



# PRODUCT SUBMITTAL

## AtmosAir FC400 FM (Flush Mount)



### APPLICATION

The AtmosAir FC400FM (flush mount) ionization system is intended to be flush mounted in the supply discharge in smaller air handling systems such as fan coil, heat pump and other unitary type systems.

**OPTIONS;** Air switch, 6' (2.8m) two wire field wiring kit, IP66

**FIGURE 1**

### SPECIFICATIONS

Air Flow Capacity.....up to 1400 CFM  
 Pressure Drop.....(see Fig. 1)  
 Housing Material.....ABS UL94-V0  
 Weight......70 pounds (.317kg.)  
 Maximum Operation Temperature.....150° F (65.5° C)

### ELECTRICAL

Voltage.....110-250VAC auto-switching transformer  
 Frequency.....50/60 Hz  
 Power Consumption.....7.68 watts  
 Current Draw.....0.040 Amps  
 Internal Fuse..... 1 Amp  
 Electrical Connector 6' (2.8m) 2-wire field cordset or Nema 5-15 plug

### IONIZATION TUBE

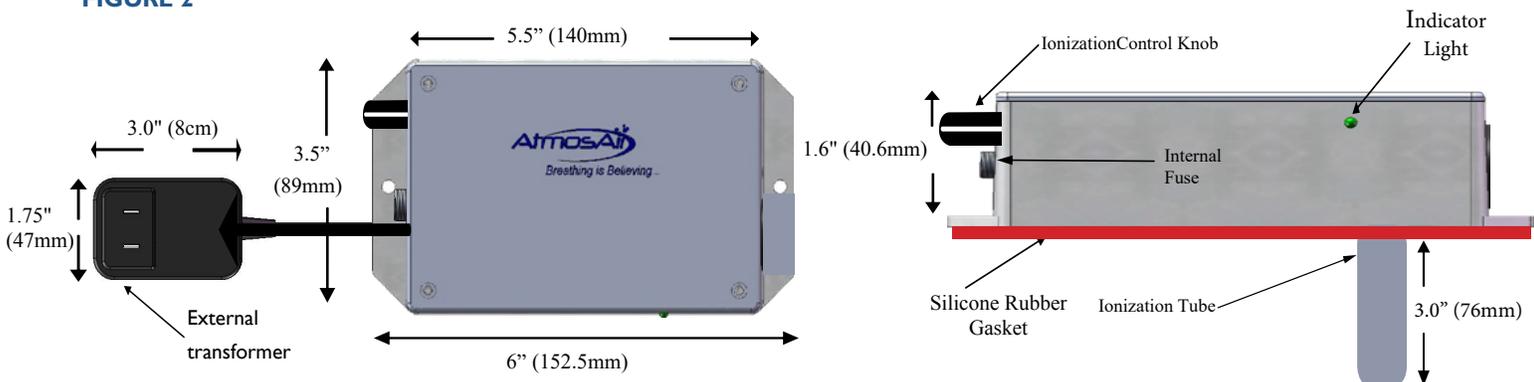
Material.....Multi-core- Glass, Stainless Steel  
 Number.....One (1)  
 Size.....B size 3" (7.62cm)  
 Tube Life.....2 years or 17,600 Hours  
 Options: Air Switch

**DIMENSIONS**.....see Figure 2

### APPROVALS

Underwriters Laboratories Inc. Power Supply per UL 60950 ROHS  
 Compliant CSA222.2 UL 94-V0 flamability.

**FIGURE 2**



Duct Size (Inches)	Duct Size (mm)	Pressure Drop (Pascal)	
		1400 (CFM)	2378.6 CMH
18 x 18	457.2 x 457.2	0.00004	0.00004

Pressure Drop @ 20°C, Density of Air = 1.225kg/m<sup>3</sup>