**APPLICATION**

The AtmosAir 508FC 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 dependent 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; Remote Ion Switch; Remote indicator lights.

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**SPECIFICATIONS**

Air Flow Capacity…………………………..up to 15,000 CFM*
Pressure Drop…………………………..minimum (see Fig. 1)
Housing Material…………………..22-gauge powder-coated steel
Weight………………………………………..22.5 pounds
Maximum Operation Temperature…………………..200° F (60° C)

**ELECTRICAL**

Voltage………………………………………..115 or 240 VAC
Frequency……………………………………..60/50 Hz
Power Consumption…………………………..49 watts
Current Draw………………………………………..240 mA
Internal Fuse……………………………………..500 mA
Field Electrical Connection………………….Junction Box

**IONIZATION TUBE**

Material……………………Multi-core Composite, Stainless Steel
Number……………………………………....Eight (8)
Size………………………………………..F (21")
Tube Life……………………………………..17,600 Hours*

*dependent on conditions and annual tube maintenance.

**DIMENSIONS**

………………………..see Figure 2

**APPROVALS**

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

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**FIGURE 1**

Pressure Drop vs. Duct Velocity

**FIGURE 2**

Duct Cut-Out Length

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