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/cm$^3$.

SPECIFICATIONS
- **Air Flow Capacity**: up to 1,400 CFM
- **Pressure Drop**: < 5 Pascals (see Fig. 1)
- **Housing Material**: ABS UL94-V0
- **Weight**: 70 pounds
- **Maximum Operation Temperature**: 150° F (65.5° C)

**ELECTRICAL**
- **Internal Voltage**: 12 VAC
- **Frequency**: 50/60 Hz
- **Power Consumption**: 5 watts
- **Current Draw**: 0.034 Amps
- **Internal Fuse**: 1 Amp
- **Field Electrical Connection**: 110V/270V Auto-Selecting

**IONIZATION TUBE**
- **Material**: MCG; Glass, Stainless Steel
- **Number**: One (1)
- **Size**: B (3”)
- **Tube Life**: 17,600 Hours
- **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 1**
Pressure Drop vs. Duct Velocity

**FIGURE 2**
Dimensions: 5.5” (140mm) x 3.5” (89mm) x 6” (152.5mm)

Control Knob

d Internal Fuse

Ionization Tube

Indicator Light

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