

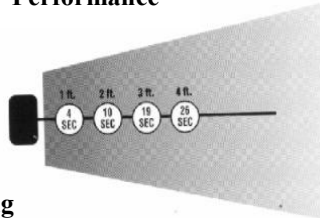
Botron Full Coverage 44" 3 Fan Overhead Blower **B486460/44**. The Model **B486460/44** Overhead Blower features an adjustable two-speed fan for varying applications and operating conditions for high performance electrostatics management. The overhead mounting doesn't compromise valuable space on the workbench, allowing for complete 3-dimensional neutralization of static charge. The Model **B486460/44** features IsoStat technology¹ for intrinsically balanced ionization, eliminating the need for periodic calibration regardless of variations in line voltage or fan speed. It controls static charge wherever contamination, electrostatic discharge (ESD), material-handling problems or microprocessor lock-up are concerns in the manufacturing environment. **Disclaimer.** All statements of technical information are believed to be true and are based upon tests we believe to be reliable. The proper use and application for this product must be the responsibility of the user. The statements herein shall have no force or effect.



B486460/44

44" long

Performance



Features

- IsoStat® Technology
- Steady-state DC ion emission
- Auto Clean System
- Alarm relay closure circuitry
- Multicolor LED indicator

Benefits

- Intrinsically balanced and never needs calibration
- Efficient ion delivery at the workstation
- Reduces manual emitter point cleanings
- Alarm notification output communicates system failure to a remote location
- Visual performance indicator: Green for normal operation and red signals a catastrophic alarm

Auto Clean System

The Auto Clean System² features a brush mechanism which sweeps the emitter points when the blower is turned off and on, allowing the Model B486442 to always perform at optimum ion output and balance. This automated feature results in reduced operation costs due to lower maintenance.

Testing was performed at high speed with a charged plate monitor in accordance with Ionization Standard ANSI EOS/ESD S3.1- 1991 of the ESD

Patented IsoStat Technology

Patented IsoStat technology guarantees intrinsically balanced ionization and eliminates complicated feedback circuits. Ionizers incorporating this technology never need calibration and require very little maintenance. IsoStat is based on a law of physics, *Conservation of Charge*, which states that charge cannot be created or destroyed in an isolated system. By isolating the ionizer's emitter points from ground, IsoStat ensures equal numbers of positive and negative ions to better protect sensitive products.



B48115PVS

SPECIFICATIONS

Input Power 100-140 VAC, 50.60 Hz

Indicator Multicolor LED: Power on green, alarm-red

Ion Emission Steady-state DC

Emitter Points Tungsten; 2-year life

Ion Balance Better than ±15 volts at 1 foot*

Discharge Time <_ 10 seconds @ 1 foot*

Air Volume 112 CFM per fan free-air

Coverage 3 Fan - 2' x 4'

Ozone <0.005 ppm (24-hour accumulation)

Mounting Four eye bolts & S hooks

Dimensions 3.6"H x 6"W x 44"L

Weight 3 Fan 10 lbs. / 2 Fan 8 lbs.

Controls Power/fan speed slide switch Hi/Off/Low

Operating Temperature Range 68-77F (20-25C)

Air Filters Replaceable open-cell foam

Environment Humidity 30-50% RH (non-condensing)

Warranty 2-year limited warranty

Certifications, pending

B486460/44 overhead 3 fan blower

B486460/32 overhead 2 fan blower

B486442 bench top blower 2 speed w/cord

B486432 local area bench top blower (order cord)

B486432C 14-1320 transformer and cord

B486420 Point of use mini-blower (order cord)

B486420C 14-1310 transformer and cord

B486115 blow-off gun (order transformer)

B486115T transformer for gun

B48775PVS ionization test kit

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FULL COVERAGE 3 FAN OVERHEAD 44" BLOWER

S486460/44