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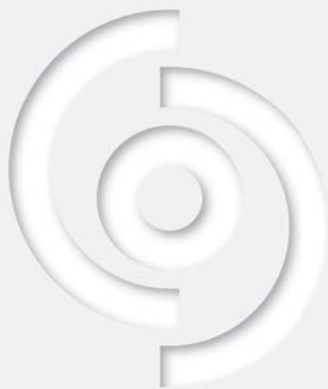
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# The Next Generation ION BLOWER



## SBL-18 / 108

It is effective to ionize short/middle distance. Due to small size and light-weight, the installation access is easier.



### Key Features

- Small size Ion Blower
- Ion Balance within  $\pm 10V$ (SBL-108), within  $\pm 30V$ (SBL-18)(300mm)
- Small and light-weight Ion Blower that can be installed in numerous areas
- Interface available with Automation(PLC, Computer) (SBL-108)
- With RMS, possible to check operation status in real time (Option : SBL-108)

**SUNJE** We are always doing the best  
to satisfy customer needs!

 **Ion Blower**

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## Specifications

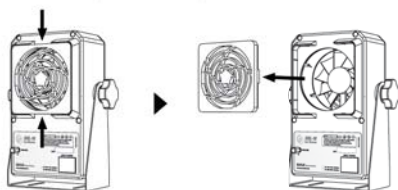
Parameter	Description / Value		Remarks
	SBL-18	SBL-108	
Input Power	AC 110/220V, 50/60Hz	DC24V	SBL-108 : Adaptor (AC 110~220V, 50/60Hz, DC24V, 1A)
Power Consumption	18W	7.3W	Fan Speed Max.
Current Consumption	81mA	300mA	
Ion-Generation Method	DC Type	Steady-State DC	
Air Flow	1.9m <sup>3</sup> /min		Fan Speed Max.
Noise Level	54dB		1,000mm, Fan Speed Max.
Ion Balance	within ±30V	within ±10V	600mm, Maximum Air flow
Operation Circumstance	0°C~+50°C(32°F~122°F), 35%~85%RH		
Ozone(O3) Concentration	≤0.05ppm		
Main Body Material	Non-Flammable ABS		
Electrode Material	Tungsten		
Mounting Method	Desk Top		
Weight	0.8kg		
Function	2 Step Fan Speed		
Alarm Function	-	Ion Unbalance 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.

## Maintenance

### ▶ Separating fan filter case

1. Be sure to power off before separating fan filter case.
2. Rear fan filter case is separated by pulling press the top and bottom by hand.
3. Perform the cleaning or replacing of the fan filter and the discharge needle.

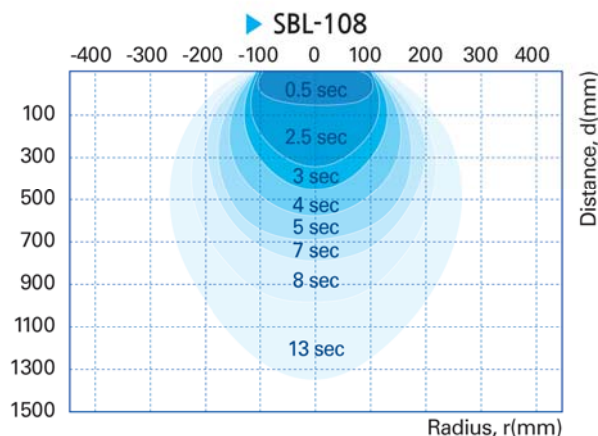
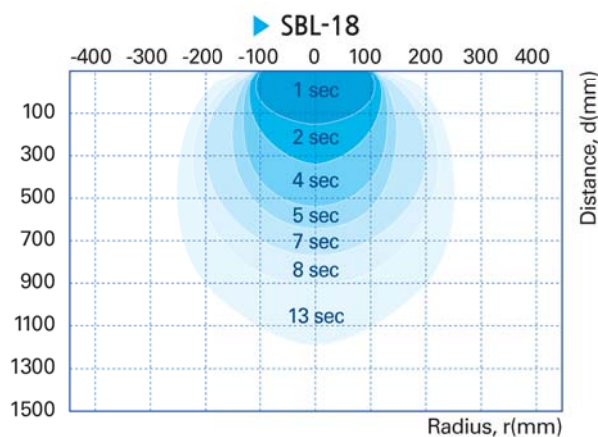


### ▶ Discharge needle cleaning

1. Be sure to power off before cleaning the icnizer.
2. Please separating fan filter case of a SMB-18/108's back side.
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 SMB-18/108.
7. Please record the cleaning process as a reference in the file.

## Decay Time Characteristics

- Model : SBL-18/108
- Decay Time : ±1,000V to ±100V
- Charge Plate Capacitance : 20pF(150 X 150 mm)
- Temperature & Humidity : 24°C, 50%RH



## Dimensions

