

IONIZING NOZZLES

Static Ionizing Nozzle Compact AC Ionizer

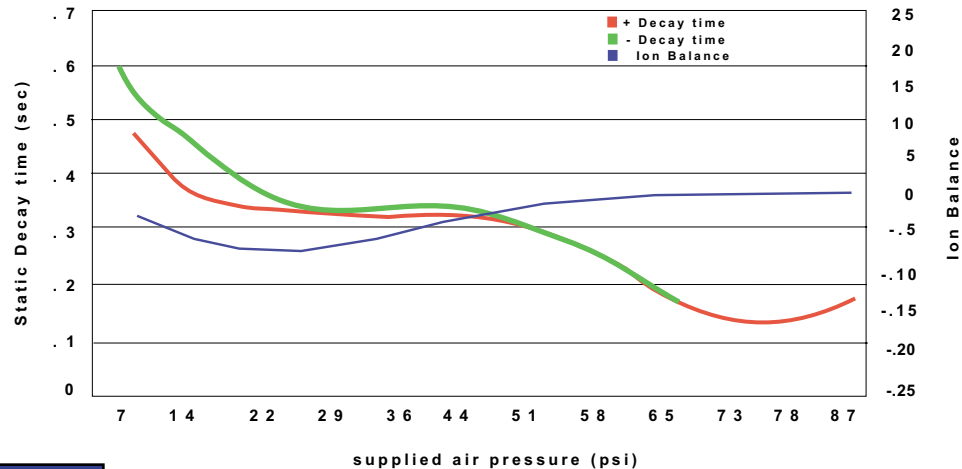
PIEZONIZER ZAPP II

Compact AC Ionizer with an Ultra-small Built-in Piezoelectric Transformer

The Zapp II High frequency ionizing nozzle is a compressed air or nitrogen ionizer that can be used to control static electricity, and to neutralize / clean products and assemblies in the Electronics, Semiconductor, Medical Device and Industrial Markets. The Zapp II has excellent Ion Balance and fast Static Decay Rates that makes it the ideal choice for most applications that require static elimination. The lightweight, small physical size of the Zapp II allows for easy installation as a process tool, especially when space is at a premium.



Static Decay & Ion Balance Characteristics of the ZAPP Model



MAIN FEATURES

Highly Reliable

Proven for Constant Duty in a Compact Design

Maintains Safety

Newly-designed transformer turns off the high voltage output when the emitter needle is being cleaned or changed.

Better ozone resistant nozzles

Wide range of nozzle applications for better ozone resistance.

ZAPP II TECHNICAL SPECIFICATIONS

MODEL	ZAPP II
Input power supply	DC+24V+/- 10%
Capacity	2.4VA
Output Voltage	SSD High Frequency AC 3000V
Ion Balance	Within +/- 15V
Air Pressure Range	7psi - 87psi
Air Flow	30 l/min - 160 l/min
Ozone Level	under 0.05 ppm (Air Pressure: 0.02 Mpa)
Available Temperature	10 to 40 degree C
Available Humidity	Up to 75%
Special Tungsten Emitter	Long-life Tungsten emitter
Dimensions	3.42" x .70" x 1.96" (W x H x D) 87mm x 18mm x 50 mm (W x H x D)
Weight	72g
Accessories	Power & Signal Cable
Effective Range	Several inches - several feet

Easy Maintenance

The emitter needle can easily be removed or replaced through the back part of the main body.

High Voltage Stop Alarm

An alarm warning and two no voltage relays (normal open and normal close) indicate when there is no high voltage present.

Cleaning Check [C.C]

An LED light signals abnormal discharges from the emitter, indicating maintenance is required on the unit.

* Nozzle Tips & AC Adapter Sold Separately



15 Adams Street Burlington, MA 01803 Tel: 781.929.7799 Fax: 781.929.4555

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PIEZONIZER ZAPP II NOZZLE OPTIONS



OZ-S



OZ-60S



OZ-PSP



OZ-ST



OZ-TT



OZ-C100~C500



OZ-100B~500B



OZ-100BL, 200BL



OZ-F



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