

Model 500F



The Air+ Model 500F is a five-tube ionizer that produces positive and negative ions to improve indoor air quality. The six-position Ion Control Knob allows for ion output between 50% and 100%. The unit may be either mounted on a metal supply duct or installed inside an HVAC unit. Using the pre-drilled flange and sheet metal screws, the Model 500F mounts into a duct cutout. A separate bracket or rack is required for mounting inside an HVAC unit. The Model 500F is available with either 120V or 240V AC power input. Power to the unit may be interlocked directly with the system fan or by using an air flow switch or pressure switch. A low voltage monitoring connection provides remote status indication of the Model 500F.

Air Flow Capacity:.....Up to 10,000 CFM

Pressure Drop:.....See Figure 1

Electrical:

Voltage:.....120V (501F) or 240V (502F)

Power Consumption:.....50 watts

Current Draw:.....0.3A (501F) or 0.15A (502F)

Frequency:.....50/60 hertz

External Fuse:.....1.0A

Field Connection:.....3/8" flexible metal conduit (BX) or SO Cord

Ionization Tube:

Number of Tubes:.....Five (5)

Material:.....Glass, stainless steel

Size:.....F-tube

Length:.....22 inches

Life:.....17,600* hours

Housing Material:.....22 Ga steel

Weight:.....18 pounds

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

*dependent on pollutant, filtration and tube maintenance

Dimensions:.....See Figure 2

Optional Accessory:.....Pressure Switch

Ordering Nomenclature:

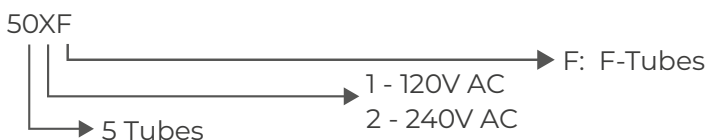


FIGURE 1: PRESSURE DROP VS. DUCT VELOCITY

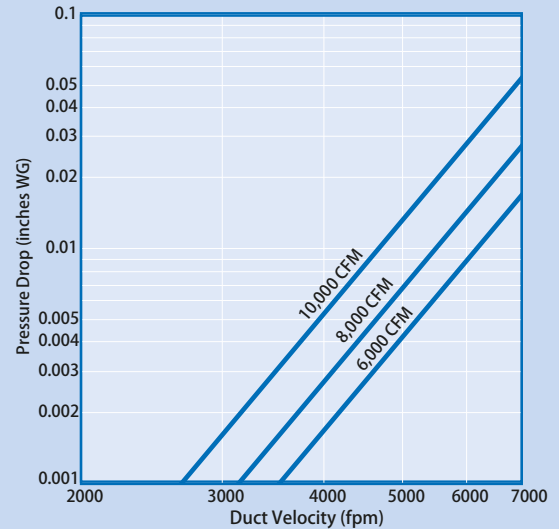
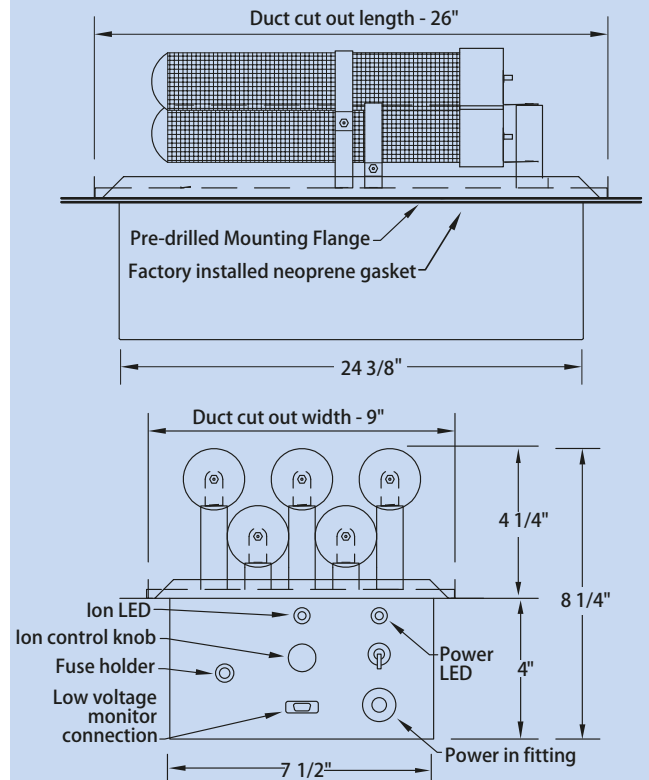


FIGURE 2: DIMENSIONS



NOT TO SCALE

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