

# PRODUCT SUBMITTAL

## 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<sup>3</sup>.

**Options:** Air Switch; 6' (2.8m) two wire field wiring kit; IP66; \*24VAC to 12VDC Mini Transformer (See separate submittal for more information.)

### SPECIFICATIONS

#### General Product Information

Air Flow Capacity	Up to 1400 CFM (2379 CMH)
Pressure Drop	0.0016 Inches WG (0.41 Pascals)
Housing Material	ABS (UL94-V0)
Weight	0.70 lbs (0.317 kg)
Max Operation Temp.	150 °F (65.5 °C)

#### Electrical

Rated Voltage	110 – 250 VAC (Auto-Switching)
Frequency	50/60 Hz
Internal Voltage	12VDC *
Power Consumption	7.68 Watts
Current Draw	500 mA
Internal Fuse	1.0 Amp FST Glass 5mm x 20mm
Field Electrical Connection	110 – 250 VAC (2-Wire)

#### Ionization Tube Specs (MCG)

Material	Glass, Stainless Steel
Max Quantity	One (1)
Size	B – 3" (7.62cm)
Estimated Tube Life	2 years or 17,600 Hours

#### Approvals

Underwriters Laboratories Inc. Power Supply per UL 60950 ROHS Compliant CSA222.2 UL94-V0 flammability

Figure 2

