Botron B496201 Technical Data Sheet

B BOTRON

Overview:

Botron's B496201 Intellegent Air DC-Ionizer Benchtop Ionizer is internet ready and 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 and an Abnormal HV monitoring system.

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-STM 3.1-2000.
*Results may vary based on test conditions.

Product Notes and Features

• DC Technology

• Variable Speed Control

• Internet Ready

• Monitored Software

PROPERTIES   SPECIFICATIONS

Power supply:	110V/220V 50/60Hz
Current consumption:	12W
Output HV:	AC2200V - 68KHz
Air volume:	< 2.5 m³ /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
Emitter:	Tungsten Alloy
Dimensions:	9.8"H x 6"W x 3.3"D
Weight:	4 lbs

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.

OPERATION

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

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.

PART NUMBERS

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