

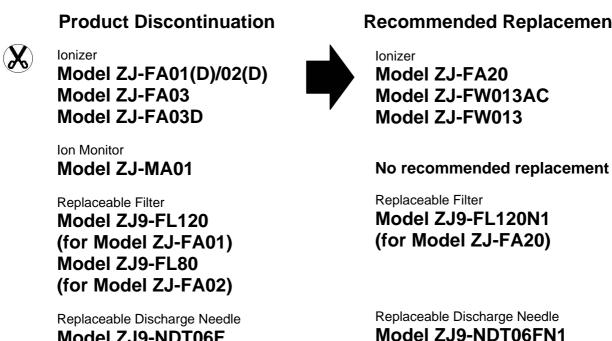
Product Discontinuation Notices



Air Cleaning/Static Electricity Components

April 2, 2012 No. 2012125E

Discontinuation Notice of Fan Type Ionizer Model ZJ-FA01/02/03.



Model ZJ9-NDT06F (for Model ZJ-FA01) Model ZJ9-NDT04F (for Model ZJ-FA02/03)

Recommended Replacement

(for Model ZJ-FA20) Model ZJ9-NDT04FW (for Model ZJ-FW013)

Discontinuation date : The end of March, 2013

Caution on recommended replacement

There is not compatibility in discharge needles either. Please check the discontinued product list.

OMRON Corporation Industrial Automation Company

Difference from discontinued product

Model	Body Color	Dimen sions	Wire connection	Mounting Dimensions	Charact eristics	Operation ratings	Operation methods
ZJ-FA20					*	*	*
ZJ-FA013AC					*	*	*
ZJ-FA013					*	*	*
ZJ9-FL120N1	*		-	-	-	-	-
ZJ9-NDT06FN1	*		-	-	-	-	-
ZJ9-NDT04FW			-	-	-	-	-

** : Fully compatible
* : The change is a little/Almost compatible
- : Not compatible
- : No corresponding specification

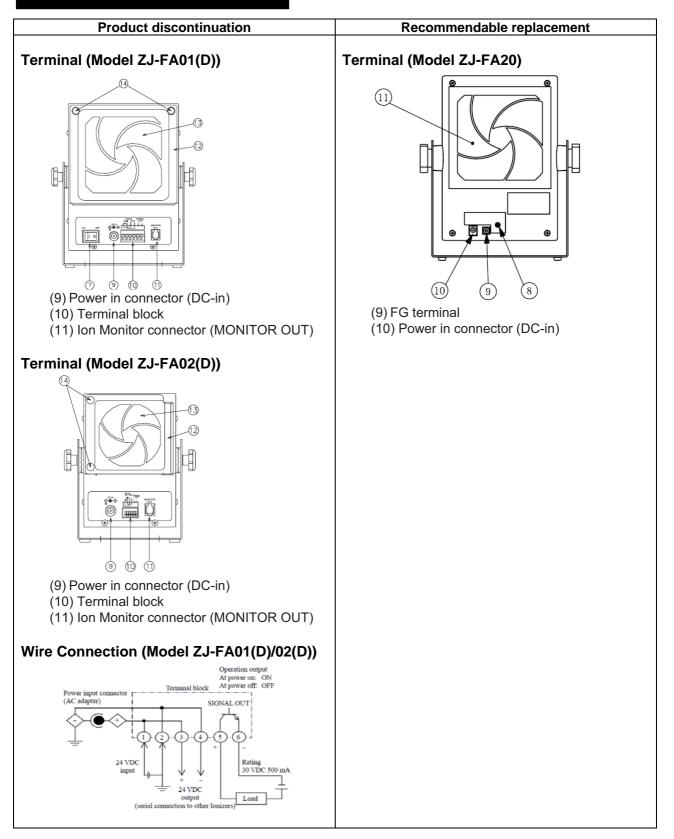
Product Discontinuation and recommended replacement

Product discontinuation	Recommended replacement	
ZJ-FA01	ZJ-FA20	
ZJ-FA01D	ZJ-FA20	
ZJ-FA02	ZJ-FA20	
ZJ-FA02D	ZJ-FA20	
ZJ-FA03	ZJ-FW013AC	
ZJ-FA03D	ZJ-FW013	
ZJ-MA01	No recommended replacement	
ZJ9-FL120 (Replaceable Filter for ZJ-FA01)	ZJ9-FL120N1(Replaceable Filter for ZJ-FA20)	
ZJ9-FL80 (Replaceable Filter for ZJ-FA02)	ZJ9-FL120N1(Replaceable Filter for ZJ-FA20)	
ZJ9-NDT06F	ZJ9-NDT06FN1	
(Replaceable Discharge Needle for ZJ-FA01)	(Replaceable Discharge Needle for ZJ-FA20)	
	ZJ9-NDT06FN1	
ZJ9-NDT04F	(Replaceable Discharge Needle for ZJ-FA20)	
(Replaceable Discharge Needle for ZJ-FA02/03)	ZJ9-NDT04FW	
	(Replaceable Discharge Needle for ZJ-FW013)	

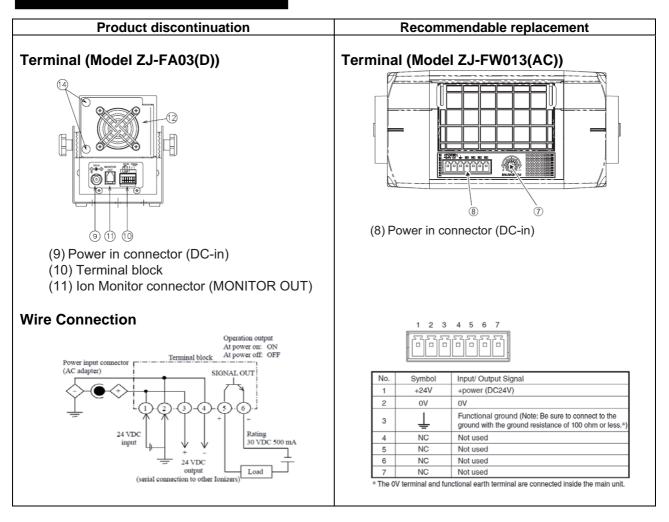
Body color



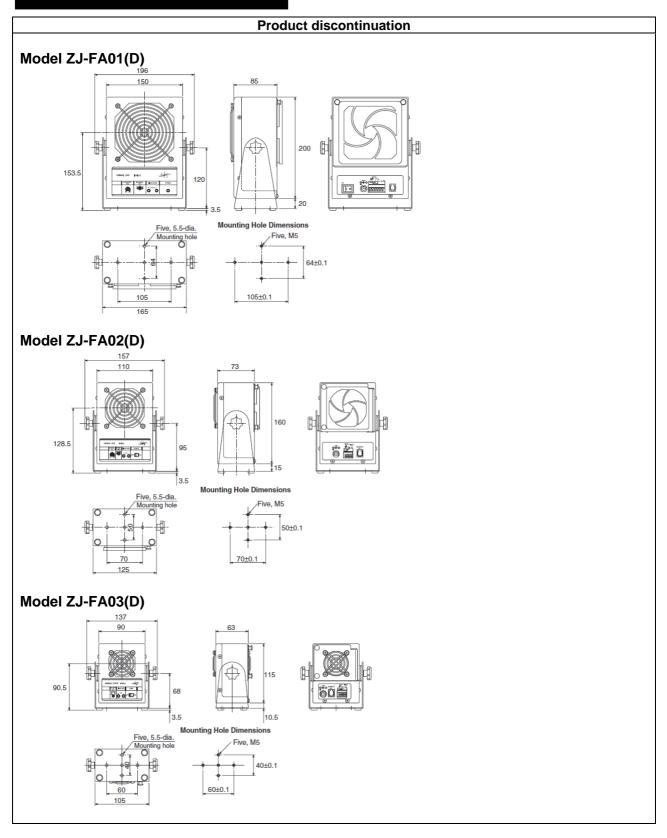
Wire connection



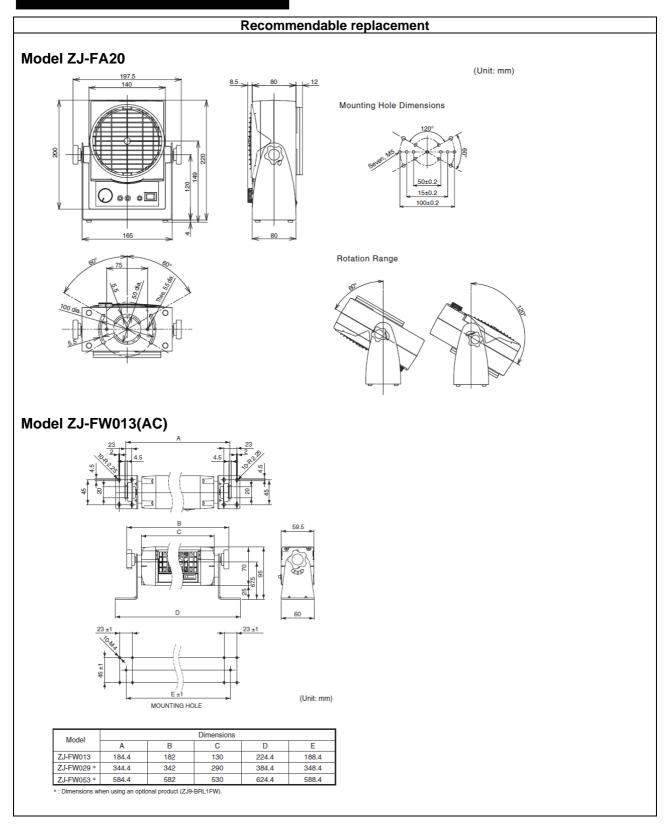
Wire connection



Dimensions / Mounting dimensions



Dimensions / Mounting dimensions



Characteristics

	Product dis	Recommendable replacement Model ZJ-FA20	
ltem	Product discontinuation Model ZJ-FA01(D) Model ZJ-FA02(D)		
Discharge time(*1)	Within 1.5 seconds	Within 3.0 seconds	1.2 seconds (*2)
Power supply voltage	24 VDC ±10% ripple (p	24VDC(*3)	
Current consumption	900 mA max. (*4) 600 mA max. (*4)		900 mA max. (*3)
Output voltage	5.0 KV max.	7.0 KV max.	
Airflow	1.3 to 2.2 m ³ /min	0.47 to 0.8 m ³ /min	1.4 to 2.3 m ³ /min (*2)
Amount of generated	0.01 ppm or less	0.01 ppm or less (measured at	
ozone	(measured at 10 mm fr	50 mm from blow-off port)	
Ambient temperature	Operating: 5 to 40°C, s (with no icing or conde	Operating / storage: 0 to 50°C (with no icing or condensation)	
Ambient humidity	Operating: 35 to 65%, s (with no condensation)	Operating: 35 to 65% Storage: 35 to 85% (with no condensation)	
Weight (In a packed state)	Approx. 3.4 kg	Approx. 2.4 kg	Approx. 2.0 kg
Indicators	Power indicator: green High-voltage output op	Power indicator: green High-voltage output operation indicator: yellow Cleaning indicator: orange	
External output	Operation output: output (30 VDC, 500 mA)		
Materials	Case: SPCC melamine Air channel: ABS Discharge needles: Tu	Case: ABS Discharge needles: Tungsten Stand: SPCC	
Accessories	Instruction Sheets, Wa AC adapter (Type(D): r	Instruction Sheets, Warning labels (2types), AC adapter, FG connection cable(2m)	

(*1) Center of blow-off port, at a distance of 300 mm $\,$

(*2) Typical default settings

(*3) Be sure to use the included AC adapter for Ionizer operation.

(*4) When the Ion Monitor (ZJ-MA01) is connected

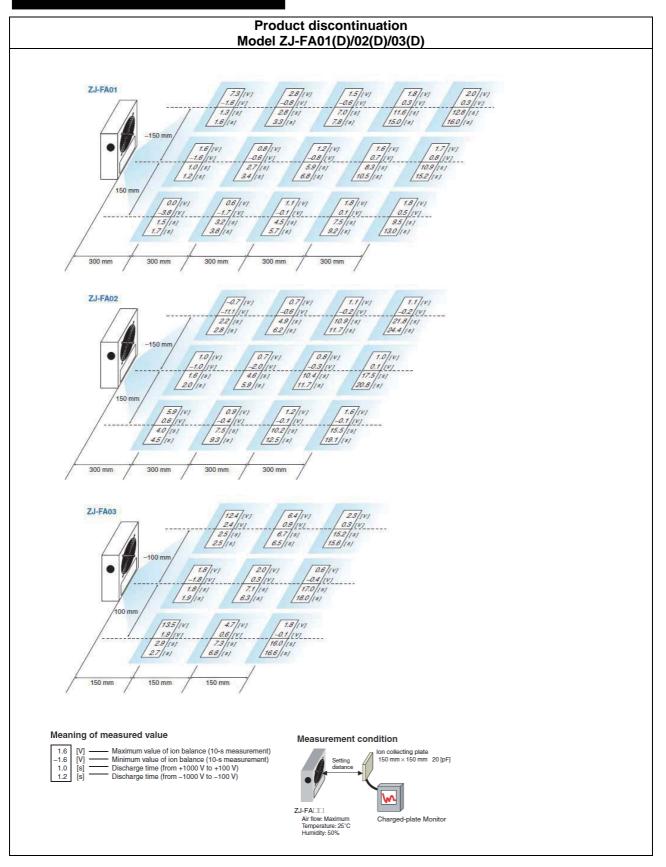
Dimensions

Item	Model ZJ-FA03(D)	Recommendable replacement Model ZJ-FW013(AC)		
Discharge time	Within 1.5 seconds (Center of blow-off port, at a distance of 150 mm)	1.2 seconds (*5) (Center of blow-off port, at a distance of 300 mm)		
Power supply voltage	24 VDC ±10% ripple (peak-to-peak) 10% or less	24 VDC ±10% ripple (peak-to-peak) 10% or less		
Current consumption	600 mA max. (*6)	900 mA max.		
Output voltage	5.0 KV max.	7.5 KV max.		
Ambient temperature	Operating: 5 to 40°C, storage: 0 to 40°C (with no icing or condensation)	Operating / storage: 0 to 50°C (with no icing or condensation)		
Ambient humidity	Operating: 35 to 65%, storage: 35 to 85% (with no condensation)	Operating: 35 to 65% Storage: 35 to 85% (with no condensation)		
Weight (In a packed state)	Approx. 1.9 kg	Approx. 1.2 kg (Model ZJ-FW013)		
Indicators	Power indicator: green High-voltage output operation indicator: yellow	Power indicator: green Fan operation indicator: green Alarm indicator: red Cleaning indicator: yellow		
External output	Operation output: output by photo MOS relay (30 VDC, 500 mA)			
Materials	Case: SPCC melamine baked finished Air channel: ABS Discharge needles: Tungsten	Case: ABS, Frame: Aluminum Discharge needles: Tungsten Mounting bracket: SUS		
Accessories	Instruction Sheets, Warning labels, AC adapter (Type(D): not included)	Instruction Sheets, I/O connector, Streamer, Mounting bracket, AC adapter (only type(AC))		

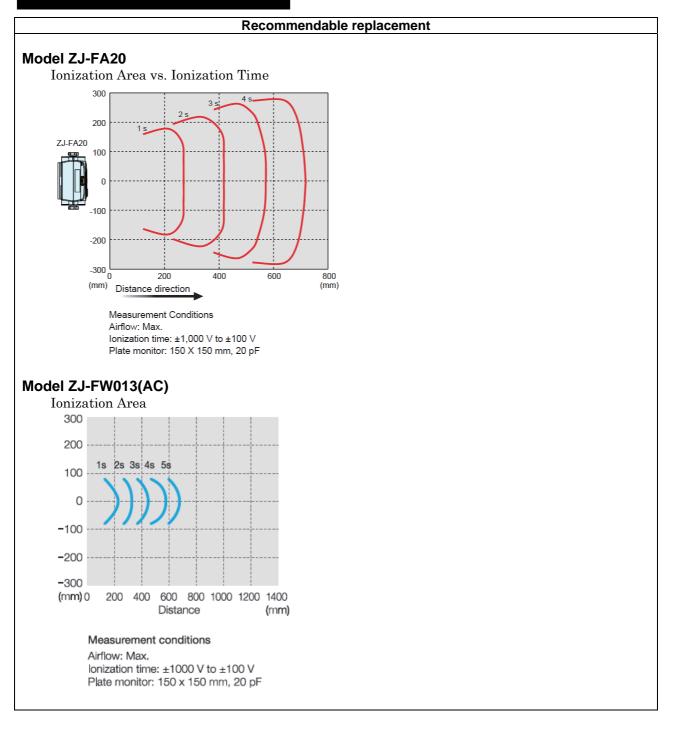
(*5) Typical default settings

(*6) When the Ion Monitor (ZJ-MA01) is connected

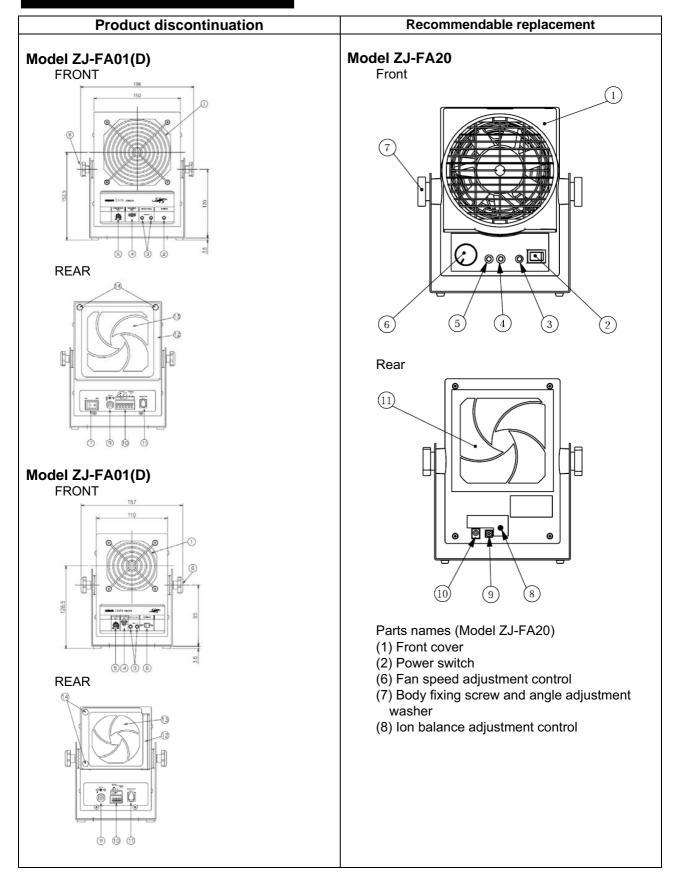
Operation ratings



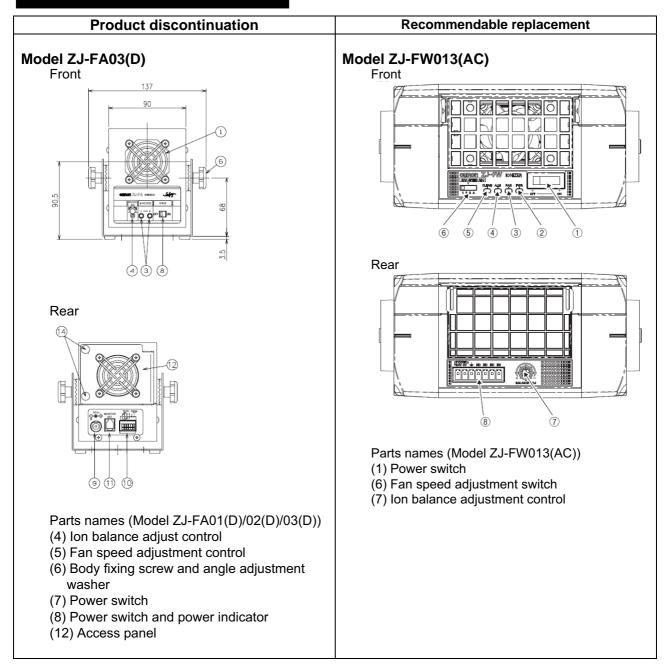
Operation ratings



Operation methods



Operation methods



As of April 2012 In the interest of product improvement, specifications are subject to change without notice.