

Ion Blower

Electrostatic Total Solution

SBL-12A / 12B

With optimized aerodynamic design and fan speed control device, It is effective to ionize short/middle distance. Due to small size and light-weight, the installation access is easier. Easy maintenance by discharge needle cleaning brush and a detachable rubber cover.

Key Features

- Medium and small size Ion Blower
- Easy maintenance via automatic tip cleaning function (SBL-12A)
- Easy separable one-touch rubber cover
- Fan speed control
- Automatic ion balance control
- LED on when ion balance/Fan is abnormal (SBL-12A)
- With RMS, You can control up to 128 devices (Option : SBL-12A)



Specifications

Parameter	Description / Value	
	SBL-12A	SBL-12B
Input Power	DC 24V \pm 5% _Adaptor (AC 110~220V, 50/60Hz, DC 24V, 1A)	
Power Consumption	7.7W (Fan Speed Max.)	7.3W (Fan Speed Max.)
Current Consumption	320mA	300mA
Ion-Generation Method	Steady-State DC	
Air Flow	4.25m ³ /min (Fan Speed Max.)	
Noise Level	62dB (1,000mm Fan Speed Max.)	
Ion Balance	within \pm 5V (600mm, Maximum Air flow)	
Operation Circumstance	0°C~+50°C(32°F~122°F), 35%~85%RH	
Ozone(O3) Concentration	\leq 0.05ppm	
Main Body Material	EGI	
Electrode Material	Tungsten	
Weight	1.42kg	
Function	Tip Cleaning, Auto Tip Cleaning	-
Alarm Function	Ion Unbalance Alarm, Fan Alarm	-
Interface	Remote On/Off, Run State, Alarm, Tip Cleaning, RS 485	-
Option	RMS	-
Warranty	1 year	

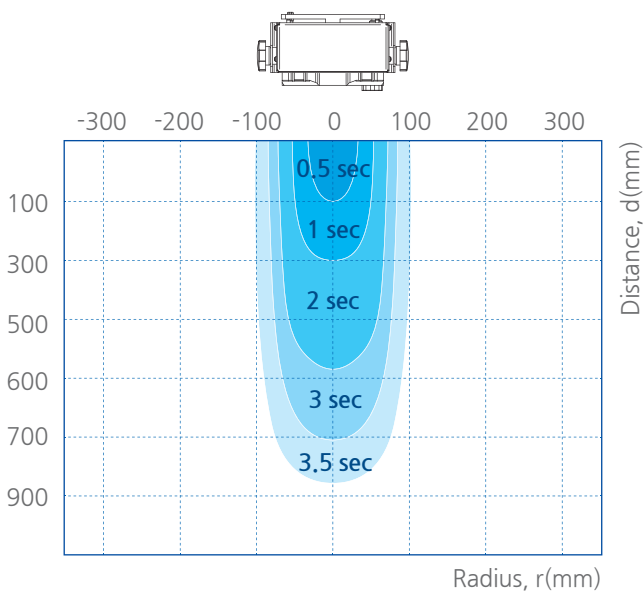
※ The appearance and specification of the product may be changed without prior notice for the improvement of the product.

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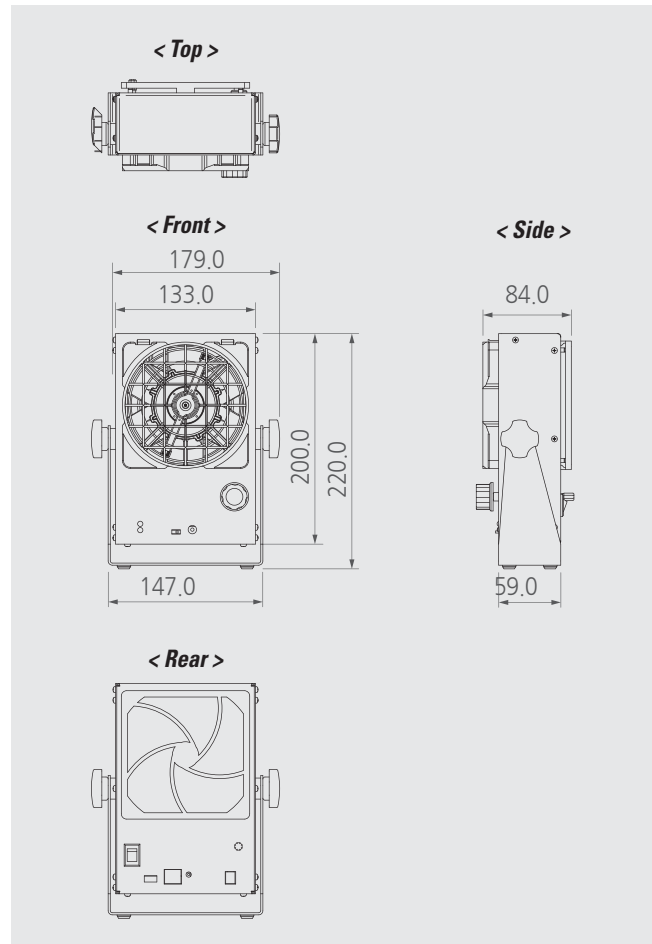
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Decay Time Characteristics

- Model : SBL-12A / 12B
- Decay Time : $\pm 1,000V$ to $\pm 100V$
- Charge Plate Capacitance : 20pF(150 X 150 mm)
- Temperature & Humidity : 24°C, 50%RH



Dimensions

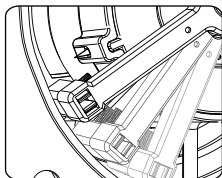


Maintenance

► Tip cleaning

• Tip cleaning button (SBL-12A)

SBL-12A has a brush to clean a discharge needle. When the "Tip Cleaning" button on the front is depressed, SBL-12A will clean the discharge needle automatically for 5 seconds after Fan's operation is stopped.



• Auto tip cleaning (SBL-12A)

If the Power On status of the SBL-12A last more than 24 hours, it will automatically clean a discharge needle every 24 hours. Discharge needle cleaning is executed for 3 seconds after Fan's operation is stopped.

• Manual tip cleaning

Clean a discharge needle in person in case of its serious contamination.

1. Be sure to power off before cleaning the ionizer.
2. Please open the front cover of a SBL-12A or SBL-12B.
3. Soak the cotton swab with alcohol. (do not use acetone)
4. Put the swab on the discharge needle and wipe it turning the swab right and left. (take precautions not to apply severe force to the discharge needle)
5. Replace the damaged discharge needle.
6. After the cleaning, let the alcohol applied to the discharge needle surface evaporate completely and then operate the SBL-12A or SBL-12B.
7. Please record the cleaning process as a reference in the file.