



SPECIFICATION SHEET

ELECTRONICALLY COMMUTATED (EC) VARIABLE FREQUENCY DRIVE (VFD)

Whether you have been tasked with monitoring utility usage, implementing energy saving initiatives, or reducing operational costs, EC variable frequency drive blower motors are the gold standard for meeting these objectives.

SUMMARY

FridgeWize offers an energy efficient fully variable brushless permanent magnet AC blower motor for rooftop HVAC applications. This motor will be programmed to vary its speed based on your thermostat's heating, cooling and ventilation calls. The various control options allow the customer the flexibility to choose a system to match their needs and provide comfort while saving energy.

SPECIFICATIONS

- 1HP to 30HP belt drive application
- 3 phase voltage configuration (208V to 460V)
- Matched motor and controller to ensure reliable variable speed operation
- Motor insulation system rated to be operated with VFD's
- Integrated motor and control for 3HP and below
- Permanent magnet with external VFD for 5HP and above.
- Near constant efficiency across the speed range unlike existing induction motor systems.
- Motor designed to RTU OEM specifications for reliability

BENEFITS

- The efficiency of the motor will require other components to work less which will extend the duty life of your HVAC system as a whole.
- Available package options to replace existing economizers, sensors, and actuators with industry leading brands.
- The motor converts constant volume systems to variable volume systems to achieve energy reductions.
- Our permanent magnet AC motor exceeds NEMA Premium efficiency standards

FEATURES

- 5-year limited warranty
- Variety of speed variations

APPLICATIONS

- Rooftop HVAC Units
 - Blower Motor Retrofit



Scan to get
started on your
free assessment