oz.	Food Grade Silicone	22.52
4292-75	17 Oz.	Wasp and Hornet Killer	16.56
4290-75	18 Oz.	Nu Blast® Condenser Coil Cleaner	19.70
4291-18	18 Oz.	Nu-Brite® Condenser Coil Cleaner	11.54
4296-50	16 Oz.	Pan-Spray™ Leak Sealer, White	28.70
4296-51	16 Oz.	Pan-Spray™ Leak Sealer, Black	28.70
4171-75	18 Oz.	Evap Foam® No Rinse Evaporator Coil Cleaner	13.52

AEROSOL®



NC

Part No.	Size	Description	Price
N4880	20 Oz	Blast Kleen	15.46
N4830	11 Oz	Electrical Contact Cleaner	22.80
N4890	19 Oz	Evap Kleen	10.30
N4840	11 Oz	Food Grade Ilicone	17.32

RECTORSEAL



RECTORSEAL

Part No.	Container Size	Description	Price
0514DA	20 Oz.	Dirt Blaster, Cleaner/Degreaser	12.46
R88438	14 Oz.	Dirt Blaster, Cleaner/Degreaser	12.46
0905DA	12 Oz.	Penetrant-Anti-Seize Lubricant	10.26
R88436	14 Oz.	Grime-Solv™, Foaming Degreaser	10.00
R82642	14 Oz.	Zipp™, Degreaser	9.54

PENETROIL



ClenAir Penetroil Aerosol Penetrating Lubricant.

ClenAir

Part No.	Container Size	Description	Price
AK12	12 Oz.	Penetrating Catalyst	18.13
PAK17	17 Oz.	Penetrating Catalyst	22.74

CHEMICALS & SOLVENTS

FREEZE PROTECTION

PROPYLENE GLYCOL



NC Propylene Glycol contains DOWFROST™ heat transfer fluid that is manufactured using Propylene Glycol USP/EP. It can be used in equipment that has contact with food products and beverages.

Part No.	Container Size	Description	Price
PG170	1 Gallon	70%	25.20
PG570	5 Gallon	70%	113.20
55PG70	55 Gallon	70%	1186.00

ETHYLENE GLYCOL



Used for heating and air conditioning, refrigeration, pavement radiant heating, waste heat recovery, sidewalk snow melting systems, ice rinks and engine cooling. Provides freezing points down below -50°F while maintaining superior heat transfer. Inhibited formulations protect most construction materials found in HVAC applications.

Part No.	Container Size	Case Qty.*	Price
4189-07	1 Gal.	6	23.30
4189-05	5 Gal.	1	109.68
4189-01	55 Gal.	1	1090.52

GLYCOMETER™



An accurate and economical tool for ensuring proper levels of glycol treatment in HVAC fluid systems. Removes guess work and prevents wasteful over-treatment. All Glycometers™ have metal body with cushioned eyepiece, focus adjustment, and a rubber hand grip. Included with each is a calibration screwdriver and calibration fluid, a plastic pipette, optical cleaning cloth, and a rugged carrying case.

Part No.	Temperature Range (°F)	Price
GLY32	-60 to 32	166.14

INSULATION, PIPE-DRI™



Quickly adheres and dries to a hard waterproof coating.

- Provides moisture barrier
- Stops sweating and dripping

Part No.	Container Size	Case Qty.*	Price/Ea.
4297-75	18 Oz.	12	19.28

CLEANER APPLICATION

HAND SPRAYER



Part No.	Description	Price
N4768	1 Pint Hand Sprayer	Call
N1985	1/2 Gallon Sprayer (Orange)	36.02
1911V	Viton O-Ring Kit for N1985 Sprayer	Call
955690	Nozzle Body, N1985	Call
N1992A	2 Gallon Acid Resistant Sprayer	49.30
N1993A	3 Gallon Acid Resistant Sprayer	57.62
N1910SGV	Repair Kit, N199* (Seals, Gaskets, Plunger Cup)	14.40
N1913PB	Repair Kit, N199* (Hose, Flow Control, Tube, Rod)	15.50
N1994	1 Gallon Viton Sprayer (Orange)	74.70
N1996	2 Gallon Viton Sprayer (Orange)	79.00
N1997	3 Gallon Viton Spayer (Orange)	90.00
N1998	1/2 Gallon Viton Sprayer (Translucent)	13.90

COIL GUN



A "hose-end" sprayer that features 4 different mix ratio settings designed for coil cleaners. Utilizes a 2 qt. capacity bottle and includes a foam wand as well as quick disconnect capability.

Part No.	Working Tank Capacity	Description	Price
4774-0	2 Qt.	Hose Nozzle Sprayer	108.22

CHEMICALS & SOLVENTS

CLEANER APPLICATION

CONDENSERNEEDLE®



- Connects to standard garden hose
- Force dirt and debris back in the direction it.
- 90° spray wand and 3 gallon per minute flow blasts dirt and grime, won't damage fins and virtually eliminates electrical tripping issues.
- Fits easily through the top of most condenser units.

SPEEDCLEAN

Part No.	Description	Price
CN03	Condenser Needle Garden Hose AC Coil Cleaner 42" H x 3" W x 3" D	Call

POWER CLEANING

COILJET



- Interchangeable deep cycle 12V rechargeable battery
- Holds up to 3 gallons freshwater, 1 quart cleaning solution
- Cleaning solution metering valve
- Can be continuously used where electricity and water hose are not available

SPEEDCLEAN

Part No.	Delivery Presssure (psi)	Operating Weight (Lbs.)	Price
CJ125	100	40	655.00

COILJET ACCESSORIES

Part No.	Description	Price
8936	Coiljet Battery (Included with unit)	Call
CJ9693	Coiljet Battery Charger (Included with unit)	Call
8924	Coiljet Battery Charger with Lugs	8.64
8944	Coiljet Vehicle Adapter For Charger, 12 Volt Inverter	Call
8945	Spray wand, 36", 90°	61.80
8945-48	Spray wand, 48", 90°	Call
CJ9657	Coiljet 36" Extension Lance Assembly	Call
CJ9658	Coiljet 48" Extension Lance Assembly	Call
CJ9659	Coiljet 60" Extension Lance Assembly	Call
CJ9619	Coiljet Foaming Nozzle Assembly	Call
CJQDN0004R	Coiljet PinPoint Quick Disconnect Nozzle (Included with unit)	Call
CJQDN1504Y	Coiljet Pinpoint 15° Quick Disconnect Nozzle (Included with unit)	Call
CJQDN45	Coiljet Pinpoint 45° Quick Disconnect Adapter	Call
CJQDN90	Coiljet Pinpoint 90° Quick Disconnect Adapter	Call
CJKIT36	Coiljet Kit, Includes: 36" 90° Spray Wand, Spare Battery and Charger	Call
CJKIT48	Coiljet Kit, Includes: 48" 90° Spray Wand, Spare Battery and Charger	Call
CJKITSB	Coiljet Charger Kit for Spare Battery	Call

FUEL HEATING

SOOT REMOVER



Catalytic activation removes soot from built up surfaces.

RECTORSEAL

Part No.	Container Size	Description	Price
R68342	14 Oz. Aerosol	Sootspray™, Aids Vacuuming, Chemically Safe	10.21
0310N	1 Lb. Jar	Sootmaster™, Powder, Surface Dusting	Call
R68332	1/4 Lb. Stick	Sootomagic™, Catalytic Low Temperature Ignition	1.84

OIL CLEANUP



Removes fuel oil and other industrial odors. Powder good for cleaning up spills.

RECTORSEAL

Part No.	Container Size	Description	Price
R68512	1 Lb. Jar	Odorgon™, Powder, Spill Absorber, Deodorant	9.55
R68514	2 Lb. Jar	Odorgon™, Powder, Spill Absorber, Deodorant	15.08
R68516	14 Oz. Aerosol	Odorgon™, Spray, Liquid Deodorizer	11.42

FURNACE CEMENT



Pyroseal™ is a smooth, creamy, easy spreading furnace and retort cement that sticks where you put it. For high temperature sealing and bonding. Shrinkproof, crackproof. Use in combustion chambers and for sealing doors and flue pipes. Contains no asbestos or OSHA restricted fibers.

RECTORSEAL

Part No.	Container Size	Price
0815E	3 Lb. Pot	Call
R68616	6 Lb. Pot	12.84
R68618	12 Lb. Pot	24.66

SMOKE SIGNAL



- These unique smoke emitters emit a dense, oil-free, non-toxic smoke
- Use to test and balance air flows
- Smoke cartridges are non-explosive and are packaged in sealed capsules

DIVERSITECH

Part No.	Container Size	Price
14175	75 Second, 600 ft3 Tester 10/PK	43.68
14250	2.5 Minutes 5/PK	65.20
14340	4 Minutes	31.73

CHEMICALS & SOLVENTS

THREAD SEALANT

THREAD SEALANT



- Thread Sealant, Fast Acting Paste/Lubricant Designed To Seal Pipes, Fittings And Threaded Connections Against Leakage.

Permatex

Part No.	Container Size	Description	Price
80632	4 OZ	Thread Sealant w/PTFE	9.16
80633	16 OZ	Thread Sealant w/PTFE	19.98

THREADLOCKER



- Provides "liquid-reliability" without drips, globs, mess, or waste
- High strength for heavy duty applications
- Ideal for permanently locking studs

Permatex

Part No.	Container Size	Description	Price
27010	10 G GEL TWIST	High Strength Threadlocker Red Gel	18.00
24010	10 G GEL TWIST	Medium Strength Threadlocker Blue Gel	17.51

PIPE JOINT COMPOUND



- Universal Sealant that Lubricates and Seals Threaded Joints on Water, Oil and Fuel Lines, Pipe Sealing.

Permatex

Part No.	Container Size	Description	Price
80045	16 OZ	Pipe Joint Compound	12.33

HIGH TEMPERATURE



- Used for Sealing Panels, Window Plates, Oven Doors, and Flues.

Permatex

Part No.	Container Size	Description	Price
81915	7.25 OZ	High Temp Red RTV Silicone Gasket	24.13

FLANGE SEALANT



- Ideal for use on rigid, machined flanges, flanges that move in service, or rigid flanges where a small gap is required.

Permatex

Part No.	Container Size	Description	Price
51531	50 ML TUBE	Anaerobic Flange Sealant	20.95

SILICONE SEALANT



- Designed For The Sealing Of Mechanical Assemblies, Improves Seal on Gaskets

Permatex

Part No.	Container Size	Description	Price
80050	3 OZ TUBE	Clear Rtv Silicone Adhesive Sealant	6.75

FORM-A-GASKET



- Fast-drying, hard-setting sealant designed for sealing rigid materials and flanges, or patching holes and joints where permanent assembly is desired.

Permatex

Part No.	Container Size	Description	Price
80003	11 OZ TUBE	Form-A-Gasket No.1 Sealant	12.04
80016	3 OZ TUBE	Form-A-Gasket No.2 Sealant	5.75
80011	11 OZ TUBE	Form-A-Gasket No.2 Sealant	12.40

ZIP GRIP GENERAL PURPOSE ADHESIVE



- Low-viscosity instant adhesive

Permatex

Part No.	Container Size	Description	Price
70145	(3) 2 G BOTTLES	Zipgrip Genereal Purpose Adhesive	15.76

ANTI-SEIZE & LUBRICATING COMPOUND



NEVER-SEEZ

Part No.	Container Size	Description	Price
E010106	8 OZ	Never-Seez Regular Grade Brush Top (NSBT-8)	19.00
E010107	1 LB	Never-Seez Regular Grade Brush Top (NSBT-8)	27.61
E010104	16 OZ	Never-Seez Regular Grade Aerosol CAN (NSA-16)	26.18

NO. 5®



- Brushable from 20°F to 140°F
- Temperature service range of -50°F to 400°F
- For pressure up to 12,000 psi (liquids) and 2,600 psi (gases)

RECTORSEAL

Part No.	Container Size	Case Qty.*	Price
RS25551	1/2 Pt. Brush Top	24	Call
RS25431	1 Pt. Brush Top	12	Call

CHEMICALS & SOLVENTS

THREAD SEALANT

SLIC-TITE® PASTE



- Contains Teflon
- Use on metal, PVC, CPVC, and ABS threads
- For sealing water, air, steam, natural gas, LP gas, refrigerants, ammonia, gasoline and oil.
- Nontoxic, nondrying
- Sealing temperature range: -50°F to 500°F
- Working pressures: 3,000 psi for gas, 10,000 psi for liquids
- USDA approved for use in federally inspected meat and poultry plants

LA-CO Markal

Part No.	Container Size	Case Qty.*	Price
L42009	1/4 Pt.	24	11.72
L42019	1/2 Pt.	24	19.69
L42029	1 Pt.	24	31.22

LEAK LOCK®



A soft setting pipe joint compound for sealing threaded joints, flanged joints, gasket surfaces and mating surfaces.

- Resin brushable paste which remains permanently flexible, adheres to internal surfaces and fills voids.
- Ideal for metal and plastic materials subject to extreme vibrations
- Effective in temperatures from -200°F to +400°F, full vacuums and pressures to 10,000 psi
- Seals a broad range of chemicals including all refrigerants, petroleum products, natural and manufactured gases, steam, water, air, etc.
- HS11001 is the Leak Lock® Gold formulation with Teflon

HIGHSIDE CHEMICALS INC.

Part No.	Container Size	Case Qty.*	Price
HS10001	1-1/3 Oz., Plastic Tube	12	5.38
HS10004	4 Oz.	12	14.58
HS10016	16 Oz.	12	37.98

SEAL-LOC™



Seal-Loc is a high performance, multipurpose thread sealant for use on plastic and metal pipe fittings. It sets soft and no cure time is required. Never hardens, cracks, or separates, and is nonhazardous, non-flammable and gives off no odors. Use with CFCs, HCFCs and HFCs as well as most gases and liquids (except concentrated alkali's and acids, ketones and oxygen).Certified to NSF Standard 61 and is safe for drinking water lines.

- Effective in temperatures -50°F to +400°F
- Pressures to 12,000 psi (liquids), 2,600 psi (gases)

Nu-Calgon

Part No.	Container Size	Price
4350-01	1.1 Fl. Oz. Tube	3.02
4350-04	4 Fl. Oz. Can	7.36
4350-16	16 Fl. Oz. Can	19.80

REFRIGERANT LEAK SEALANT

A/C EASYSEAL



- A/C EasySeal prevents refrigerant leaks and seals existing leaks in air conditioning and refrigeration systems
- Eliminates expensive leak search and repair
- Travels with refrigerant to find leak fast
- Perfect for those hard to find and re-occurring leak problems

Nu-Calgon

Part No.	Container Size	Comments	Price
C405001	1.25 Oz. Pressurized Can	1.5 Tons and Under	61.78
4050-06	3 Oz. Pressurized Can	Up to 5 Ton Systems	79.62
4050-02	3 Oz. Pressurized Cans (2) + Reusable A/C Piercing Valve and Hose	Up to 5 Ton Systems	182.00

THREAD LUBRICANT

NYLOG



"Refrigeration grade" gasket/thread sealant. Visco-elastic liquid derived from refrigeration lubricants.

REFRIGERATION TECHNOLOGIES

Part No.	Usage	Price
RT200R	CFC, HCFC, Mineral, Alkylbenzene Lubricants	6.50
RT201B	Universally or HFC, Polyolester Lubricants	6.60

CHEMICALS & SOLVENTS

SILICONE SEALANT

RTV



This HVAC/R sealant is a one-part RTV, acetoxy cure silicone sealant. Provides permanently flexible bonds that will not crack, shrink, or chalk. Adheres to most glass, plastic, metal, painted surfaces, fiberglass and ceramic.

- Can be used on surfaces that may see a temperature range from -75°F to 300°F and intermittent temperatures up to 400°F in well ventilated areas
- Weather-resistant
- Safe for food contact
- 10.3 fluid oz. cartridge

Part No.	Color	Case Qty.*	Price
D3302521	Aluminum	12	4.98
D3302539	Clear	12	4.98
D3302547	White	12	4.98

HIGH TEMPERATURE



This hi-temp sealant is a one-part, 100% silicone rubber paste that cures to a tough, rubbery solid at room temperature on exposure to water vapor in the air.

- Nonslumping
- Pastelike consistency for ease of tooling
- Performs at temperatures ranging from -85° to 480°F for continuous operation, up to 575°F for intermittent exposure
- Remains permanently flexible
- Applications: bag filters on smoke stacks, sealing fired heaters, flues on gas appliances, heating elements in appliances

Part No.	Description	Price
D3302512	High Temperature Silicone	8.00

FIRESTOPPING SEALANT

METACAULK® 1000



Metacaulk® 1000 will prevent the spread of flames, smoke, hot gases and water through joint openings and through-penetrations. Metacaulk® 1000 is a water based, single component, general purpose, fire-rated sealant for through-penetrations on both vertical and horizontal surfaces, as well as construction joints. It is designed for use in floors or walls and can be used on PVC, CPVC, ABS, PVC foam core, ABS foam core, PP or plastic pipes, polybutylene (PB), insulated and uninsulated steel pipe, copper and cast iron.

RECTORSEAL

Part No.	Container Size	Price
R66640	10.3 Oz Cartridge	17.36

HIGH VACUUM SEALANT

LIQUI-VAC



Liqui-Vac is the only liquid sealant with the capacity of sealing high vacuum connections. It will positively seal high vacuum leaks around threads, through flared connections, face joints, wherever metal joins metal. It sets up quickly, but remains flexible for easy disconnection. It is resistant to most solvents, can seal to 1 micron, and withstands temperatures from -100°F to +325°F.

AIRSERCO

Part No.	Container Size	Price
4036	4 Oz. Brush-In-Cap Can	29.26
4036Q	1 Qt. Can	146.32

ADHESIVE

SPRAY-N-BOND ADHESIVE



This wide web spray adhesive is one of the highest performance aerosol adhesives available. Formulated specifically for insulation and duct liner applications, this high solids product is ideal for uneven or porous surfaces and weight materials. Waterproof, flexible, transparent and non-staining, and it can be used for both temporary and permanent bonds. Cleans easily with degreasing solvent (mineral spirits).|
Not intended for use on vinyl.

- VOC compliant

Nu-Calgon

Part No.	Description	Price
4369-75	Spray-n-bond Adhesive	9.50

EPOXY

HEAT-SEAL STIK®



- Fast, repairs completed in 90 seconds
- One part epoxy, no mixing or measuring needed; stick melts, seals and cures in one operation
- Sealing temperatures: up to 350°F
- Pressures: to 450 psi
- Use on aluminum, copper and other metals, glass and ceramics
- Ideal for use on high and low side of refrigeration systems

LA-CO Markal

Part No.	Container Size	Case Qty.*	Price/Ea.
L11575	3/8 Oz.	12	26.49

CHEMICALS & SOLVENTS

EPOXY

QUICK SEAL™ PIPE REPAIR



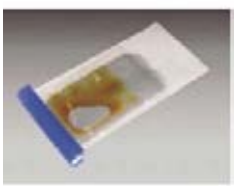
A knitted fiberglass impregnated tape that is designed for quick, in-the-field repair of leaks for all types of pipes. Multiple rolls required for repairs on applications greater than 50 psi.

- Activates within seconds and hardens within minutes
- Bonds to all pipes including PVC, steel, copper, lead, cast iron, aluminum and fiberglass.
- Seals cracks, holes and leaks in lines, joints and elbows
- Works on hot and cold water pipes
- Works for underwater applications
- Suitable for refrigerant lines
- Chemical resistant
- Not effected by exposure to UV light

Nu-Calgon

Part No.	Application	Description	Price
4299-10	1/2 to 1 1/2" dia. pipe	2" x 3' wrap	55.70
4299-11	2 to 4" dia. pipe	4" x 12' wrap	Call

PIPESEAL



Unique multi-component epoxy designed to quickly and permanently patch, seal and repair cracks, holes and leaks in all types of pipe.

- Works on all types of pipes including copper, steel, lead, cast iron and aluminum.
- Hardens fully in less than 1 minute. (140°F)
- Withstands pressures up to 1200psi.
- No wrap/plug required.
- Suitable for refrigerant lines.
- Extreme chemical resistance
- 100% solids - No VOCs
- Permanently seals holes of up to 1/4" diameter.

Part No.	Description	Price
93629	Pipeseal tube patch	Call

PANSEAL™



Unique multi-component 2 part epoxy designed to quickly and permanently seal, repair, and restore leaking and corroded drain pans. Available in caulk gun cartridges for easy application, gallon size containers for larger surfaces such as cooling towers and patch kits (special order) for vertical surfaces.

- Works in standing water
- Seals leaks immediately
- No surface preparation
- No system down time
- Works on both metal and plastic drain pans
- 100% solids and entirely free of solvents and volatile organic compounds

Part No.	Container Size	Price
93526	10.3 oz Cartridge	Call
93527	1 Gal.	Call

DUCT SEALANT

DUCT SEALANT



A smooth, water based, premium quality, UL Listed, high pressure/high velocity duct sealant for commercial and residential supply and return air duct use.

DP DESIGN POLYMERICS

Part No.	Container Size	Price
DP1030G	1 Gallon	30.00
DP1030T	10.3 oz. tube	4.45

OIL ADDITIVE



Supco 88 dissolves sludge buildup on bearing and valve surfaces and keeps them clean and bright. Increases the lubricating capability of mineral oils used in high speed compressors. Current draw is reduced when used in new units by reducing friction and preventing overloading.

Supco

Part No.	Container Size	Carton Qty.	Price/Ea.
S8	8 Oz.	24	10.52

CHEMICALS & SOLVENTS

AIR FRESHENER

CLENAIR



Absorbs odors. Use 2 lbs. per 400 sq. ft. or ton of air conditioning for medium odors. 1502D is a unique self-feeding box to install in return duct. 1800 Series and 1900D eliminate fuel oil odors.

Part No.	Container Size	Comments	Case Qty.*	Price/Ea.
1500D	1/2 Lb.	Semi-Solid Gel	12	10.12
C1501	1 Lb.	Semi-Solid Gel	12	16.58
1502	2 Lb.	Semi-Solid Gel	6	29.26
C1503	3 Lb.	Semi-Solid Gel	4	41.83
1800D	1/2 Lb.	Semi-Solid Gel, Cherry Scent	12	9.78
1801	1 Lb.	Semi-Solid Gel, Cherry Scent	12	16.58
1803	3 Lb.	Semi-Solid Gel, Cherry Scent	4	40.38
CA1300D	1/2 Lb.	Semi-Solid Gel, Cherry Scent	12	9.78
CA1301	1 Lb.	Semi-Solid Gel, Cherry Scent	12	16.02
CA1303	3 Lb.	Semi-Solid Gel, Cherry Scent	4	41.83
1700D	16 Oz.	Spray, Citrus Scent	12	12.14
1900D	16 Oz.	Spray, Citrus Scent	12	12.58
CA1015	6.5 Lb.	HVAC Commercial Odor-Block	2	75.59

DUCT FRESH



Duct Fresh is a non-toxic, super effective odor neutralizer for HVAC ducts, proficient at destroying stubborn odors including pet, smoke, and musty smells in residential, industrial and commercial applications. The gel is effective for up to 6 months. The spray is great for spot-treating malodor problem areas.

Part No.	Container Size	Comments	Case Qty.*	Price/Ea.
SCM83208	1/2 Lb.	Semi-Solid Gel	12	Call
SCM83216	1 Lb.	Semi-Solid Gel	8	Call
SCM83132	1 Qt.	Spray	12	Call

Coil Cleaners for the HVAC/R Industry

Why use a coil cleaner?

Dirty or blocked coils will result in reduced air flow and poor heat transfer. Equipment could run hotter, reducing its useful lifetime, increasing operating costs and reducing comfort or refrigeration capacity. Properly cleaning the coils will keep equipment running at peak performance.

How do coil cleaners really work?

The two active ingredients are soap and an acid or alkaline based surface brightener.

- The soap's job is obvious — to break up and carry away dirt and grease.
- The surface brightener's job is also straightforward: Air, moisture and other chemicals will react with aluminum coil surfaces to form layers that can collect dirt and reduce heat transfer. The strong alkaline or acid compounds in the coil cleaner will chemically clean the layers away until bright metal is exposed, returning the coil surface to its original design performance.

How can you calculate dilution levels?

Concentrated coil cleaners are meant to be diluted with water. Using the concentrate straight from the bottle or strong mixtures on lightly soiled coils can result in damage to the surface being cleaned.

- Extremely dirty coils require a higher content of the coil cleaner versus water to get the desired cleaning. Moderately soiled coils can be cleaned with an equal amount of coil cleaner and water content. Slightly soiled coils can be cleaned with a higher water to coil cleaner content to get the desired cleaning.

Can coil cleaners be used to clean other surfaces?

Indoor coils, cabinets, air filters and fan blades can be cleaned with a diluted concentrate. Each NC Coil Cleaner has a dilution chart on the bottle as a guideline.

What is the difference between types of coil cleaners?

They will all clean and treat the surface of the coil. The major differences are:

- Acid or Alkaline based (acid for strong surface treatment, alkaline for general brightening)
- Formulation
- Amount and type of soap
- Color

Designed to meet the cleaning needs for a variety of applications



Visit your local Aireco Branch for more information.

Proud Wholesale Distributor

Aireco
WWW.AIRECO.COM

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