

Belted Fan & Blowers



- Open dripproof designs
- Easily reversible by reconnection
- Combination mounting holes for NEMA 48 & 56 frame

Competitive Model Cross Reference

HP	Volts	RPM	Amps	S.F.	Length	Emerson Cat#	AOS	GE	Magnetek	Marathon
1/4	115	1725	5.3	1.35	8.9	8000	GF2024	4701	933	B206
1/3	115	1725	6.7	1.35	9.4	8100	GF2034	4706	934	B207
1/2	115	1725	8.7	1.25	10	8200	GF2054	4708	935	B208

Oil Burners



- Totally enclosed when mounted
- 20" leads at 3 o'clock on end opposite shaft
- Reversible rotation
- Shaft is 1/2" dia. x 2" long

Competitive Model Cross Reference

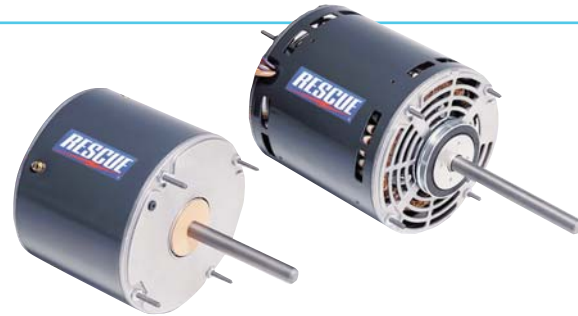
HP	Volts	RPM	Flange	Amps	Length	Emerson Cat#	AOS	GE	Magnetek	Marathon
1/8	115	1725	48N	2.4	5.1	3196	EL2005	4782	723	O600
1/8	115	3450	48N	2.4	5.1	2097	—	4773	—	O005
1/7	115	3450	48M	2.1	5.6	3248	—	—	—	—
1/7	115	3450	48M	2.3	5.2	3247	—	—	—	—
1/7	115	3450	48M	2.3	5.2	5866*	EL2002V1	4779	F225	O100
1/7	115	3450	48M	2.4	5.3	3083	EL2002	4779	F225	O100
1/6	115	1725	56N	3.4	5.9	3251**	—	—	—	—
1/6	115	1725	48N	3.1	5.6	3252	EL2014	4784	726	O601
1/5	115	3450	48M	3.2	5.8	2808*	—	—	—	—
1/4	115	3450	48N	3.7	6.3	2302	EL2022	4785	F335	O004
1/3	115	1725	56N	5.0	8.5	3580	—	4787	—	O003
1/3	115	3450	48N	4.8	8.5	2319	OL2032	4774	F336	—

Notes: * Beckett Approved OEM Exact Replacement ** Lennox Approved OEM Exact Replacement

Multi-Horsepower Motors

Specially designed motors for truck stock that can cover a range of horsepower and mounting configurations.

- Save time at the job
- Increase billable time
- Reduce trips to distributor
- Reduces need for temporary substitutions
- 5.6 diameter
- Reversible rotation
- 36 inch leads
- All position mount
- Includes Rheem shell holes



	HP	Speeds	Volts	RPM	Bearing Type	Amps	L (in)	Cap MFD	Emerson Cat#
Condenser Fans	1/3 to 1/6	1 (2 taps)	208-230V	825	Ball	1.9	5.3	7.5 or 10	5464
Totally Enclosed Air Over	1/3 to 1/6	1 (2 taps)	208-230V	1075	Ball	2.6	4.6	5 or 7.5	5462
	1/2 to 1/5	1 (2 taps)	208-230V	1075	Ball	3.0	5.3	10 or 12.5	5465
Direct Drive Blowers	1/2 to 1/6	4	115V	1075	Slv	7.3	4.8	5 or 10	5460
	1/2 to 1/6	4	208-230V	1075	Slv	3.6	4.8	5 or 10	5461
	3/4 to 1/5	4	115V	1075	Ball	8.1	6.1	10 or 20	5470
	3/4 to 1/5	4	208-230V	1075	Ball	3.8	6.1	10 or 20	5471

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HVACR Replacement Motor Reference Guide



Quick Reference Guide for oil burners, belted fans and blowers, multi-horsepower motors, condenser fans, and direct drive blowers from Emerson Motors.

Emerson Motors

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St. Louis, MO 63136

For more information on Emerson Motors or the complete line of Emerson HVAC/R products visit

EmersonClimateContractor.com



Condenser Fans

Totally Enclosed Commercial Duty

Designed for all position mounting –shaft up, down or horizontal

Features:

- 60C 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 6" long shaft with flat
- High performance self aligning sleeve bearing with hardened steel thrust washers or ball bearing
- Designed for 370V capacitors minimum



825 RPM 208-230 Volts 48 Frame (5.6" dia.)

HP	Speeds	Amps	Length	Cap MFD	Bearing	Emerson Cat#
1/10	1	1.0	3.8	3.0	H.P. Slv	1871
1/8	1	0.8	4.1	5.0	H.P. Slv	1872
1/6	1	1.0	4.1	5.0	H.P. Slv	1873
1/6	2	1.0	4.4	5.0	H.P. Slv	8673
1/4	1	2.0	4.3	5.0	H.P. Slv	1874
1/4	2	2.0	4.6	7.5	H.P. Slv	8674
1/3	1	1.8	5.1	5.0	H.P. Slv	1875
1/3	2	2.0	5.4	7.5	H.P. Slv	8675

Competitive Model Cross Reference

AOS	Fasco	GE	Magnetek	Marathon
FE1008SVI	D2844	3201	—	—
FE1008S	D799	3202	542	X278
FSE1018S	D798	3203	629	—
FS1018	—	—	—	—
FSE1028S	D934	3204	739	X097
FS1028	—	—	—	—
FSE1038S	D936	3205	740	X086
FS1038	—	—	—	—

825 RPM 460 Volts 48 Frame (5.6" dia.)

HP	Speeds	Amps	Length	Cap MFD	Bearing	Emerson Cat#
1/4	1	1.0	5.1	5.0	Ball	1880
1/3	1	1.0	5.6	7.5	Ball	1881
1/2	1	1.6	6.3	10.0	Ball	1882

AOS	Fasco	GE	Magnetek	Marathon
FEH1028S	—	—	—	—
FH1038	D960	—	786	—
—	D961	—	787	—

1075 RPM 208-230 Volts 48 Frame (5.6" dia.)

HP	Spds	Amps	Length	Cap MFD	Bearing	Emerson Cat#
1/6	1	1.0	3.8	5.0	H.P. Slv	1859
1/4	1	1.7	4.1	5.0	H.P. Slv	1860
1/4	1	1.7	4.1	5.0	Ball	1876
1/3	1	2.1	4.6	7.5	H.P. Slv	1861
1/3	1	2.1	4.6	7.5	Ball	1877
1/2	1	2.9	5.1	7.5	H.P. Slv	1862
1/2	1	2.9	5.1	7.5	Ball	1878
3/4	1	4.5	4.7	10.0	H.P. Slv	1868
3/4	1	4.7	5.8	10.0	Ball	1879

AOS	Fasco	GE	Magnetek	Marathon
FSE1016S	D917	3727	184	X411
FSE1026S	D909	3728	176	X412
FE1026S	D939	3732	0675	X428
FSE1036S	D908	3729	175	X413
FE1036S	D937	3733	0676	—
FSE1056S	D907	3730	187	X414
FE1056S	D931	3734	0677	—
FSE1076S	D933	3731	779	X095
FE1076S	D931	3735	668	—

1075 RPM 460 Volts 48 Frame (5.6" dia.)

HP	Spds	Amps	Length	Cap MFD	Bearing	Emerson Cat#
1/6	1	0.5	4.3	5.0	Ball	3735
1/4	1	0.8	4.6	7.5	Ball	3736
1/3	1	1.3	5.4	7.5	Ball	3737
1/2	1	1.5	5.9	10.0	Ball	3738
3/4	1	2.0	6.4	10.0	Ball	3742

AOS	Fasco	GE	Magnetek	Marathon
—	—	—	—	—
FEH1026S	D980	3736	788	X456
FEH1036S	D912	3737	789	X457
FEH1056S	D911	3738	790	X458
FEH1076S	D910	3739	791	X459

Direct Drive Blowers

Highly efficient designs for furnaces and air handlers

Residential 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
- Designed for 370V capacitors minimum



42 Frame (5.0" dia.) Shaded Pole Designs, CCW Lead End Rotation only

HP	Volts	RPM	Spds	Amps	Length	Emerson Cat#
1/10	115	1050	1	3.5	3.6	985
1/6	115	1050	1	6.0	4.3	1127
1/6	230	1050	1	2.9	4.3	1631

Competitive Model Cross Reference

AOS	Fasco	GE	Magnetek	Marathon
BL6425	D160	3931	—	—
BL6412	D156	2803	345	—
B6411	D318	3152	494	—

PSC Designs, easily reversible

HP	Volts	RPM	Spds	Amps	MFD	Length	Emerson Cat#
1/5	115	1075	4	3.5	4.0	4.1	1268
1/4	115	1050	3	2.8	7.5	4.3	1390
1/4	208-230	1050	3	1.5	7.5	4.3	1391

AOS	Fasco	GE	Magnetek	Marathon
BL6505	—	2981	385	—
BL6519	D150	2827	390	—
B6520	D151	2828	391	—

48 Frame (5.6" dia.) High Efficiency PSC Designs, 3 speeds, easily reversible

HP	Volts	RPM	Amps	Cap MFD	Length	Bearing	Emerson Cat#
1/4	115	1075	3.9	5.0	4.3	Slv	1863
1/4	115	1625	2.7	10.0	4.3	Slv	1690
1/4	208-230	1075	1.8	5.0	4.3	Slv	1971
1/4	208-230	1625	1.4	5.0	4.3	Slv	1691
1/4	277	1075	1.6	4.0	4.6	Slv	600
1/3	115	1075	5.2	5.0	4.3	Slv	1864
1/3	115	1625	3.7	15.0	4.6	Slv	1692
1/3	208-230	1075	2.4	5.0	4.3	Slv	1972
1/3	208-230	1625	2.1	5.0	4.6	Slv	1693
1/3	277	1075	2.2	4.0	4.7	Slv	601
1/2	115	1075	7.4	10.0	5.4	Slv	1865
1/2	115	1625	5.5	15.0	5.3	Slv	1694
1/2	208-230	1075	4.6	5.0	4.8	Slv	1973
1/2	208-230	1625	3.0	7.5	5.3	Slv	1695
1/2	277	1075	3.4	6.0	4.9	Slv	602
3/4	115	1075	9.1	15.0	5.4	Slv	8904
3/4	115	1625	8.6	15.0	5.6	Slv	1696
3/4	208-230	1075	4.6	10.0	5.4	Slv	8905
3/4	208-230	1625	4.0	10.0	5.6	Slv	1697
1	115	1075	12.1	20.0	6.1	Ball	8906
1	208-230	1075	5.2	20.0	6.1	Ball	8907

AOS	Fasco	GE	Magnetek	Marathon
DL1026	D721	3583	0533	X000
FDL1024	—	3992	9611	X013
D1026	D725	3584	0530	X001
FD1024	—	3993	9612	X014
7FD1026	D973	—	9602	X018
DL1036	D727	3585	0532	X002
FDL1034	D780	3994	663	X015
D1036	D923	3586	0529	X003
FD1034	D781	3995	454	X011
7FD1036	D972	—	9603	X019
DL1056	D701	3587	0531	X004
FDL1054	D785	3996	664	X016
D1056	D703	3588	0528	X005
FD1054	D784	3997	461	X017
7FD1056	D971	—	9604	X020
DL1076	D728	3589	0678	X009
FDL1074	—	3998	—	—
D1076	D729	3590	0679	X010
FD1074	D786	3999	483	X022
BDL1106	D712	3595	—	—
BD1106	D711	3596	—	X023

Motor Type	Variation not effecting fit or performance may or may not have a letter	Body Diameter	Thermal Protector may or may not have a letter	Sequence Number
K	A	55	HX	BAZ-5899

Motor Types

C	Capacitor Start
F	Shaded Pole
K	Permanent Split Capacitor
KS	Capacitor Start (Older Models)
P	Poly Phase (3 Phase)
R	Split Phase Start/Capacitor Run
S	Split Phase
T	Capacitor Start/Capacitor Run

Body Diameter

Number	Motor Dia (in)	NEMA Frame
33	3.3	—
48	5.0	42
55	5.6	48
63	6.3	56

Thermal Protector

If two letters appear in this location and they are one of the following combinations, HX, LX, FY, SY, UY, VY, WY, YY, ZY, GZ, RZ, or KZ, the motor includes an integral thermal protector of the automatic reset type, and the motor protector combination is UL recognized for locked-rotor and no-load no-air-over running-heating protection. If no letters appear, the motor has no internal thermal protector.

Sequence Number

Unique specification number for each motor design.