

## **MOTORS HVAC Motors**

4MB19

#### Find Dual-Run Capacitors on page

# **HeatMaster PSC High-Ambient Condenser Fan Motors**

- Speeds: 1
- Frame: 48Y (5%" body dia.)
- Enclosure: totally enclosed air-over

Service factor: 1.0

- (screws included)
  - Bearings: ball

Insulation: Class F

- ous

Rheem mounting holes

trouble-free operation at full rated load at high temperature. Rotor cores have corrosion-resistant coating to ensure long motor life. Easy-to-remove drain plugs in each end shield and have 36" color-coded, high-temp. leads. For outdoor air conditioning and refrig-

PSC motors are insulated and designed for

Century

Century

- temp.: 70°C

eration condensing units and heat pumps.

-	
enclosed air-over	Max. ambien
Thermal protection: auto	Duty: continu

	Nameplate			Full Load	Body	Shaft		Length	Mfr.	Item	Capacitor
HP	RPM	Rotation	Voltage	Amps	Dia.	Dia.	Shaft Length	Less Šhaft	Model	No.	Řeq.
1/8	825	CW/CCW	208-230V AC	1.00	5 5⁄8 in	1⁄2 in	6 1/2 in	5 1⁄8 in	FE1008SF	4MB75	2MDV4
1/2	1,075	CW/CCW	208-230V AC	1.40	5 5⁄8 in	1/2 in	6 in	4 1 in	FE1016SF	1UME7	2MDV4
20	825	CW/CCW	208-230V AC	1.10	5 % in	1⁄2 in	6 ½ in	5 in	FE1018SF	1UME8	2MDV4
	1,075	CW/CCW	208-230V AC	2.00	5 5⁄8 in	1⁄2 in	6 ½ in	5 ¼ in	FE1026SF	4MB59	2MDV4
1⁄4	1,075	CW/CCW	460V AC	1.00	5 5⁄8 in	1⁄2 in	6 ½ in	5 5⁄% in	FEH1026SF	4ME14	2MDV6
	825	CW/CCW	208-230V AC	1.50	5 % in	1⁄2 in	6 ½ in	5 ½ in	FE1028SF	1UME9	2MDV4
	1,075	CW/CCW	208-230V AC	2.8	5 5⁄8 in	1⁄2 in	6 ½ in	5 ¾ in	FE1036SF	4MB61	2MDV6
1/3	1,075	CW/CCW	460V AC	1.30	5 5⁄8 in	1⁄2 in	6 ½ in	6 1⁄8 in	FEH1036SF	4ME16	2MDV6
	825	CW/CCW	208-230V AC	2.1	5 % in	1⁄2 in	6 ½ in	6 in	FE1038SF	4MB19	2MDV6
	1,075	CW/CCW	208-230V AC	4.0	5 5⁄8 in	1⁄2 in	6 ½ in	6 ¼ in	FE1056SF	4MB63	2MDV7
1/2	1,075	CW/CCW	460V AC	1.50	5 5⁄8 in	1⁄2 in	6 ½ in	6 ½ in	FEH1056SF	1UMG2	2MDV7
	825	CW/CCW	208-230V AC	2.5	5 % in	1⁄2 in	6 ½ in	6 ½ in	FE1058SF	1UMG1	2MDV7
3/4	1,075	CW/CCW	208-230V AC	5.1	5 5⁄8 in	1⁄2 in	6 ½ in	6 ½ in	FE1076SF	4MB65	2MDV9
74	1,075	CW/CCW	460V AC	2.2	5 % in	1⁄2 in	6 ½ in	7 in	FEH1076SF	4ME18	2MDV7

and feature a double flat shaft. The speed engineered design

allows these motors to handle the high temperatures that occur

temperature synthetic bearing grease in the double-sealed ball

bearings helps the bearings stand up to the most severe condi-

motor life. Include water-resistant reversing plug and 48" high-

tions. Rotor cores have corrosion-resistant coating to ensure long

when used with head pressure fan speed controls. The ultra-high

# HeatMaster PSC Ultra Condenser Fan Motors Insulated PSC motors are designed for trouble-free operation

- Speeds: 1
- Frame: 48 (5<sup>11</sup>/<sub>16</sub>" body dia.)
- Enclosure: totally enclosed air-over
- Thermal protection: auto
- Service factor: 1.0
- Insulation: Class F
- Rheem mounting holes (screws included)
- Bearings: ball
- Max. ambient temp.: 80°C - D

temp leads. Suitable for use with outdoor air conditioning and

Century

band, or by thru-bolt extensions.

For 5-ton and larger commercial

coolers, and other shaft-mounted

outdoor condensers. Also used

for commercial and industrial

fan and blower equipment.

uty: conti	nuous	0	refrige	4	-						
HP	Nameplate RPM	Rotation	Voltage	Full Load Amps	Body Dia.	Shaft Dia.	Shaft Length	Length Less Shaft	Mfr. Model	ltem No.	Capacito Reg.
	1,075	CW/CCW	208-230V AC	1.90	5 % in	1⁄2 in	6 1/2 in	5 ¼ in	FE1026SU	32NA65	2MDV4
1⁄4	1,075	CW/CCW	460V AC	0.90	5 % in	1⁄2 in	6 ½ in	5 5 % in	FEH1026SU	32NA69	2MDV6
	825	CW/CCW	208-230V AC	1.20	5 5% in	1⁄2 in	6 ½ in	5 ½ in	FE1028SU	32NA62	2MDV4
	1,075	CW/CCW	208-230V AC	2.5	5 % in	1⁄2 in	6 1/2 in	5 ¾ in	FE1036SU	32NA66	2MDV6
1/3	1,075	CW/CCW	460V AC	1.20	5 % in	1/2 in	6 ½ in	6 1/8 in	FEH1036SU	32NA70	2MDV6
	825	CW/CCW	208-230V AC	1.60	5 % in	1⁄2 in	6 1/2 in	6 in	FE1038SU	32NA63	2MDV6
1⁄3 to 1⁄8	825	CW/CCW	208-230V AC	1.80	5 % in	1⁄2 in	6 1/2 in	5 ¾ in	ORM5488BU	32NA72	2MDV6
1⁄3 to 1⁄6	1,075	CW/CCW	208-230V AC	1.90	5 % in	1⁄2 in	6 ½ in	5 in	ORM5458BU	32NA73	2MDV6
16	1,075	CW/CCW	208-230V AC	3.8	5 % in	1⁄2 in	6 1/2 in	6 ¼ in	FE1056SU	32NA67	2MDV7
72	1,075	CW/CCW	460V AC	1.50	5 % in	1/2 in	6 ½ in	6 ½ in	FEH1056SU	32NA71	2MDV7
3/4	1.075	CW/CCW	208-230V AC	5.1	5 % in	1/2 in	6 ½ in	6 ½ in	FE1076SU	32NA68	2MDV9

# PSC Stud- and Cradle-Mount **Condenser Fan Motors** Multipurpose mounting in cradle,

#### Speeds: 1

- NEMA frame: 56Y (6½" body dia.), 48Y (5%" body dia.)
- Rotation: CW/CCW
- Thermal protection: auto
- Service factor: 1.0
- Insulation: Class B
- Bearings: ball
- Shaft: 1/2" dia. have double flat: 5/8" dia. have flat and keyway

HP	Nameplate RPM	Frame	Voltage	Full Load Amps	Mounting	Ring to Ring Center	Resilient Ring Dia.	Stud Pattern	Shaft Dia.	Shaft Length	Max. Ambient Temp.	Mfr. Model	ltem No.	Capacitor Req.
Open Air-Over, Vertical Shaft Up														
	1,075	56Y	200-230/460V AC	2.6-2.5/1.25	Cradle Base	9 <sup>13</sup> /16 in	2 1/2 in	41⁄8 x 41⁄8"	5⁄8 in	6 in	60 °C	C513V1	4MA37	2MDV7
1/2	850	56Y	115/200-230V AC	6.6/4.0-3.3	Cradle Base	10 <sup>13</sup> /16 in	2 1/2 in	41⁄8 x 41⁄8"	5∕≋ in	6 in	60 °C	C784	4MA39	2MDV9
	850	56Y	200-230/460V AC	3.5-3.4/1.70	Cradle Base	10 5⁄16 in	2 1/2 in	41⁄8 x 41⁄8"	5⁄8 in	6 in	60 °C	C512V1	4MA25	2MDV9
	1,075	56Y	200-230/460V AC	4.4-4.0/2.0	Ring/Stud	9 13/16 in	2 1/2 in	41⁄8 x 41⁄8"	5∕≋ in	6 in	60 °C	W56P110R040001A2A	4MA41	2MDV9
3⁄4	1,075	48Y	208-230/460V AC	5.0/2.5	Cradle Base	8 5⁄16 in	2 ¼ in	35% x 35%"	1⁄2 in	6 in	60 °C	FB1076V1	4MA35	Included
	825	56Y	200-230/460V AC	2.6/5.3-5.2	Cradle Base	10 <sup>13</sup> /16 in	2 1/2 in	41⁄8 x 41⁄8"	5∕≋ in	6 in	60 °C	C660V1	4MA43	2MDV9
1	1,075	56Y	200-230/460V AC	4.8/2.4	Cradle Base	10 5⁄16 in	2 1/2 in	41⁄8 x 41⁄8"	5∕≋ in	6 in	60 °C	C770V1	4MA27	2MDW3
Tota	lly Enclosed I	Air-Over, A	All Angle											
1/2	1,075	48Y	208-230/460V AC	2.4/1.20	Stud	6 ¾16 in	2 1/2 in	3% x 3%"	1⁄2 in	6 in	60 °C	FEH1056D	4MA46	2MDV7
3⁄4	1,075	48Y	208-230/460V AC	3.4/1.70	Stud	6 <sup>11</sup> /16 in	2 ½ in	35% x 35%"	1⁄2 in	6 in	60 °C	FEH1076D	4MA48	2MDV7
Tota	lly Enclosed /	Air-Over, V	/ertical Shaft Up											
1/2	1,075	48Y	208-230/460V AC	2.4/1.20	Cradle Base	8 5⁄16 in	2 1⁄4 in	35⁄8 x 35⁄8"	1⁄2 in	5 in	40 °C	FB1056TE	4MA29	Included
1	1,075	56Y	208-230/460V AC	4.2/2.3	Stud	10 13/16 in	2 1/2 in	41/8 x 41/8"	5⁄8 in	6 in	60 °C	C785	4MA50	2MDZ3

4MA37

IMPORTANT MOTOR | Refer to pages 3-7 for selection guidelines, standardized dimensions, thermal protection information, INFORMATION UL 507 Standard location information, NEMA & IEC guidelines, energy legislation information, and terminology.



32NA62

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4MA29

