FridgeWize

An Easy Solution to High Energy Bills For Walk-In's and Display Case Refrigeration Systems

THE MOST ENERGY EFFICIENT MOTOR IN THE INDUSTRY

Commercial refrigeration accounts for 20% of all energy used in this world. FridgeWize offers a drop-in replacement option for existing evaporator motors that are in various walk-in cooler and freezer applications. These EC motors allow for instant energy reduction vs. the traditional motor designs while meeting Original Equipment Manufacturer motor specifications. With the on-board computer, these EC motors can maintain airflow better than the traditional motors.

SPECIFICATIONS:

- Energy Efficient ECM technology
  - > Automatic Torque Variation to match and hold speed
- Up to 1/5HP to 3 HP
- Peak Efficiency ~78-90%
- Single Phase 115V to 240V, 60Hz
- Three Phase 230V to 460V, 60Hz
- Speed Range 500-1800 RPM
- Single Speed, Two Speed, or Variable Speed
- Rotation: CW or CCW
- Electronically Protected Overload
- UL 60730 Compliant
- Ball Bearings with Low Temperature Grease
- Operating Position: All Angle
- Humidity: 5 to 100% R.H., condensing
- Temp Ranges
  - > Operating temp: -40˚C to +25˚C ambient
  - > Storage temp: -40˚C to +80˚C ambient
- Motor designed to OEM specifications for reliability

BENEFITS:

- Energy reductions of up to 50% by just installing FridgeWize EC motors
- Available Fan Speed Controller for additional energy savings
- Higher efficiency means heat reduction in the evaporator that translates to additional compressor savings
- FridgeWize EC motors come with an industry standard one-year limited warranty
- Constant rotational speed for better airflow regulation
- Drop-in replacement for existing shaded pole and PSC evaporator cooler and freezer motors
- Proven. Most utility providers offer prescriptive rebates for this technology

FEATURES:

- Various Mechanical Options to match existing motors for easy installation
- Same technology that is utilized in original equipment as mandated by Department of Energy (DOE) minimum efficiency standards
- Lower motor operating temperatures to promote longer life of the motor insulation and bearing systems

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