

# Multi-HP SOS Condenser Fan Motors

**5½** inch dia. MARS SERIES **034**

## SOS™ Multi-Horsepower Outdoor Condenser Fan Motors



**GE Commercial Motors**

By Regal-Beloit



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
- Ball Bearings
- 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



\* Heat Shield

### Cross Reference:

| A.O. Smith      | Emerson | MARS NO.     |
|-----------------|---------|--------------|
| ORM5458         | 5458    | <b>03458</b> |
| ORM5488B        | 5464    | <b>03459</b> |
| FSE6000, FE6000 | 5462    | <b>03465</b> |
| FE6002          | 5465    | <b>03468</b> |
| FE6001          | 5464    | <b>03469</b> |

### Specifications:

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

### Multi-Horsepower, Reversible Rotation

| MARS NO. | GE NO. 5KCP39 | HP | VOLTS | AMPS | A | DIMENSIONS B | C |
|----------|---------------|----|-------|------|---|--------------|---|
|----------|---------------|----|-------|------|---|--------------|---|

#### 1075 RPM - 6 Pole

|               |                 |          |                    |         |      |      |      |     |
|---------------|-----------------|----------|--------------------|---------|------|------|------|-----|
| <b>Wizard</b> | <b>03458</b>    | JGU530S  | 1/3, 1/4, 1/5, 1/6 | 208-230 | 2.80 | 6.75 | 4.48 | 1/2 |
| <b>Wizard</b> | <b>03458HS*</b> | LGU721S  | 1/3, 1/4, 1/5, 1/6 | 208-230 | 2.60 | 6.50 | 5.23 | 1/2 |
| <b>Wizard</b> | <b>03460*</b>   | RGU709S  | 1/3, 1/4, 1/5, 1/6 | 208-230 | 2.80 | 6.75 | 4.48 | 1/2 |
|               | <b>03465*</b>   | KGU361AS | 1/3, 1/4, 1/5, 1/6 | 208-230 | 2.60 | 5.00 | 4.73 | 1/2 |
|               | <b>03468*</b>   | PGU419S  | 1/2, 1/3, 1/4, 1/5 | 208-230 | 3.00 | 5.00 | 5.48 | 1/2 |

#### 825 RPM - 8 Pole

\* Heat Shield

|                   |               |         |                         |         |     |      |      |     |
|-------------------|---------------|---------|-------------------------|---------|-----|------|------|-----|
| <b>Wizard 825</b> | <b>03459*</b> | PGU627S | 1/3, 1/4, 1/5, 1/6, 1/8 | 208-230 | 2.4 | 6.75 | 5.31 | 1/2 |
| <b>Wizard 825</b> | <b>03461*</b> | TFBA86S | 1/2, 1/3, 1/4, 1/5, 1/6 | 208-230 | 2.4 | 6.75 | 5.31 | 1/2 |
|                   | <b>03469*</b> | PGU418S | 1/3, 1/4, 1/5, 1/6      | 208-230 | 1.9 | 5.00 | 5.48 | 1/2 |



The largest selection of motors, components and accessories for the HVAC/R Industry