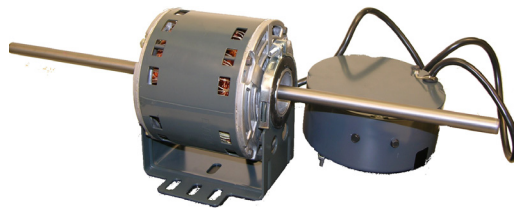




## An Easy Solution to High Energy Bills For Hydronic Fan Coil Systems Permanent Magnet Variable Speed Motor

### THE MOST ENERGY EFFICIENT MOTOR IN THE INDUSTRY



The FridgeWize fan coil solution integrates the efficiency of a permanent magnet motor into the fan coil system. The FridgeWize fan coil system also allows for variable speed programmability either by matching a set CFM or integrating with a building automation system. The retrofit is an easy, drop-in replacement into existing fan coil systems. Savings have been shown to be up to 80% through motor efficiency as well as balancing the airflow.

#### SPECIFICATIONS:

- Fully Variable brushless permanent magnet AC motor
- Ratings up to 1/4HP direct drive application
- 120V, 240V, 277V, 1 Phase voltage configuration
- Able to match existing airflow or custom airflow needs
- Ability to be integrated into existing building automation systems
- Quiet ramp up in speed and coast down for hospitality and office environments
- NEMA 48 frame, UL and cUL recognized component
- Near constant efficiency across the speed range unlike existing induction motor systems
- Motor designed to OEM specifications for reliability

#### BENEFITS:

- Motor efficiency up to 80%
- More efficient as compared to a stand-alone PSC motor and a PSC motor paired with a SCR control
- Easy installation and startup, drop-in replacement
- Works with existing line voltage thermostats or 24VAC thermostats
- Utilize the same motor used in new OEM equipment
- Constant torque speed program to hold RPM more reliably
- Multiple mechanical options to cover various fan coil systems
- Ball bearing construction
- Backed by over 20 years of experience in ECM technology

#### FEATURES:

- Permanent Magnet AC Motor with integrated electronic control
- Soft speed ramp up to promote system longevity
- 6kV surge protection against voltage spikes
- Drop in replacement for existing fan coil systems
- Lower motor operating temperatures to promote longer life of the motor insulation and bearing systems

