



SJ-F700
Ionizer



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model			SJ-F700
Voltage application method			Variable DC
Applied voltage			±8200 V max.
Ion balance control method			Multi-I.C.C
Ion balance			When using SJ-FB01: ±1 V *1*2 When not using SJ-FB01: ±3 V *1*2
Static elimination time			Approx. 0.5 s *3*2
Installation distance			50 mm or more
Maximum air volume			4.8 m³/min
Ozone density			0.005 ppm or less
Saved data	Items		Date/time, Ion level, Electrostatic charge level, Air flow, Unit status, Various threshold values, Ion balance, Temperature, Humidity *4
	Sampling cycle		0.1 s
	Data history		Data saved every hour
	Event log		Saved events: Errors, Warnings, Charge level threshold exceeded, Ion balance threshold exceeded, Static elimination start/stop, Power ON/OFF, Clean operation Charge level/ion balance outside threshold/event triggered when: Data stored for 30 seconds before and 30 seconds after an event
Other functions			Auto-clean, Sensor feedback
Input	IN1	Static elimination stop input	Bidirectional voltage input Maximum input rating: 26.4 V, ON voltage: 18 V or higher, OFF current: 0.1 mA or lower, ON current: 3 mA or lower (for 24 V)
	IN2	Clean input	
	IN3	Event trigger input	
Output			Photo MOS relay output, N.O./N.C. switchable, Maximum rating: 26.4 V (50 mA), Residual voltage when ON: 1 V or less
Output	Number of outputs		3 (OUT1 to OUT3)
	Functions		Assignable functions: Static elimination status, Ion level alarm, Condition alarm, Fan rotation speed alarm, Charge level threshold exceeded, System error, Other error, Installation error alarm, Ion balance threshold exceeded, Charged object detection, Feedback sensor error *5
Ethernet	Standard		100BASE-TX
	Connector		RJ-45 8-pin connector
Rating	Power voltage		24 VDC ±10% or dedicated AC adapter (OP-88766)
	Current consumption		Normal (including input/output load): 1.6 A or less Normal (excluding input/output load): 1.45 A or less ECO mode: 0.18 A (typical) *6
Environmental resistance	Ambient temperature		0 to +40°C (0 to +45°C when using OP-88767 or OP-88768)

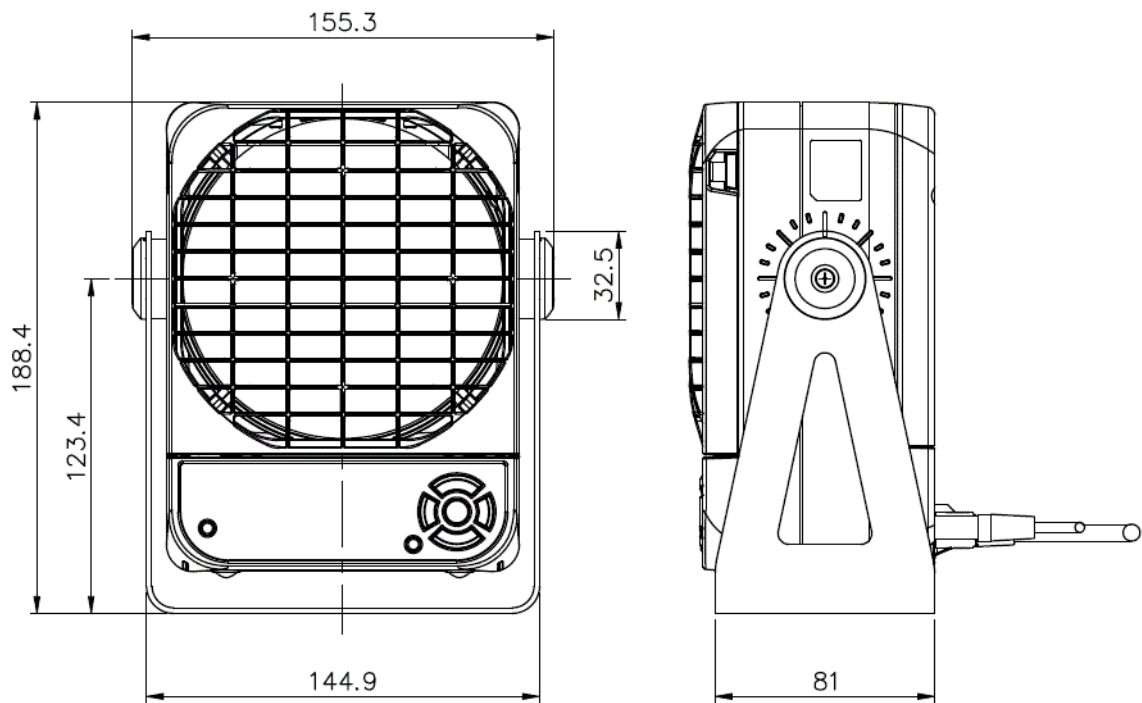
	Relative humidity	35 to 85% RH (no condensation)
	Overvoltage category	I
	Pollution degree	2
Material	Case: PC / ABS*7, Front ventilation guard: SUS, Rear suction guard: SUS, Louvers: PC / ABS*7, Display sheet: PC, Operation buttons: PC, Mounting adapter insulation rubber: Silicone rubber, Bottom insulation rubber: Polyurethane, Mounting fixture: PBT, Terminal block: LCP, Ethernet connector: Brass (tin plated), AC adapter connector: PBT, Attached screws: Iron (trivalent chromate)	
Weight	Approx. 1.2 kg	

*1 At a distance of 300 mm with minimum air flow, straight louvers, and relative humidity of 65%
*2 Conducted in accordance with the following standards: ANSI-ESD-STM3.1, RCJS-TR-5-4, JIS C 61340-4-7, IEC61340-4-7ED.2
*3 At a distance of 300 mm with maximum air flow and straight louvers
*4 Ion balance, temperature, and humidity available only when using the SJ-FB01
*5 Installation error alarm, ion balance threshold exceeded, charged object detection, and feedback sensor error available only when using the SJ-FB01
*6 Input/output not used; 24 VDC input
*7 Sustained electrostatic charge prevention grade

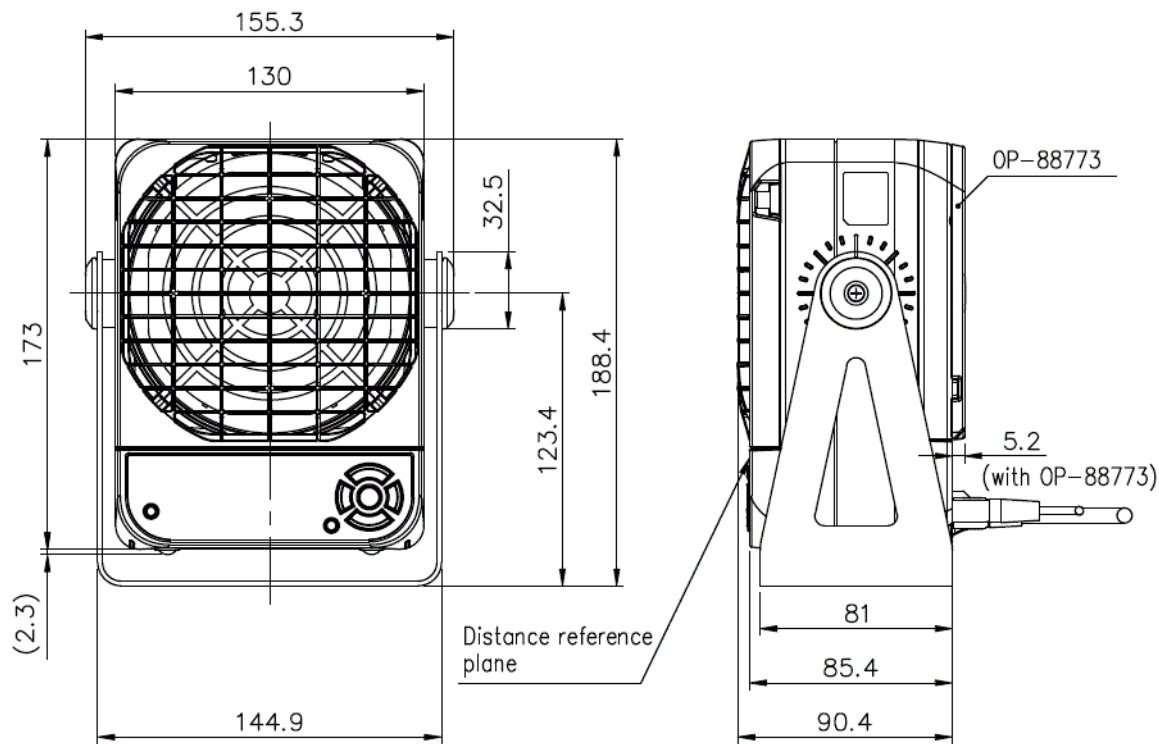
Dimensions

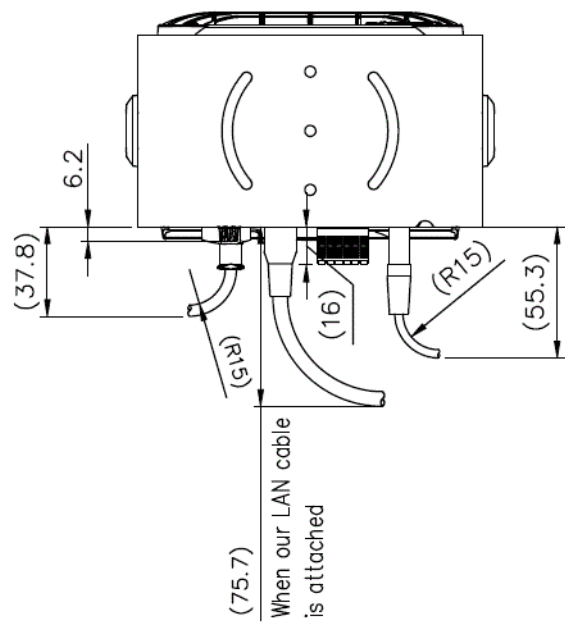
* Download CAD file or product manual for larger image/text and more detail.

SJ-F700&OP-88767

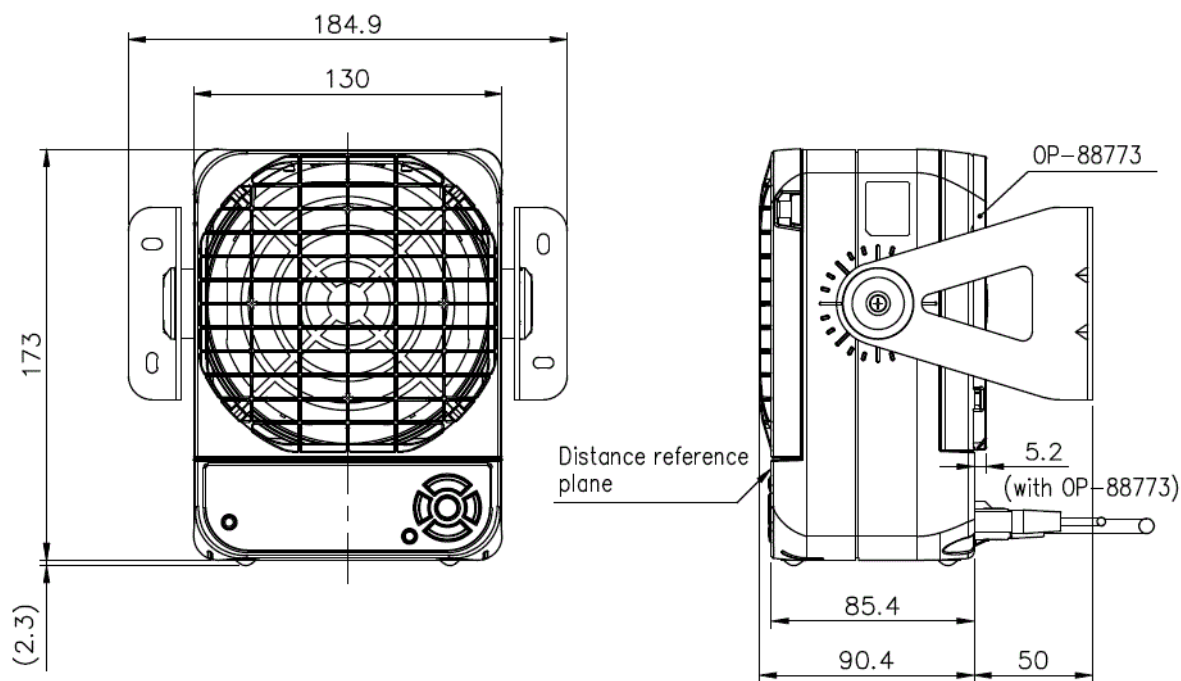


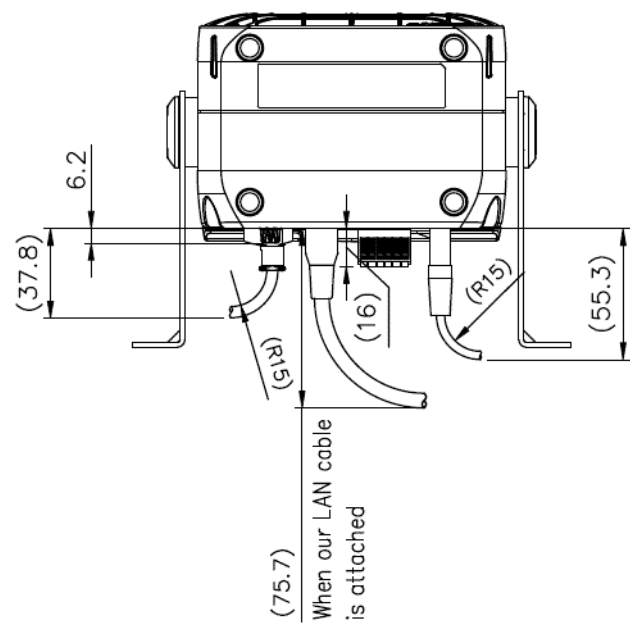
SJ-F700&OP-88767



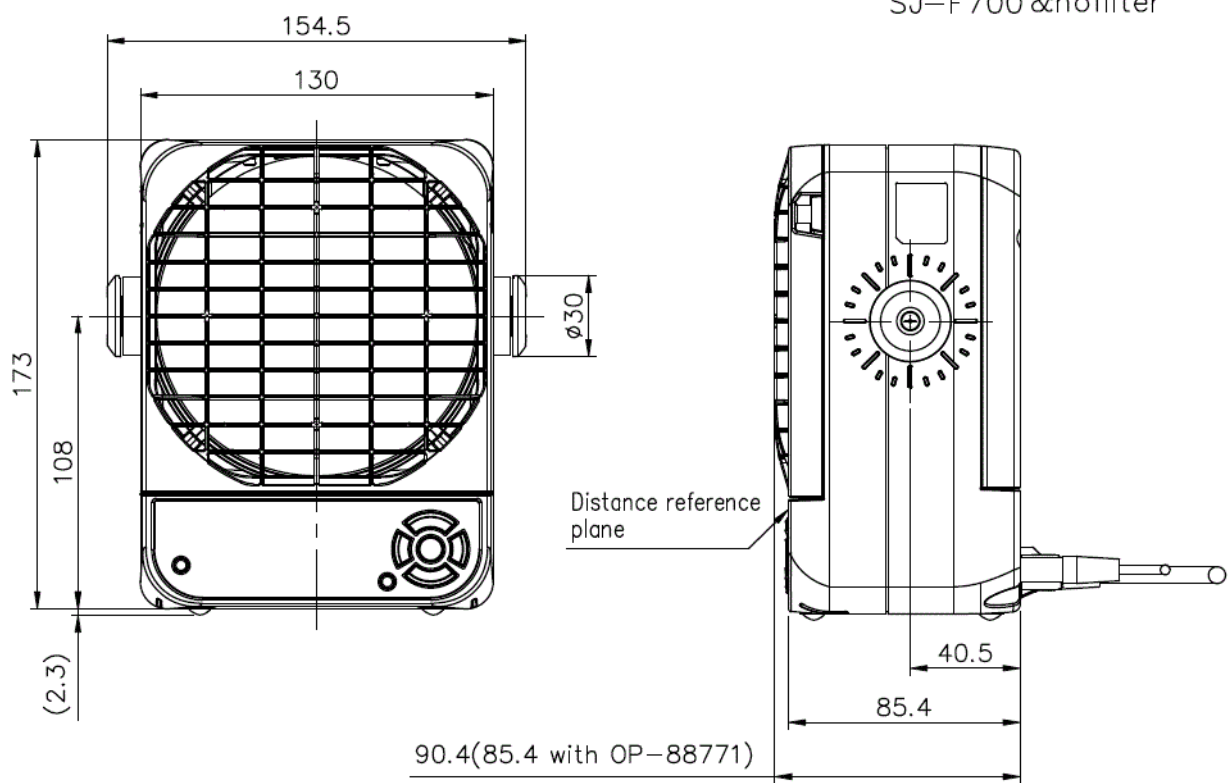


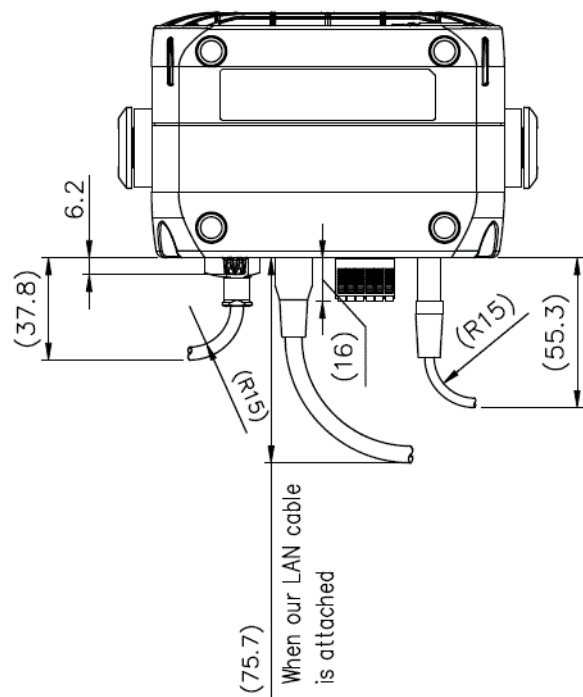
SJ-F700 & OP-88768





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