**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/cm$^3$.

**SPECIFICATIONS**

- **Air Flow Capacity**: up to 1,400 CFM
- **Pressure Drop**: minimum (see Fig. 1)
- **Housing Material**: ABS UL 94-VO
- **Weight**: 0.70 pounds
- **Maximum Operation Temperature**: 150° F (65° C)

**ELECTRICAL**

- **Voltage**: 12 VAC
- **Frequency**: 50/60 Hz 1 phase
- **Power Consumption**: 5 Watts
- **Current Draw**: 0.019 amps
- **Internal Fuse**: n/a
- **Field Electrical Connection**: 110/250v Receptacle

**IONIZATION TUBE**

- **Material**: Multi Core Composite
- **Number**: One (1)
- **Size**: B (3") (7.62 cm)
- **Tube Life**: 17,600 hrs
  *dependent on conditions and annual tube cleaning

**DIMENSIONS**

- **see Figure 2**

**APPROVALS**

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

**FIGURE 1**

*Pressure Drop vs. Duct Velocity*

**FIGURE 2**

*Indicator Light*

1.6"

3.5"

5.5"