

AtmosAir FC400



APPLICATION

The AtmosAir FC400 ionization system is intended to be mounted in the supply discharge in smaller air handling systems such as fan coil, heat pump and other unitary type systems. The system can be integrated on an OEM basis or a retrofit package is also provided. The unit will be calibrated at the factory per AtmosAir recommendations to attain ion level readings of between 350 and 1,500 -ions/cm³.

SPECIFICATIONS

Air Flow Capacity.....up to 1400CFM
 Pressure Drop.....Minimal (see Fig. 1)
 Housing Material.....ABS UL94-V0
 Weight.....0.70 pounds (0.32 Kg)
 Maximum Operation Temperature.....150° F (65.5° C)

ELECTRICAL

Voltage.....12 VAC
 Frequency.....50/60 Hz
 Power Consumption.....5 watts
 Current Draw.....0.1 amps
 Internal Fuse.....N/A
 Field Electrical Connection.....110V/220V Receptacle

IONIZATION TUBE

Material..... Multi-Core Composite, Stainless Steel
 Number.....One (1)
 Size......B (3") (7.62 cm)
 Tube Life.....17,600 Hours (2 Years)
 Options: Air Switch, universal stainless steel mounting bracket

DIMENSIONS.....see Figure 2

APPROVALS

Underwriters Laboratories Inc. Power Supply per UL 60950
 ROHS Compliant CSA222.2

FIGURE 2

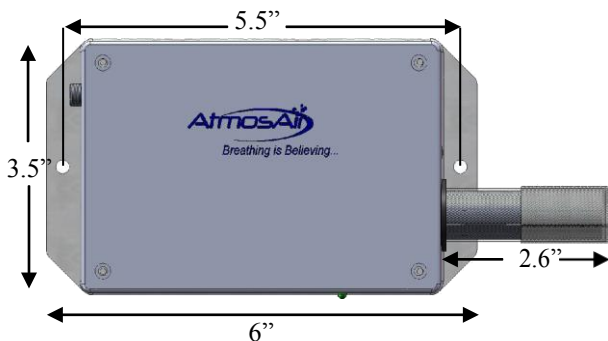


FIGURE 1

Pressure Drop vs. Duct Velocity

