

PRODUCT SUBMITTAL

FC-400FM



APPLICATION

The AtmosAir FC-400FM 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

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) |
| 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 (69.85mm) (2.75") |
| Estimated Tube Life | 17,600 Hours (Two Years) |

Approvals

CE, UKCA 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.

Figure 2

