## PRODUCT SUBMITTAL Matterhorn 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 flow 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 airflow, size of the space, and severity of the pollution and odors. Ionization can be adjusted with a knob.

## Optional/Available:

- Air Switch
- Mounting Bracket
- · Remote Monitoring Panel

Figure 1

	Tube Size	Tube Number	Flowrate (CFM)	mm/inch of WG	Pascals Pa	Steady State mA
M-880	С	(1)	1,000	0.0102mm 0.0004"	0.01	34.00
	D	(1)	1,500	0.10156mm 0.0040"	1.00	35.00
	E	(1)	2,000	0.10156mm 0.0040"	1.00	35.00
	F	(1)	2,500	0.3048mm 0.0120"	2.99	37.00

## **SPECIFICATIONS**

General Product Informati	on		
Air Flow Rating	Up to 2,500 CFM		
Pressure Drop	Minimal		
Housing Material	Flame-Rated, High Impact ABS		
Weight	2.72 kg (6.0 lbs)		
Max Operation Temp.	65.6°C (150°F)		
Electrical			
Rated Voltage	240 VAC		
Frequency	50/60 Hz		
Power Consumption	5 Watts		
Current Draw	0.2 Amps (200 mA)		
Fuse	1.25 Amp 220 VAC   1.0 Amp 250 VAC		
Field Electrical Connection	Wire to Junction Box or Country Specific Cord-Set		
Ionization Tube			
Material	Multi-Core Composite		
Quantity	Up to Two (2)		
Compatible Tube Sizes	C (177.8mm) (7") D (243.8mm) (9.6") E (355.6mm) (14") F (558.8mm) (22")		
Estimated Tube Life	17,600 Hours (Two Years)		
Dimensions	See Figure 2 for more details		
Approvals			

CE, UKCA 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.

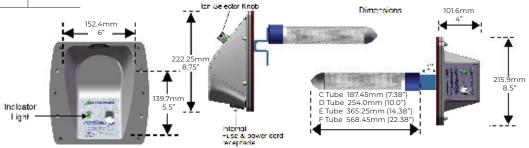


Figure 2