

SOS™ Multi-Horsepower Outdoor Condenser Fan Motors

Ball Bearing

MARS SOS™ multi-horsepower condenser fan motors are ideal for truck stock. Three 1075 RPM models cover 208-230 volt applications from 1/6 to 1/2 HP.

New Slim Stack™#03458, **WIZARD**, and the new **WIZARD 825** fit in many 1/3 HP installations that will not accept other manufacturer's motors.

The 03458 is a single speed "wide-range" motor that will run at any fan load from 1/6 to 1/3 HP at a nominal 1075 RPM. MARS #03459, the new WIZARD 825, will run at any fan load from 1/8 to 1/3 HP at a nominal 825 RPM.

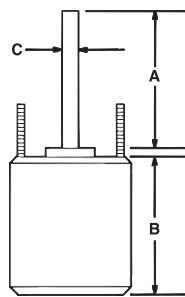
All SOS™ motors feature easy mounting in Rheem applications.

Features:

- Multi-HP
- Thru bolt or band mounting
- Rheem mounting capability
- Water slinger on shaft
- Air conditioning or heat pump duty
- Capacitor requirement noted on motor label
- End Shield drain holes w/plugs

Specifications:

- Single phase, 60 Hz
- Overload protection
- Fan duty, continuous air over
- Totally enclosed, Non-ventilated
- Class B insulation



* Heat Shield

Cross Reference:

MARS No.	A.O. SMITH	EMERSON
03459	ORM5488B	5464
03468	FE6002	5465
03469	FE6001	5464

Vertical Outdoor Condenser Fan Motors Shaft-Up/Down

Ball Bearing

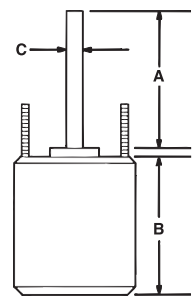
GE up/down outdoor condenser fan motors are designed for either vertical shaft-up or shaft-down applications. Shell and end shields are enclosed for weather protection. A weep hole is provided in each end shield to allow condensate to drain. A plastic plug is provided to seal the weep hole in the end shield exposed to the weather. All of these motors are suitable for air conditioning or heat pump applications. All feature reversible rotation, 208-230 volts, six inch shaft length and extended thru bolts extending from both ends.

Features:

- Thru bolt or band mounting
- All angle mounting
- Water slinger on shaft
- Serrated end cap on shaft end only
- For air conditioning or heat pumps
- Full six inch shaft length with two full flats at 90°
- Reversible rotation
- For accessories see pages M-44 – M-46
- Rheem mtg. holes (mtg. hardware included)

Specifications:

- 60 Hertz
- Single phase
- Overload protected
- Fan duty, continuous, air over
- 48 inch leads
- Totally enclosed, non-ventilated
- Class B insulation



* Heat Shield

Reversible Rotation

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	RPM (1)	CAP REQ.	DIMENSIONS		
							A	B	C
825 RPM - Single Speed - Standard Efficiency - 8 Pole									
03203*	HFBA79S	1/6	208-230	0.90	825	5/370	6.0	4.30	1/2
03204*	JFBA83	1/4	208-230	1.3	825	7.5/370	6.0	5.03	1/2
03205*	NFBA82S	1/3	208-230	1.8	825	10/370	6.0	5.80	1/2
1075 RPM - Single Speed - Standard Efficiency - 6 Pole									
03733(2)*	LGU715S	1/3	208-230	2.6	1075	7.5/370	6.0	4.48	1/2
03734(2)*	RGU718S	1/2	208-230	3.0	1075	10/370	6.0	5.23	1/2
03735(2)*	SGU717S	3/4	208-230	4.1	1075	10/370	6.0	5.98	1/2

(1) Low speed approximately 300 RPM less than high speed depending on fan load
* Heat Shield

Multi-Horsepower, Reversible Rotation

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	DIMENSIONS		
					A	B	C
1075 RPM - 6 Pole							
03458HS* Wizard	LGU7215	1/3, 1/4, 1/5, 1/6	208-230	2.6	6.50	5.23	1/2
825 RPM - 8 Pole							
03459* Wizard 825	NFBA87S	1/3, 1/4, 1/5, 1/6, 1/8	208-230	1.8	6.50	5.48	1/2

* Heat Shield