UNIT BEARING REFRIGERATION MOTORS



OVERVIEW

Dial® Unit Bearing Cast Iron Motors are built for dependable fan duty in commercial and residential refrigeration. They are a direct-fit replacement for condenser and evaporator fans in refrigerators, freezers, food and beverage coolers, vending machines, display cases, and other fan-driven equipment.

Every motor ships ready to install: 24" leads with a 90° Lyall plug, a 5-hole universal mounting pattern, double mounting pads and mounting screws in the box.

SPECIFICATIONS

- Universal Mounting Pattern
- Mounting Screws Included
- Double Mounting Pads
- Individually Boxed
- UL Recognized

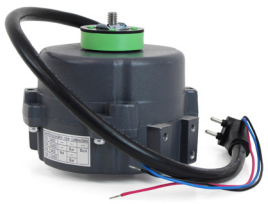
FEATURES

- **Cast Iron Construction** for long service life and quiet, steady operation.
- **24" Leads** for better reach and easier installs.
- **90° Lyall Plug** is also compatible with straight Lyall plug applications.
- **5-Hole Universal Mounting** fits a wide range of OEM brackets.
- **2-Year Warranty**

UNIT BEARING CAST IRON REFRIGERATION MOTORS

Dial No.	Watts	Voltage	RPM	Rotation	Frame
45109	2	115V	1550	CW	Aluminum
45211	4	115V	1550	CW	Cast Iron
45212	4	115V	1550	CCW	Cast Iron
45221	4	230V	1550	CW	Cast Iron
45222	4	230V	1550	CCW	Cast Iron
45311	6	115V	1550	CW	Cast Iron
45312	6	115V	1550	CCW	Cast Iron
45411	9	115V	1550	CW	Cast Iron
45412	9	115V	1550	CCW	Cast Iron
45421	9	230V	1550	CW	Cast Iron
45422	9	230V	1550	CCW	Cast Iron
45811	16	115V	1550	CW	Cast Iron
45812	16	115V	1550	CCW	Cast Iron
45821	16	230V	1550	CW	Cast Iron
45822	16	230V	1550	CCW	Cast Iron
45041	50	230V	1500	CW	Cast Iron

ECM COMMERCIAL REFRIGERATION MOTORS



DIAL NO. 45414



DIAL NO. 45408

OVERVIEW

Two Dial® ECM Commercial Refrigeration Motors replace a shelf of standard part numbers. Each one automatically adjusts to the fan load and the system voltage, and speed and rotation are set with a simple jumper wire. No external module or programmer is required. All Dial® refrigeration motors are backed by a 2-year warranty.

SPECIFICATIONS

- Cast Aluminum Body
- 115–230V Auto-Sensing
- Jumper-Wire Speed & Rotation Control
- Hardware Kits Included
- A2L Compliant
- IP67 Rated
- 2-Year Warranty

FEATURES

WATT MOTOR ECM (REACH-IN)

- **Universal Output:** 4–25 W, automatically matches the fan load.
- **Dual Mounting Pads** on both ends for condenser applications.
- **Universal Rear 5-Hole Mount** for GE and Hussmann applications.
- **90° Lyall Plug** is also compatible with straight Lyall plug applications.
- **IP67 Rated and Submersible.**

3.3" MOTOR ECM (WALK-IN)

- **Universal Output:** 1/25–1/15 HP, automatically matches the fan load.
- **2.4" Shallow Body** fits tight evaporators.
- **IP67 Rated** to protect motor from washdowns.

ECM REFRIGERATION MOTORS

Dial No.	Application	Output	Voltage	RPM (Jumper Select)	Rotation	Rating
45414	Reach-In	4–25 W	115–230V Auto	1550 / 1650	Reversible	IP67 Submersible, A2L
45408	Walk-In	1/25–1/15 HP	115–230V Auto	1550 / 800	Reversible	IP67, A2L