

AtmosAir 500EC



APPLICATION

The AtmosAir 500EC ionization system is intended to be mounted in the supply duct or air handler of a heating, cooling, or ventilating system. The unit is intended to operate only when air flow is present, thus, power to the ionization unit should be interlocked with fan operation, or controlled via an air pressure switch. The size and number of ionization systems is dependant upon the airflow, size of the space, and severity of the pollution and odors. Ionization can be adjusted with a 5-step knob.

OPTIONAL ACCESSORIES

Air Pressure Switch; Mounting Bracket; Timer; Remote Monitoring Panel

SPECIFICATIONS

Air Flow Capacity.....up to 8,000 CFM*
 Pressure Drop.....minimum (see Fig. 1)
 Housing Material.....22-gauge powder-coated steel
 Weight.....15 pounds
 Maximum Operation Temperature.....200° F (60° C)

ELECTRICAL

Voltage.....115 or 230 VAC
 Frequency.....60 Hz
 Power Consumption.....40 watts
 Current Draw.....0.4-0.6 amps
 Internal Fuse.....1.0 amp
 Field Electrical Connection.....Junction Box

IONIZATION TUBE

Material.....Multi-core Composite, Stainless Steel
 Number.....Five (5)
 Size.....E (14")
 Tube Life.....17,600 Hours*

*dependant on conditions and annual tube cleaning

DIMENSIONS.....see Figure 2

APPROVALS

Underwriters Laboratories Inc. listed as plenum-rated per UL 1995, 867; file # 313742. Energy Star Certified.

FIGURE 1

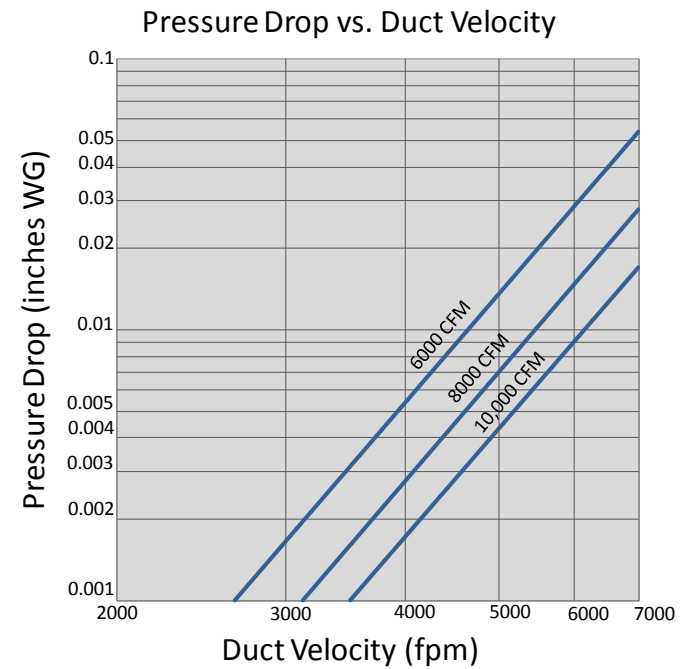


FIGURE 2

