The Plasma Air RapidPURE is a Plenum rated, duct mounted, automatic cleaning needlepoint ionizer, producing positive and negative ions that neutralize harmful pathogens, pollutants and odors in the occupied space. This compact unit automatically removes dust and dirt build-up on the emitters eliminating the need for any maintenance. The unit is typically installed in supply ducts utilizing the pre-drilled flange and factory supplied gaskets. The RapidPURE is UL 2998 validated for zero ozone emissions. Product has four model options, a 120V-240V AC voltage, or a 12V-24V AC DC voltage, both of which have optional dry contacts for integration with Building Automation Systems (BAS).

SPECIFICATIONS:

Airflow Capacity . . . . Up to 6,000 CFM/10,000 CMH

Pressure Drop . . . . Less than 0.01 In. WG/2.5 Pa

Housing Material . .(PC+ABS)-Blend; 15% glass fiber reinforced; flame retardant; Vicat/B 120 temperature = 100 °C

Weight . . . . 2.2 lbs/1 kg

Maximum Operating Temperature . . . . 131 °F (55 °C)

Electrical:
Voltage (SKU 100047 and 49) . . . . 120V-240V AC
Voltage (SKU 100048 and 50) . . . . 12V-24V AC DC
Power Consumption . . . . .4.8 Watts
Frequency . . . . 50 / 60 hertz

Ionization Module:
Type . . . . .Soft Ionization
Mode of Operation . . . . Needlepoint
Self-Cleaning . . . . .Automated

DIMENSIONS: See FIGURE 1

FEATURES:

- Inactivates airborne pollutants such as viruses, bacteria, fungi and mold spores
- Enhances removal efficiency of the HVAC filters for PM 2.5, including smoke, dust, pollen and airborne pathogens
- Duct mounted for close proximity to the occupied space to enhance in room efficacy
- Quick and easy install into duct
- Factory programmed for automated self-cleaning once per day and on ionizer unit start up
- Low power consumption < 5W
- Optional dry contacts available to enable integration with Building Automation System (BAS) alarm to report ionizer status. Multiple units can be daisy chained into a single alarm contact.

MODELS:
SKU 100047 - 120V-240V AC
SKU 100048 - 12V-24V AC DC
SKU 100049 - 120V-240V AC - WITHOUT BAS
SKU 100050 - 12V-24V AC DC - WITHOUT BAS

COMPLIANCE and CERTIFICATIONS:

- UL 867
- CSA C22.2# 187
- UL 2998
- CARB
- ISO 16000
- UL 2043
- RoHS2
- CE
- FCC Part 15

FIGURE 1

DIMENSIONS NOT TO SCALE

Airflow

FRONT VIEW — MOUNTING RING — 9.314" — LED — 5.692"

TOP VIEW — AUTOCLEANING NEEDLEPOINT EMITTERS — Airflow — 1.772"

SIDE VIEW — POWER SWITCH — RJ45 BAS ALARM — 2.135" — CONDUIT ADAPTER 1/2 INCH TRADE SIZE

Plasma Air
A WellAir Brand