



MODEL 50F

The Model 50F can be installed in metal duct utilizing the factory supplied gaskets and pre-drilled flange. The contractor makes a duct cut out and secures the unit 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 permits easy disconnection of the power supply for unit service. A five position ion level switch varies the ion output between 50% and 100%. A low voltage connection and a five foot cable are provided for remote monitoring of unit operation.

OPTIONAL ACCESSORY:
Airflow switch

SPECIFICATIONS

- Airflow Capacity: Up to 10,000 CFM
- Pressure Drop: See Figure 1
- Housing Material: 22 gauge steel
- Weight: 18 pounds
- Maximum Operating Temperature: 140° F (60° C)
- Electrical:
 - Voltage: 115V (51F)/230V (52F)
 - Power Consumption: 50 watts
 - Current Draw: 0.3A (51F)/0.15A (52F)
 - 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: F
- Length: 21 inches
- Life: 8,800 hours

DIMENSIONS: See Figure 2

APPROVALS:

Underwriters Laboratories Inc. listed as plenum rated per UL 2043, file #313835

FIGURE 1

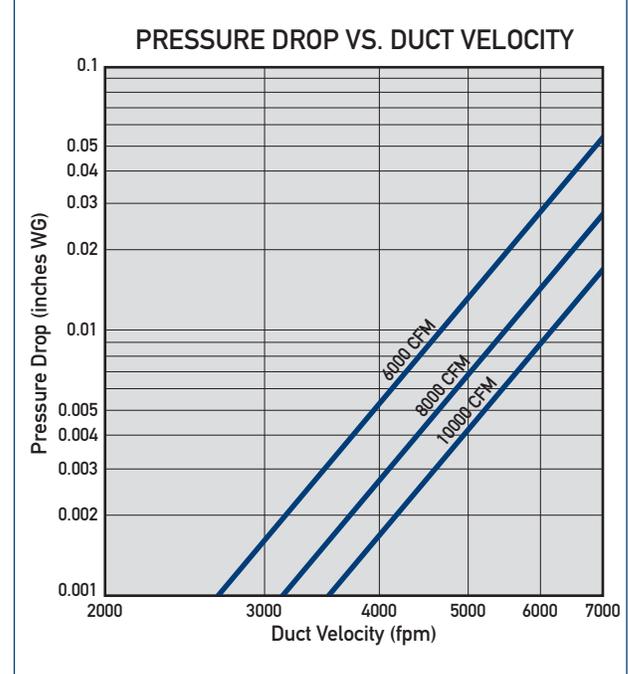


FIGURE 2

