

# Botron B496202 Technical Data Sheet



## Overview:

Botron's New B496202 Intelligent DC-Ionizer 2 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 and an Abnormal HV monitoring system.

## PERFORMANCE

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

\*All results are based according to EOS/ESD-STM 3.1-2015.  
\*Results may vary based on test conditions.

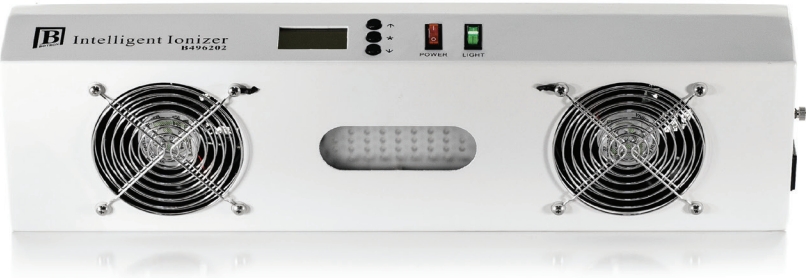
## PROPERTIES

## SPECIFICATIONS

|              |                                   |
|--------------|-----------------------------------|
| Power supply | AC 110V/60HZ                      |
| 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 23.685"W x 3.4"D          |
| Weight       | 8.8 lbs                           |

## Product Notes and Features

- DC Technology
- Variable Speed Control
- Self Cleaning



## APPLICATIONS

As with all of Botron's ionization units, the B496202 is designed to 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 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.