

## OVERVIEW



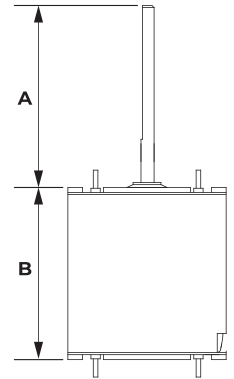
Dial® condenser fan motors are engineered with performance, reliability, and convenience in mind. Long 42" leads ensure every installation goes smoothly. 100% copper windings improve efficiency, optimize heat dissipation, and provide maximum durability and reliability. In addition, Dial® copper wound motors feature an average service factor greater than 1.0 and can easily handle extra loads beyond the nameplate rating for short periods of time without sustaining damage. This is particularly beneficial during voltages fluctuations and temporary restrictions in condenser fins. Dial® condenser fan motors are backed by a 2-year warranty.

## SPECIFICATIONS

- 60°C or 70°C Ambient
- 60 Hz / Single Phase
- Totally Enclosed Air Over Construction
- Auto Thermal Protection
- NEMA 48 Frame
- UL Recognized

## FEATURES

- 42" Leads for trouble-free installation.
- Weather-Resistant Shells resist corrosion.
- Precision Ball Bearings deliver long-lasting, maintenance-free performance.
- 100% Copper Windings reduce operating temperatures and extend life expectancy.
- Average Service Factors Exceed 1.0 allowing momentary operation above nameplate rating.
- Mounting Holes compatible with Rheem / Ruud condensers.
- 2-Year Warranty



## 60°C RATED - SINGLE HORSEPOWER

Dial No.	HP	Voltage	RPM / Speeds	Rotation	Amps	Required Capacitor	Shaft Diameter	Shell Diameter	Dimension	
									A	B
24727	1/6	208 / 230V	1075 / 1	Reversible	1.2	5µF / 370	0.50"	5.6"	6.44"	4.25"
24728	1/4	208 / 230V	1075 / 1	Reversible	1.8	5µF / 370	0.50"	5.6"	6.44"	4.25"
24729	1/3	208 / 230V	1075 / 1	Reversible	2.4	7.5µF / 370	0.50"	5.6"	5.89"	4.53"
24730	1/2	208 / 230V	1075 / 1	Reversible	3.2	10µF / 370	0.50"	5.6"	6.44"	5.47"
24731	3/4	208 / 230V	1075 / 1	Reversible	4.4	10µF / 370	0.50"	5.6"	5.50"	5.75"
24403	1/6	208 / 230V	825 / 1	Reversible	1.3	5µF / 370	0.50"	5.6"	5.98"	4.25"
24404	1/4	208 / 230V	825 / 1	Reversible	1.5	7.5µF / 370	0.50"	5.6"	6.0"	4.92"
24405	1/3	208 / 230V	825 / 1	Reversible	2.0	10µF / 370	0.50"	5.6"	6.0"	5.63"

## 60°C RATED - MULTI-HORSEPOWER

Dial No.	HP	Voltage	RPM / Speeds	Rotation	Amps	Required Capacitor	Shaft Diameter	Shell Diameter	Dimension	
									A	B
24458	1/3 - 1/6	208 / 230V	1075 / 1	Reversible	2.7	5µF / 370	0.50"	5.6"	4.90"	4.53"
24465	1/3 - 1/6	208 / 230V	1075 / 2	Reversible	2.7 / 1.5	7.5µF / 370V @ 208V 5µF / 370V @ 230V	0.50"	5.6"	4.96"	4.53"
24468	1/2 - 1/5	208 / 230V	1075 / 2	Reversible	3.8 / 1.5	12.5µF / 370V @ 208V 10µF / 370V @ 230V	0.50"	5.6"	4.96"	5.31"
24459	1/3 - 1/6	208 / 230V	825 / 1	Reversible	2.1	7.5µF / 370	0.50"	5.6"	4.96"	5.31"
24469	1/3 - 1/6	208 / 230V	825 / 2	Reversible	1.9 / 1.2	10µF / 370V @ 208V 7.5µF / 370V @ 230V	0.50"	5.6"	4.96"	5.31"

## 70°C RATED - SINGLE HORSEPOWER

Dial No.	HP	Voltage	RPM / Speeds	Rotation	Amps	Required Capacitor	Shaft Diameter	Shell Diameter	Dimension	
									A	B
29727	1/6	208 / 230V	1075 / 1	Reversible	1.2	5µF / 370	0.50"	5.6"	6.44"	4.25"
29728	1/4	208 / 230V	1075 / 1	Reversible	1.8	5µF / 370	0.50"	5.6"	6.44"	4.25"
29729	1/3	208 / 230V	1075 / 1	Reversible	2.4	7.5µF / 370	0.50"	5.6"	5.89"	4.53"
29730	1/2	208 / 230V	1075 / 1	Reversible	3.2	10µF / 370	0.50"	5.6"	6.44"	5.47"
29731	3/4	208 / 230V	1075 / 1	Reversible	4.4	10µF / 370	0.50"	5.6"	5.50"	5.75"
29403	1/6	208 / 230V	825 / 1	Reversible	1.3	5µF / 370	0.50"	5.6"	5.98"	4.25"
29404	1/4	208 / 230V	825 / 1	Reversible	1.5	7.5µF / 370	0.50"	5.6"	6.0"	4.92"
29405	1/3	208 / 230V	825 / 1	Reversible	2.0	10µF / 370	0.50"	5.6"	6.0"	5.63"
29736	1/4	460V	1075 / 1	Reversible	0.8	7.5µF / 370	0.50"	5.6"	6.97"	4.25"
29737	1/3	460V	1075 / 1	Reversible	1.12	7.5µF / 370	0.50"	5.6"	6.97"	5.31"
29738	1/2	460V	1075 / 1	Reversible	1.4	10µF / 370	0.50"	5.6"	6.97"	5.75"
29739	3/4	460V	1075 / 1	Reversible	2.9	10µF / 370	0.50"	5.6"	6.97"	6.10"
29859	1/6	460V	825 / 1	Reversible	TBD	TBD	0.50"	5.6"	TBD	TBD
29880	1/4	460V	825 / 1	Reversible	TBD	TBD	0.50"	5.6"	TBD	TBD
29881	1/3	460V	825 / 1	Reversible	TBD	TBD	0.50"	5.6"	TBD	TBD
29882	1/2	460V	825 / 1	Reversible	TBD	TBD	0.50"	5.6"	TBD	TBD

## 70°C RATED - MULTI-HORSEPOWER

Dial No.	HP	Voltage	RPM / Speeds	Rotation	Amps	Required Capacitor	Shaft Diameter	Shell Diameter	Dimension	
									A	B
29458	1/3 - 1/6	208 / 230V	1075 / 1	Reversible	2.7	5µF / 370	0.50"	5.6"	4.90"	4.53"
29465	1/3 - 1/6	208 / 230V	1075 / 2	Reversible	2.7 / 1.5	7.5µF / 370V @ 208V 5µF / 370V @ 230V	0.50"	5.6"	4.96"	4.53"
29468	1/2 - 1/5	208 / 230V	1075 / 2	Reversible	3.8 / 1.5	12.5µF / 370V @ 208V 10µF / 370V @ 230V	0.50"	5.6"	4.96"	5.31"
29459	1/3 - 1/6	208 / 230V	825 / 1	Reversible	2.1	7.5µF / 370	0.50"	5.6"	4.96"	5.31"
29469	1/3 - 1/6	208 / 230V	825 / 2	Reversible	1.9 / 1.2	10µF / 370V @ 208V 7.5µF / 370V @ 230V	0.50"	5.6"	4.96"	5.31"