

## SPECIFICATIONS

Type	Compact fan type
Model No.	ER-Q
Charge removal time	Approx. 1.5s (note)
Ion balance	Max. $\pm 10$ V (note)
Power supply voltage	24 VDC $\pm 10\%$
Power consumption	Max. 200mA
Discharge method	High-frequency AC method
Discharge output voltage	Approx. $\pm 2$ kV
Max. fan speed	6.4m/s (note)
Max. fan volume	0.2m <sup>3</sup> /min
Main functions	Discharge check, discharge error, fan error, check output, error output
Indicators	Discharge (DSC): green LED, alarm (ALARM): red LED
Accessories	Connector for wiring: 1 set [manufactured by MOLEX: housing (5557-08P), terminal (5556T)]

Note: Typical value at 100mm from directly in front of air outlet, fan speed MAX, with no filter installed.

## OPTIONS

### ER-QMS1/ Mounting bracket

The ER-Q mounting bracket. Adjust the air output direction.

### ER-QCC2/ Connector-attached cable

Length 2m

### ER-QCC5/ Connector-attached cable

Length 5m

- ▷ 0.13mm<sup>2</sup> 8-core connector cable
- ▷ Cable outer diameter:  $\phi 3.7$ mm

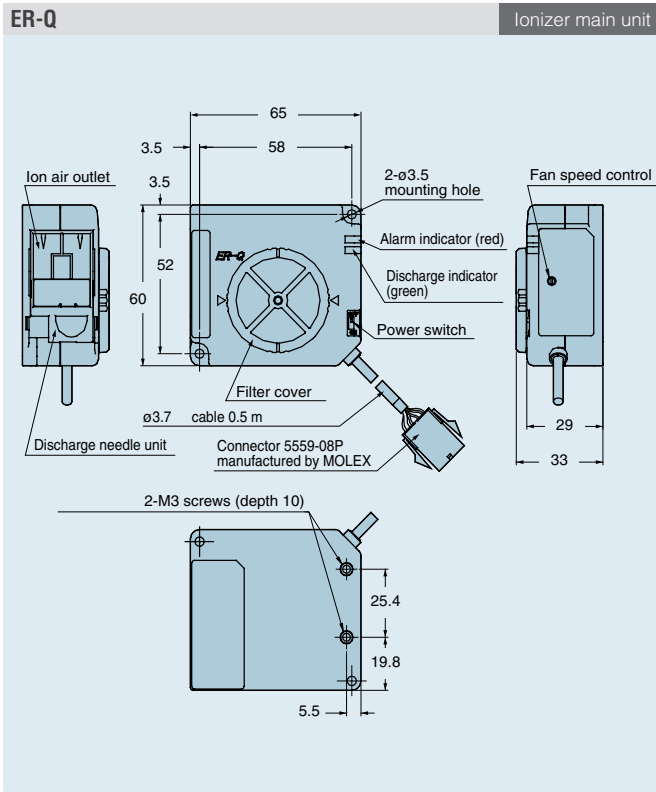
### ER-QFX5/ Air filter

Fan intake filter (5 pcs. per set)

### ER-QANT/ Discharge needle unit

Unit with tungsten needles (1 pc.)

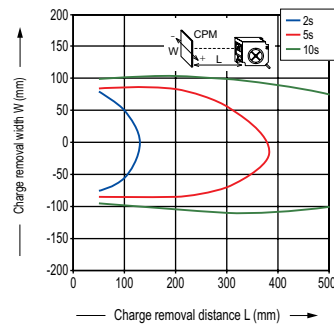
## DIMENSIONS (Unit: mm)



## CHARGE REMOVAL CHARACTERISTICS (TYPICAL)

Measured at center of a 150 x 150mm charge plate monitor.

Charge removal field (horizontal direction) (fan speed MAX, filter is mounted)



Charge removal field (vertical direction) (fan speed MAX, filter is mounted)

