

# Botron B496203 Technical Data Sheet



## Overview:

Botron's New B496203 Intelligent DC-Ionizer 3 Fan Overhead Ion blower is internet ready and monitored with a built-in LED screen. Built-in LED lights and an advanced DC type design. Easy to hang with bolt on brackets. Low energy, only 34W. Easy to remove fan grill for easy service of extended life emitters. Fast static decay and excellent ion balance. Comes with Auto Ion Balance, Abnormal HV monitoring system and Self Cleaning Emitter Points.

## PERFORMANCE

Ion balance +/- 5v  
Decay time at 12" +/- 1000V ~ +/- 100V < 1.0 seconds

\*All results are based according to EOS/ESD-STM 3.1-2000.  
\*Results may vary based on test conditions.

## PROPERTIES

## SPECIFICATIONS

Power supply	110V/50Hz
Type	DC
Coverage	1', 1 sec - 2', 5 sec - 3', 9 sec
Air volume	100 – 232 cfm
Noise level	35dB at 3.2'
Temperature	68-104F (0 – 40 C)
Humidity	20% – 70% RH
Ozone	< 0.007 ppm
Indicator	LED Screen
Controls	On/Off switch, Light
Mounting	Brackets
Emitter	Tungsten Alloy
Dimensions	6.3"H x 37"W x 3.4"D
Weight	13.2 lbs

## Product Notes and Features

- DC Technology
- Variable Speed Control
- Internet Ready
- Monitored Software
- Self-Cleaning



## APPLICATIONS

As with all of Botron's ionization units, the B496203 is designed neutralize electrostatic charge in personal bench top environments, sensitive materials assembly, packaging, clean room and laboratories. The unit can be mounted but is not limited to the underside of shelving, ceilings and walls.

## INSTALLATION

1. Remove contents from package.
2. Mount the ionizer in desired position.
3. Make sure there are no obstructions between the target area and ionizer.
4. Install power cord securely.
5. Turn switch on.
6. Adjust air flow accordingly.

## MAINTENANCE

Botron's Intelligent Ionizers are equipped with a self cleaning mechanism that operates when starting up and powering down. The display will indicate if further cleaning is needed if the ion balance appears less stable.

## OPERATION

Power on unit and adjust air flow for maximum neutralization.  
Aim unit at the area or items to be neutralized.

## PART NUMBERS

B496201 Intelligent Benchtop Ionizer  
B496202 Intelligent 2 Fan Overhead Ionizer  
B496203 Intelligent 3 Fan Overhead Ionizer

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**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.