

# PRODUCT SUBMITTAL

## FC-102

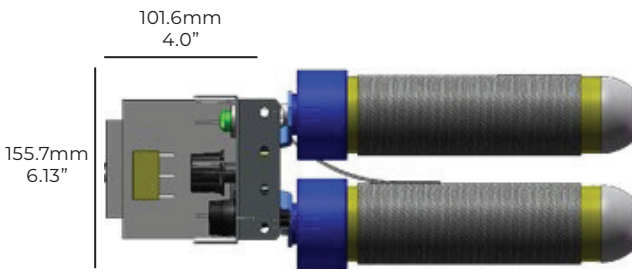


### APPLICATION

The AtmosAir FC-102 ionization system is intended to be mounted in the supply discharge in smaller air handling systems such as fan coils, heat pumps, RTU's, and other unitary type systems.

The system can be integrated on an OEM basis, or a retrofit package is also available. The unit will be calibrated at the factory per AtmosAir recommendations or the contractor will calibrate the ionization setting to attain adequate ion level readings in the space.

Figure 1



C Tube 289.06mm (11.38")  
 D Tube 355.60mm (14.0")  
 E Tube 466.85mm (18.38")  
 F Tube 670.05mm (26.38")

### SPECIFICATIONS

#### General Product Information

Air Flow Rating	Up to 5,000 CFM
Pressure Drop	Minimal
Housing Material	22 Gauge Stainless Steel w/ Integral Universal Mounting Bracket
Weight	2.04 kg (4.50 lbs)
Max Operation Temp.	65.6°C (150°F)

#### Electrical

Voltage	120 or 240 VAC
Frequency	50/60 Hz
Power Consumption	6 Watts
Current Draw	0.4 Amps (400 mA)
Fuse	1.25 Amp 120 VAC   1.0 Amp 240 VAC
Field Electrical Connection	Junction Box Integrated into AHU

#### Ionization Tube

Material	Multi-Core Composite
Quantity	Two (2)
Size	C (177.8mm) (7") D (243.8mm) (9.6") E (355.6mm) (14") F (558.8mm) (22")
Estimated Tube Life	17,600 Hours (Two Years)

Options  
 Air Switch, 6.35mm (0.25") Four Point Mount Bracket: Horizontal, 'S' Clip for F Tube Stabilization

#### Approvals

CE and UKCA

Figure 2

