

Product Informations

Our Product Lineup

High Frequency Air Ionizer



[Outline view](#) 

[Specification](#) 

• [about icons](#)



Main Application

-For small products that it can't be supplied with high air pressure.

***Notice: The adjustment of ZappII-L is not same as ZappII, so it cannot use with standard optional nozzles.**



Feature of the product

-High performance

Even ultra-low air pressure supply, it keeps high performance ionization to compare with ZappII.

-Integrated designed nozzle

The point of ion creation is around the tip of nozzle and easy installation with flexible seamless piping. Available length of piping is 100mm or 200mm.

-H.V. alarm function

In case high voltage shut down, alarm LED light and alarm output function with non-sigaled contact normally open or normally close use.

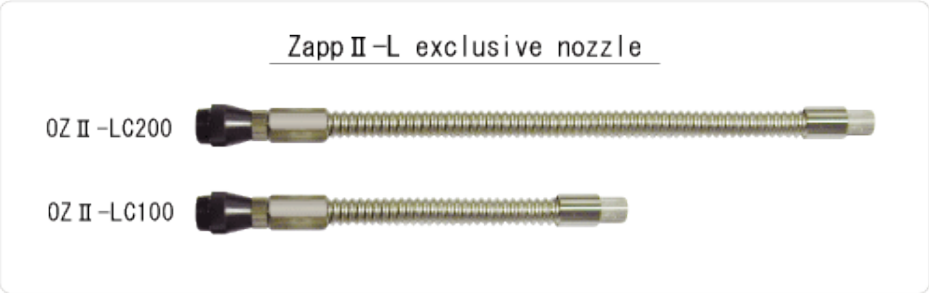
-Cleaning Check [C.C] function

With detecting the abnormal discharge through the discharge emitter, it shows with C.C alarm LED and it links with signal output as normally open.

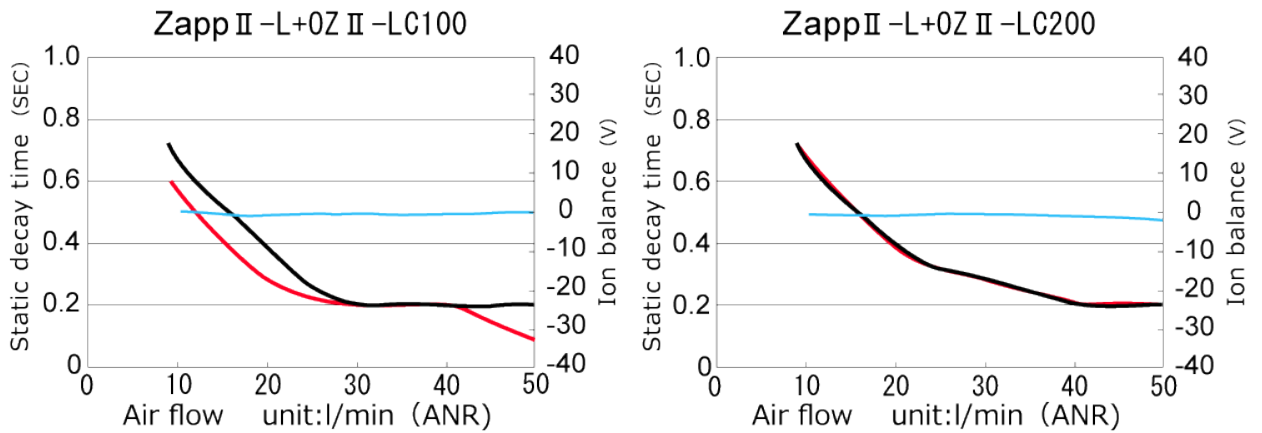


Power supply, signal cable
(standard accessories)

Options



Static Decay Characteristics and Ion Balance



- + Decay time
- - Decay time
- Ion balance

(Note 1) Using □150mm, 20pF charged plated monitor for measurements.
(Note 2) Static elimination time equals the decay time $\pm 1000V \rightarrow \pm 100V$.
(Note 3) Distance is measured 50mm from the plate monitor.
(Note 4) Above data is actual data not for guaranteed.

[Contact](#)[Products Index](#)

PIEZONIZER Zapp II-L

Model	Zapp II-L
Input power supply	DC+24 V \pm 10%
Electric consumption	2.4 VA
Output voltage	AC 2,000 V
Discharge method	High Frequency AC Corona discharge method
Ion balance	Below \pm 15V(Distance at 50mm)
Alarm output	MOS FET Relay, Normally Opened and Closed contact(NO/NC) Maximum current: 100mA, Voltage: Below 30VDC
Cleaning Check output	MOS FET Relay, Normally Opened contact(NO)(C.C) Maximum current: 100mA, Voltage: Below 30VDC.
Discharge stop input(HV-OFF)	Discharge off: Short circuit to 0V, Discharge on: Open circuit (remained voltage below0.5V)
Supplied Air	Clean Dried Air
Available air pressure	0.005 ~ 0.1MPa
Airflow supply	Maximum 50 ℓ /min (ANR)
Ozone level	Below 0.1ppm(Supplied air: 30 ℓ /min(ANR) at 50mm) *2
Guaranteed operating temperature	10 to 40 $^{\circ}$ C
Guaranteed operating humidity	65%RH or less with no condensation
Main unit dimensions	87 \times 18 \times 50mm (W \times H \times D) only body size
Weight	Approx 78g
Accompanying items	Manual, Power supply cable(2.5m) Nozzle is optional.

*2: Under some environment condition, it sometime makes more high level Ozone, we recommend to use ozone-resistant materials around the tip of nozzle.