

SOB-S Series

It is possible to ionize whole closed space through upper installation. Due to slim and light-weight, the installation access is easier. Easy maintenance using a discharge needle cleaning brush and a detachable rubber cover.

Key Features

- Ionizing whole closed space through upper installation
- 2Fan (SOB-2S), 3Fan (SOB-3S), 4Fan (SOB-4S), 5Fan (SOB-5S) available for customer needs
- Automatic ion balance control
- Slim size, Light-weight, Low-noise
- Easy maintenance via automatic tip cleaning function
- Fan speed control (45Steps)
- Interface available with Automation (PLC)
- Ion unbalance / Fan abnormal buzzer alarm
- With RMS, possible to check operation status in real time (Option)



SOB-2S



SOB-3S



SOB-4S



SOB-5S

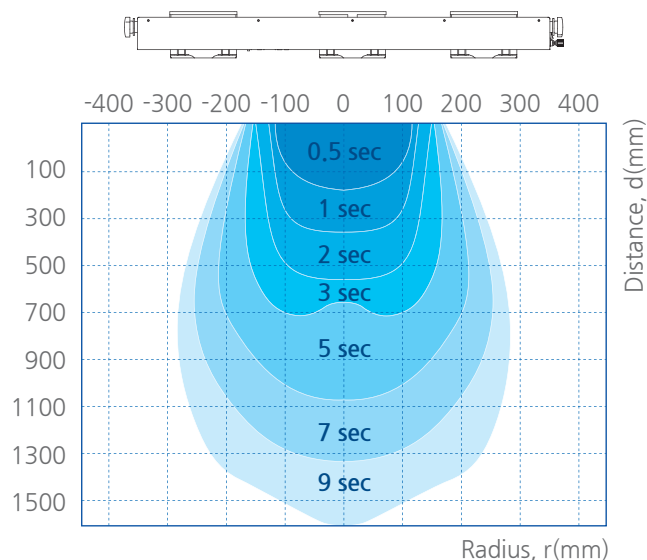
Specifications

Parameter	Description / Value				Remarks
	SOB-2S	SOB-3S	SOB-4S	SOB-5S	
Input Power	AC 100 ~ 240V, 50/60Hz				
Power Consumption	37W	47W	60W	75W	Fan Speed Max.
Current Consumption	168mA	213mA	272mA	341mA	AC 220V
Ion-Generation Method	Steady-State DC				
Air Flow	8.5m ³ /min	12.75m ³ /min	17m ³ /min	21.25m ³ /min	Fan Speed Max.
Noise Level	63dB	64dB	65dB	67dB	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(O ₃) Concentration	≤ 0.05 ppm				
Main Body Material	Aluminum				
Electrode Material	Tungsten				
Weight	3.1kg	4.1kg	5.2kg	6.kg	
Function	4 Step Fan Speed, 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.

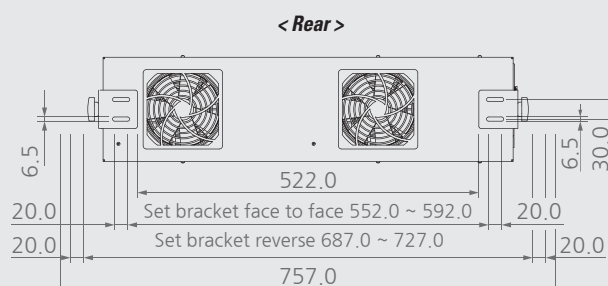
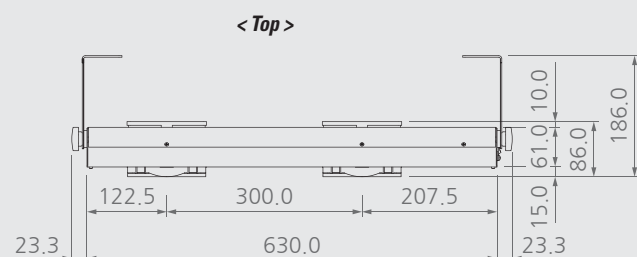
Decay Time Characteristics

- Model : SOB-3S
- Decay Time : $\pm 1,000V$ to $\pm 100V$
- Charge Plate Capacitance : 20pF(150 X 150 mm)
- Temperature & Humidity : 24°C, 50%RH

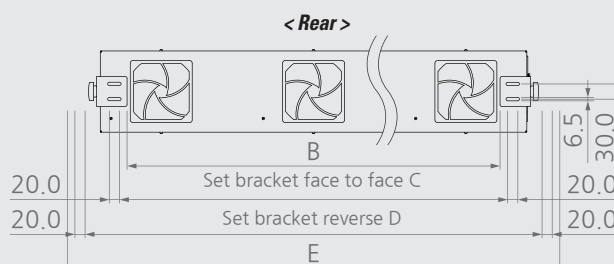
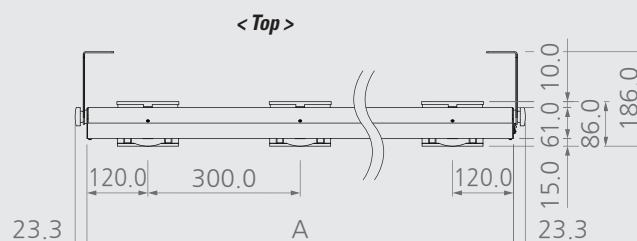


Dimensions

► SOB-2S



► SOB-3S / 4S / 5S



No.	Model No.	A	B	C	D	E
1	SOB-3S	840	732	762~802	897~937	967
2	SOB-4S	1140	1032	1062~1102	1197~1237	1267
3	SOB-5S	1440	1332	1362~1402	1497~1537	1567