

项目名称

G2579

版本号

S00

设计时间

2026/05/18

物料名称

基站版擦窗机器人说明书（美版）

设计师

刘梦雅

审核

批准

料号

材质工艺要求：

材质要求：封面 157g 哑粉纸 + 哑膜 内页 70g 双胶纸 80P

颜色及专色： Pantone cool gary 11C

尺寸要求：176*250mm 骑马钉

变更履历：



MOVA T1 Station Window Cleaning Robot User Manual

The illustrations in this manual are for reference only.
Please refer to the actual product for accuracy.

Station

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FR		P29~P53
ES		P54~P78

Original Instructions

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1 Safety Information

1.1 IMPORTANT SAFETY INSTRUCTIONS

- WARNING :** Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
- 1. This appliance can be used by 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 shall not play with the appliance. The appliance is not to be used if it has been dropped, if there are visible signs of damage or if it is leaking. Keep the appliance out of reach of children when it is energized.
 - 2. Do not use and charge the Appliance in extremely hot or cold environments (below 0°C/32°F or above 40°C/104°F, above 85% humidity), or it may affect battery life span.
 - 3. The Appliance can be used to clean exterior windows if it is properly tethered to a safe position with the Carabiner, winds are calm, and it is not raining or snowing.
 - 4. Before use, please use the Carabiner to lock the safety tether to a strong indoor railing, and make sure Robot is securely attached to it.
 - 5. Do not leave the Appliance unattended when using it. To prevent bodily injury or property damage caused by accidental falling of the Appliance, please make sure there are no people, animals, or valuable, fragile objects under the working area of Robot.
 - 6. Do not use the Appliance in whole gale storms and force-10 winds, or in areas where the altitude exceeds 2000 meters (6562 feet).
 - 7. Do not leave the Appliance unattended when it is plugged in.
 - 8. For household use ONLY (including exterior window). Do not use the Appliance in commercial or industrial environments.
 - 9. Do not use on broken or uneven glass, such as glass with static cling stickers, advertising posters, or raised patterns, so as to prevent glass breaking or Appliance’s falling. Do not use on surfaces with gaps, such as a piece of glass with gaps or holes, or two pieces of adjacent, frameless glass with a gap between them, so as to prevent the Appliance from falling due to poor attachment.
 - 10. Only use accessories recommended or supplied by the manufacturer.
 - 11. Please make sure your power supply voltage matches the power voltage marked on the Robot.
 - 12. Do not use the Appliance on a framed glass with a frame smaller than 5 mm (0.2 in).
 - 13. Do not use on glass less than 3 mm (0.12 in) thick or mirrors less than 4 mm (0.16 in) thick.
 - 14. Do not use on glass or mirrors with a handle height of 70~105 mm (2.76~ 4.13 in).
 - 15. Do not use the Appliance on greasy windows.
 - 16. When used in high humidity environment, the cleaning performance will be affected.
 - 17. Store the Appliance away from heat and flammable materials.
 - 18. In rainy weather, do not use the Appliance on the exterior window to avoid the

risk of Appliance's damage or falling.

19. Do not use the Appliance if it does not firmly attach to the glass or has visible signs of damage.
20. To reduce the risk of electrical shock, do not put the Appliance in water or other liquid. Do not place or store Appliance where it can fall or be pulled into a tub or sink.
21. Pressing the power button continuously for 3 times can disconnect the device from the network.
22. Do not touch power plug with wet hands.
23. When charging the Appliance, do not place it on other electrical appliances and keep it away from fire and liquid.
24. Take care not to damage the power cord. Do not pull on or carry the Appliance by the power cord, use the power cord as a handle, close a window on the power cord, or put heavy weights on the power cord. Keep power cord away from hot surfaces.
25. Do not use with a damaged power cord or receptacle. Do not use the Appliance if it is not working properly, has been dropped, damaged, or come in contact with water. It must be repaired by the manufacturer or its service agent in order to avoid a hazard.
26. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent in order to avoid a hazard.
27. The plug must be removed from the receptacle before cleaning or maintaining the Appliance. Do not unplug the Power Adapter by pulling on the power cord.
28. The Safety Battery must be replaced by the manufacturer or its service agent in order to avoid a hazard.
29. The Safety Battery must be removed and discarded according to local laws and regulations before disposal of the Appliance.
30. The Appliance must be disconnected from the receptacle before removing the battery for disposal of the Appliance.
31. Please dispose of used batteries according to local laws and regulations.
32. Do not incinerate the Appliance even if it is severely damaged. The battery can explode in a fire.
33. The Appliance must be used in accordance with the directions in this Instruction Manual. The company cannot be held liable or responsible for any damages or injuries caused by improper use.
34. **WARNING:** For the purposes of recharging the battery, only use the detachable supply unit provided with this Appliance.
35. The robot contains batteries that are only replaceable by skilled persons.
36. The plug must be used indoor.
37. If the vacuum glass, which Robot is working on, is leaking, remove Robot immediately after cleaning is completed.
38. Before cleaning, please observe the area to attach Robot for any small particles. If there are any, please remove them or switch to a particle-free area to avoid scratching the glass.
39. Clean the Cleaning Cloth in time and make sure that any small particles on it are completely removed to avoid scratching the glass.

SAVE THESE INSTRUCTIONS

To satisfy RF exposure requirements, a separation distance of 20 cm or more should be maintained between this device and persons during device Operation.

1.2 FCC&IC Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

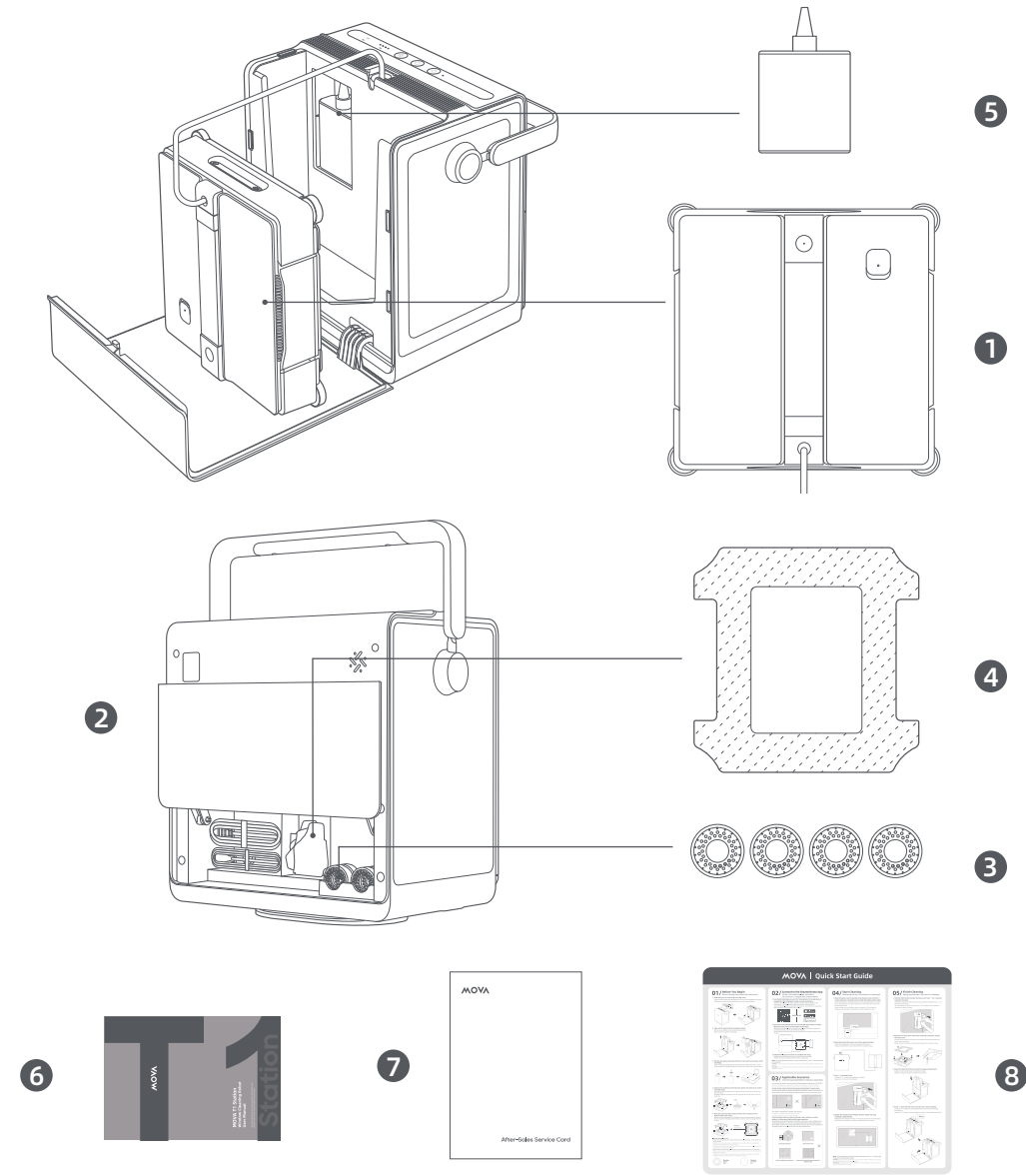
1.3 Correct Disposal of this Product

This marking indicates that this product should not be disposed of with other household waste throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To recycle your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can safely recycle this product.

	Read the instructions.
	Class II
	For indoor use only
	Direct current
	Alternating current

2 Product Introduction

2.1 What's in the Box



- 1 Robot

2 Station

3 Corner Brush × 2 (Pre-installed)

4 Cleaning Cloth × 2 (1 Pre-installed)
- 5 Window Cleaning Solution (230 mL)

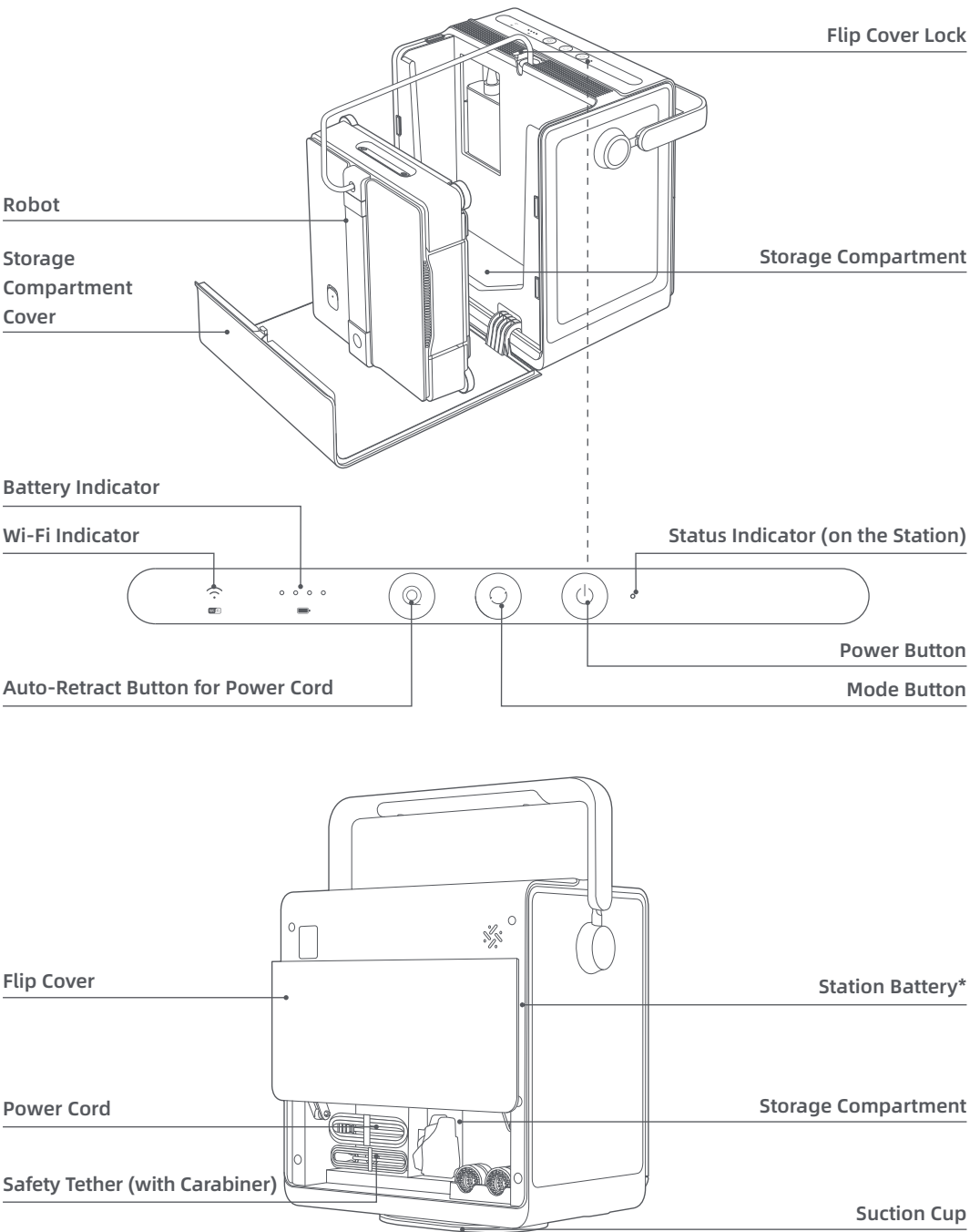
6 User Manual

7 Warranty Card

8 Quick Start Guide

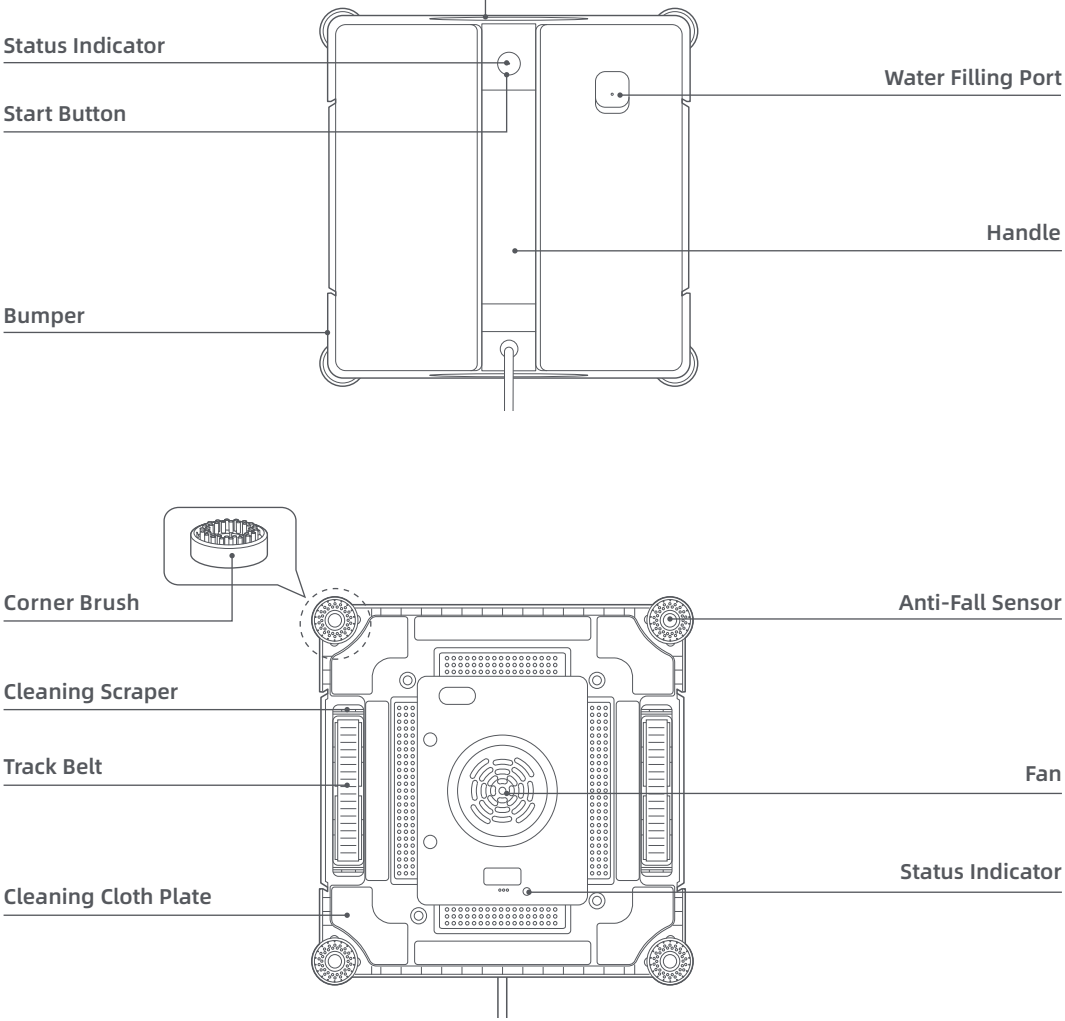
2.2 Product Overview

Station



Robot

Spray Nozzles



*The station battery consists of two levels. The operational battery level powers both the robot and the station during normal operation. The safety battery level provides emergency backup to keep the robot attached to the window when the battery is low.

2.3 Controls and Indicator Light

Functions	Button Position	Description
Detach the Robot	On the Robot	Press and hold  for 2 seconds.
Turn on the Fan	On the Robot	Press  after powering on the robot.
Power On/Off	On the Station	Press and hold  on the station for 2 seconds.
Detach the Station Suction Cup	On the Station	Press and hold both  and  on the station simultaneously for 2 seconds.
Switch Cleaning Modes	On the Station	The robot operates in Complete Deep Cleaning mode by default, which includes cleaning along the edges once. Press  to switch between cleaning modes: • Quick Cleaning (does not clean edges) • Edge Cleaning (includes one boundary pass)
Reconnect to Wi-Fi/Bluetooth	On the Station	Press and hold  and  simultaneously for 2 seconds. Note: Upon first use, the robot automatically enters network configuration mode after powering on.
Auto-Retract the Power Cord	On the Station	Press  .
Wake Up the Robot	On the Station or the Robot	Press any button while the robot is in standby to resume operation.
Restart/Pause/Continue a Task	On the Station or the Robot	After the robot attaches to the window, press  on the station or  on the robot.

Indicator Lights

Status Indicator on the Robot:

- Steady Green: The robot is functioning properly.
- Steady Red: An error occurs while the robot is not attached.
- Flashing Red: An error occurs while the robot is attached.

Status Indicator on the Station:

- Steady Green: Both the robot and the station are functioning properly.
- Steady Red: An error occurs in either the robot or the station.
- Flashing Red: Insufficient battery power for operation or backup, and the station is not connected to a power source.
- Pulsing Green: Firmware update in progress.

Wi-Fi Indicator:

- Pulsing Green: Connecting to Wi-Fi or Bluetooth.
- Steady Green: Successfully connected to Wi-Fi or Bluetooth.

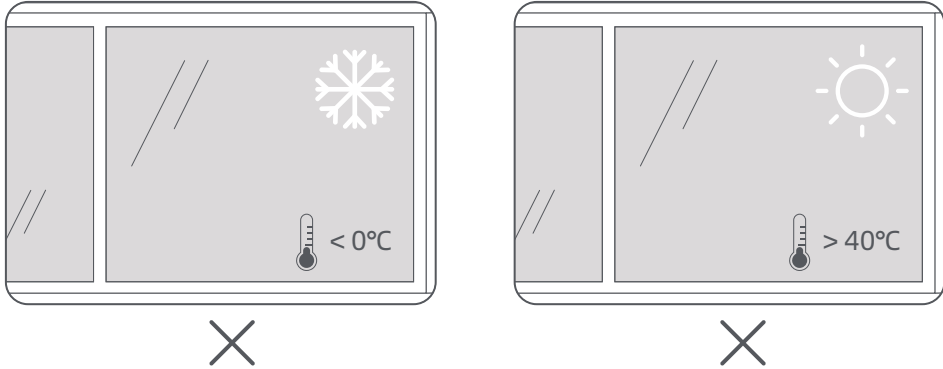
Battery Indicator:

- Steady Green: Battery level is sufficient, and the battery is functioning properly.
- Steady Yellow: Low battery level, and recharging is recommended.
- Flashing Red: Critical low battery level (both safety and operational levels) or a battery malfunction has been detected.
- Flowing Light: Charging in progress. The indicator light color changes to red, yellow, or green to represent the current battery level.

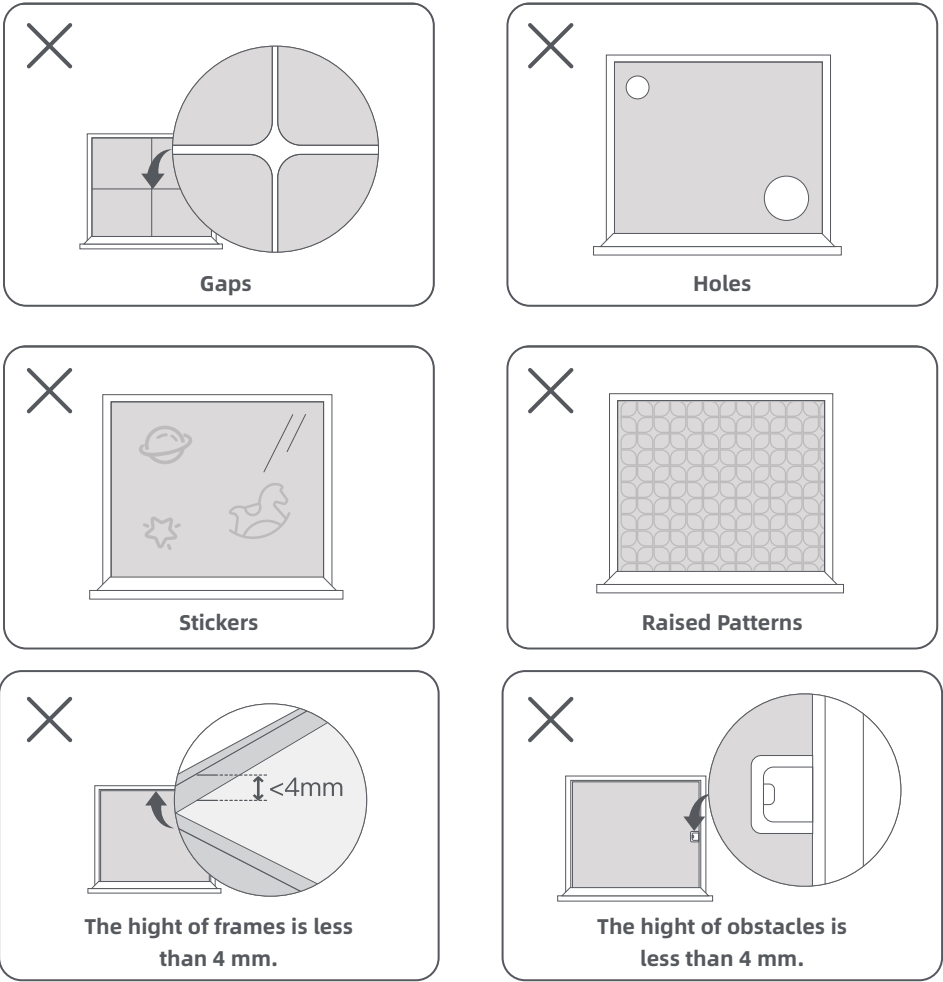
Note: The number of lit battery indicator lights reflects the remaining power. In standby mode, only the battery indicator light is on.

2.4 Applicable Scenarios

You can use the robot in environments with temperatures ranging from 0° C to 40° C.
Do not use the robot in extreme temperatures (below 0° C or above 40° C).



The robot is designed for smooth, flat surfaces.
Avoid using the robot on surfaces with gaps, holes, stickers, or raised patterns, as these may interfere with proper operation.



3 Operation

The following instructions will help you use the robot effortlessly to complete your cleaning tasks.

3.1 Before You Begin

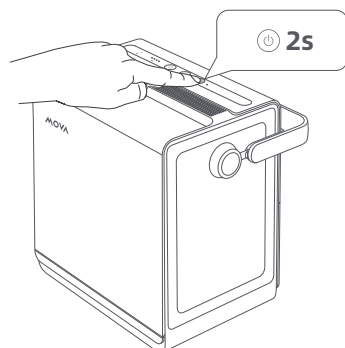
⚠ Warning:

- Ensure the station's battery level is sufficient.
- When cleaning elevated windows or doors without railings, place danger warning signs below.

1 Power On

Press and hold  on the station for 2 seconds to turn on both the station and the robot.

Caution: Ensure that the status light turns green. If it is red, follow the voice prompts to resolve the issue.



2 Connect to the MOVAhome App

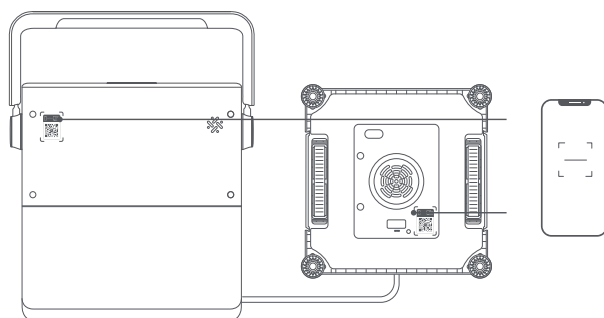
1. Scan the QR code below or search for "MOVAhome" in the App Store or Google Play. After installation, create an account and log in.



OR



2. Open the MOVAhome app and scan the QR code located on either the back of the station or the bottom of the robot.

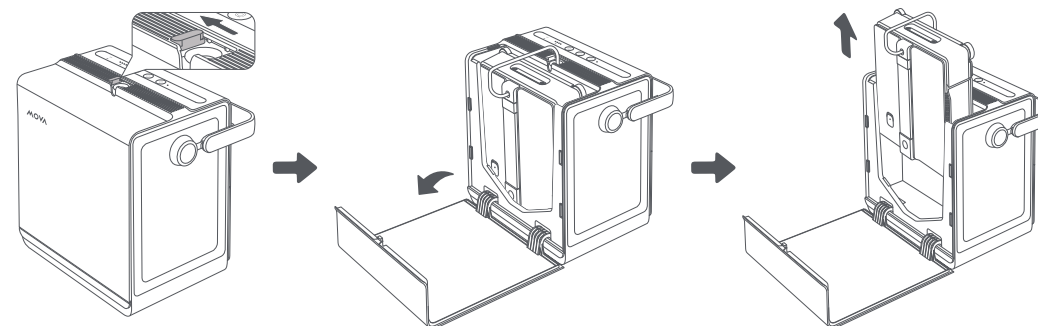


3. Follow the in-app instructions to complete the setup.

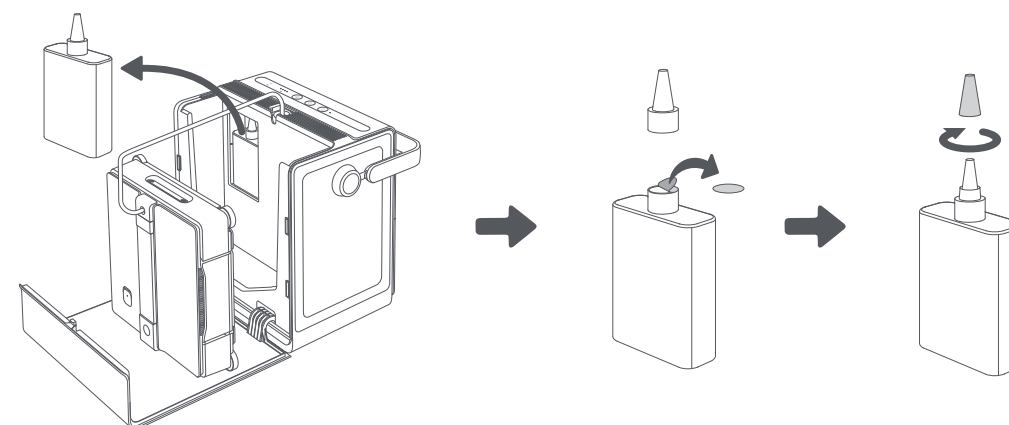
Note: To reconfigure the network, press and hold both  and  simultaneously for 2 seconds.

3 Take Out the Robot and Add Cleaning Solution

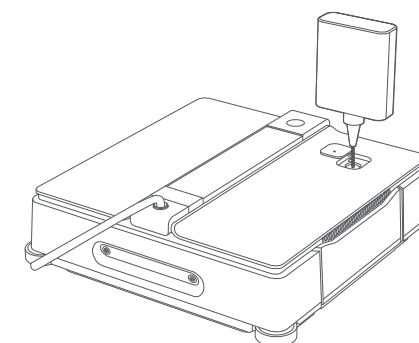
1. Slide the flip cover lock to open the flip cover. Remove the robot from the station.



2. Take out the window cleaning solution from the frontal storage compartment of the station. Remove the seal from the cleaning solution bottle. Unscrew the cap.



3. Open the water tank cover on the robot. Add the specialized cleaning solution to the water tank. Please avoid overfilling.



4 Prepare Cleaning Cloth

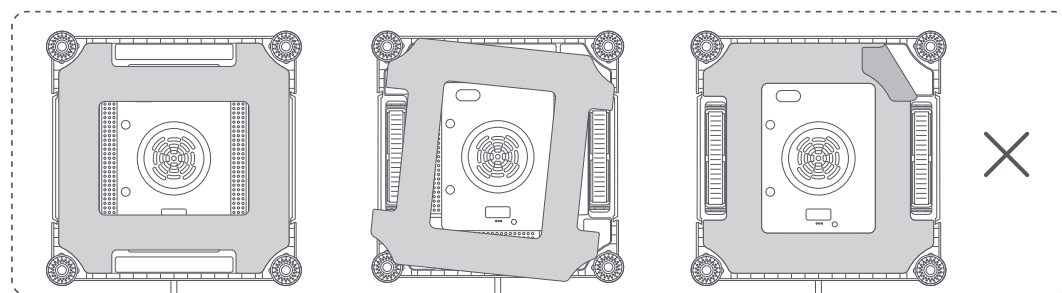
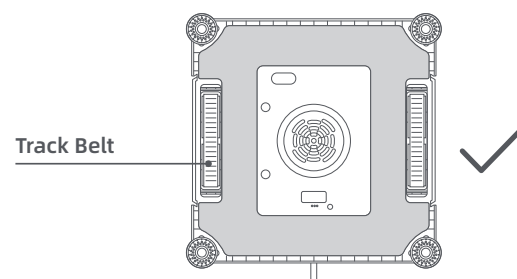
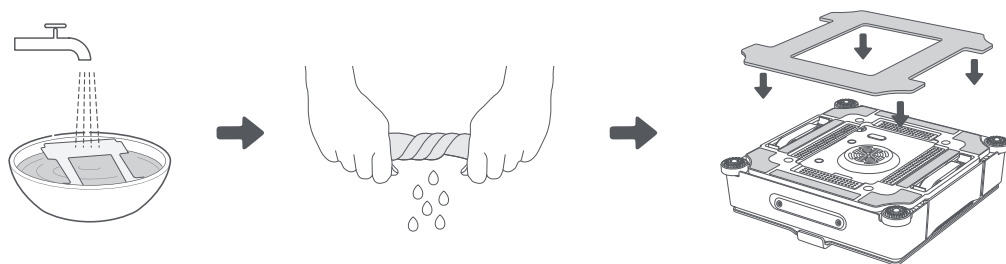
1. Dampen the cleaning cloth with clean water and wring it out until it no longer drips.

Caution: An overly wet cleaning cloth may cause the robot to slip on the window.

2. Place the cleaning cloth evenly onto the Velcro located on the bottom plate of the robot.

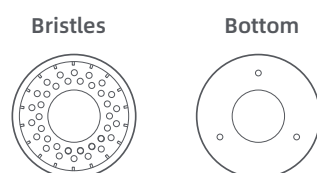
Important:

- Pay attention to align the narrow and wide side accordingly.
- Make sure the track belts and anti-fall sensors are unobstructed to prevent attachment failure.



Notes:

- Securely tie the safety tether to a guardrail or another stable, immovable object to prevent the station from accidentally tipping over.
- Ensure the corner brushes are correctly installed on the anti-fall sensors. To secure or reinstall them, press downward firmly on each brush until you hear a click. Confirm that the bristles are facing outward.



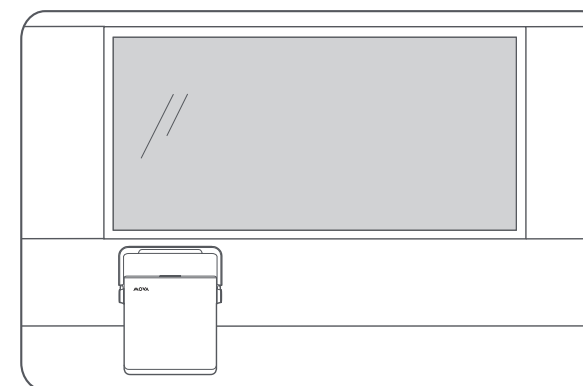
3.2 Start Cleaning

1 Place the station

Place the station near the window to be cleaned.

Caution:

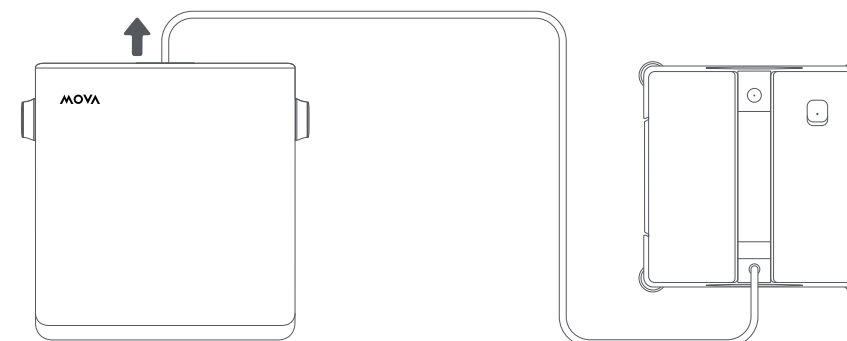
- Do not place the station on the sink countertop, bay window, or any other elevated surfaces.
- Place the station on a smooth, flat floor.



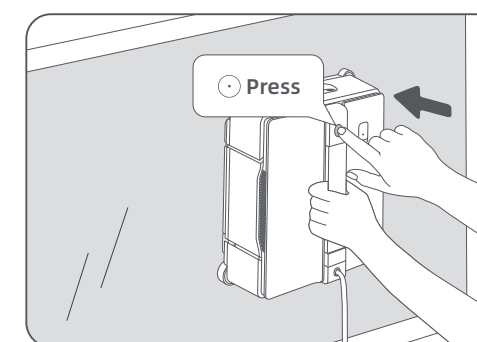
2 Manually extend the power cord to the required length.

Notes:

- When cleaning, if there is excess length of the power cord, the station will automatically extend it as needed.
- The station power cord is 5.5 m long. The maximum window size for cleaning per side is 2.5 m (height) × 4 m (width).



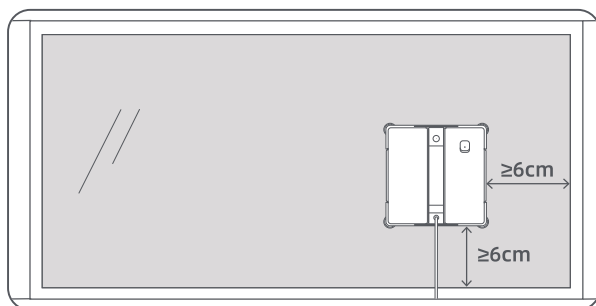
3 Press to activate the fan.



4 Attach the robot to the window.

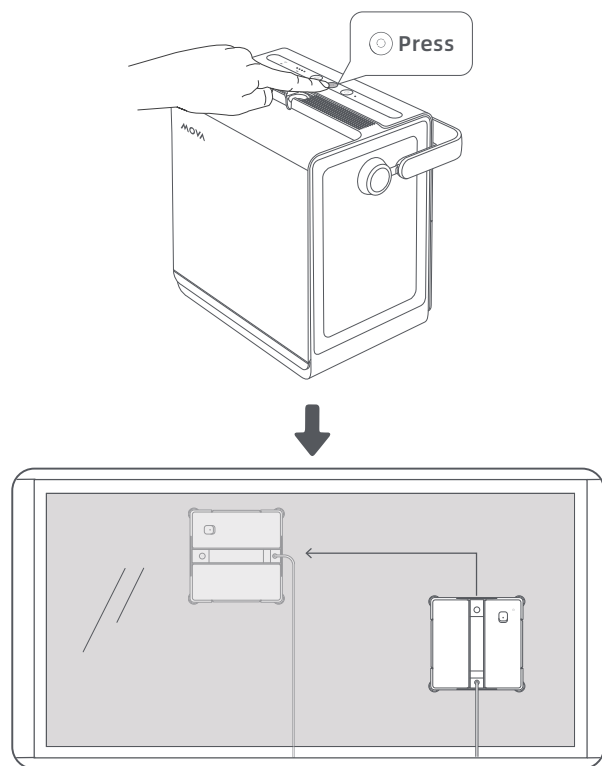
Caution: Keep the robot at least 6 cm away from the window frame. Confirm the robot is securely attached before letting go.

Note: Once the robot is attached to the window, the station's suction cup automatically locks onto the floor. The station remains stable even if the suction cup isn't fully secured.



5 The robot will start cleaning in Complete Deep Cleaning mode by default. To switch between cleaning modes, press the and select from: Complete Deep Cleaning, Complete Quick Cleaning, and Edge Cleaning.

- **Complete Deep Mode (Default):** Ideal for removing medium to tough dirt from exterior windows. The robot covers each area multiple times and cleans the edges once.
- **Complete Quick Mode:** Ideal for removing light dirt from inner windows. Cleans faster and more efficiently.
- **Edge Mode:** Targets the edges and corners of windows. Not suitable for frameless windows.

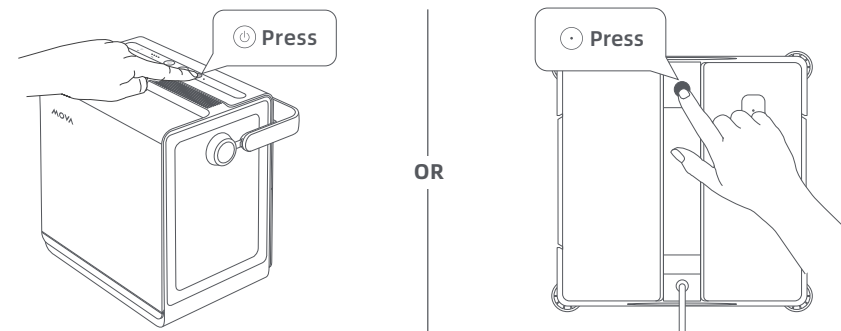


Note: If the robot doesn't start cleaning automatically, refer to the voice prompt or check the app for guidance.

3.3 Pause/Resume Cleaning

Manual Pause

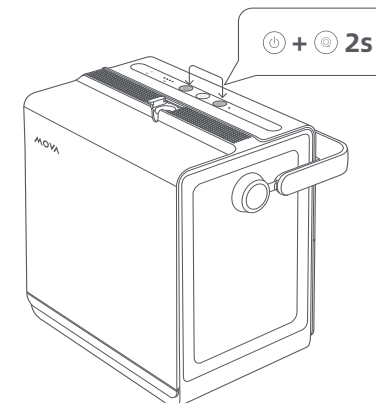
1. Press on the station or . The robot will stop at its current location.



2. To move the station when the robot is attached to the window:

- Simultaneously press and hold and on the station for 2 seconds to detach the station.
- Once detached, lift the station by its handle and move it to the new location.

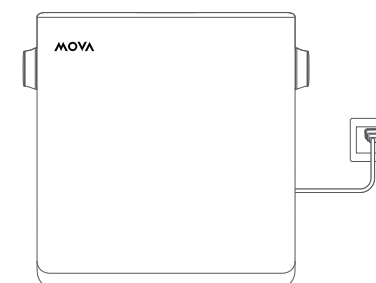
Note: The station will automatically reattach to the floor after one minute.



Auto-Pause (Low-Battery Protection)

If the operational battery level is low during cleaning, the robot will automatically return to the lowest point to prevent damage from falling.

1. Follow the voice prompt to connect the station to a power outlet.
 2. Wait for the robot to return to the starting point. Then press and hold the for 2 seconds to remove it.
- Note:** If the robot cannot return to a reachable location, follow the on-screen instructions in the app and remotely guide the robot back to the starting point.
3. Once sufficiently charged, you can reattach the robot to continue cleaning.



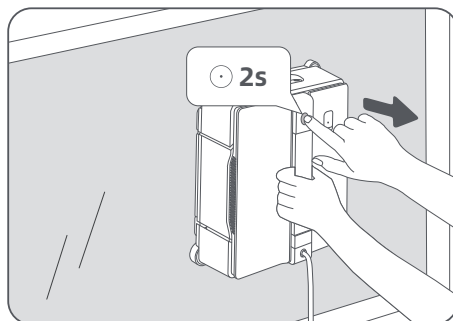
3.4 Finish Cleaning

At the end of the cleaning cycle, the robot will return to the starting point for easy pickup. If the robot stops at an inaccessible location, use remote control in the app to guide it to a suitable location.

① Hold the robot by the handle, then press and hold  for 2 seconds to detach the robot.

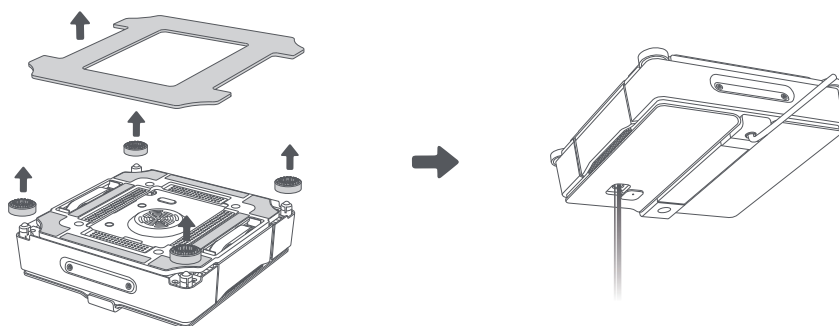
Notes:

- When releasing the suction, the air pressure will be slowly released. Please hold the handle firmly and do not let go.
- Once the robot is detached, the station will automatically detach as well.



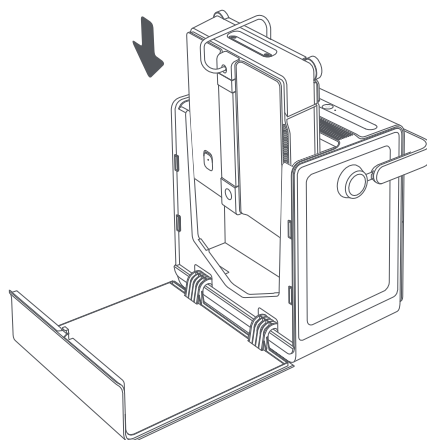
② Remove the robot, then remove the cleaning accessories. Empty the water tank.

Note: Clean and dry the cleaning cloth and corner brushes before storage. This prevents mold growth and damage.

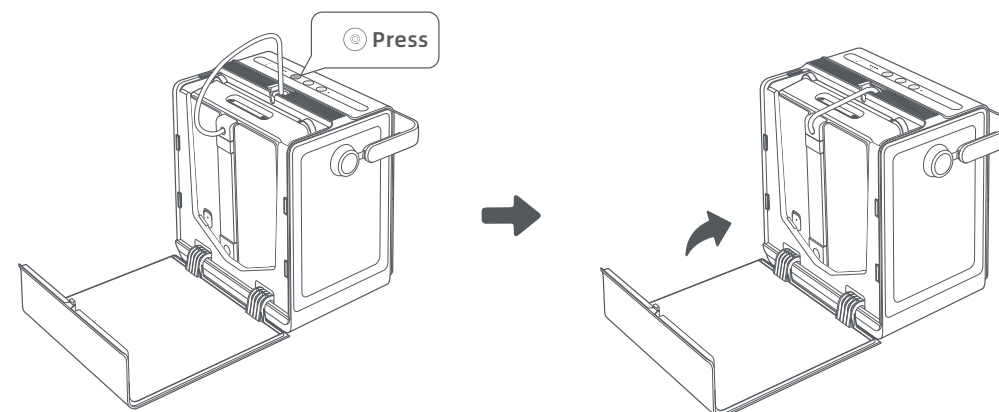


③ Place the robot back into the station's storage compartment.

Caution: Ensure that the robot's handle is facing outward and its connection to the station is facing upward.

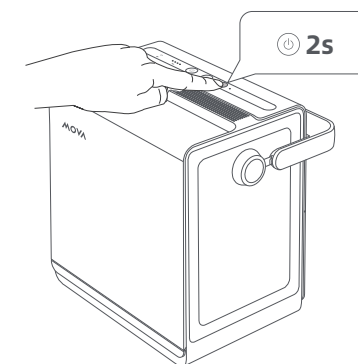


④ Press . Close the flip cover once the cord is fully retracted.

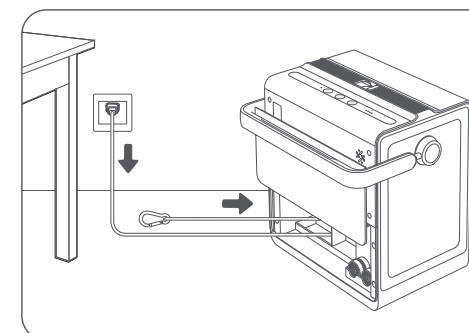


Note: The power cord may tangle during retraction. If it jams, manually straighten the cord and press  again to continue retracting.

⑤ Press and hold  for 2 seconds to turn off both the robot and the station.



⑥ If you used the power cord and safety tether, pull the back cover of the station upward and return them to the station.



3.5 Charging and Storage After Use

1. Connect the station to a power outlet. You can check the charging progress by the battery indicator.
Note: When the status indicator on the station turns green, the robot has sufficient safety battery power and can clean the window while charging.
 2. When all battery indicators turn steady green, the robot is fully charged. Unplug the power cord.
 3. Store the station in a cool, dry place, away from direct sunlight and extreme temperatures.
- Important:** For long-term storage (over 1 year), charge the station periodically to maintain battery health.

4 Key Features

App-Exclusive Features

The MOVAhome app offers a range of advanced features that enhance the functionality of your robot. With the app, you can customize settings, view cleaning logs, access maintenance tips, and send feedback. This gives you more control over how and where your robot cleans.

Mode	Description
Complete 	Covers all areas of the window. Note: Robot runs in Complete Cleaning by default.
Edge 	Focuses on cleaning corners and edges of the window. Note: Not available for frameless glass.
Zone 	Targets specific zones (upper, lower, left, right) relative to the robot's position.
Remote 	Manually guide the robot to specific locations for spot cleaning. It cleans continuously while moving.

Settings	Description
Deep 	Provides a thorough clean, ideal for medium to heavy dust. Recommended for exterior windows or those not cleaned recently.
Quick 	Delivers a faster clean, ideal for light to medium dust. Recommended for interior windows or regular maintenance.
Boundary Passes 	Adjust the number of cleaning passes along the boundary to suit your needs.

Spot Cleaning

Tap  to spot clean a designated spot. The robot will move in a forward and backward motion for thorough cleaning. Tap  to finish cleaning, and the robot will stop at its current position. To send it back to its starting point, tap **Return** or use the remote control in the app.

Auto-Resume after Interruption

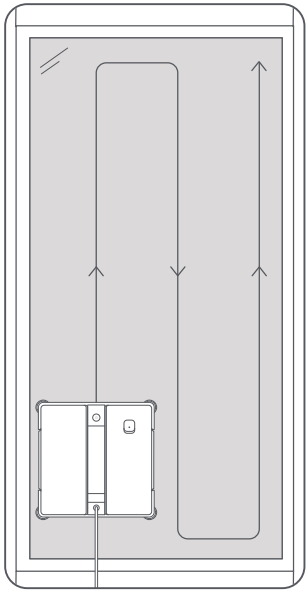
With this function enabled, if interrupted or paused, the robot will automatically resume from where it left off along the planned path. You can disable Auto-Resume through the app.

- Note: Auto-Resume may not work in the following cases:**
- The cleaning area or window position has changed.
 - The robot has been restarted or the Auto-Resume is disabled.

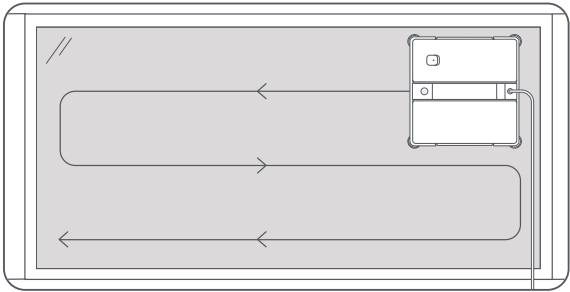
Auto-Resume is only available for Complete Cleaning.

Cleaning Path

N-shaped pattern: If the window's horizontal length is less than twice the robot's length, the robot will follow an N-shaped path.



Z-shaped path: If the window's horizontal length is at least twice the robot's length, the robot will follow a Z-shaped path.



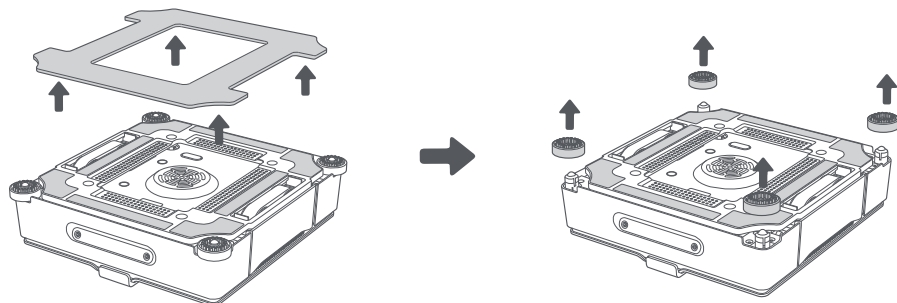
- Notes:**
- Ensure your phone and station are within the same Wi-Fi network with a stable signal when connecting to Wi-Fi.
 - Use a single-band network of 2.4 GHz frequency.
 - When using Bluetooth connection, keep your phone within 10 m of the station.
 - App features may change as we continue to develop and update the application.

5 Maintenance

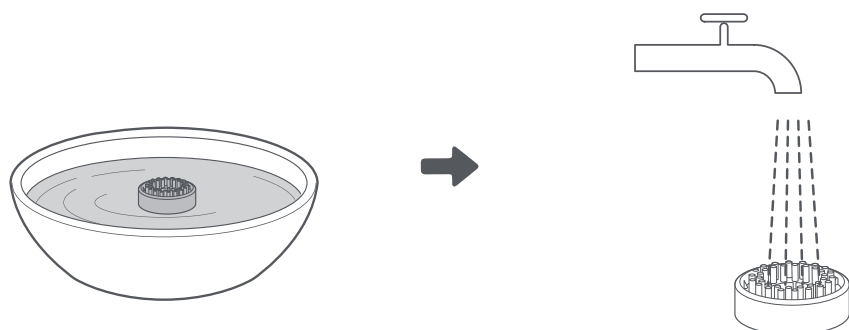
Regularly clean and maintain the window cleaning robot to maintain its optimal performance. Refer to the maintenance and care guide in the MOVAhome app.

5.1 Cleaning Cloth and Corner Brushes

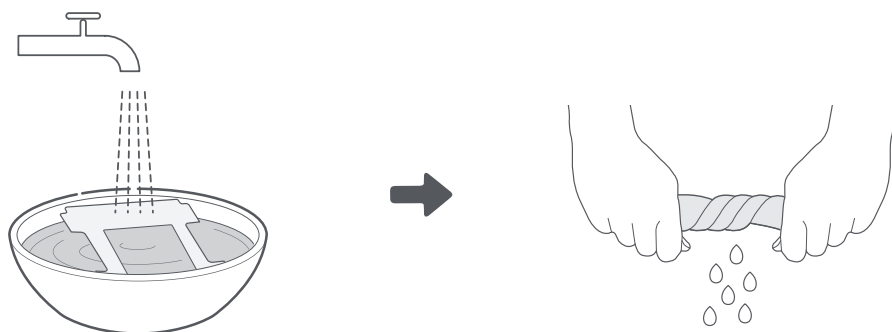
- 1 After each use, remove the cleaning cloth and corner brushes. To remove the corner brush, push it upwards until you hear a click.



- 2 Soak the corner brushes for 5 minutes. Then rinse them clean. Shake off excess water, and reinstall them.



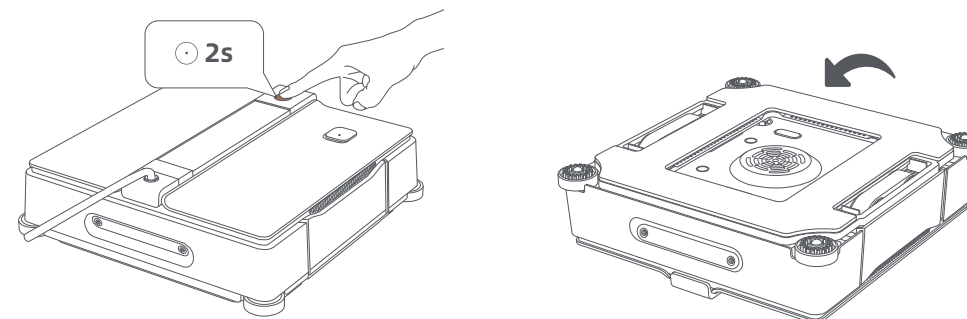
- 3 Hand wash or machine wash the cleaning cloth, and wring it out until it doesn't drip before reuse.



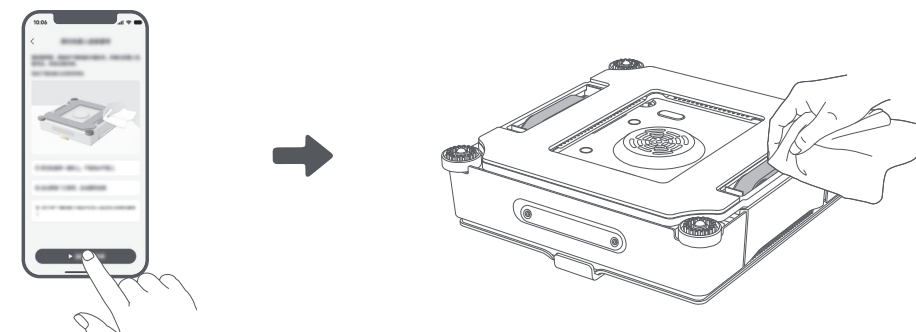
Note: Replace the cleaning cloth if it becomes worn, stained, or less effective.

5.2 Track Belts and Anti-Fall Sensors

- 1 Before cleaning the track belts, ensure the robot is switched on and not attached (fan off).
- 2 Place the robot upside down on a level surface with the track belts facing up.



- 3 Open the app and navigate to **Clean Track Belts**. Tap the button to start the track rotation. Place a dry, clean cloth against the track belt for cleaning. Once finished, tap the button to stop the rotation.



Important: Regularly clean the track belts to prevent dirt buildup.

- 4 Remove corner brushes, then wipe the anti-fall sensors with a clean, dry cloth.

