

PRODUCT SUBMITTAL

FC-400



APPLICATION

The AtmosAir FC-400 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.

Options/Available:

- Air Switch
- 6' (2.8m) Two Wire Field Wiring Kit
- IP66
- *24 VAC to 12 VDC Mini Transformer (See separate submittal for more information)

SPECIFICATIONS

General Product Information

Air Flow Capacity	Up to 1,400 CFM
Pressure Drop	0.04mm (0.0016") WG (0.41 Pascals)
Housing Material	ABS (UL94-V0)
Weight	0.32 kg (0.70 lbs)
Max Operation Temp.	54.4 °C (130 °F)

Electrical

Rated Voltage	24 VAC* or 100-250 VAC (Auto-Switch) 2nd Line is Optional; Must Order
Frequency	50/60 Hz
Internal Voltage	12 VDC *
Power Consumption	7.68 Watts
Current Draw	0.5 Amps (500 mA)
Fuse	T 1000mA Glass 5mm x 20mm
Field Electrical Connection	24 VAC* or 100-250 VAC (Auto Switch)

Ionization Tube Specs (MCG)

Material	Glass, Stainless Steel
Max Quantity	One (1)
Size	B (76.2mm) (3")
Estimated Tube Life	17,600 Hours (Two Years)

Approvals

CE and Intertek ETL to UL Standards: 2998, 1995, 867, 867A; CSA 22.2 Zero Ozone Emissions, Heating & Cooling Equipment, Electrostatic Air Cleaners, Commercial/Industrial Indoor Air Quality Systems.

Figure 2

