

Model 100



The Air+ 100 is a single-tube ionizer that produces positive and negative ions to improve indoor air quality. A six-position ion control knob allows for ion output between 50% and 100%. The unit may be mounted on a metal supply duct or inside an HVAC unit. The Air+ 100 is available with either 120V AC or 240V AC power input and three (3) tube lengths. Power to the unit may be interlocked directly with fan power or by using an air flow or pressure switch. An optional AirPlate with junction box and pressure switch is also available to interlock power with airflow.

Air Flow Capacity:Up to 3,000 CFM

Pressure Drop:See Figure 1

Electrical:

Voltage:120V (101) or 240V (102)

Power Consumption:8 watts

Current Draw:0.1A (101) or 0.05A (102)

Frequency:50/60 hertz

Internal Fuse:0.5A (101) or (2) 0.5A (102)

Field Connection:NEMA 15 receptacle

Ionization Tube:

Number of Tubes:One (1)

Material:Glass, stainless steel

Size:C, D or E-tube

Length:6, 10, or 14 inches

Life:17,600* hours

Housing Material:20 gauge stainless steel

Weight:5 pounds

Maximum Operating Temp: ... 200° F (93° C)

*dependent on pollutant, filtration and tube maintenance

Dimensions:See Figure 2

Optional Accessory:AirPlate

Ordering Nomenclature:

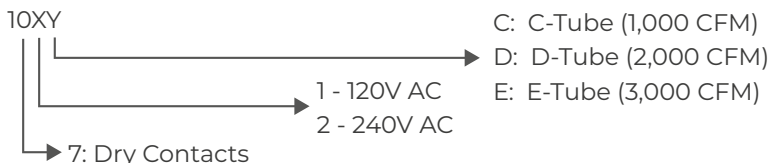


FIGURE 1: PRESSURE DROP VS. DUCT VELOCITY

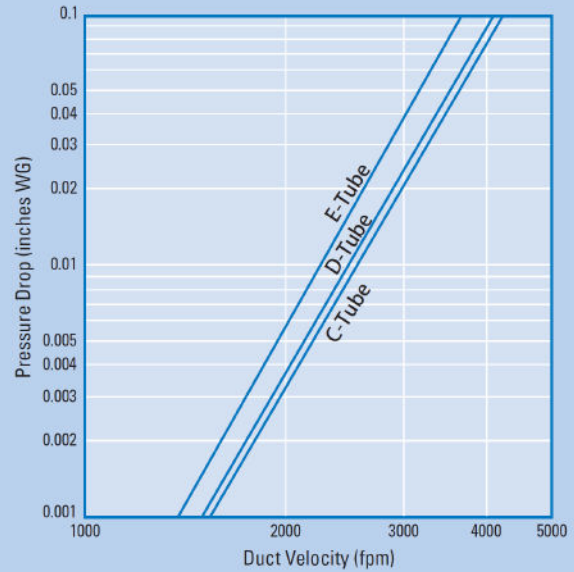


FIGURE 2: DIMENSIONS

