



PRODUCT INFORMATION

ELECTRONICALLY COMMUTATED (EC) EVAPORATOR FAN MOTOR

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

SUMMARY

FridgeWize offers a plug-and-play replacement motor option for existing evaporator motors that occupy walk-in cooler and freezer applications. These EC motors create instant energy reduction compared with traditional motor designs. Our EC motors meet the OEM's motor specifications and adhere to the Department of Energy's minimum efficiency standards.

SPECIFICATIONS

- Up to 1/15 HP
- Peak Efficiency ~66%
- Dual Voltage 115V to 208V
- Dual Frequency 50Hz or 60Hz
- Shaft type: Hubbed and Hubless
- Single Speed, Two Speed, or Variable Speed
- Dual Rotation: CW or CCW
- Electronically Protected Overload
- Operating Position: All Angle
- Humidity: 5 - 100% R.H., condensing
- Temperature Ranges
 - > Operating temp: -40* C to +25* C ambient
 - > Storage temp: -40* C to +80* C ambient
- Duty Cycle: 80,000 hours [10 years]



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BENEFITS

Energy Reduction

- We see energy reductions of up to 70% immediately after installation.

Compressor Benefits

- Higher efficiency leads to less heat being produced which translates to additional compressor savings.

Rebates

- Depending on your area, your utility provider may offer prescriptive rebates (money back) for implementing this technology.

Reduced Maintenance

- the combination of improved efficiency, and fewer moving parts contribute to the decline in maintenance requests.

FEATURES

- 1-year limited warranty
- Variety of speed variations
- Dual Rotation
- Dual Voltage
- Lower motor operating temperatures to promote longer life with reduced stress on compressor.