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Model: SL-003 | Brand: LeTkingok

1. PRODUCT OVERVIEW

The LeTkingok SL-003 is an ionizing air blower designed to effectively eliminate static electricity in various environments. It features three fans for broad coverage and adjustable airflow, making it suitable for applications such as equipment production lines, purification workbenches, and hard disk manufacturing.

Key Features:

- Built-in electrostatic needle cleaning brush for simplified maintenance.
- Large coverage area with adjustable airflow for quick static elimination.
- Suitable for diverse industrial applications including production lines and sensitive electronic processes.
- Efficient, intelligent, and stable operation.



Figure 1: Front view of the LeTkingok SL-003 Ionizing Air Blower with key components labeled. This includes the mounting holes, wind covers, high voltage ionization indicator, wind speed adjustment knob, and power switch.

2. SAFETY INSTRUCTIONS

Read all safety instructions carefully before operating the device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply voltage matches the device's requirements (110V).
- Do not operate the device in wet or damp conditions.
- Keep the device away from flammable materials and explosive atmospheres.
- Do not touch the internal components, especially the ionization needles, while the device is powered on.
- Always disconnect power before performing any maintenance or cleaning.
- Ensure proper grounding when installing the unit.
- Do not block the air intake or exhaust vents.
- This device is intended for industrial and professional use. Keep out of reach of children.

3. SETUP AND INSTALLATION

Follow these steps to properly set up your LeTkingok SL-003 Ionizing Air Blower.

1. **Unpacking:** Carefully remove the ionizing air blower from its packaging. Inspect the unit for any signs of damage during transit.
2. **Placement:** Position the blower in the desired location, ensuring adequate space around the unit for proper airflow and maintenance.
3. **Mounting (Optional):** The unit features mounting holes on its sides for secure installation. Use appropriate screws and anchors (not included) to mount the blower to a stable surface if required.



Figure 2: Top-down view of the LeTkingok SL-003 Ionizing Air Blower showing its dimensions (600mm length, 170mm width, 125mm height). The mounting holes are visible along the sides.

4. **Power Connection:** Connect the power cord to a grounded 110V, 60Hz electrical outlet. Ensure the power switch on the unit is in the "OFF" position before connecting.

4. OPERATING INSTRUCTIONS

Operating the LeTkingok SL-003 is straightforward.

1. **Power On:** Flip the power switch to the "ON" position. The high voltage ionization indicator light will illuminate, indicating that the unit is generating ions.
2. **Adjust Airflow:** Rotate the wind speed adjustment knob clockwise to increase the fan speed and airflow, or counter-clockwise to decrease it. Adjust the speed to suit your specific static elimination needs.
3. **Static Elimination:** Position the blower so that the ionized air stream covers the area where static electricity needs to be neutralized. The unit will continuously generate a balanced stream of positive and negative ions to neutralize static charges on surfaces and objects.
4. **Power Off:** When static elimination is no longer required, flip the power switch to the "OFF" position. The ionization indicator light will turn off.



Figure 3: A close-up view of one of the three fans on the LeTkingok SL-003, showing the protective grille and fan blades. This fan generates the airflow for static elimination.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your ionizing air blower.

- **Electrostatic Needle Cleaning:** The SL-003 features a built-in electrostatic needle cleaning brush. Periodically, gently slide the brush back and forth to clean the ionization needles. This removes dust and debris that can accumulate and reduce ionization efficiency. Always ensure the unit is powered off before performing this action.
- **General Cleaning:** Use a soft, dry cloth to wipe down the exterior of the unit. Do not use abrasive cleaners or solvents. Ensure no liquids enter the unit.
- **Fan Grille Cleaning:** If dust accumulates on the fan grilles, use a soft brush or vacuum cleaner to carefully remove it.



Figure 4: A detailed view of a clean fan grille, highlighting the importance of keeping these areas free from dust and obstructions for efficient operation.

- **Inspection:** Periodically inspect the power cord for any damage. If damaged, contact a qualified technician for repair or replacement.

6. TROUBLESHOOTING

If you encounter issues with your LeTkingok SL-003, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; Power switch is off; Faulty power cord.	Check power connection; Ensure switch is "ON"; Inspect power cord for damage.
No ionization (indicator light off).	High voltage circuit issue; Damaged ionization needles.	Ensure unit is powered on; Contact technical support if problem persists.

Problem	Possible Cause	Solution
Weak or ineffective static elimination.	Dirty ionization needles; Blocked airflow; Incorrect fan speed.	Clean ionization needles using the built-in brush; Clear any obstructions from fan grilles; Adjust wind speed knob.
Unusual noise during operation.	Fan obstruction; Loose components.	Power off and inspect fans for obstructions; Contact technical support if noise persists.

If the problem persists after attempting these solutions, please contact customer support.

7. TECHNICAL SPECIFICATIONS

Parameter	Value
Model	SL-003
Voltage	110V AC, 60Hz
Current Consumption	0.45A / 0.9A
Air Output	120-330 CFM (Cubic Feet per Minute)
Operating Temperature	0 - 50 °C (32 - 122 °F)
Ion Balance	$\leq \pm 10V$
Humidity	$\leq 60\%$
Noise Level	59 - 69 dB
Shell Material	Aluminum alloy (surface electrostatic spraying)
Product Dimensions (L x W x H)	600 x 170 x 125 mm (23.62 x 6.69 x 4.92 inches)



Figure 5: The LeTkingok SL-003 Ionizing Air Blower shown from various perspectives, illustrating its compact and robust design suitable for industrial environments.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your LeTkingok SL-003 Ionizing Air Blower, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: LeTkingok

For further assistance, refer to the contact information provided at the point of purchase or on the official LeTkingok website.