

PRODUCT SUBMITTAL

Bioclimatic ActiveOx™ D



APPLICATION

The Bioclimatic ActiveOx™ duct mount generator is a Bi-polar ionization device. The generators produce synchronized bipolar ionization of an air stream whose flow is perpendicular to the axis of the emitter pair. Thus, depending upon the volume of air, chemical and biological content, ionization is factory pre-set to CFM airflow rating by means of local control to affect density sufficient to produce the desired volumetric air purification.

Externally, the duct mount generator includes ionization modules, control switch, indicator LED, and BMS port. Operational status of each ionizer output is continuously monitored and reportable to BMS..

Power to the generator can be controlled using “ON/OFF” switch on the front panel of the duct mount. Illuminated green light indicates the generator is operating.

SPECIFICATIONS

General Product Information

| | |
|---------------------|----------------------------------|
| Air Flow Rating | Up to 4,800 CFM |
| Pressure Drop | Negligible |
| Housing Material | Aluminum; galvanized steel plate |
| Weight | 737.1g (1.63 lbs) |
| Max Operation Temp. | 66°C (150°F) |

Electrical

| | |
|-------------------|---------------------------------|
| Rated Voltage | 24 VAC |
| Frequency | 50/60 Hz |
| Power Consumption | 0.5 Watts per generator |
| Current Draw | 0.03 Amps (30 mA) per generator |

Included Accessories

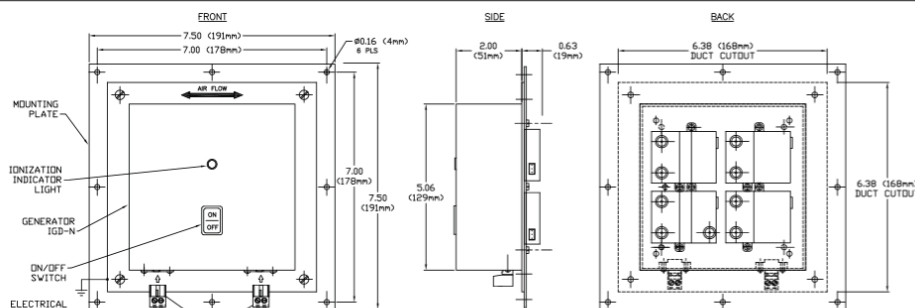
| | |
|--------------|-------------|
| BMS Terminal | Dry Contact |
|--------------|-------------|

Modules

| | |
|--------------------|-------------------------|
| Bi-polar Generator | 1 to 4, 2 emitters each |
|--------------------|-------------------------|

Approvals

UL 867, UL 2998.



| MODEL | AOXD1 | AOXD2 | AOXD3 | AOXD4 |
|--------------------|-----------------|-----------------|-----------------|-----------------|
| CAPACITY | 1,200 CFM | 2,400 CFM | 3,600 CFM | 4,800 CFM |
| NEEDLES | 2 | 4 | 6 | 8 |
| FLA | 0.10 | 0.16 | 0.25 | 0.30 |
| MAX. AMBIENT TEMP. | 150° F 66° C | 150° F 66° C | 150° F 66° C | 150° F 66° C |