

ATMOSAIR 500E

PRODUCT SUBMITTAL



ATMOSAIR 500E

SPECIFICATIONS

Air Flow Capacity.....up to 8000 cfm
 Pressure Drop.....See Figure 1
 Housing Material.....22 Gauge Stainless Steel
 Weight.....15 Pounds
 Maximum Operating Temperature.....200° F (60° C)

ELECTRICAL

Voltage.....115 or 230 VAC
 Power Consumption.....40 Watts
 Current Draw.....0.6 Amps
 Frequency.....60 Hertz
 Internal Fuse.....1.0 Amp
 Field Electrical Connection.....Junction Box

IONIZATION TUBE

Material.....Glass, Stainless Steel
 Number of Tubes.....Five (5)
 Size.....E (14")
 Tube Life.....8800 Hours

DIMENSIONS.....See Figure 2

APPROVALS

Underwriters Laboratories Inc listed as plenum rated per UL 2043 file #313742. Energy Star Certified

APPLICATION

The AtmosAir 500E in duct ionization system is intended to be mounted in the supply air duct of a heating, cooling or ventilating system. A mounting bracket is included. Access to the unit's control panel is provided. The unit is intended to operate only when air-flow is present. Power to the ionization unit should be interlocked with fan operation or controlled via an air pressure switch. The contractor will calibrate the ionization setting to attain ion level readings of between 500 and 1,500 -ions/cm3.

OPTIONAL ACCESSORY

Air Pressure Switch

Figure 1 PRESSURE DROP VS. DUCT VELOCITY

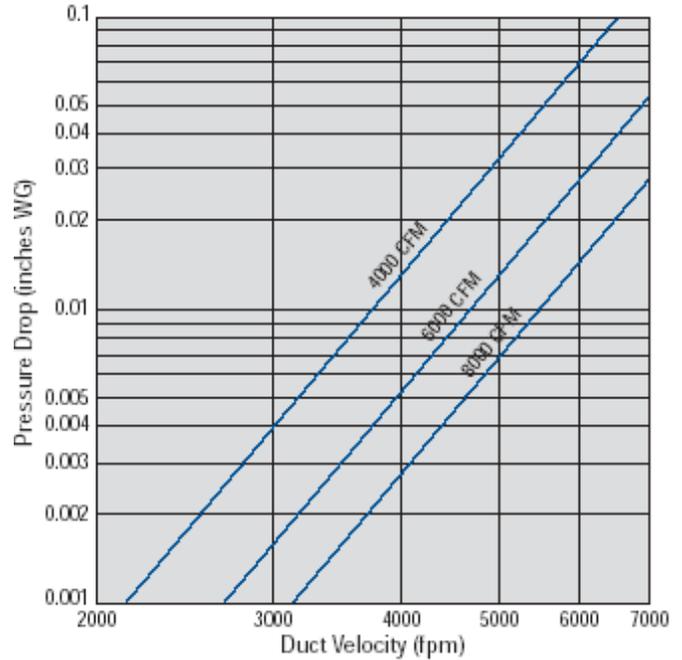
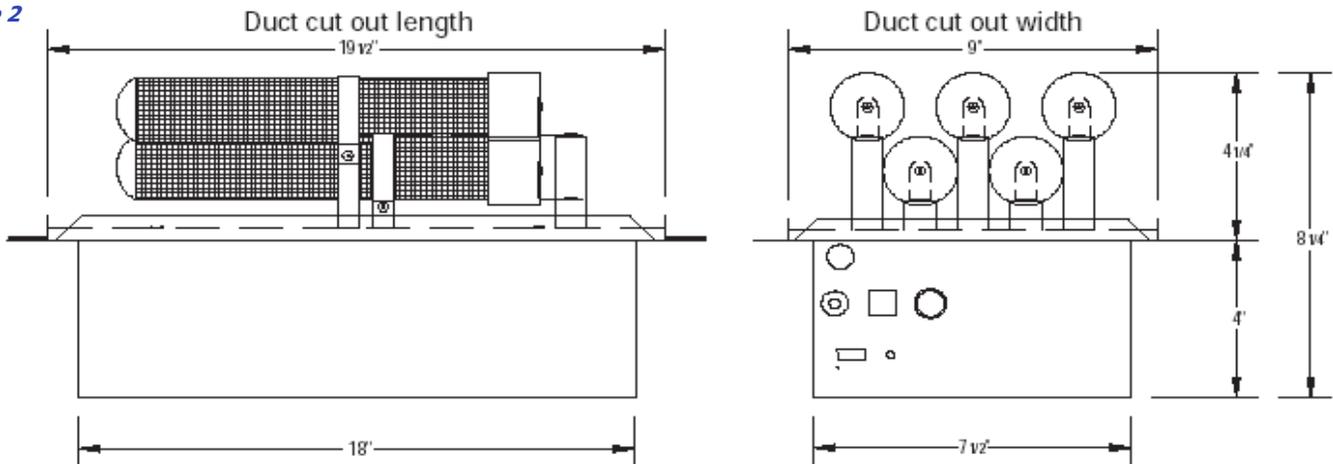


Figure 2



Drawings not to scale

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www.atmosair.com

Offered By Clean Air Group Inc.