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IMPORTANT SAFETY INSTRUCTIONS

Before using this product, please carefully read the following safety instructions and follow all standard safety precautions.



- Please read the user manual thoroughly. Any operation that does not comply with the manual may result in product damage.
- Please keep the user manual for future reference.

Caution:

01. Do not allow individuals with mental or sensory impairments, or those lacking household appliance knowledge, to use this product.
02. Keep children from playing with, operating, or cleaning the machine to prevent injuries.
03. Only authorized technicians are allowed to disassemble the product. Users are strictly prohibited from dismantling the product themselves.
04. Use only manufacturer-recommended or authorized batteries, power adapters, and accessories to prevent product damage.
05. Ensure the power voltage matches the voltage specified on the power adapter.
06. Do not pull or drag the product using the power cord. Be cautious to avoid trapping the power cord in window gaps.
07. Do not charge the product in humid environments, near open flames, or on other household appliances to prevent damage.
08. Keep the product away from cigarette butts, lighters, or any open flames.
09. Do not use the product on cracked, uneven, or damaged glass to prevent glass breakage or product detachment.
10. Avoid using the product on large wet or oily glass surfaces to prevent slipping and falling.
11. Do not place the product in areas where it may fall or near sinks. Never submerge the product in water or other liquids.
12. Do not use the product if the power outlet, power cord, or product itself is damaged. Contact the manufacturer for repairs.
13. While the product is operating, ensure that no people, animals, or valuable items are underneath it. Supervise the product when necessary and assist it if required.
14. The recommended operating temperature for the product is 0°C to 40°C. Avoid charging or using the product beyond this temperature range.
15. This product is intended for indoor use and outdoor environments with protective railings. It is not suitable for commercial or industrial use.
16. The product must remain powered during operation. The built-in backup battery is only for maintaining suction in case of sudden power loss and should not be used as a primary power source.
17. Before performing maintenance or cleaning, unplug the product to avoid pulling the power cord.

18. Follow the instructions in this manual. The manufacturer is not responsible for any loss or injury caused by improper use.
19. Before discarding the product, remove and dispose of the battery according to local laws and environmental regulations.
20. When disposing of the product, first disconnect the power, then remove the battery.
21. Dispose of used batteries in accordance with local environmental laws and regulations.
22. Do not incinerate the product, even if it is severely damaged, as the battery may explode.

Warning:

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children should not play with the appliance. Cleaning and user maintenance should not be made by children without supervision.

Battery safety warning

Robot battery warning

1. Please do not disassemble the inbuilt battery of the product by yourself. If you need to replace it, please contact customer service for professional services.
2. Do not crush, hit or dispose of the battery in fire to avoid battery explosion.
3. Be sure to remove the battery after turning off the power before discarding the product, and properly handle the battery in accordance with relevant regulations.

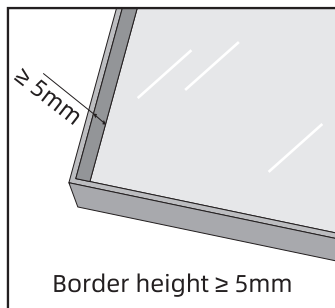
Battery Disposal Instructions

Relevant marks on the battery, instructions and packaging paper have clearly stated that the battery should not be used together with other home appliances. The battery mark contains the chemical symbols Hg, Cd or Pb to indicate that the battery contains mercury, cadmium and other related heavy metal elements that exceed the relevant standards of EC Directive 2006/6. If you need to discard the battery, please handle this product and the battery properly according to the relevant waste recycling instructions.

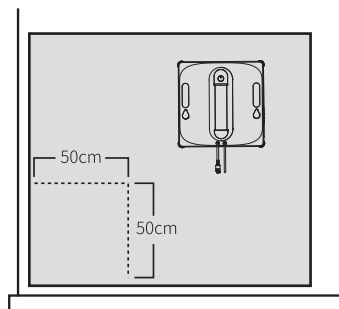
Attention:

Please do not use batteries of other products, otherwise the robot may be damaged.

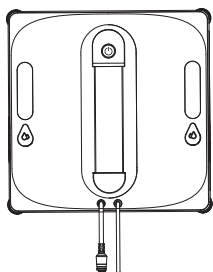
Precautions



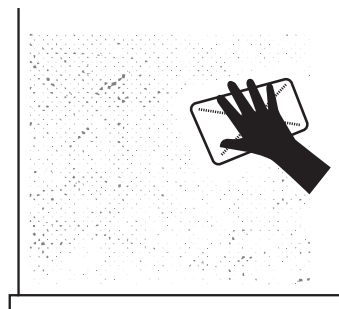
Please use the product on framed glass with a border height of $\geq 5\text{mm}$.



Please use on glass surfaces with an area of $\geq 50\text{cm} \times 50\text{cm}$.



Ensure the product is used with sufficient battery power.

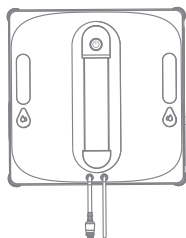


If the glass surface has excessive dust, please first clean an area the same size as the machine before use.

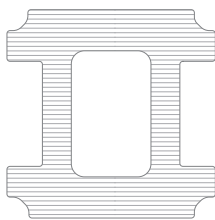
Notice:

- If there are immovable obstacles in front of the window (such as railings or furniture), ensure that the gap between the window and the obstacle is greater than 13cm before using the machine.
- When the machine is in operation, use the remote control to control it.
- The machine may not function properly on non-vertical windows; assist the machine if necessary.
- Ensure the machine is in the correct position and avoid using it in an upside-down state.

ACCESSORIES LIST



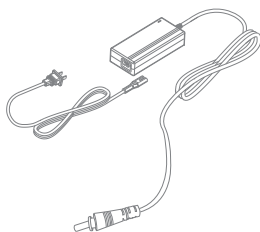
Main Unit



Cleaning Cloth



Water Inlet



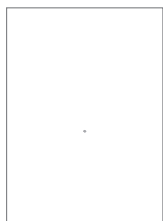
Power Cable



Remote Control



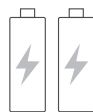
Safety Rope Assembly



User Manual



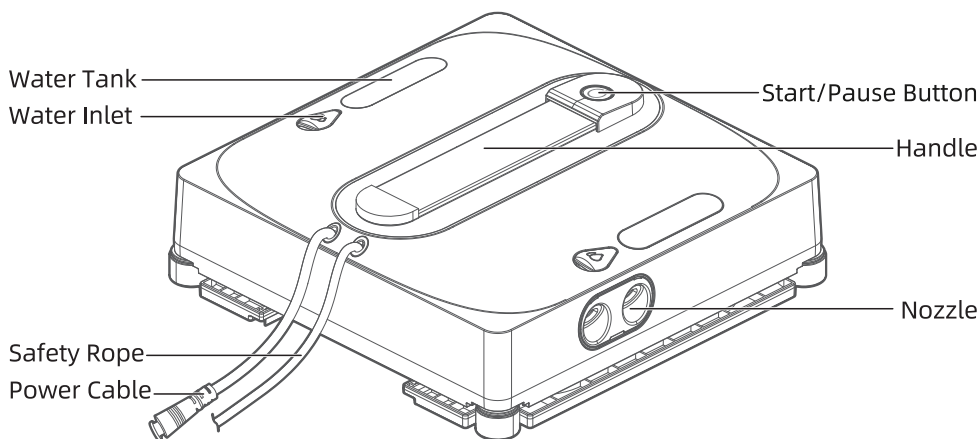
Water Bottle



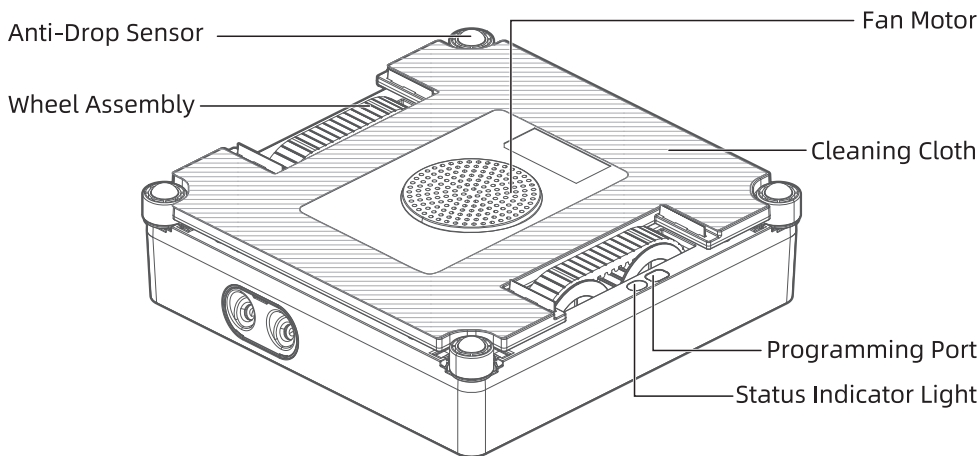
Remote Control Battery

PRODUCT INSTRUCTIONS

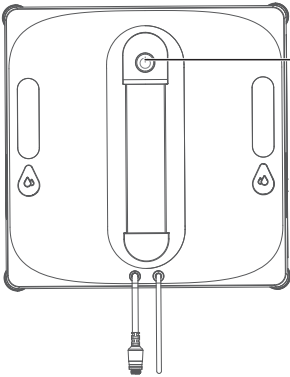
Front of the Main Unit



Back of the Main Unit



INDICATOR LIGHT GUIDE



- Blue Light Steady: Standby / In Operation / Charging Complete
 - ◐ Blue Light Breathing (Fading In & Out): Charging
 - ◑ Blue Light Flashing + Single Beep: Powering On
 - Blue Light Steady + Intermittent Voice Alert: Cleaning Completed
-
- Red Light Steady: Stopped
 - ◑ Red Light Flashing + Intermittent Voice Alert: Wheel Overload
 - ◑ Red Light Flashing + Intermittent Voice Alert: Insufficient Air Pressure
 - ◑ Red Light Flashing + Intermittent Voice Alert: Power Cable Disconnected

REMOTE CONTROL INSTRUCTIONS



- Voice transfer (when robot adsorbed on glass);
 Wheel cleaning (when robot removed from glass)
 - Manual spray
-
- Move up / Move down
 - Move left / Move right
-
- Start/Pause
 - Adaptive Z/N mode
-
- N-mode cleaning
 - Z-mode cleaning
-
- Edge cleaning
 - Spot cleaning

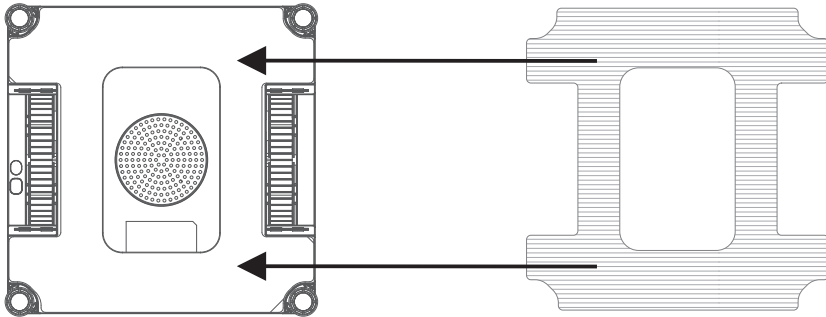
Notice:

Before use, please install the battery in the remote control. If the remote control is not used for an extended period, remove the battery to prevent leakage or damage.

ACCESSORY INSTALLATION

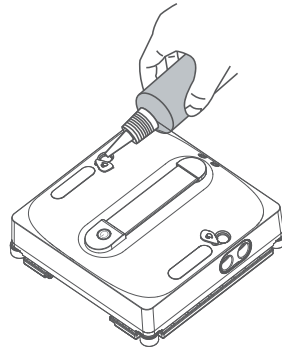
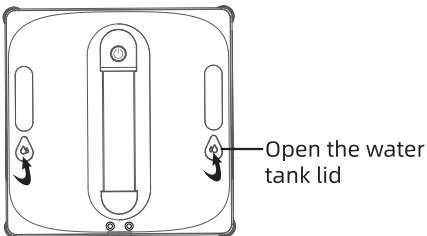
Installing the Cleaning Cloth

Attach the cleaning cloth to the window cleaning board in the direction shown in the diagram below. Ensure the cloth is applied flat and does not cover the four corners of the anti-drop sensors, the wheel surface, or the inner compartment.



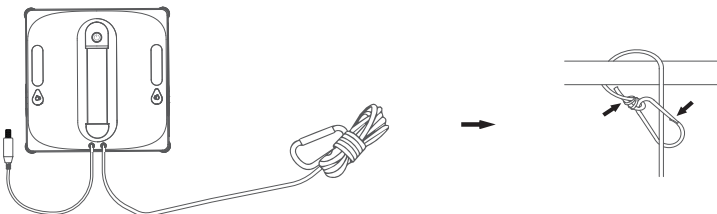
Add clean water or specialized glass cleaner

Please add clean water or glass cleaner to the water tank. Do not add high-foam cleaning liquid, and do not overfill the tank.



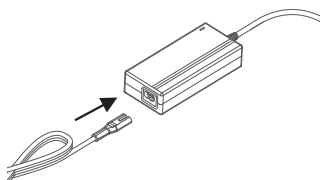
Secure the safety rope buckle (to prevent falling)

⚠ Warning:
Before use, be sure to secure the safety rope properly. It can be wrapped around an indoor object to ensure it is firmly fastened and will not come loose.



Connecting the Power Cable

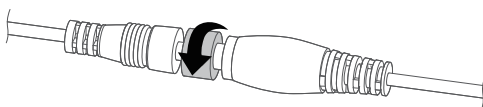
Follow the diagram to connect the power cable, ensuring all connections are secure and tightly fitted.



Notice:

Avoid hanging the power adapter in the air. Ensure it is placed on a stable surface to prevent damage.

Insert the connected power cable into the machine's power port and tighten the fixing knob at the port.

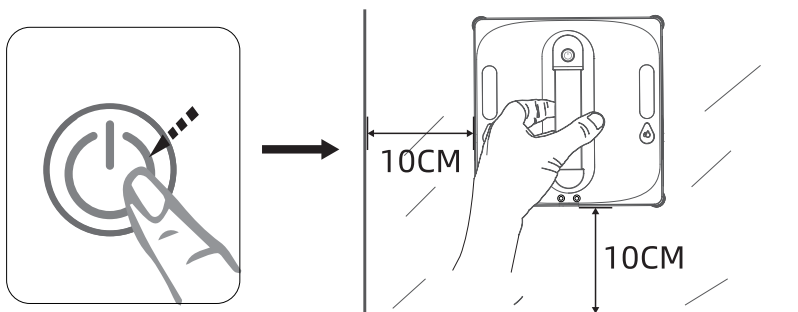


Notice:

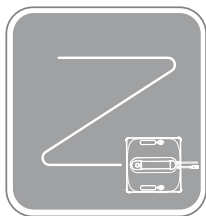
- Please fix the safety buckle at an appropriate position on the inside of the glass.
- When cleaning outdoor glass windows (such as those with a balcony or railing protection), ensure the window is closed, leaving only a small gap for the safety rope (do not exceed the diameter of the safety buckle).
- Do not disconnect the power while the machine is operating, as this may cause it to fall.
- Keep the fan away from hair and small objects to prevent blockage, which could affect the machine's performance.

Start Cleaning

Place the machine against the glass. **(Note: Keep a distance of at least 10 cm from the edges of the glass. Do not start the machine near the glass edge or gaps.)** Press the main unit button to start the machine. A flashing blue light indicates the suction process, and a steady blue light means successful suction. Press the main unit button again to begin automatic cleaning.

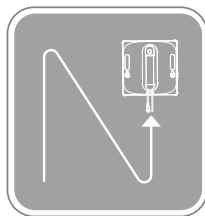


Cleaning Modes



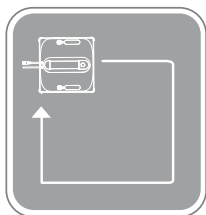
"Z" Pattern Cleaning

Function: Suitable for wide glass surfaces, cleans in a Z-shaped route.
Operation: Press the "Z" Cleaning button on the remote control.



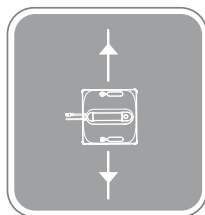
"N" Pattern Cleaning

Function: Suitable for narrow glass surfaces, cleans in an N-shaped route.
Operation: Press the "N" Cleaning button on the remote control.



Edge Cleaning

Function: Cleans along the edges of the glass.
Operation: Press the Edge Cleaning button on the remote control.

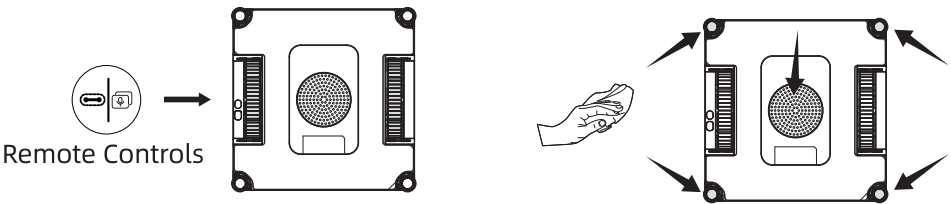


Spot Cleaning

Function: Repeatedly cleans a specific area back and forth.
Operation: Press the Spot Cleaning button on the remote control.

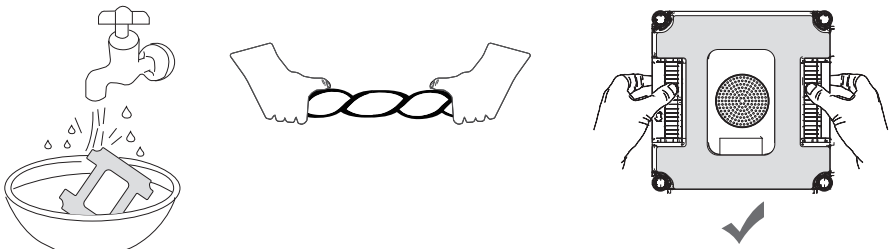
CLEANING AND MAINTENANCE

Wipe the spherical sensor, fan, and two tracks on the bottom of the machine with a dry cloth to prevent suction loss and maintain sensor sensitivity for optimal cleaning performance.



Note: Turn off the power before cleaning the cloth and bottom components.

Remove the cleaning cloth and soak it in clean water for 2 minutes, then gently hand wash it. Wring it out thoroughly until no water drips, then lay it flat on the machine before use. Ensuring the cloth is properly wrung out prevents the machine from slipping.



Note: The cleaning cloth is correctly installed only when the tracks are exposed.

PRODUCT SPECIFICATIONS

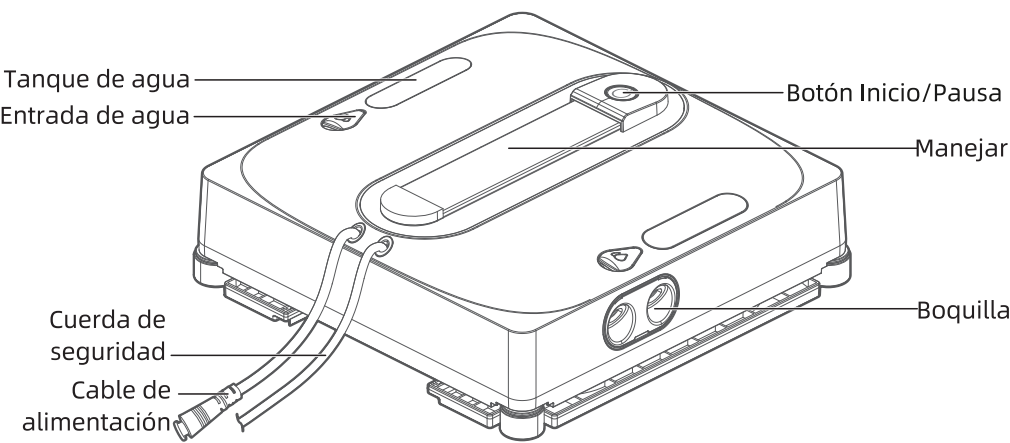
Components	Specifications	Specifications
Main Unit	Operating Voltage (V)	24V
	Rated Power (W)	≤72W
Remote Control	Rated Output Voltage (V)	3V
Power Adapter	Model: BZ065-240300-E2	Input: 100-240V~ 50/60Hz, 1.5A Max
		Output: 24V === 3.0A

TROUBLESHOOTING GUIDE

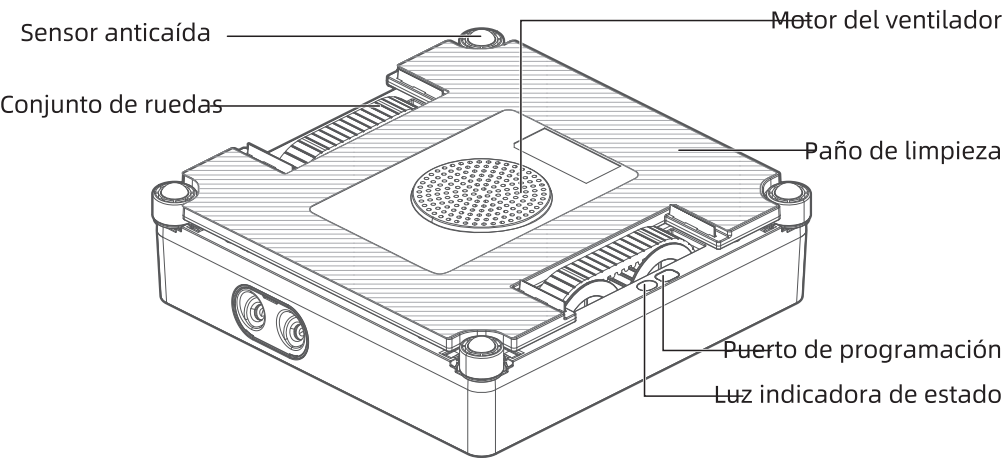
No.	Issue	Possible Cause	Solution
1	Machine is attached to the glass, but the blue light keeps flashing.	Cleaning cloth is not installed correctly.	Remove the cleaning cloth and reattach it properly.
		Glass surface is too dirty.	Wipe a clean area to ensure the machine attaches successfully.
2	Red light flashing alarm.	Incorrect power connection.	Press the "Start/Pause" button to pause the machine, then use the remote control arrow keys to move the machine to an easily accessible position and remove it. Reconnect the power cable.
		Insufficient vacuum suction.	Use the remote control arrow keys to move the machine back to a safe position as needed.
		Wheel overload.	Ensure the machine is in a safe position, then press the "Z" button on the remote control followed by the "N" button to restore normal operation.
3	Machine in operation, pink light stays on.	Anti-drop sensor malfunction.	Check if the anti-drop sensor is loose or faulty, and wipe off any dust or stains. If the issue persists, contact customer service.
		Collision sensor malfunction.	Check if the collision sensor is stuck or malfunctioning, and try gently shaking it. If the issue persists, contact customer service.
4	Machine drive wheels spinning idle, abnormal movement path.	Glass surface too dirty.	a. Wipe the drive wheels. b. Replace the cleaning cloth.
5	Remote control not working.	During machine operation, only the "Start/Pause" button is functional.	Pause the machine first, then try using other buttons on the remote control.
		Remote control is not paired or pairing has failed.	If the issue persists, contact customer service.

INSTRUCCIONES DEL PRODUCTO

Frente de la unidad principal



Parte trasera de la unidad principal





CUSTOMER SERVICE

Please contact us if you need any help as following:

- Technical Support
- Package is NOT in perfect condition
- Parts missing
- Any other quality issues

Email: support@lubluelu.com

Website: lubluelu.com

Manufacturer: Guangzhou Chuangyuan Robot Corporation Limited

Address: Floor A5, Building #4, No. 282, Caixin Road, Lanhe Town, Nansha District, Guangzhou City, P.R. CHINA



Name: GAVIMOSA CONSULTORIA, SOCIEDAD LIMITADA

Address: CASTELLANA 9144, 28046 Madrid

Email: compliance.gavimosa@outlook.com



Name: Sea&Mew Accounting Ltd

Address: Electric Avenue Vision 25, London, Enfield EN3 7GD

Email: info@seamew.net



MADE IN CHINA