Botron B486102 Technical Data Sheet

B BOTRON

Overview:
Botron's B486102 air ionizer is a high frequency unit that provides both reliability and performance. It's low profile design makes this ionization unit a great solution for ceiling and self mounting. The 2 fan design has a greater output and safely neutralizes static charge in a larger area than single fan designs.

Product Notes and Features

1) Airflow Adjusting Knob
2) Fan Guards
3) Green and Red LED Indicators
4) Abnormal HV alarm

PERFORMANCE

Ion balance +/- 5v
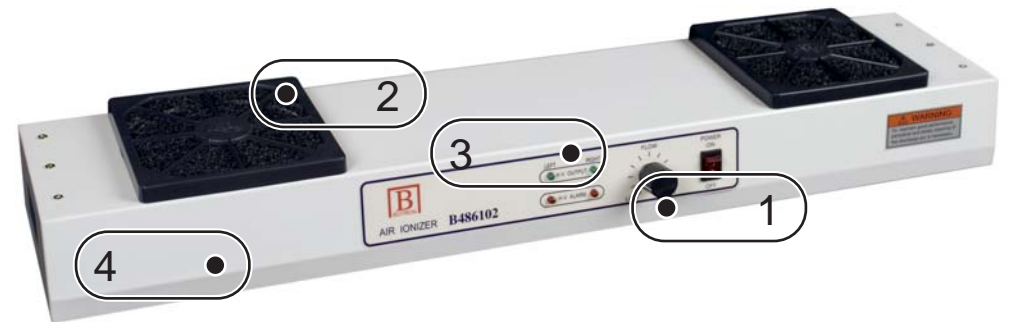Decay time at 18" +/- 1000V ~ +/- 100V <2.0 seconds

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

PROPERTIES — SPECIFICATIONS

PROPERTIES	SPECIFICATIONS
Power supply	AC100 - 240V 50/60Hz
Current consumption	36VA
Output HV	AC2200V - 68KHz
Air volume	8.5' – 21' / min
Air flow	210 – 360 cfm
Noise level	62dB at 3'
Temperature	0 – 40 C
Humidity	20 – 70% RH
Ozone	< 0.007 ppm
Indicators	Green LED, Red LED
Controls	On/Off switch, fan speed knob
Mounting	Adjustable stand/bracket
Emitter	Tungsten Alloy
Dimensions	2.5"H x 26"W x 5.8"D
Weight	7.3 lbs

APPLICATIONS

As with all of Botron's ionization units the B486102 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.

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.