



ECM 3.0

SPECIFICATIONS

- Constant CFM, constant torque, brushless DC motor
- 120V/ 240V AC single-phase input, 50/60Hz
- Designed for direct-drive blower applications in residential systems up to 5-tons
- Available in 1/3, 1/2, 3/4 and 1HP ratings
- Operating speed range of 200-1300 rpm and a high speed option at 200-1800 rpm
- NEMA 48-frame
- UL and cUL recognized component
- ROHS compliant and CE marked

FEATURES

- Variable speed operation from 200-1300 rpm and a high speed option at 200-1800 rpm
- Digital serial interface(DSI) or fully variable(PWM)
- 6kV surge protection
- BlakBox® diagnostics
- Replacement control module or motor module
- Ball bearings
- External 0-10V input adapter plug available (Converts 0-10V input to PWM signal for motor)

BENEFITS

- Efficiency up to 80%
- Constant torque or constant airflow
- Adjustable off-delay & on-delay/wide ramping range
- Encapsulated electronics
- Low audible noise due to patented resilient rotor design

SALES OPPORTUNITY

- Replace PSC blower motors for improved system efficiency

TALKING POINTS

- Constant airflow to ensure comfort with static changes related to blocked vents, dirty filter or other obstruction
- The most quiet of all motors. Slower ramp up and ramp down so that there is less noise
- Higher efficiency greatly enhances the ability of energy efficient systems to qualify for US government rebates as defined in various energy bills

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