



The Plasma Air 100 Series Models 101 / 102 / 103 are single-tube units that can be installed in ductwork utilizing the pre-drilled flange and factory applied gasket. The installer makes a duct cutout 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 inlet 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%. Power cord is included.

**OPTIONAL ACCESSORIES:**

- AFS-MF: Mounting Frame with Integral Pressure Switch
- AFS-MF-JB: Mounting Frame with Pressure Switch and J-Box

**SPECIFICATIONS:**

**Airflow Capacity:** ..... 100C - 1500 CFM  
 ..... 100D - 2500 CFM  
 ..... 100E - 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 Input ..... 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: ..... 0.5A (101)/0.5A(102)/3.0A (103)  
 Field Connection: ..... NEMA 5-15 (101)  
 ..... NEMA 6-15 (102)  
 ..... Field wiring (103)  
 Lead Wires ..... 48"(L)

**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

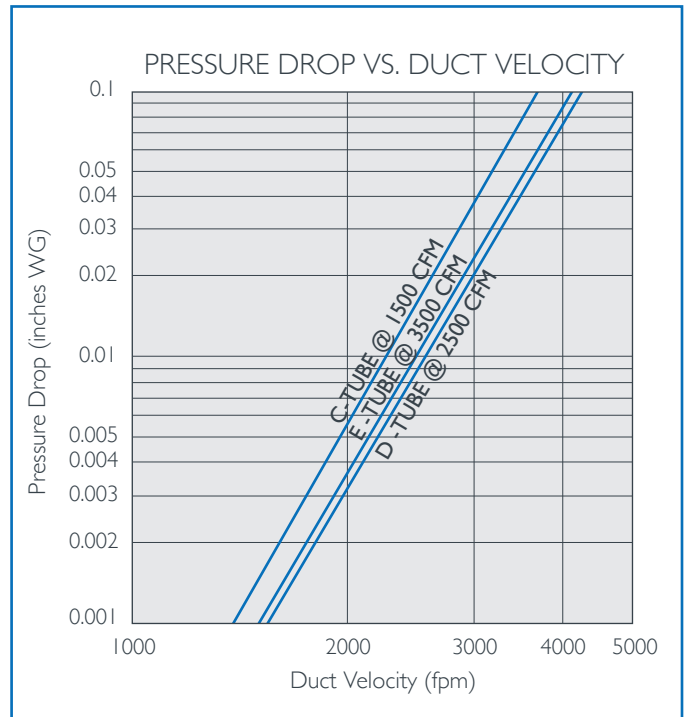
\*dependent on pollutant, filtration and tube maintenance

**DIMENSIONS:** See Figure 2

**CERTIFICATIONS:**

Underwriters Laboratories Inc. Standards UL 867 and UL 1995.  
 Classified as plenum rated per UL 2043, file #E313835.

**FIGURE 1**



**FIGURE 2**

