FKD 14 XL EC Mixed Flow Fan

14" inline duct fan w/metal housing, EC Motor, 120V, 1~

Item #: 44937

Variant: 120V 1~ 60Hz

High efficiency inline mixed-flow duct fan designed for ventilation systems in commercial applications and unique residential projects requiring infinite airflow controllability. Economical use of energy and ease of control help this fan match the demand of any job.

• Built-in potentiometer
• Optional control via external devices outputting 0-10V signal such as temperature, occupancy sensor, gas detection, humidity, etc.
• BMS compatible
• LEED credit qualifier for green or passive house projects
• Input from temperature or occupancy sensor via a 0-10V signal or dry contact
• Excellent energy savings, especially at partial load
• High cfm/W ratio
• Low ambient noise when speed-controlled
• 5-year factory warranty

Typical applications are supply or exhaust air duct systems in offices, day care facilities, schools, gymnasiums, manufacturing facilities where airflow adjusts to the actual demand based on a day/time schedule, occupancy, CO_2 level, etc. This fan can be used as a remote mounted exhaust fan for residential kitchens.

The housing is manufactured from a two-piece stamped, galvanized construction. The fan motor can operate in temperatures of air up to 104°F and the motor bearings are permanently sealed and self-lubricating for maintenance-free life.

The fan comes with a built-in 0-10V potentiometer that makes it easier to find the preferred working point without any additional wiring. The fan has built-in thermal overload protection with automatic reset, meaning no user intervention necessary. With the motor in the airstream, this fan provides the constant dissipation of heat build-up even at partial load that gives this fan best-in-class longevity and reliability. For the same air volume, this fan consumes considerably less energy than an AC fan of its size.

Specifically designed mounting brackets and hardware for fast installation are included. This fan comes with a 5-year factory warranty.