

508FC

Application:

The AtmosAir 508FC 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 its 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. Standard systems are IP54 rated.

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				Air Flow Capacity	Up to 15,000 CFM
Figure I				Pressure Drop	See Figure I
508FC	Flowrate (CFM)	Inches WVG	Pascal (Pa)	Housing Material	22 gauge powder-coated steel
	15,000	29.7 x 10 ⁻³	7.40	Weight	22.5 lbs (10.2 kg.)
	Electrical		Max Operation Temp.	160° F (71° C)	
	Rated Voltage	110 to 250 VAC			
		Frequency	50/60 Hz		
		Power Consumption	55 Watts		
		Current Draw	0.240 Amps		
		Internal Fuse	500mA FST Glass 5mm x 20mm		
		Field Electrical Connection	Nema 5-15 plug or 3 wire to Junction Box		
Ionization Tube				Material	Mono-Core Composite, Stainless Steel
				Max Quantity	Eight (8)
				Size	F size = 22" (559mm)
				Estimated Tube Life	2 Years or 17,600 Hours
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

