



MODEL 7000

The **Model 7000** is a needle point type ionizer producing an equal amount of positive and negative ions. The unit can be installed in metal duct utilizing the pre-drilled flange and factory applied gaskets. The contractor makes a duct cut out and secures the unit with self tapping sheet metal screws. The ionization output protrudes 1½” inches into the duct to clear any duct liner. The unit can also be installed inside an HVAC unit utilizing a contractor supplied mounting bracket. The ionization needles are recessed to avoid electric shock, dust buildup and premature failure. The ionization unit can accept power from either 24V AC fan control terminals or a 12V DC pin from a 120V AC or 230V AC power supply.

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 Ga steel powder coated

Weight:2 pounds

Maximum Operating Temperature: 200° F (93°C)

Electrical:

Voltage: 24V AC input (fan control terminals) (7001)
 120V AC to 12V DC wall pack (7002)
 230V AC to 12V DC wall pack (7003)

Power Consumption: less than 1 watt

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: Needle point type

Needle configuration: Recessed

Certification: UL listed component

No. of Ionization Outputs: 1 (7100)

..... 2 (7200)

..... 3 (7300)

..... 4 (7400)

ACCESSORIES (SELECT ONE):

- 24VAC input (standard) (7001)
- 120VAC to 12V DC wall pack (7002)
- 230VAC to 12V DC wall pack (7003)

DIMENSIONS: See Figure 1

APPROVALS: 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 – 230V AC to 12V DC wall pack
 - 0 – Revision number
 - 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

FIGURE 1

