Save This Manual For Future Reference

Installation and Service Manual

Read ALL INSTRUCTIONS carefully.

DUST FREE®
Air Cleaners

Series 110
The Dust Free® Series 110 in-duct ozone generator is designed to oxidize odors and pollutants using the power of activated oxygen. The Series 110 uses molecules of O₃, a highly active form of oxygen, to break down odor causing Volatile Organic Compounds (VOC) or hydrocarbons into safe by-products, as well as destroying many harmful bacteria such as mold. This unit will produce up to 2.8 grams of ozone.

The unit is installed directly into any return air duct and plugs into a standard power outlet. It uses a variable rate switch and the unit will turn itself on automatically when it senses air flow through the duct. The Series 110 may be installed horizontally or vertically.

### SPECIFICATIONS

**Series 110 Specifications**

- **Dimensions:** 8"L x 5"W x 11.5"H
- **Weight:** 9.8 lbs. (4.3kg)
- **Power:** Standard 115 volts
- **O₃ Production:** Up to 2.8 grams per hour
SERIES 110 INSTALLATION
1. Position cutout template on return side of HVAC system duct and cut the matching hole. Make sure the system and the template airflow are in the proper direction.
2. Insert the Series 110 into the hole and fasten with 8 - #8 x 5/8" Phillips panhead screws that are supplied. Make sure airflow is in the proper direction.
3. Plug the Series 110 into a conventional 110 volt power source. The Series 110 will run for approximately 30 seconds when first plugged in and then will turn itself off until the system blower passes air through the unit.

SERIES 110 OPERATION
1. When the Series 110 is installed and electrical power is applied, the unit will operate only when air flows through the unit.
2. The amount of O₃ can be varied by the variable control switch from LO (less O₃) to HI (more O₃) to OFF (no O₃). On HI the module will produce 2.8 grams of ozone per hour.
3. If ozone odor is detected in the area, reduce the level of ozone production by turning the switch halfway towards its lowest setting.

SERIES 110 LAYOUT DIAGRAM (HORIZONTAL APPLICATION)

Be sure to install the Series 110 in the proper air flow direction. Refer to air flow labels.
TEMPLATE FOR SERIES 110 INSTALLATION

5 5/16" x 8 5/16" CUTOUT

AIR FLOW