



**MODEL 100**

The **Model 100** 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 ionization 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% strength.

**OPTIONAL ACCESSORY:**

AFS-MF Air Flow Switch – Mounting Frame

AFS-MF-JB Air Flow Switch – Mounting Frame – Junction Box

**SPECIFICATIONS**

- Air Flow Capacity: ..... Up to 3500 CFM
- Pressure Drop: ..... See Figure 1
- Housing Material: ..... 20 gauge stainless steel
- Weight: ..... 5 pounds
- Maximum Operating Temperature: 140° F (60° C)
- Electrical:**
  - Voltage: ..... 115V (101)/230V (102)/24V (103)
  - Power Consumption: ..... 8 watts
  - Current Draw: ..... 0.1A(101)/0.05A(102)/0.5A(103)
  - Frequency: ..... 50/60 hertz
  - Internal Fuse: ..... 1.0A (101)/0.5A (102)/3.0A (103)
  - Field Electrical Connection: ..... Nema 15 receptacle

**Ionization Tube:**

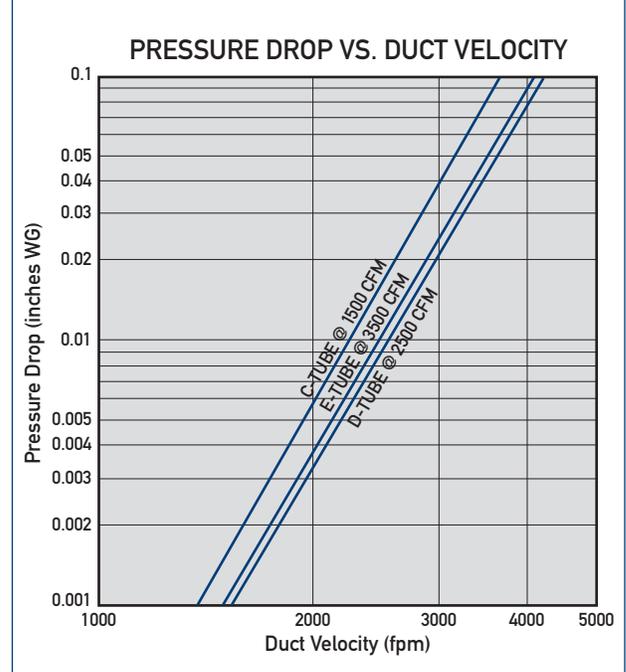
- Material: ..... Glass, stainless steel
- Number of Tubes: ..... One (1)
- Size: ..... C, D, or E
- Length: ..... 7, 9 1/2, or 14 inches
- Life: ..... 8,800 hours

**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**

