

AerBRUSH - Submittal and IOM

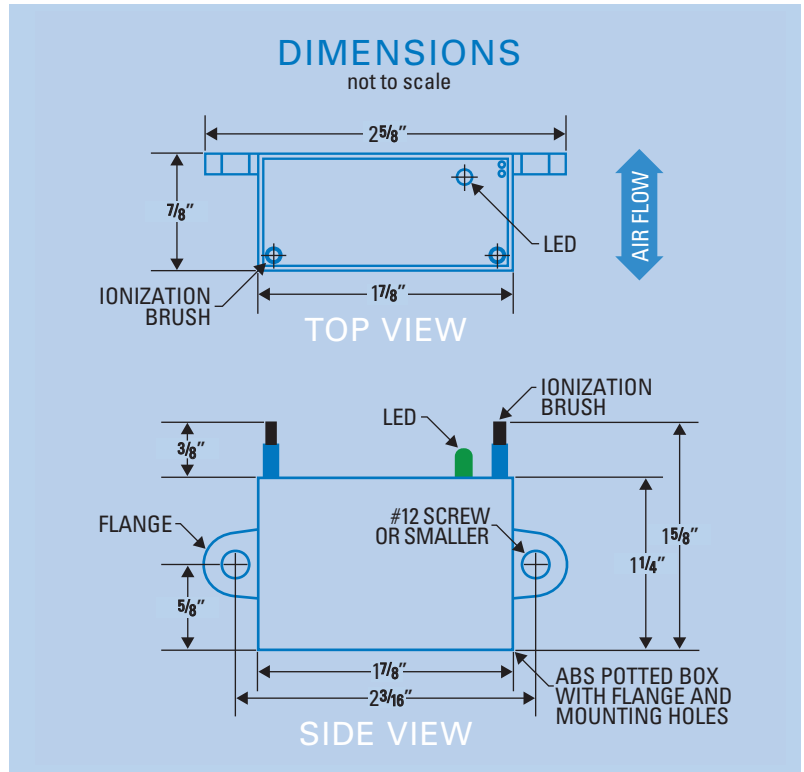


The Aerisa AerBRUSH is a needle point brush type ionizer designed for almost any fan application including Roof Top Units, Air Handling Units, FCUs, PTACs, Heat Pumps, and even ductless split systems. It is designed to be mounted at the fan inlet through which air is being drawn. The ionizer is self-contained in a potted ABS box with molded flange mounting holes. The AerBRUSH can be powered with 12V DC, 24V AC, 120V AC and 230V AC without the use of an external power supply device or transformer. The AerBRUSH is capable of treating 2,400 CFM and is protected with a 500 mA glass cartridge fuse.

Maximum Treated Airflow:	2,400 CFM
Pressure Drop:	Negligible
Housing Material:	ABS Plastic
Weight:	2 Ounces
Maximum Operating Temperature:	200°F (93°C)
Electrical:	
Voltage Input:	12V DC (-01)
	24V AC (-02)
	120V AC (-03)
	230V AC (-04)
Power Consumption:	1 watt
Frequency:	50/60 hertz
Over Current Protection:	500 mA In-Line Fuse
Mode of Operation:	
Needle Configuration:	Brush Type

How to Order:

AerBRUSH-01	
	1 = 12V DC
	2 = 24V AC
	3 = 120V AC
	4 = 230V AC
	Revision number



INSTALLATION INSTRUCTIONS

1. Mount the unit at the fan inlet using the holes in the mounting flange per the figure above, insuring the airstream blows over the 2 brushes simultaneously.
2. The unit should be mounted downstream of the filter.
3. Connect the appropriate power per the following:
 - a. Red = Hot, Black = Neutral for 24V, 120V and 230V AC power
 - b. Red = Positive (+), Black = Negative (-) for 12V DC power
4. For 120V and 230V power input models, the installer shall provide a grounding method per the local AHJ.
5. When power is activated, the green LED light will illuminate indicating that the ionizer is functioning properly.