

Plasma Air 7100 / 7200 / 7300 / 7400 IONIZATION PRODUCT SUBMITTAL



The Plasma Air 7000 Series **Models 7100 / 7200 / 7300 / 7400** needlepoint ionizers are rated up to 6000 CFM and produce positive and negative ions neutralizing harmful pathogens, pollutants and odors. They are typically installed in supply ducts utilizing the pre-drilled flange and factory applied gaskets and can also be installed inside an HVAC unit utilizing a contractor supplied mounting bracket. The 7000 series is UL2998 validated for zero ozone emissions.



SPECIFICATIONS:

Airflow Capacity: Up to 1,400 CFM (7100)
 1,401 to 2,800 CFM (7200)
 2,801 to 4,200 CFM (7300)
 4,201 to 6,000 CFM (7400)
Pressure Drop: Less than 0.01 In. WG
Housing Material: 18 Gauge steel powder coated
Weight: 2 lbs
Maximum Operating Temperature: 200° F (93°C)
Electrical:

Voltage 24V AC input (7XX1)
 120V AC wall pack (7XX2)
 120V/240V AC power supply (7XX3)
 277V AC to 12V DC power supply (7XX4)
Power Consumption: Less than 2VA per set of outputs
Current Draw: 30 mA at 12V DC
Frequency: 50/60 hertz
Internal Fuse: Auto reset 1 amp
BAS Monitoring: Dry contact terminals

Ionization Output:

Mode of Operation: Needlepoint
Needle Configuration: Recessed
No. of Ionization Modules: 1 (7100)
 2 (7200)
 3 (7300)
 4 (7400)

DIMENSIONS: See Figure 1

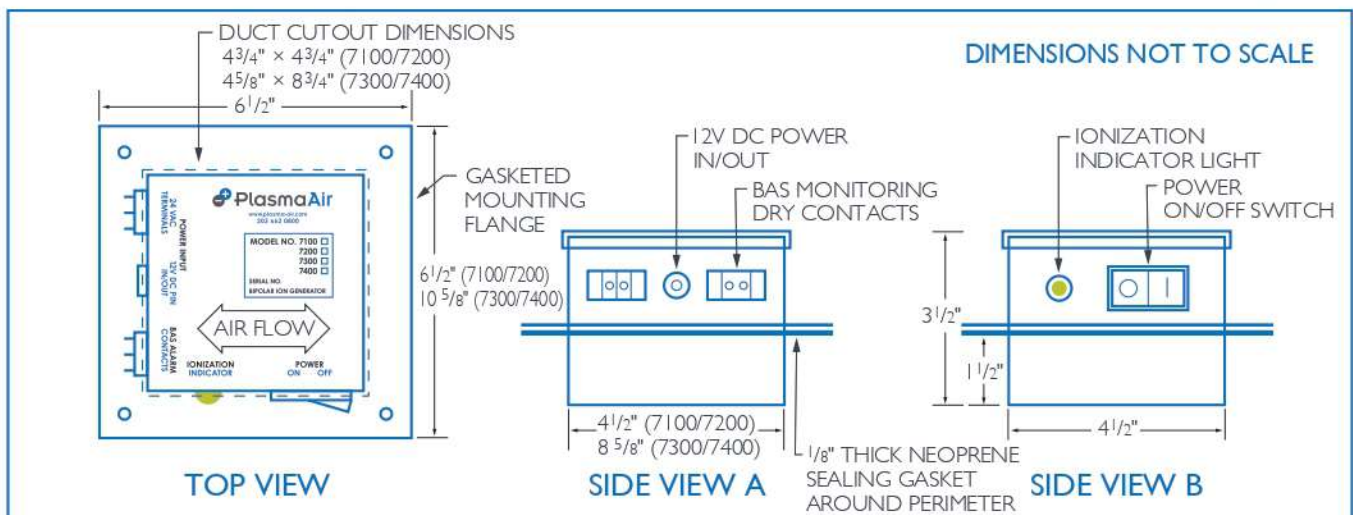
APPROVALS: UL2998, Intertek/ETL Standard UL 867

ORDERING NOMENCLATURE:

7XXX
 1 – 24V AC from fan control terminals (standard)
 2 – 120V AC to 12V DC wall pack
 3 – 120V/240V AC to 12V DC inline power supply
 4 – 241V/277V AC to 12V DC inline power supply
 0 – Placeholder
 1 – up to 1,400 CFM
 2 – 1,401 to 2,800 CFM
 3 – 2,801 to 4,200 CFM
 4 – 4,201 to 6,000 CFM

FEEDBACK FUNCTIONALITY: The feedback function provides an electronic signal only when the ionizers are operating properly, i.e. when the ionizer is creating ions. The products use this signal to power the LED and initiate a relay that closes dry contacts.

FIGURE 1



All stated specifications are subject to change without notice or obligation.