

PRODUCT SUBMITTAL

Ion Detector



APPLICATION

The Ion Detector is designed for use with Bioclimatic ActiveOx generators such as rail and duct mount ionizers to detect ion output from 750,000 ions/cc.

The Ion Detector features LED to indicate satisfactory ion density and a dry contact closure for BMS connection.

Dry contact BMS relay will be closed when detection level is equal or above minimum sensing range of Ion Detector.

SPECIFICATIONS

General Product Information

Ion Output	750,000 ions/cc
Mounting Box	ABC Plastic (UL-VO)
Antenna Material	Stainless Steel
Weight	263g (0.58 lbs)

Technical Information

Temperature Range	-18°C to 77°C (0°F to 170°F)
Humidity Range	0-99%, non-condensing
Positive Ion Range	1.2×10^3 to 2.8×10^6 ions/cc
Negative Ion Range	7.6×10^3 to 2.4×10^6 ions/cc

Electrical

Rated Voltage	12 VDC
Frequency	50/60 Hz
Power Consumption	0.9 Watts

Dimensions

Mounting Box	107.95mm L x 107.95mm W x 63.5mm H (4.25" L x 4.25" W x 2.5" H)
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