PRODUCT SUBMITTAL SGMH-880





APPLICATION

The Matterhorn 880 ionization system is intended to be mounted in the supply duct or air handler of a heating, cooling, or ventilating system. The unit is intended to operate only when air ow is present, thus, power to the ionization unit should be interlocked with fan operation, or controlled via an air pressure switch. The size and number of ionization systems is dependent upon the air ow, size of the space, and severity of the pollution and odors. Ionization can be adjusted with a knob.

Optional/Available:

- · Air Switch
- Mounting Bracket
- Timer
- Remote Monitoring Panel

Figure 1

	Tube Size	Tube Number	Flowrate (CMH)	mm of WG	Pascals Pa	Steady State mA
M-880	С	(1)	1,700	0.0102mm	0.01	34.00
	D	(1)	2,550	0.10156mm	1.00	35.00
	E	(1)	3,400	0.10156mm	1.00	35.00
	F	(1)	4,250	0.3048mm	2.99	37.00

SPECIFICATIONS

General Product Informati	on		
Air Flow Rating	Up to 4,250 CMH		
Pressure Drop	Minimal		
Housing Material	Flame-Rated, High Impact ABS		
Weight	2.72 kg		
Max Operation Temp.	65.6°C		
Electrical			
Rated Voltage	220 or 250 VAC		
Frequency	50/60 Hz		
Power Consumption	5 Watts		
Current Draw	0.2 Amps		
Fuse	1.25 Amp 220 VAC 1.0 Amp 250 VAC		
Field Electrical Connection	Field Electrical Connection; 3-Wire to Jct. Box or Country Specific Cord-Set		
Ionization Tube			
Material	Multi-Core Composite		
Max Quantity	One (1)		
Compatible Tube Sizes	C (177.8mm) D (243.8mm) E (355.6mm) F (558.8mm)		
Estimated Tube Life	17,600 Hours (Two Years)		
Dimensions	See Figure 2 for more details		
Approvals			

CE and Intertek ETL to UL Standards: 2998, 1995, 867, 867A; CSA 22.2 Zero Ozone Emissions, Heating & Cooling Equipment, Electrostatic Air Cleaners, Commercial/Industrial Indoor Air Quality Systems.

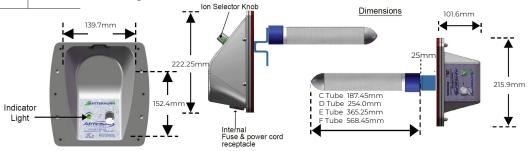


Figure 2