Botron B486104 Technical Data Sheet



Overview:

Botron's B486104 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 4 fan design has a greater output and safely neutralizes static charge in a larger area than single and dual fan designs.

PERFORMANCE

Dimensions

Weight

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

*All results are based according to EOS/ESD-STM 3.1-2000.

2.5"H x 47.3"W x 5.8"D

14.3 lbs

*Results may vary based on test conditions.

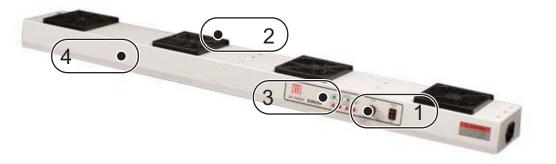
PROPERTIES SPECIFICATIONS

Power supply AC100 - 240V 50/60Hz Current consumption 48VA Output HV AC2200V - 68KHz Air volume $12.5' - 32' / \min$ Air flow 185 – 464 cfm Noise level 62dB at 3' Temperature $0 - 40 \, \text{C}$ Humidity 20 - 70% RH Ozone < 0.007 ppm Green LED, Red LED Indicators Controls On/Off switch, fan speed knob Mounting Adjustable stand/bracket Emitter **Tungsten Alloy**



Product Notes and Features

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



APPLICATIONS

As with all of Botron's ionization units the B486104 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.