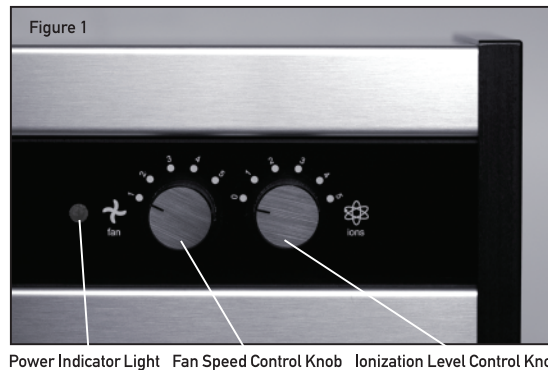




MODEL P2000/P2002

The PLASMA AIR MODEL P2000/P2002 is a self contained unit designed to increase ionization levels in areas where no ventilation system is present. The unit contains a fan, filter, and bipolar ionization tube all housed in a heavy gauge stainless steel enclosure. Ideal applications for this unit are environments with significantly high pollutant levels such as garbage rooms, beauty or nail salons, and fire/flood restoration applications. The P2000 utilizes one (1) D-tube and the P2002 utilizes two (2) E-tubes. If used continuously the ionization tubes as well as the filter located at the unit's inlet need to be replaced on a yearly basis.



Power Indicator Light Fan Speed Control Knob Ionization Level Control Knob

APPLICATION

Choose an appropriate location

The P2000/P2002 should be placed on a flat surface at waist level or higher in an open area between 750 ft2 and 1500 ft2. The P2000/P2002 should not be placed flush against a wall or obstructed by other objects that would restrict air flow in or out of the unit.

Electrical connection

After placing the P2000/P2002 in an appropriate location, plug the female end of the Power Cord into the unit and the male end into a standard 120V wall outlet.

Turn the unit on

The P2000/P2002's Power On/Off Switch is located in the lower left hand corner of the back of the unit. Putting the switch in the downward position turns the P2000/P2002 on and illuminates the Power Indicator Light (shown in Figure 1) to demonstrate the unit is in operation. The P2000/P2002 is designed to run continuously and functions best when not constantly turned on or off.

Select the appropriate fan speed and ionization level

The P2000/P2002 is designed to serve up to 12,000 ft3 (1500 ft2 with an 8 foot ceiling) of indoor air. However, the P2000/P2002 is equipped with five (5) fan speeds and five (5) ionization levels to provide the appropriate amount of air flow and ionization to serve various volumes of indoor air. Figure 1 shows the Fan Speed Control Knob and the Ionization Level Control Knob.

In general, a 750 ft2 area with an 8 foot ceiling will be best served by the P2000/P2002 with a fan speed of one (1) and an ionization level of one (1).

The P2000/P2002 can serve larger volumes of indoor air by adjusting the fan speed and ionization level, using the above example as a guideline.

Pollutant level will also determine which fan speed an ionization level is appropriate to adequately serve a certain volume of indoor air. For example, a garbage room will require a higher ionization level than a typical residential room.

SPECIFICATIONS

- Air Flow Capacity:** 200 CFM
- Pressure Drop:** N/A
- Housing Material:** 16 gauge stainless steel
- Weight:** 15 pounds
- Maximum Operating Temperature:** 140° F (60° C)
- Electrical:**
 - Voltage:** 120V
 - Power Consumption:** 50 watts
 - Current Draw:** 0.6A
 - Frequency:** 50/60 hertz
 - Internal Fuse:** (2) 1.0 amp
 - Field Electrical Connection:** Nema 15 receptacle
- Ionization Tube:**
 - Material:** Glass, stainless steel
 - Number of Tubes:** One (1) P2000
Two (2) P2002
 - Size:** (1) D P2000
(2) E P2002
 - Length:** 9½" P2000 / 14" P2002
 - Life:** 8,800 hours

DIMENSIONS: 22 ½" (L) X 10" (H) X 5 ¼" (D)