

SBL-30W

Multifunctional Large Ion Blower Delivering Rapid, Long-Distance Static Elimination with Powerful Fan Performance

Engineered with enhanced fan performance, this large-scale model is specialized for swift, long-distance ionization. Featuring an automatic emitter cleaning function and a detachable filter cover, it delivers superior maintainability. Furthermore, comprehensive support for real-time ion balance control and RS-485 communication integration maximizes operational efficiency across wide-area equipment installations.



Key Features



Adjustable Fan Speed



Alarm Function for Monitoring Ion Balance and Fan Anomalies



Real-Time Automatic Ion Balance Maintenance



Convenient Maintenance via Auto Emitter Cleaning



Detachable Filter Cover for Quick and Easy Replacement



Interfacing with Automation Equipment (PLC, RS-485)

Key Technology

Core Technologies for Stable Static Elimination and Effortless Operation

01

Optimal Aerodynamic Design

Through an optimized aerodynamic structure and adjustable fan speed control, it provides powerful, uniform airflow to achieve highly effective static elimination across long distances.

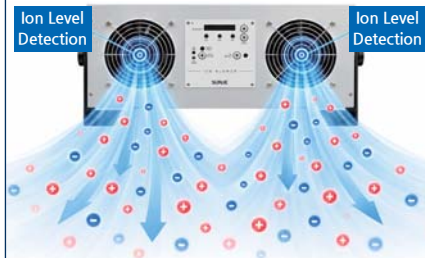
- Optimal Aerodynamic Design
- 4-Step Fan Speed Control
- Long-Distance Ionization Performance

**02**

Automatic Ion Balance Adjustment

The automatic ion balance control system maintains a consistently stable balance despite ambient fluctuations, delivering dependable static elimination and minimizing process variations.

- Automatic Ion Balance Control
- Stable Static Elimination Performance
- Process Deviation Minimization

**03**

User-Friendly Maintenance Structure

Equipped with an automatic emitter cleaning mechanism, a detachable filter cover, and a dedicated cleaning brush, contaminants on the discharge electrodes can be cleared with ease, enabling simple and efficient maintenance.

- Automatic Emitter Cleaning Function
- Dedicated Cleaning Brush
- Detachable Filter Cover



Ion Blower

Electrostatic Total Solution

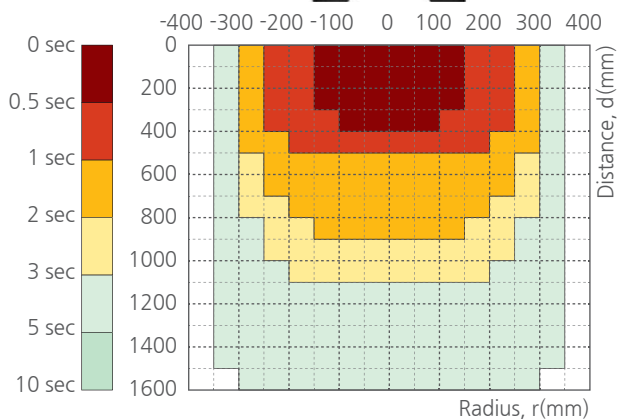
Specifications

Parameter	Description / Value
Input Power	AC 100~240 V, 50/60 Hz
Power Consumption	50 W (Fan Speed Max.)
Current Consumption	227 mA (AC 220 V)
Ion-Generation Method	Steady-State DC
Air Flow	12.4 m ³ /min (Fan Speed Max.)
Noise Level	68 dB (1,000 mm, Fan Speed Max.)
Ion Balance	within ± 5 V (600 mm, 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	6.2 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
Warranty	1 year

※ Specifications and design are subject to change without prior notice for quality improvement.

Decay Time Characteristics

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



Dimensions

