



ECE



ECE-E

3.1.3

ECE



The ECE from Powered Aire offers the core benefits of a traditional air curtain (temperature separation, insect control and the reduction of unwanted outside elements) along with energy saving technology designed to lessen the usage of a building's energy consumption (reduce energy bills). Powered Aire's ECo-Motor™ models feature electrically commutated (EC) motors that are significantly more energy efficient than traditional PSC motors. The motors are specifically designed for air curtain applications, with the time between motor activation and maximum speed less than 1 second.

OPTIONS

HEATING

- Electric. ECE-E
- Hot Water. pg 15
- Steam pg 15

FILTER

- ½" Cleanable



AT A GLANCE

Single Incremental Widths

3' to 12'

Max Installation Height

14'

Heavy Duty Motors

¾ HP

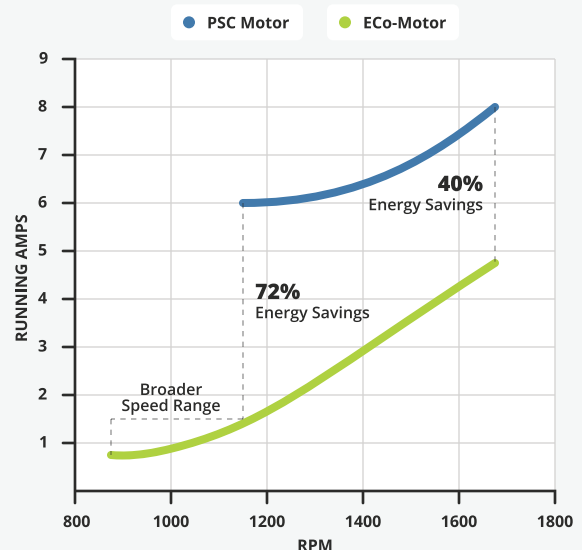
KEY DESIGN FEATURES

- 18 gauge 304 stainless steel in a number three finish.
- Heavy duty ¾ HP EC motors. 1650 rpm on high speed.
- 2:1 turndown ratio when used with optional speed dial.
- Galvanized fans.
- Air intake screen is perforated stainless steel with mill grain finish.
- High efficiency discharge plenum ensures that air being discharged fills the entire width and height of the opening. This also lowers the unit's operational sound level.
- Directional air foil vane factory set to facilitate deflection of air stream +/-20 degrees.

RECOMMENDED CONTROLS

- Variable speed dial
- Thermostat, if electrically heated (Model ECE-E)
- Magnetic Door Switch for activation
- Time Delay Relay

MEASURING EFFICIENCY



Data based on ¾ HP @ 120V