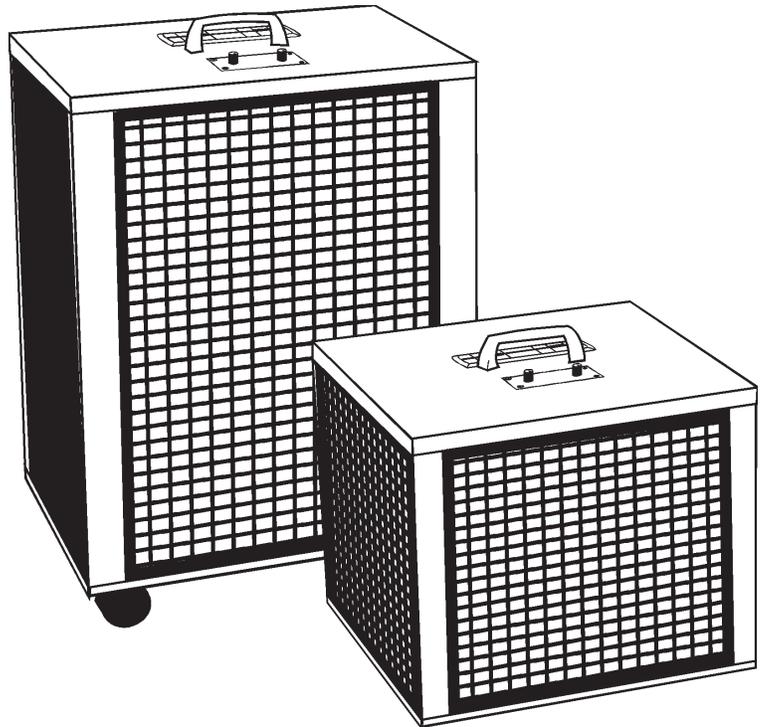


Save This Manual For
Future Reference

***Installation
and
Service
Manual***

**Read ALL
INSTRUCTIONS
carefully.**



 **DUST FREE**®
AIR CLEANERS

Series 250
Series 350

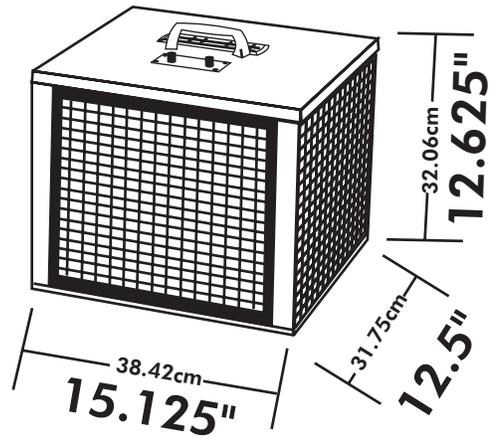
The Dust Free® Series 250 and 350 systems are designed for particulate, chemical vapor, and odor filtration in the home, office, clinics or other areas where pollutants are isolated. They are ideal for persons adversely affected by indoor airborne pollutants. An optional Electronic Odor Neutralizer (EON) is available with both series, which destroys odor causing chemical vapors and biologicals.

The Series 250 and 350 are simple to operate and easy to maintain. Simply plug in the power cord and turn it on. Filtration media is simple to replace, no tools required. To keep the cabinet looking new, simply wipe with gentle cleansers and a damp cloth. Congratulations, enjoy your new Dust Free® room air cleaner!

SPECIFICATIONS

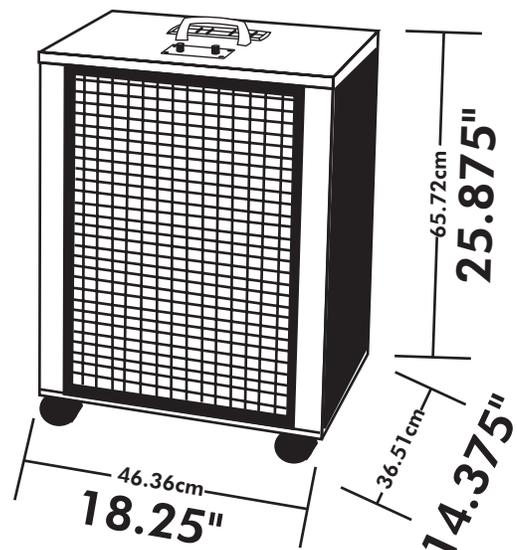
Dust Free® Series 250 Specifications

- Dimensions:** 15.125"L X 12.5"W X 12.625"H
(38.42cmL X 31.75cmW X 32.06cmH)
- Weight:** 27 lbs. (12.25kg)
- Motor:** Custom, sealed bearing, thermal protection
- Power:** 100/115V, 50/60hz, 1.5 Amp
- EON:** Input Voltage - 120V, 0.2 Amp
Output Voltage - 6000V
- Air Volume:** 200 CFM (5.7 CMM) Maximum



Dust Free® Series 350 Specifications

- Dimensions:** 18.25"L X 14.375"W X 25.875"H
(46.36cmL X 36.51cmW X 65.72cmH)
- Weight:** 43 lbs. (19.50kg)
- Motor:** Custom, sealed bearing, thermal protection
- Power:** 100/115V, 50/60hz, 1.9 Amp
- EON:** Input Voltage - 120V, 0.2 Amp
Output Voltage - 6000V
- Air Volume:** 300 CFM (8.5 CMM) Maximum



BEFORE OPERATING

1. Remove the plastic wrapping from the optional carbon mesh filter or the other granulated adsorbents in disposable frames.
2. Place the unit in the desired location.
3. Plug unit into a power outlet supplying proper voltage.

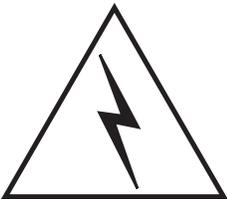
OPERATION

Once all wrappings have been removed the unit is ready for operation by turning the control knob to maximum. Series 250 and 350 units have been designed to provide you with years of service. For best performance and filter life, it is recommended that units be run continuously. Series 250 and 350 units employ air pattern management, circulating clean air throughout the room and forcing dirty air into its four sides for cleaning. The units should be placed at least 8" from the wall and purified air is blown toward the center of the ceiling. Air flow louvers can be adjusted to direct air flow. The fan speed should be set to obtain the air flow desired, using the speed control switch.

SAFETY PRECAUTIONS



Do not operate unit for long periods of time without all filters in place.



Do not operate unit in a wet environment. Electric shock could occur, causing injury or death.



Do not place hands or objects in air vent, serious damage to limbs and the unit itself will occur.

ACCESSING FILTERS

Turn off air cleaner. Grasp media retaining grid with fingertips near the bottom. Lift upwards and pull outwards simultaneously allowing grid to be released from unit. Filters are now accessible for replacement.

ODOR-STAT™ REPLACEMENT

Odor-Stat™ (black, carbon impregnated media) should be replaced every 2-6 months depending on the environment.

CLEANING POLYESTER MEDIA

The polyester prefilter is washable and reusable. It should be washed in mild detergent or cleaner (409, Fantastic, etc.) every 2-6 months depending on the environment. Allow to dry before returning to unit.

YELLOW BOROSIL REPLACEMENT

Borosil may give off a slight odor for the first two days of operation. Borosil should be replaced every 2-6 months depending on the environment.

ELECTRO-FIBER REPLACEMENT

Electro-Fiber should be replaced every 2-6 months depending on the environment.

OPTIONAL EON MODULE

The optional electronic odor neutralizer should be serviced every 2 years. Call your Dust Free® air cleaner dealer, or the factory, to arrange service and costs associated with the service.

OPTIONAL BULK ADSORBENT TRAYS

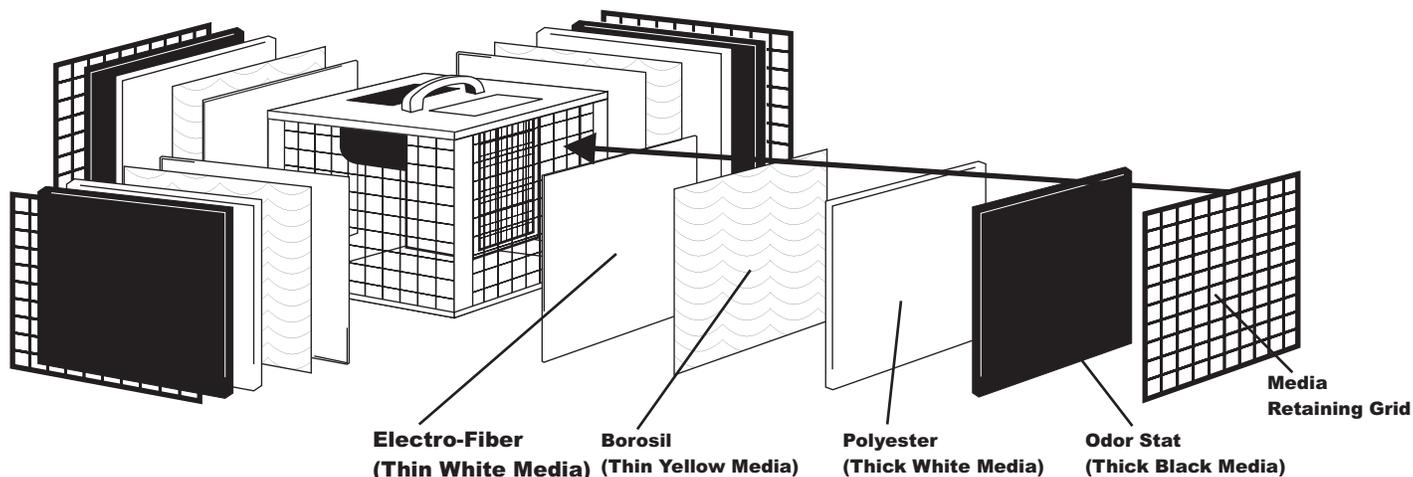
Bulk adsorbent trays should be replaced every 4-9 months depending on the environment.



Turn unit off while changing filters.

Important:

Place media into unit in the order indicated in the diagram. The configuration is the same for both series.



OPERATING FAN/ON/OFF SWITCH

To turn the Series 350 on rotate the fan control clockwise to low, medium or high setting, depending on the amount of air flow desired. The Series 250 has a continuous variable speed control. When the unit is on the red indicator light, located above the fan control will light up. To turn the unit off, rotate fan control counterclockwise to off position. The red indicator light will go off.

OPERATING THE TRICKLE SWITCH (Only on EON-equipped models)

The trickle switch is intended to be used when a steady, slow flow of ozone is desired. This should be used in place of the standard timed, regulated ozone cycle. To operate, simply push the trickle switch to the on position.

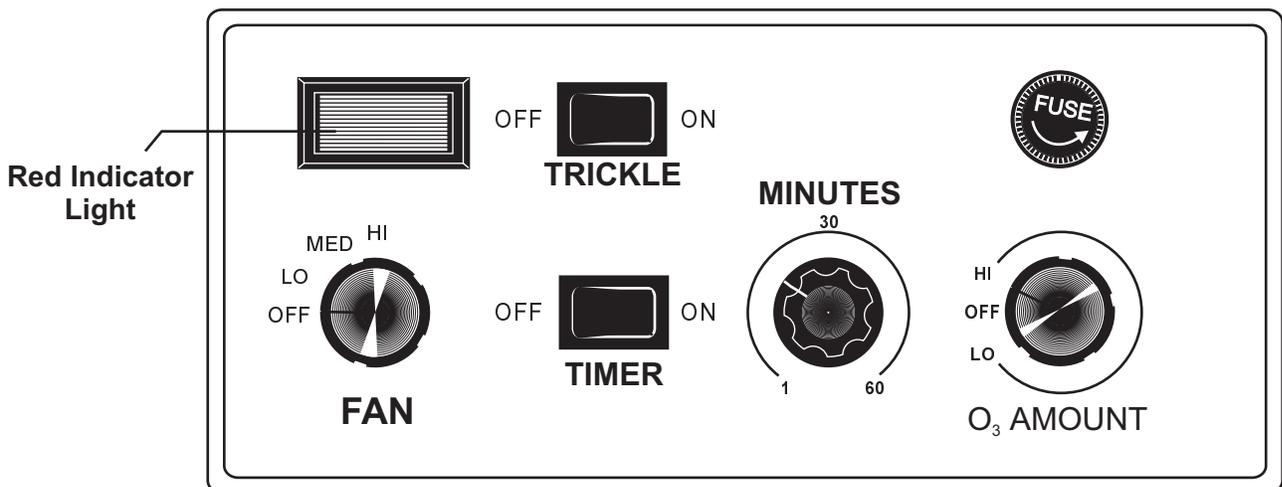
OPERATING THE MINUTES CONTROL/TIMER SWITCH (Only on EON-equipped models)

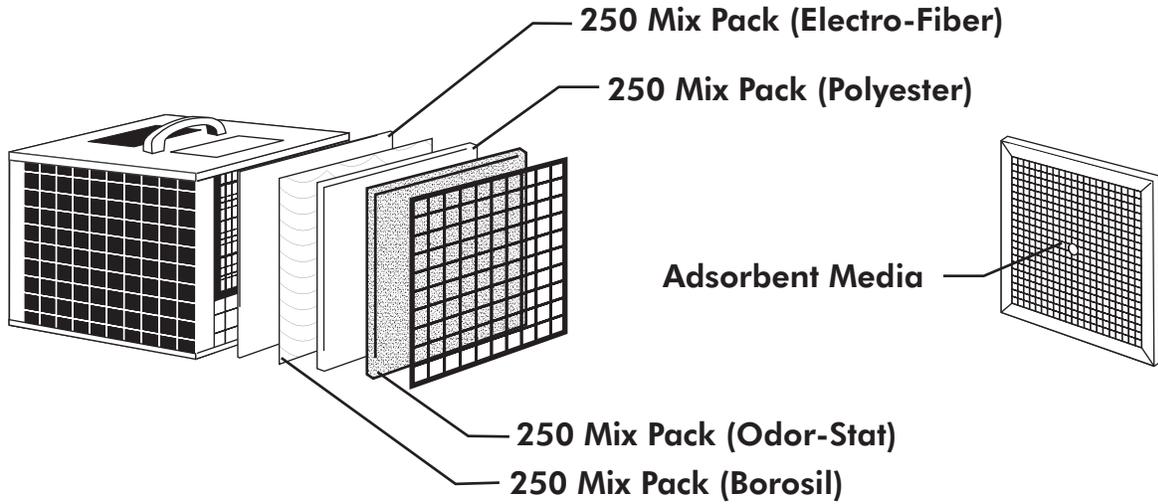
When a timed ozone cycle is desired rotate the minutes control and line up the white line on the knob to the desired time allotment. Push the timer switch to the on position. The unit will now begin generating ozone for the amount of time indicated.

OPERATING THE O₃ AMOUNT CONTROL (Only on EON-equipped models)

To adjust the amount of ozone being generated during the timed cycle, rotate the O₃ amount control to the desired position, hi, low or off. No ozone will be generated when this control is set to the off position, unless the alternate trickle method is being employed. If you can detect the odor of O₃ (ozone) the concentration level is too high. Reduce the O₃ output or turn off the generator.

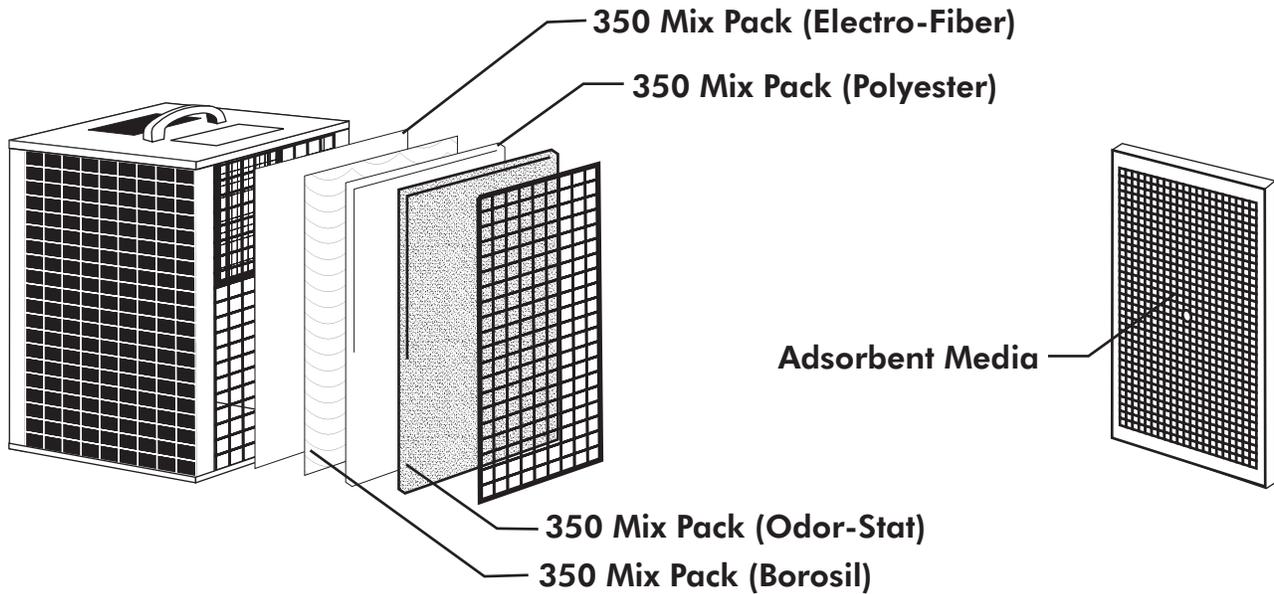
Control System Panel (Optional EON-equipped model shown.)





Series 250

Part No.	Description
04186	Replacement 250 Mix Pack (4 ea. Electro-Fiber, Borosil, Polyester and Odor-Stat)
04181	Electro-Fiber(2 Sets)
04182	Polyester(2 Sets)
04183	Borosil(2 Sets)
04184	Odor-Stat(2 Sets)
04187	Washable Electrostatic Pre-filter (1 Set)
04185	Needlepoint Filter(2 Sets)
04190	Potassium Permanganate Tray(1 Set)
04188	Carbon Tray(1 Set)
04189	Zeolite Tray(1 Set)
04191	60/40 Carbon/Potassium Permanganate Tray(1 Set)
04204	Carbon Webs(1 Set)



Series 350

Part No.	Description
04197	Replacement 350 Mix Pack (4 ea. Electro-Fiber, Borosil, Polyester and Odor-Stat)
04193	Polyester (2 Sets)
04192	Electro-Fiber (2 Sets)
04194	Borosil (2 Sets)
04195	Odor-Stat (2 Sets)
04198	Washable Electrostatic Pre-filter (1 Set)
04196	Needlepoint Filter (2 Sets)
04201	Potassium Permanganate Adsorbent Media Disposable Tray (1 Set)
04199	Carbon Tray (1 Set)
04200	Zeolite Tray (1 Set)
04202	60/40 Carbon/Potassium Permanganate Tray (1 Set)
04205	Carbon Webs (1 Set)