



The Plasma Air 50 Series **Models 51E / 52E** 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 inlet 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 is provided for remote monitoring of unit operation.

OPTIONAL ACCESSORIES:

- Remote Monitoring Cable
- 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 stainless steel
Weight: 15 pounds
Maximum Operating Temperature:200° F (93° C)
Electrical:
 Voltage Input 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 UL 867 and UL 1995. Classified as plenum rated per UL 2043, file #E313835.

FIGURE 1

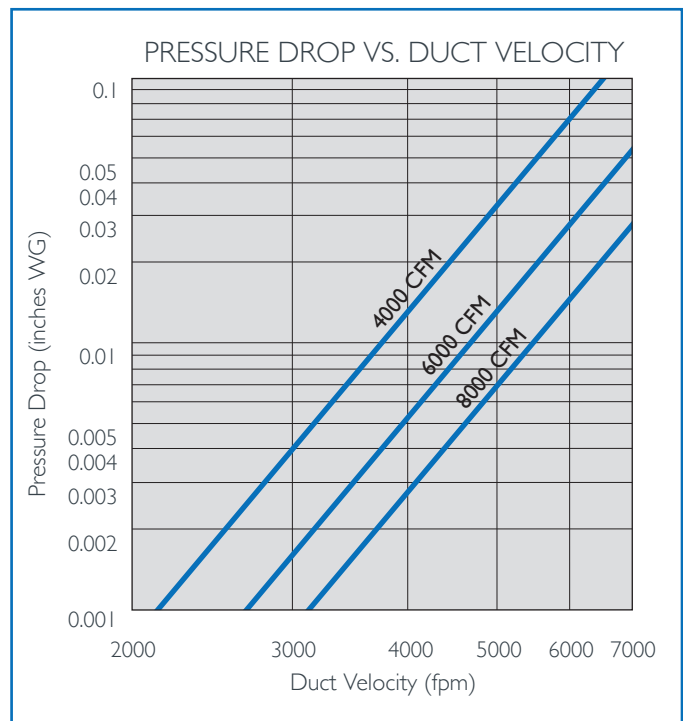


FIGURE 2

