

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

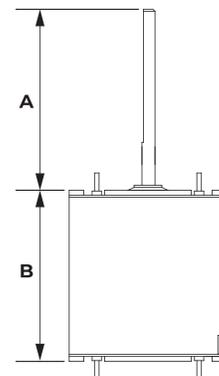
Auto Thermal Protection

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.
- 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"