

Ionizer (Basic Fan Type)

ZJ-FA20

CSM_ZJ-FA20_DS_E_2_2

High-speed, High cost performance Ionization



- High-speed ionization in only 0.8 seconds.
- Built-in sensor controls the ion balance at all times.
- Fully open structure makes it possible to perform maintenance simply and safely.
- Can easily be attached to aluminum profiles.



For the most recent information on models that have been certified for safety standards, refer to your OMRON website.



Refer to *Safety Precautions* on page 2.

Ordering Information

Ionizer

Model
ZJ-FA20

Accessories (sold separately)

	Model
Replacement Filter	ZJ9-FL120N1 (set of 10)
Replacement Discharger Electrode	ZJ9-NDT06FN1 (set of 6)

Ratings and Specifications

Ionizer

Item	Model	ZJ-FA20
Power supply voltage		24 VDC
Current consumption		900 mA max. (input from included AC adapter)
Discharge voltage		±7 kV
Discharge method		Variable DC
Airflow (m ³ /min.)		1.4 to 2.3 m ³ /min (typical)
Ionization time *2		1.2 s (0.8 s with no Filter)
Ion balance *2		±10 V max.
Amount of generated ozone		0.01 ppm max. (measured at a distance of 50 mm from air outlet)
Indicators		High-voltage output lamp: ION (yellow), Cleaning lamp: CLEANING (orange), Power lamp: POWER (green)
Main functions		Automatic ion balance adjustment, airflow adjustment, manual ion balance adjustment
Ambient temperature range		Operating and storage: 0 to 50°C (with no icing or condensation)
Ambient humidity range		Operating: 35% to 65%, storage: 35% to 85% (with no condensation)
Weight (packed state)		Approx. 2.0 kg
Materials		Unit: ABS, Discharger: Tungsten, stand: SPCC
Accessories		Instruction sheet, AC adapter *1, warning labels (2 types), FG connection cable (2 m)

*1. Before using, confirm that AC adapter and AC cord which attaches fit in with the standard of the country.

*2. Typical default settings.

Measurement location and conditions: Center of air outlet at a distance of 300 mm, with maximum fan speed
 Ionization time: The time required to lower the charge from ±1,000 V to ±100 V
 Ion balance measurement time: 10 s
 Plate monitor: 150 × 150 mm, 20 pF