

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

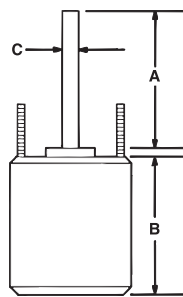
Specifications:

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

Multi-Horsepower, Reversible Rotation

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	DIMENSIONS		
					A	B	C
1075 RPM - 6 Pole							
Wizard 03458	JGU530S	1/3, 1/4, 1/5, 1/6	208-230	2.8	6.75	4.48	1/2
Wizard 03458HS*	LGU7215	1/3, 1/4, 1/5, 1/6	208-230	2.6	6.50	5.23	1/2
Wizard 03460*	RGU709S	1/2, 1/3, 1/4, 1/5, 1/6	208-230	3.0	6.75	4.48	1/2
03465*	LGU735S	1/3, 1/4, 1/5, 1/6	208-230	2.5	5.00	4.73	1/2
03468*	RGU733S	1/2, 1/3, 1/4, 1/5	208-230	3.1	5.00	5.48	1/2
825 RPM - 8 Pole							
Wizard 825 03459*	NFBA87S	1/3, 1/4, 1/5, 1/6, 1/8	208-230	1.8	6.50	5.48	1/2
Wizard 825 03461*	TFBA86S	1/2, 1/3, 1/4, 1/5, 1/6	208-230	2.8	6.50	6.48	1/2
03469*	SGU732S	1/3, 1/4, 1/5, 1/6	208-230	2.0	6.50	5.98	1/2

* Heat Shield

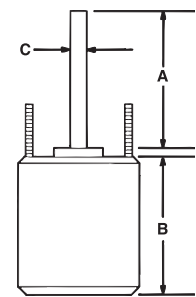


* Heat Shield

Cross Reference:

MARS No.	A.O. SMITH	EMERSON
03458	ORM5458	5458
03459	ORM5488B	5464
03465	FSE6000, FE6000	5462
03468	FE6002	5465
03469	FE6001	5464

All Angle And Shaft Up Outdoor Condenser Fan Motors



GE outdoor condenser fan motors are available for vertical shaft-up or vertical shaft-down applications. Vertical shaft-up models are also suitable for horizontal mounting. Add MARS No. 08105 resilient rings to base mount. All are electrically reversible and have full six inch shaft lengths. Models are available with sleeve or ball bearings, single or two speed in high efficiency or standard efficiency ratings.

Features:

- Reversible rotation
- Thru bolt or band mounting
- Water slinger on shaft
- Serrated end caps on vertical shaft-up models
- Full six inch shaft length
- For accessories see pages M-50 – M-54
- 6" shaft extension with 2 flats 90° apart

Specifications:

- Class "B" insulation
- Single phase, 60/50 Hertz
- Automatic thermal overload protected
- Fan duty, continuous, air over
- 26 inch leads

1075 RPM – Reversible Rotation – Energy Saver® – 6 Pole

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	RPM (2)	CAP REQ.	DIMENSIONS		
							A	B	C
03227(3)	EGG401T	1/6	208-230	1.0	1075	5/370	6.0	4.00	1/2
03228(3)	HGG402T	1/4	208-230	1.6	1075	5/370	6.0	4.50	1/2
03229(3)	MGG403T	1/3	208-230	2.4	1075	7.5/370	6.0	5.00	1/2
03230(3)	PGG404T	1/2	208-230	3.8	1075	10/370	6.0	5.50	1/2

Two Speed - Sleeve Bearings - Vertical Shaft Up/Down - 6 Pole

03027(1)	DGA768T	1/6	208-230	0.9	1075	5/370	6.0	3.75	1/2
03028(1)	GGA769T	1/4	208-230	1.5	1075	5/370	6.0	4.25	1/2
03029(1)	LGA770T	1/3	208-230	2.1	1075	7.5/370	6.0	5.00	1/2
03030(1)	NGS429S	1/2	208-230	3.2	1075	10/370	6.0	5.50	1/2

Shaft-Up - Two Speed - Sleeve Bearings - 6 Pole

03031(1)	LGC003T	1/3	208-230	2.1	1075	7.5/370	6.0	4.98	1/2
03032(1)	NGL785S	1/2	208-230	3.2	1075	10/370	6.0	5.48	1/2
03048(1)	NGL762S	3/4	208-230	3.9	1075	15/370	6.0	5.48	1/2

(1) Lead-end endshield open construction

(2) Low speed approximately 300 RPM less than high speed depending on fan load

(3) 60 Hz operation only