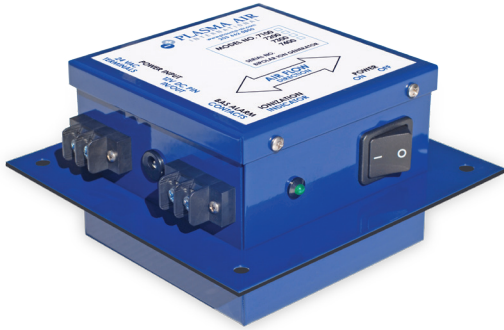
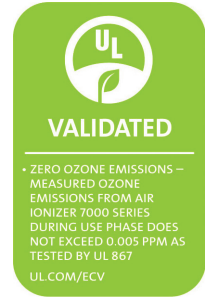


# PlasmaPURE 7100 / 7200 / 7300 / 7400 IONIZATION PRODUCT SUBMITTAL



The PlasmaPURE 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

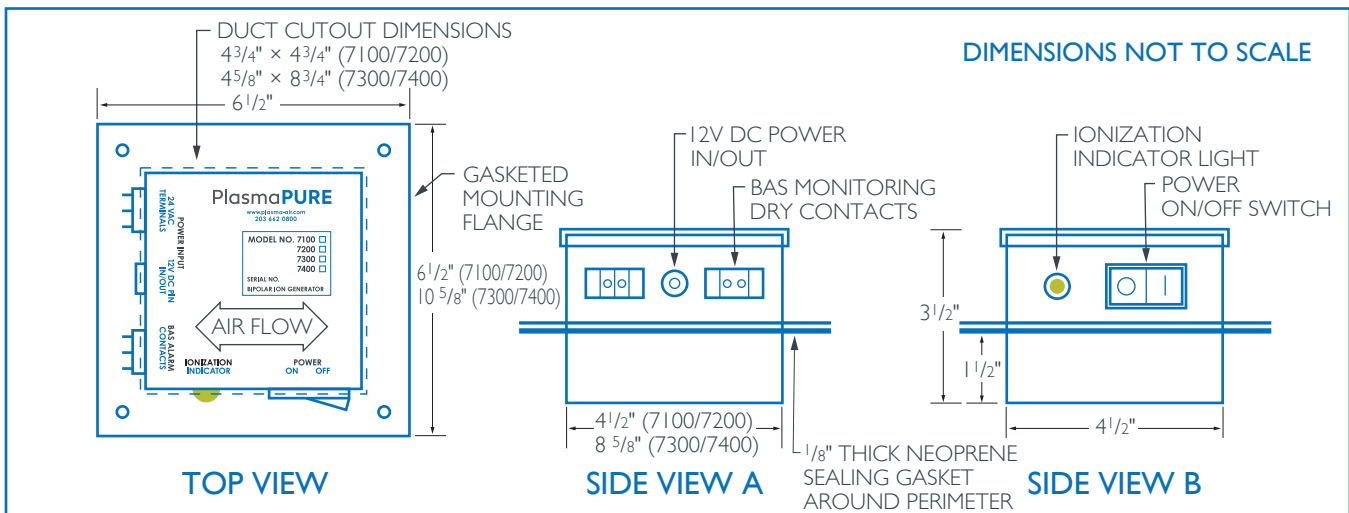
**APPROVALS:** UL2998, Intertek/ETL Standard UL 867

## 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.