

# Botron B496201 Technical Data Sheet



## Overview:

Botron's B496201 Intelligent Air DC-Ionizer Benchtop Ionizer is monitored with a built-in LED screen. The B496201 is a high frequency unit that provides both reliability and performance. It's lightweight and compact design combined with an adjustable blowing angle makes it a versatile bench top application. Comes with Auto Ion Balance, Abnormal HV monitoring system and Self Cleaning Emitter Points.

## PERFORMANCE

Ion balance +/- 5v  
Positive decay times range from (sec) 0.9 at 1' to 2.8 at 3'  
Negative decay times range from (sec) 1.1 at 1' to 3.6 at 3'

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

## PROPERTIES

## SPECIFICATIONS

Power supply:	110V 50/60Hz (B496201-E 220V)
Current consumption:	12W
Output HV:	AC2200V - 68KHz
Air volume:	< 2.5 m <sup>3</sup> /min
Noise level:	60dB at 3'
Temperature:	0 – 40 C
Humidity:	20 – 70% RH
Ozone:	< 0.03ppm
Indicators:	LCD Display
Controls:	On/Off switch, Speed Control
Mounting:	Adjustable stand/bracket Tungsten Alloy
Emitter:	
Dimensions:	9.8"H x 6"W x 3.3"D
Weight:	6.6 lbs

## Product Notes and Features

- DC Technology
- Variable Speed Control
- Self Cleaning



## APPLICATIONS

As with all of Botron's ionization units, the B496201 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.

## 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 Desktop 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.