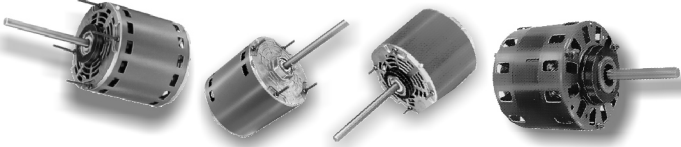


Aireco®

Quick Reference Motor Chart



Part #	HP	VOLTS	TYPE	SPEED	AMPS	FASCO	AO SMITH	EMERSON
1M100	1/4	230	COND	1075	1.8	D749	FS1026S	3851
1M105	1/3	230	COND	1075	2.9	D748	FS1037S	6880
1M110	1/2	230	COND	1075	3.7	D745	FS1056S	3852
1M115	3/4	230	COND	1075	5	D929	FS1076S	3097
1M150	1/4	115	BLOWER	1075	4.8	D721	DL1026	1863
1M151	1/4	230	BLOWER	1075	2.2	D725	D1026	1971
1M155	1/3	115	BLOWER	1075	5.9	D727	DL1036	1864
1M156	1/3	230	BLOWER	1075	2.9	D923	D1036	1972
1M160	1/2	115	BLOWER	1075	7.7	D701	DL1056	5460
1M161	1/2	230	BLOWER	1075	4.2	D703	D1056	5461
1M163	3/4	115	BLOWER	1075	10.5	D728	DL1076	5470
1M162	3/4	230	BLOWER	1075	5.4	D729	D1076	5471
1M164	1	115	BLOWER	1075	11.8	D712	587	8906
1M165	1	230	BLOWER	1075	5.3	D711	586	8907

FOR TOTALLY ENCLOSED APPLICATION USE

1/4	230	COND	1075	1.8	D7909/D909	FSE1026SF	5462
1/3	230	COND	1075	2.6	D7908/D908	FSE1036SF	5462
1/2	230	COND	1075	1.8	D7907/D907	FSE1056SF	5465
3/4	230	COND	1075	4.5	D931	1076SF	1868

SPECIAL RUDD/RHEEM COND MOTOR

HP	VOLTS	RPM	AMPS	AO SMITH
1/5	230	1075	1.4	ORM10206V1
1/6	230	825	1.1	FE1018SF

NOTE: ALL OF THE ABOVE MOTORS ARE A 39 FRAME TYPE

CENTRAL A/C SYSTEM CONDENSER MOTORS BTU / HP

1 ½ TON = 1/6 HP
 2 TON = 1/5 HP
 2 ½ TON = 1/4 HP
 3 TON = 1/3 HP

3 ½ TON = 1/2 HP
 4 - 5 TON = 3/4 HP
 7 ½ TON = 1 HP

Updated: Jan. 2010

**460V SINGLE PHASE 48 FRAME BALL BEARING MOTORS
USED IN ROOFTOP AC & PACKAGE UNITS**

TOTALLY ENCLOSED COND FAN MOTORS

HP	VOLTS	RPM	AMPS	FASCO	EMERSON	AO SMITH
1/4	460	1075	0.98		3736	788
1/3	460	1075	1.1		3737	789
1/2	460	1075	1.9	D802	3738	790
3/4	460	1075	2.2	D910	3742	791A

OPEN CONSTRUCTION FAN SHELTERED APPLICATION

HP	VOLTS	RPM	AMPS	FASCO	EMERSON
1/4	460	1075	1.1	D913	6838
1/3	460	1075	1.1	D912	6727
1/2	460	1075	1.8	D911	3738
3/4	460	1075	2.2	D910	5489
1	460	1075	3.0	D1710	

DOUBLE SHAFT 230/115V 39 FRAME BLOWER MOTORS

HP	VOLTS	RPM	AMPS	FASCO	EMERSON	AO SMITH
1/4	230	1075	2.1	D755	3134	113
1/4	115	1075	3.9	D756		114
1/3	115	1075	6.9	D757		101
1/3	230	1075	2.3	D758	3135	102
1/2	230	1075	4.3	D760	3136	107
1/2	115	1075	9.6	D761		594
3/4	230	1075	5.7	D763		489
3/4	115	1075	11.9	D769		

825 RPM CHART

FOR TOTALLY ENCLOSED APPLICATIONS

HP	VOLTS	TYPE	AMPS	FASCO	AO SMITH	EMERSON
1/8	230	COND	0.9	D799		
1/6	230	COND	1.2	D793	FE1018S	5464
1/5	230	COND	1.3		629	5464
1/4	230	COND	1.7		FE1028S	5464
1/3	230	COND	2.3		FE1038S	5464
1/2	230	COND	3.5	D790	FE1058S	

OPEN CONSTRUCTION APPLICATIONS

HP	VOLTS	TYPE	AMPS	SHAFT	FASCO	AO SMITH	EMERSON
1/4	230	COND	1.8	UP	D792	FE1028S	1874
1/4	230	COND	1.8	DOWN	D797	FE1028S	8666
1/3	230	COND	2.6	DOWN	D796	FE1038S	8667
1/3	230	COND	2.6	UP	D791	FE1038S	3849
1/3	115	COND	6.1	UP	D795		2342
1/2	230	COND	3.5	UP	D790		3568

DIRECT DRIVE BLOWER MOTORS

HP	VOLTS	TYPE	AMPS	FASCO	AO SMITH	EMERSON
1/8	230	BLOWER	1.2	D830	UE9415	
1/4	230	BLOWER				
1/3	230	BLOWER				
1/3	230	BLOWER				
1/2	230	BLOWER				
1/3	460	BLOWER				