

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 ± 2V (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 | 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 | | | | |

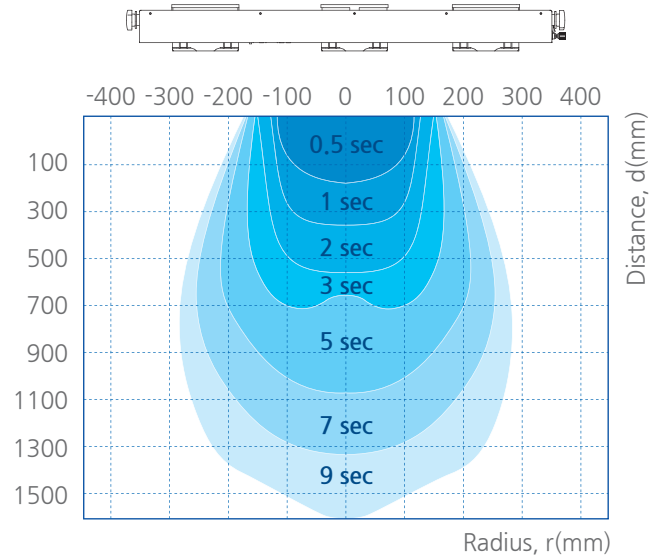
※ The appearance and specification of the product may be changed without prior notice for the improvement of the product.

Ion Blower

Electrostatic Total Solution

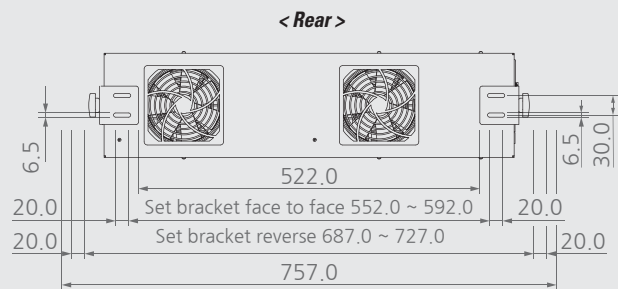
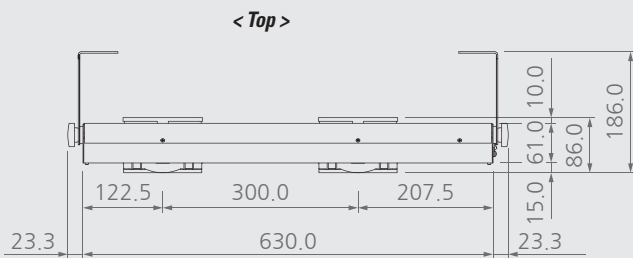
Decay Time Characteristics

- 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

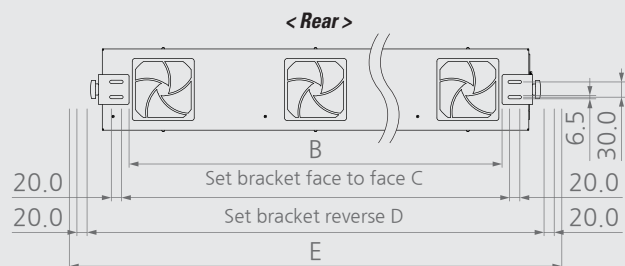
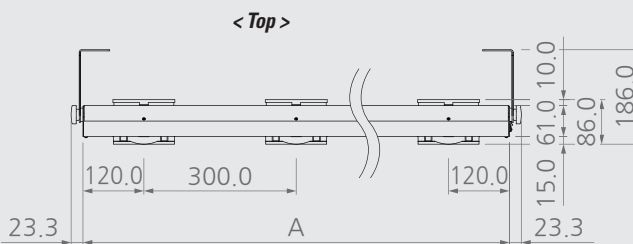


Dimensions

► 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 |