PRODUCT SUBMITTAL





APPLICATION

The AtmosAir 500FC ionization system is intended to be mounted in the supply air duct or air handling system of a heating, cooling or ventilation system. The unit is intended to produce bi-polar ions when airflow is delivered over the ion tubes. Power to the unit can be controlled with an optional air pressure differential switch or interlocked with HVAC fan operation, provided the power delivered to the unit does not exceed it's rated voltage. Ionization intensity can be adjusted with a 5 step knob on the unit. Power to the unit can be turned off at the unit or a quick disconnect at the power cord.

Optional Accessories: Air Pressure Switch; Mounting Bracket; Timer; Remote Monitoring Panel; Remote Ion Switch and Indicator Light; Remote Indicator light Only; IP66. SPECIFICATIONS

General Product Information				
Figure 1				
SOOFC	Flowrate (CFM)	Inches WG	Pascal (Pa)	
	10,000	10.2 x 10 ⁻³	2.55	
Air Flow Capacity		Up to 10,0	Up to 10,000 CFM	
Pressure Drop		See Figure	See Figure 1	
Housing Material		22 gauge	22 gauge powder-coated steel	
Weight		18 lbs (8.16	18 lbs (8.16 kg.)	
Max Operation Temp.		160° F (71°	160° F (71° C)	
Elec	trical			
Rated Voltage		110 to 250	110 to 250 VAC	
Frequency		50/60 Hz	50/60 Hz	
Power Consumption		52 Watts	52 Watts	
Current Draw		0.230 Amp	0.230 Amps	
Internal Fuse		500mA FS	500mA FST Glass 5mm x 20mm	
Field Electrical Connection		on Nema 5-15	Nema 5-15 plug or 3 wire to Junction Box	
Ioniz	zation Tube			
Material		Mono-Cor	Mono-Core Composite, Stainless Steel	
Max Quantity		Five (5)	Five (5)	
Size		F size = 22	F size = 22" (558mm)	
Estimated Tube Life		2 Years or	2 Years or 17,600 Hours	
Approvals				

Approvals

Underwriters Laboratories Inc. listed as plenum-rated per UL 1995, 867; file # 313742. Energy Star Certified.

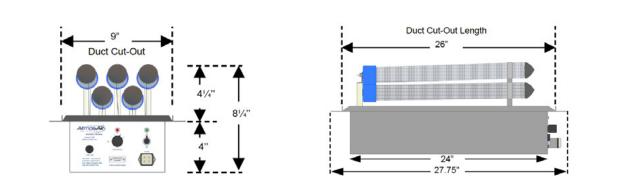


Figure 2

418 Meadow Street. Suite 204 Fairfield, CT 06824 | 2115 East Cedar Street, Suite 6 Tempe, AZ 85281 P 203-338-3700 (CT) / 203-364-8424 (AZ) | F 203.338.1078 | AtmosAir.com