

Nozzle Type



N-1

Ultra-compact slim body
Rotary nozzle increases
installation choices

Decay time 1.0 sec or less



N-3

Operation status displayed on LED lamps
Interchangeable nozzle increases
suitable applications

Decay time 0.7 sec or less

1

LED indicators clearly
indicate the operating status

The bright LED lamps show the operating
state even when installing in dark systems.



2

Diverse lineup of optional nozzles
support various applications

Use the optional shower nozzle or silent nozzle.



3

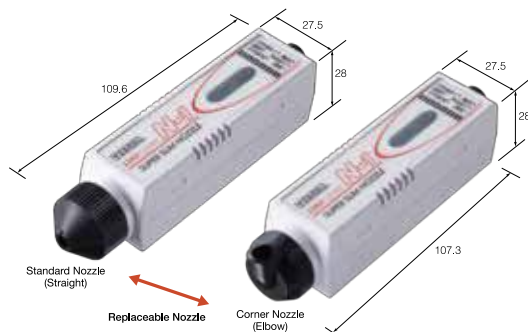
Daisy-chain the power cables to
keep high-voltage cables inside
and ensure safety

Power can be supplied to multiple units by
daisy-chaining them. 24 VDC wiring enhances
safe connection.



Super Slim Nozzle-Type Ionizer

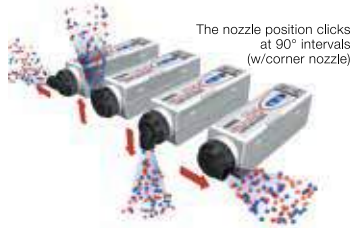
Super Compact Slim Body.
A rotating nozzle enables to ionize anywhere

N-1

EDP No. 621639

High Voltage Transformer	Ion balance	Decay time	Directive
Piezoelectric high-frequency AC corona discharge	within ± 10 V	1.0 sec or less	CE RoHS
Power supply: DC24V	Power supply: AIR/N2 max 0.6MPa	AC Adapter (Option)	Screw-type needle electrode
		"ON" lamp	ALARM H.V.
			External grounding terminal

- ▶ Super slim and compact design enabling to be installed at any place for any direction. 27.5mmx28mm.
- ▶ Change the blow direction by turning the rotary corner nozzle.



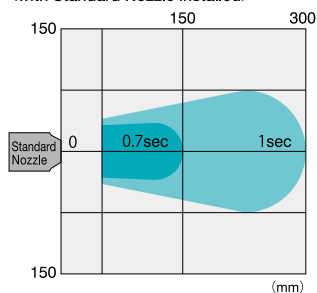
Alarm outputs and daisy chains possible.

Specifications

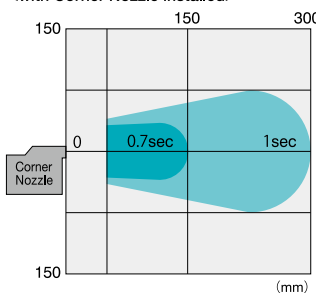
Model No.	N-1
Ionizing method/Applied voltage	Piezo high-frequency AC Corona discharge method/AC10kV (p-p)
Power supply and current consumption	DC24V $\pm 5\%$ / 100mA(max.)
Ion balance	within ± 10 V (standard nozzle-0.3MPa, 150mm) (measured values)
Decay time	1.0 sec or less (standard nozzle-0.3MPa, 150mm) (measured values)
Operating range	50 mm to 600 mm
HxWxDmm	L109.6xW27.5xH28mm (with standard nozzle mounted)
Weight	80 g (with standard nozzle mounted)
Air supply hose diameter	tube fitting $\phi 6$ mm
Operating fluid	Clean dry air (0.1MPa to 0.6MPa), nitrogen N ₂ (0.1MPa to 0.6MPa)
Airflow	190 l/min(With standard nozzle mounted at 0.3MPa)
Ozone production	0.05ppm or less (measured 50mm)
Operating environment temperature and humidity	5°C to 40°C/35% to 65% RH (with no dew condensation or freezing)
Accessories	Standard Nozzle (included with device), Corner Nozzle

Decay area Air Pressure : 0.3MPa

<with Standard Nozzle installed>



<with Corner Nozzle installed>



Accessories



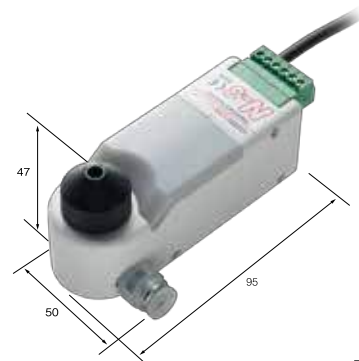
Standard Nozzle
N-1SN
EDP No. 806120



Corner Nozzle
N-1CN
EDP No. 806121

Pinpoint Nozzle Ionizer

Featuring an LED indicator that communicates the device's operating status at a glance

N-3

EDP No. 621654

High Voltage Transformer	Ion balance	Decay time	Directive
Piezoelectric high-frequency AC corona discharge	within ± 10 V	0.7 sec or less	CE RoHS
Power supply: DC24V	Power supply: AIR/N2 max 0.6MPa	AC Adapter (Option)	Screw-type needle electrode
		"ON" lamp	ALARM H.V.
			External grounding terminal

- ▶ Easy to wire with connector terminals.
- ▶ Diverse nozzles support various applications.



Standard Nozzle (included as accessory)



Flared Nozzle can be angled appropriately (not included as accessory)



Tube-fitting Nozzle provides connection with air tube. (not included as accessory)



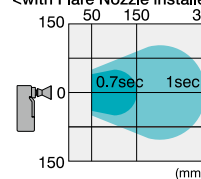
Alarm outputs and daisy chains.

Specifications

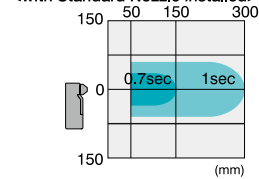
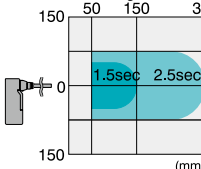
Model No.	N-3
Ionizing method/Applied voltage	Piezo high-frequency AC Corona discharge method/AC6kV (p-p)
Power supply and current consumption	DC24V $\pm 5\%$ / 90mA(max.)
Ion balance	± 10 V or less (at the time of factory shipment)
Decay time	0.7 sec or less (± 1000 V $\geq \pm 100$ V) (at the time of factory shipment)
Operating range	50 mm to 600 mm
HxWxDmm	L95xW50xH47mm
Weight	104g (with standard nozzle mounted)
Air supply hose diameter	tube fitting $\phi 6$ mm
Operating fluid	Clean dry air (0.1MPa to 0.6MPa), nitrogen N ₂ (0.1MPa to 0.6MPa)
Airflow	170 l/min(With standard nozzle mounted at 0.3MPa)
Noise level	99.4 dBA(With standard nozzle mounted at 0.3MPa)
Ozone production	0.05ppm or less (measured 50mm)
Operating environment temperature and humidity	5°C to 40°C/35% to 65% RH (with no dew condensation or freezing)
Accessories	Standard Nozzle (included with device), Power supply harness

Decay area Air Pressure : 0.3MPa

<with Flare Nozzle installed>



<with Standard Nozzle installed>

<Tube fitting Nozzle installed>
(Tube 300mm long installed)

<Tube fitting Nozzle and Shower Tube installed>

