Product Data Sheet

FM-6000

VALIDATED
ZERO OZONE EMISSIONS - MEASURED OZONE EMSSIONS FROM AIR+ FM-6000 DURING USE PHASE DOES NOT EXCEED 0.005 PPM AS TESTED BY UL 867
UL.COM/ECV

The Air+ FM-6000 is a compact, self-cleaning, needlepoint ionizer producing billions of positive and negative ions that address pollutants by agglomerating particles, neutralizing odors and VOCs, and deactivating bacteria and viruses. The self-cleaning feature removes dust and dirt from the needle point emitters eliminating any ongoing maintenance. The FM-6000 mounts at the fan inlet of any air handling unit such as RTUs, mini-splits, fan coil units, PTACs, and VRF systems with pre-installed magnets or screwing through the mounting tabs. The FM-6000 is UL 2998 validated for zero ozone emissions.

Air Flow Capacity:	Up to 6,000 CFM
Pressure Drop:	Negligible
Enclosure Material:	PC/ABS blend
Weight:	5 oz
Outer Dimension:	4 ¼" X 3 ½" X 1"
Operating Temperature:	0°F - 158°F
Operating Humidity:	20% - 93% non-condensing

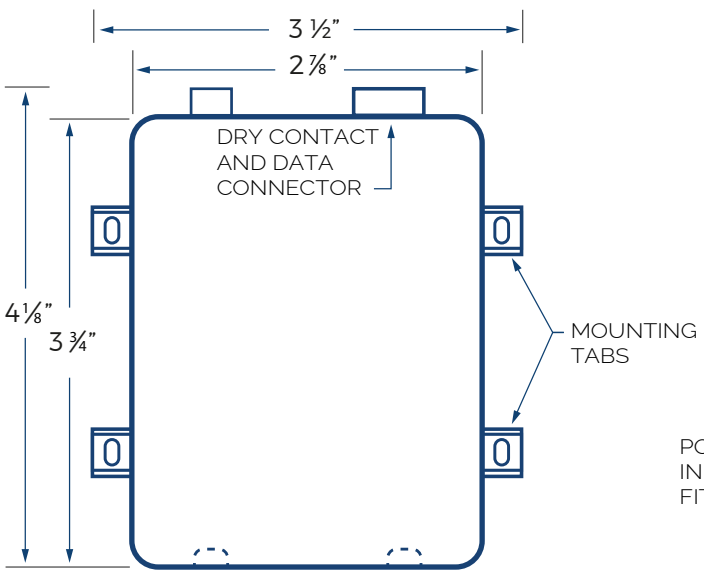
Electrical:

Input Voltage:	12V or 24V AC/DC +/- 10%
input Current:	0.2 Amps
Frequency:	50/60 Hertz
Ionization Output:	10^{12} Ions/sec
Ozone Output:	Less than 0.005 ppm

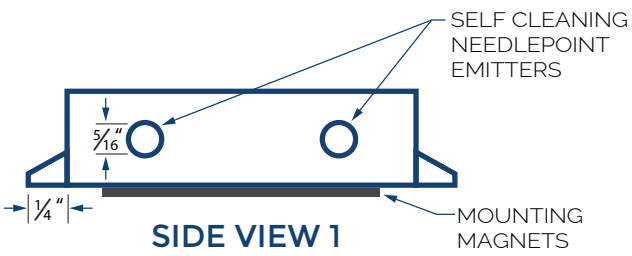
EMI:	Below background levels
Emitter Cleaning:	Self-cleaning
Cleaning Frequency:	Once/day and on start-up
Emitter Points:	Tungsten
Mode of Operation:	Needlepoint Type
LED Indicator:	Green: power on; Orange: operation
Connector Output:	Dry Contact, Pins 1,4 NC Dry Contact, Pins 2,4 NO Data Export, Pins 5,6
Dimensions:	See Figure 1
Certifications:	UL 867, UL 2998, UL 2043, CSA C22.2 #187, RoHS-2 compliant

Unit is equipped with 4'-0" (L) 2 wire, power leads

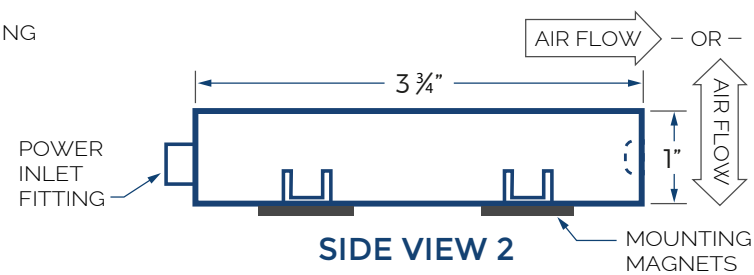
FIGURE 1 - DIMENSIONS



TOP VIEW



SIDE VIEW 1



SIDE VIEW 2

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