



VARISTAT Benchtop Ionizer



VARISTAT Benchtop Ionizer™

Mountable hands-free blower for static elimination at assembly stations and benchtop applications

What is the VARISTAT?

The EXAIR Varistat Benchtop Ionizer is a blower style static eliminator designed to neutralize static charges on surfaces in demanding industrial settings where static can become troublesome. With the help of ionizing technology, the Varistat supplies a constant stream of ion-balancing airflow to keep products static-free and particulate-free with hands-free operation and without the need of compressed air. Manually adjustable, the Varistat provides full coverage static elimination for workbenches, part assembly, web cleaning and more.

Why the VARISTAT?

The Varistat can be easily mounted on equipment or placed on workbenches to assist with consistent static neutralization. Capable of reducing 1000 volts to 100 volts in 0.8 seconds, the Varistat Ionizer removes surface static at a distance with incredible efficiency. The Varistat is engineered to fit various industrial applications and unique processes by offering customizable options such as an adjustable stand for mounting, selectable voltage, variable fan speed and adjustable polarity.

This static eliminator features ion producing emitter points and two 30 PPI replaceable foam filters to ensure optimal performance over extended periods of use. Also offering a built-in LED display that indicates proper function, the Varistat is designed with important safety features such as its current limiting circuit to protect against electrical hazards, and operating quietly and well below OSHA standards for noise exposure. The Varistat static eliminator is a reliable and effective solution for reducing static charges on sensitive products and protecting against static, dust, debris and other pesky particulate.



Static
Eliminators

Applications

- Web cleaning
- Electronics assembly
- Molding machinery
- Slitting, sheeting and winding
- Cleaning parts
- Shrink wrappers
- Package cleaning
- Printing equipment
- Benchtop assembly

Advantages

- Mountable, hands-free operation
- Rapid static decay
- Low voltage operation
- OSHA safe air outlet and noise level
- LED indicators for proper and improper functionality



11510 Goldcoast Drive • Cincinnati, OH 45249-1621 • Phone (513) 671-3322
FAX (513) 671-3363 • E-mail: techhelp@exair.com • www.exair.com



VARISTAT Benchtop Ionizer

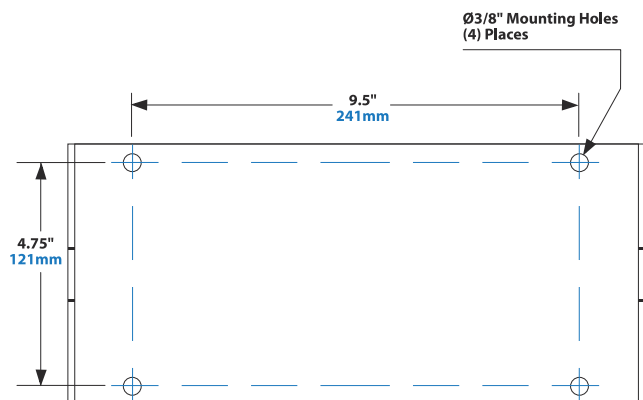
How the VARISTAT Benchtop Ionizer works



After connecting the 115V or 230V power cable, plug into outlet 1) and check to make sure voltage selector switch 2) is set correctly; then activate power switch to activate static eliminating ions and airflow 3). A green light will indicate that power is turned on, improper functionality is indicated by a flashing red LED 4). Adjust fan speed with dial 5), and polarity with "+" and "-" buttons located on top 6). Adjust angle and height with knobs located on the side 7). Mounting bracket included for hands-free operation 8).

Static
Eliminators

VARISTAT Mounting Hole Locations:



VARISTAT Benchtop Ionizer	
Model #	Description
8600	Varistat Benchtop Ionizer with (2) Model 902329 Filter Kits, Model 902350 115V Power Cable and Model 901681 230V Power Cable

Accessories and Components – Replacement Parts	
Model #	Description
902425	Replacement Filter (30 PPI)
902358	Fan Speed Knob
7564	Stand Knob
7657	Stand Grommet

VARISTAT Benchtop Ionizer Specifications

- Certifications:** The Varistat Ionizer is UL Listed, and RoHS and CE compliant
- Input Voltage:** 120-240 VAC, 50/60 Hz - Selectable
- Input Current:** .6A/.4A
- Emitter Voltage:** 5-7 kV
- Balance:** $\pm 100V$, manually adjustable to $<10V$
- Dimensions:** 13 1/2 in. x 10 1/2 in. x 10 in.
- Weight:** 9.1 lbs
- Air Output:** 10" x 1.5" - covers up to 16" x 10' area
- Filter:** Two replaceable foam filters, 30 ppi
- Static Discharge:** 0.8 seconds to discharge 1000-100 V - measured 12" from charged area with fans at high speed
- Sound Level:** 67 dBA measured 3' in front of unit with fans at high speed
- Indicator LEDs:** Middle green LED indicates unit is on
Blue LEDs indicate balance adjustment
 positive and negative
Red LED (above green LED):
 2 flashes - Electrical Failure
 3 flashes - Control Board Malfunction
 4 flashes - Fan Malfunction



VARISTAT Benchtop Ionizer Dimensions

