

AtmosAir 508F



SPECIFICATIONS;

Air Flow Capacity.....up to 25,000 CMH
 Pressure Drop.....(see Fig. 1)
 Housing Material.....22-gauge powder-coated steel
 Weight.....10.2 kg.
 Maximum Operation Temperature.....71° C

ELECTRICAL;

Voltage.....110 to 250 VAC
 Frequency.....60/50 Hz
 Power Consumption.....55 Watts
 Current Draw.....240 mA
 Internal Fuse.....0.5 Amp
 Field Electrical Connection;....Nema 5-15 plug or 3 wire to Junction Box

IONIZATION TUBES;

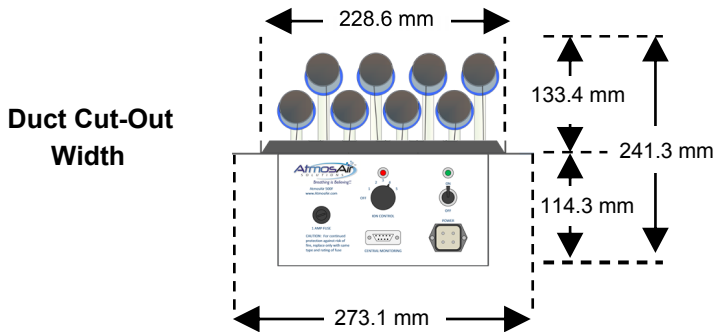
Material.....Multi-Core Composite, Stainless Steel
 Number.....Eight (8)
 Size.....F Size = 555mm
 Tube Life.....2 Years or 17,600 Hours

DIMENSIONS;

APPROVALS;

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

FIGURE 2



APPLICATION;

The AtmosAir 508F ionization system is intended to be mounted in the supply air duct or air handling system of a heating, cooling or ventilation system. The unit is intended to produce bi-polar ions when airflow is delivered over the ion tubes. Power to the unit can be controlled with an optional air pressure differential switch or interlocked with HVAC fan operation, provided the power delivered to the unit does not exceed it's rated voltage. Ionization intensity can be adjusted with a 5 step knob on the unit. Power to the unit can be turned off at the unit or a quick disconnect at the power cord.

OPTIONAL ACCESSORIES;

Air Pressure Switch; Mounting Bracket; Timer; Remote Monitoring Panel; Remote Ion Switch and Indicator Light; Remote Indicator light Only. IP66

FIGURE I

| Flowrate (CMH) | Pascals |
|--|---------|
| 13,600 | 3.20 |
| 17,000 | 3.50 |
| 25,000 | 7.40 |
| Pressure Drop @ 20 ⁰ C, Density of Air = 1.225kg/m ³ | |

Duct Cut-Out Length

