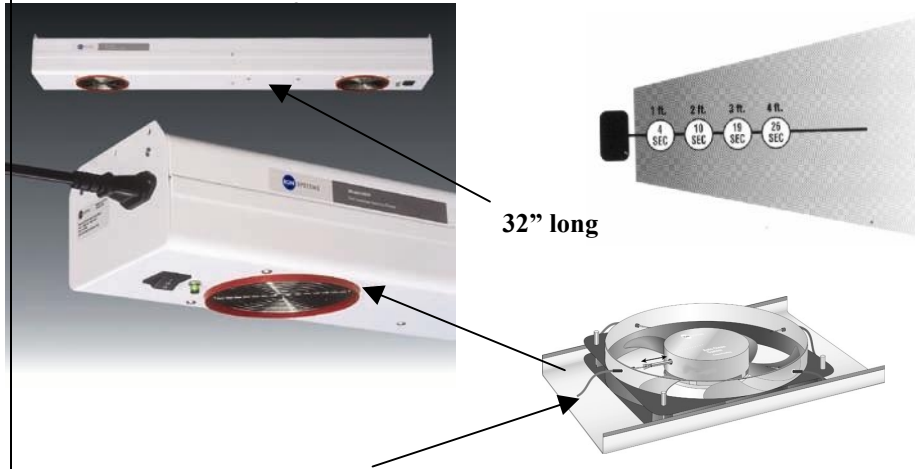


Botron Full Coverage 32" 2 Fan Overhead Blower **B486460/32**. The Model **B486460/32** Overhead Blower features an adjustable two-speed fan for varying applications and operating conditions for high performance electrostatics management. The overhead mounting doesn't compromise valuable space on the workbench, allowing for complete 3-dimensional neutralization of static charge. The Model **B486460/32** features IsoStat technology<sup>1</sup> 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.



#### Auto Clean System

The Auto Clean System<sup>2</sup> 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.

#### 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



**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** 2 Fan – 2' x 2.5'

**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

**B486460/32** overhead 2 fan blower

**B486460/44** overhead 3 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 32" BLOWER

**S486460/32**