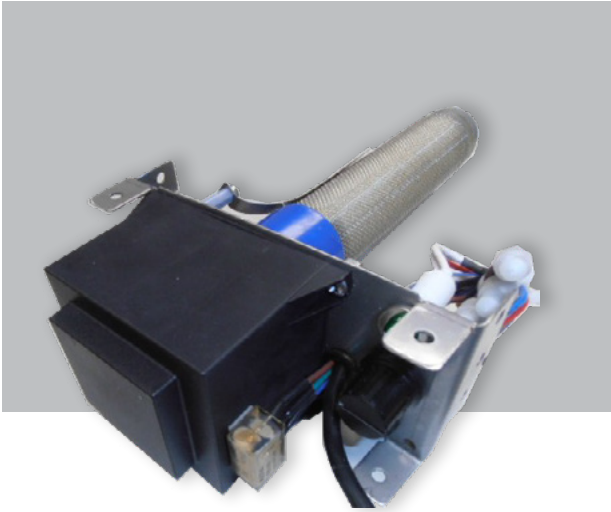


# PRODUCT SUBMITTAL

## FC100



### APPLICATION

The AtmosAir FC100 ionization system is intended to be mounted in the supply discharge in smaller air handling systems such as fan coils, heat pumps and other unitary type systems. The system can be integrated on an OEM basis, or a retrofit package is also available. Access to the unit's control panel is provided. The unit will be calibrated at the factory per AtmosAir recommendations or the contractor will calibrate the ionization setting to attain ion level readings of between 350 and 1,500 negative ions/cm<sup>3</sup> in the space.

Figure 1

Duct Size (Inches)	Pressure Drop (Pa) for various CFM		
	250	500	1000
36 x 36	0	0	0
24 x 24	0	0	0
18 x 18	0	10	10
16 x 16	10	10	20
12 x 12	80	160	810

### SPECIFICATIONS

#### General Product Information

Air Flow Rating	Up to 2400CFM
Pressure Drop	Minimal (see Fig. 1)
Housing Material	22 Gauge Stainless Steel w/ integral universal mounting bracket.
Weight	4.25 pounds
Max Operation Temp.	150° F (65.5° C)

#### Electrical

Voltage	115 or 240 VAC
Frequency	50/60 Hz
Power Consumption	5 watts
Current Draw	0.2 Amps
Internal Fuse	1.25 Amp
Field Electrical Connection	Integrated into AHU

#### Ionization Tube

Material	Multi-Core Composite
Number	One (1)
Size	C(8") D (10") E (15")
Tube Life	17,600 Hours
Options	Air Switch, China Standard Plug Available

#### Dimensions

See Figure 2

#### Approvals

ETL [UL 1995:2015 Ed.5] [CSA C22.2#236:2015 Ed.5]  
[UL 867:2011 Ed.5 +R:07Aug2018] [UL SUBJECT 867A:2014 Ed.1]

Figure 2

