



MODEL 100

The **Model 100** is a single-tube unit that can be installed in ductwork utilizing the pre-drilled flange and factory applied gasket. The installer 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 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%.

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 3000 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, 9½, or 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

