

# ATMOSAIR D100

# PRODUCT SUBMITTAL



**ATMOSAIR D100**

## SPECIFICATIONS

Air Flow Capacity.....up to 3500 cfm  
 Pressure Drop.....See Figure 1  
 Housing Material.....22 Gauge Stainless Steel  
 Weight.....5 Pounds  
 Maximum Operating Temperature.....200° F (60° C)

### ELECTRICAL

Voltage.....115 or 230 VAC  
 Power Consumption.....5 Watts  
 Current Draw.....0.2 Amps  
 Frequency.....60 Hertz  
 Internal Fuse.....1.0 Amp  
 Field Electrical Connection.....NEMA 15 Receptacle

### IONIZATION TUBE

Material.....Glass, Stainless Steel  
 Number of Tubes.....One (1)  
 Size.....C (7") D (9.5") E (14") F (21")  
 Tube Life.....8800 Hours

DIMENSIONS.....See Figure 2

### APPROVALS

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

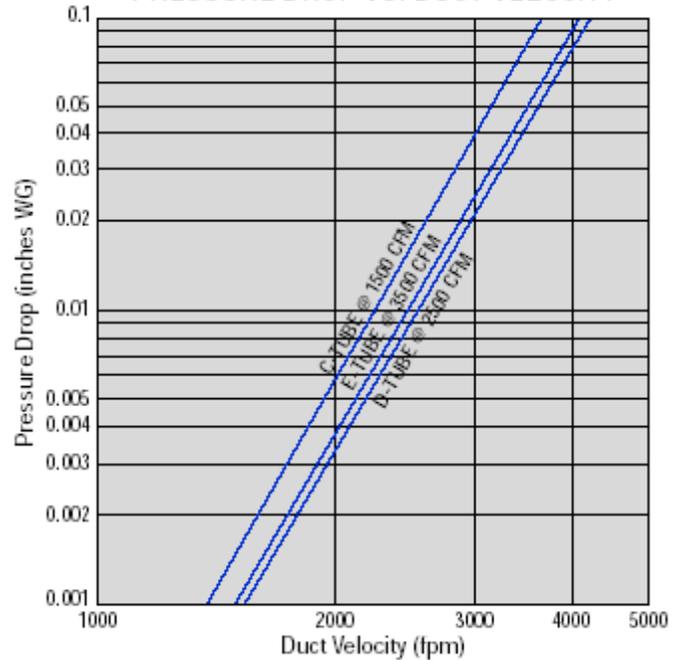
## APPLICATION

The AtmosAir D100 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 airflow 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.

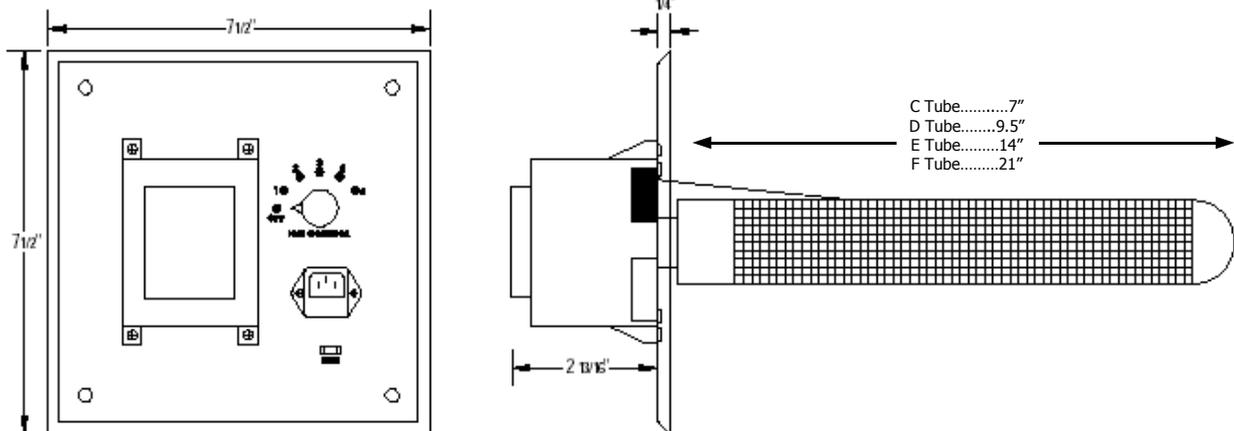
## OPTIONAL ACCESSORY

Air Pressure Switch

**Figure 1** PRESSURE DROP VS. DUCT VELOCITY



**Figure 2**



Drawings not to scale