



PRODUCT INFORMATION FOR EON 42

ENERGY EFFICIENT MOTOR FOR FAN COILS & BLOWER DECK APPLICATIONS

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

SUMMARY

The new Eon 42 motor is the latest in the Eon line of energy efficient motors. The Eon 42 is a more energy efficient solution for the standard PSC motor found in many fan coils and blower deck applications today saving up to 56% of the electricity consumed by the motor. This motor offers simple installation along with a wide range of horsepower, voltages, and mechanical features, truly making the Eon 42 the simplest and most cost effective solution.

SPECIFICATIONS

- Variable Speed, Constant Torque motor
- Designed for direct drive blower applications
- 120V or 208/240/277V AC single phase input, 50/60Hz
- Available in 1/15hp (low speed only) as well as 1/8hp and 1/4hp (high and low speed)
- Operating speed range: High Speed - 300 - 1800 RPM and Low Speed - 300 - 1200 RPM
- NEMA 42 frame
- UL and cUR recognized component
- RoHS Compliant

BENEFITS

- Efficiencies exceeding 78%
- Low Voltage AC or DC thermostat inputs allow for use of existing system controls
- PWM Control allows for fully Variable Speed retrofits
- Reliable. Backed by over 20 years of experience in ECM technology.

FEATURES

- Multiple input options
 - PWM Variable speed operation
 - 3 Selectable Discrete Line Voltage Speeds
 - 24 Volt Discrete input Selection
- 6kV Surge Protection
- BlaKBox enabled
- Ball Bearing Construction

APPLICATIONS

- Fan Coils
- Kitchen Ventilators
- Air Curtains
- Unit Heater/Cooler



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