



MODEL 50E

The **Model 50E** can be installed in ductwork utilizing the pre-drilled mounting flange and factory applied gasket. The installer makes a duct cut out and secures the unit to the duct with self-tapping sheet metal screws. The unit can also be installed inside an HVAC unit utilizing a contractor supplied mounting bracket. Power to the unit should be interlocked with system fan operation. The power input fitting provides easy disconnection of the power supply for servicing the unit. A five position ion level control knob varies the ion output between 50% and 100%. A low voltage dry contact and connected cable are provided for remote monitoring of unit operation.

OPTIONAL ACCESSORY:

Pressure Differential Switch (AFS) for interlocking with fan operation

SPECIFICATIONS

- Airflow Capacity: Up to 8,000 CFM
- Pressure Drop: See Figure 1
- Housing Material: 22 gauge steel
- Weight: 15 pounds
- Maximum Operating Temperature: 200° F (93° C)
- Electrical:
 - Voltage: 115V (51E)/230V (52E)
 - Power Consumption: 30 watts
 - Current Draw: 0.25A (51E)/0.13A (52E)
 - Frequency: 50/60 hertz
 - Internal Fuse: 1.0 amp
 - Field Electrical Connection: 3/8" flexible metal conduit (BX)

Ionization Tube:

- Material: Glass, stainless steel
 - Number of Tubes: Five (5)
 - Size: E
 - Length: 14 inches
 - Life: 17,600* hours
- *dependent on pollutant, filtration and tube maintenance

DIMENSIONS: See Figure 2

CERTIFICATIONS:

Underwriters Laboratories Inc. Standards UL867 and UL1995.
Classified as plenum rated per UL 2043, file #E313835

