



# WINBOT **W3** OMNI

Instruction Manual

# Important Safety Instructions

When using an electrical appliance, basic precautions should always be followed, including the following:

## **READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE. SAVE THESE INSTRUCTIONS**

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 WINBOT 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 WINBOT.
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 ensure that the voltage of your power supply matches the voltage indicated on the label.
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. Do not touch power plug with wet hands.
22. When charging the Appliance, do not place it on other electrical appliances and keep it away from fire and liquid.
23. 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.
24. 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.
25. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent in order to avoid a hazard.
26. The plug must be removed from the receptacle before cleaning or maintaining the Appliance.
27. The Safety Battery must be replaced by the manufacturer or its service agent in order to avoid a hazard.
28. The Safety Battery must be removed and discarded according to local laws and regulations before disposal of the Appliance.
29. The Appliance must be disconnected from the receptacle before removing the battery for

- disposal of the Appliance.
30. Please dispose of used batteries according to local laws and regulations.
  31. Do not incinerate the Appliance even if it is severely damaged. The battery can explode in a fire.
  32. 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.
  33. The robot contains batteries that are only replaceable by skilled persons.
  34. The plug and the station must be used indoor.
  35. If the insulated glass, which WINBOT is working on, is leaking, remove WINBOT immediately after cleaning is completed.
  36. Before cleaning, please observe the area to attach WINBOT for any small particles. If there are any, please remove them or switch to a particle-free area to avoid scratching the glass.
  37. Clean the Wiping pad in time and make sure that any small particles on it are completely removed to avoid scratching the glass.
  38. To reduce the risk of injury, close supervision is necessary when an appliance is used near children.

39. Do not contact moving parts.

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

To ensure compliance, operations at closer than this distance is not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

	<b>Class II</b>
	<b>Short-circuit-proof safety isolating transformer</b>
	<b>Switch mode power supply</b>
	<b>For indoor use only</b>
	<b>Direct current</b>
	<b>Alternating current</b>

## For EU Countries

For EU Declaration of Conformity information, visit <https://www.ecovacs.com/global/compliance>



## 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.

## Device Update

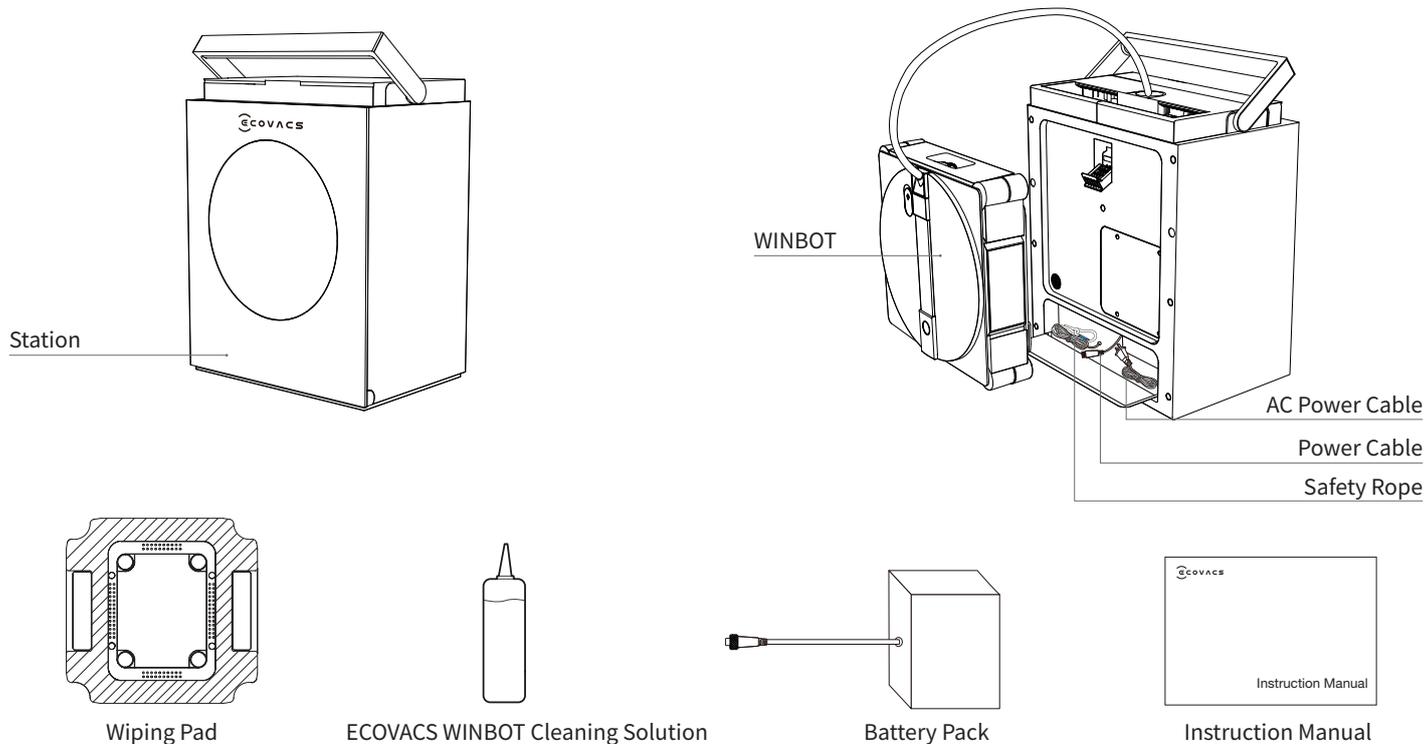
Typically, some devices are updated bi-monthly, but not always so specific.

Some devices, especially those that went on sale more than three years ago, will only be updated if a critical vulnerability is found and fixed.

To check the current version, open the ECOVACS HOME App and go to Settings > Robot Update. You can view the version of WINBOT and the Station display here. If a new version is available, tap Update to get the latest software.

# 1. Product Diagram

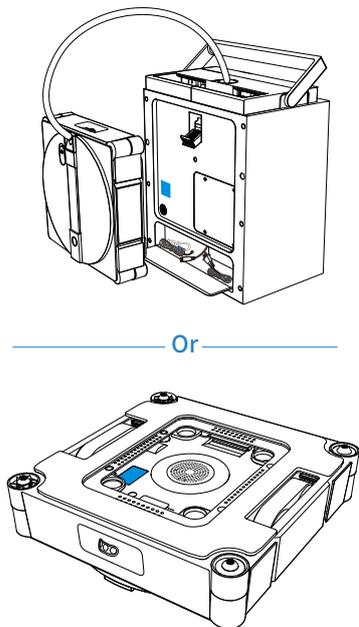
## 1.1 Package Contents



Note: Figures and illustrations are for reference only and may differ from actual product appearance.

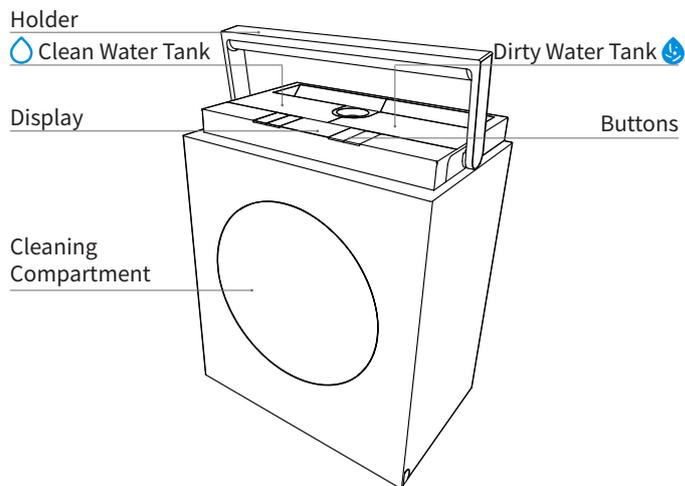
## 1.2 Information Guide

① The network configuration QR code is located at the back of the station and on WINBOT's bottom.



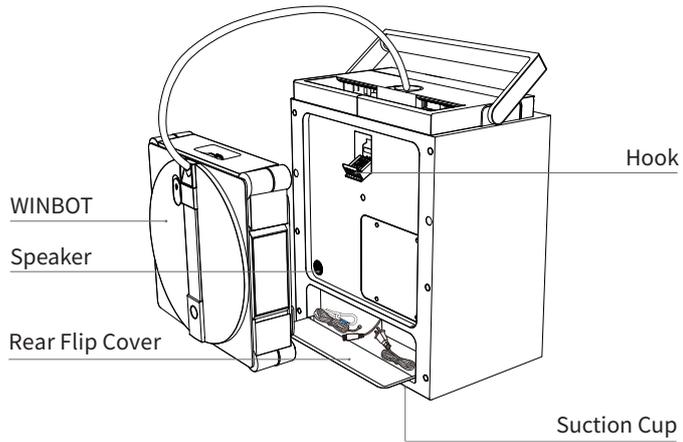
## 1.3 Product Diagram

Station Front View

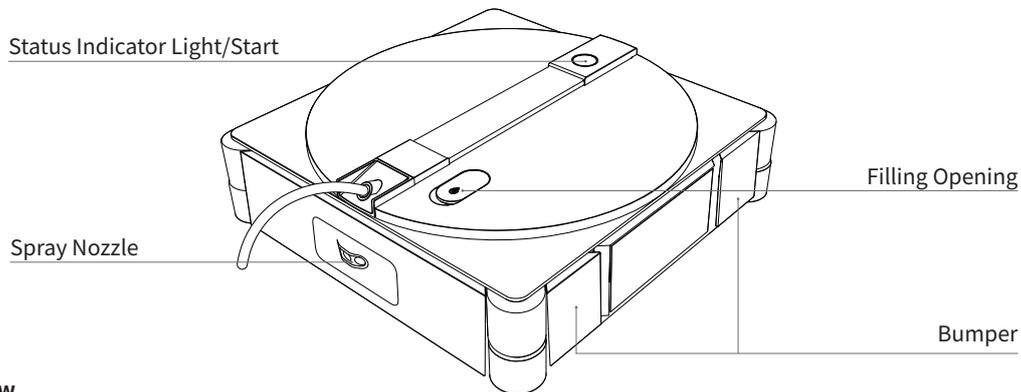


② For troubleshooting, log in to the ECOVACS HOME App.

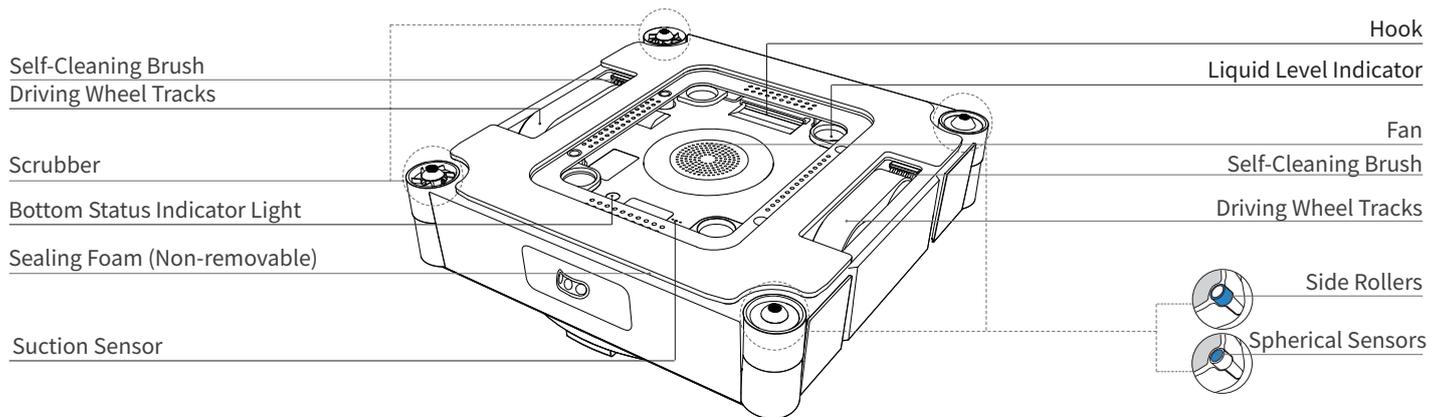
## Station Back View



### WINBOT front View



### WINBOT Back View



## Sensor

Component	Description
Frameless Sensor	Based on the principle of the optocoupler switch, when WINBOT's Spherical Sensors head extends beyond the glass, the machine recognizes the frameless glass and retreats.
Air Pressure Monitoring Sensor	By recognizing changes in air pressure within the vacuum chamber, it performs real-time air replenishment for WINBOT, or detects low steps greater than 2mm.
IMU Sensor (Inertial Measurement Unit Sensor)	The three-axis accelerometer and three-axis gyroscope detect WINBOT's motion state, assisting the processing chip in understanding the machine's movement and posture.
Anti-Stall Sensor	By detecting the driving wheel current in real-time, it identifies the driving wheel's operational status and prevents motor stalling.
WINBOT No-Water Detection Sensor	Based on the principle of electrode conductivity, when WINBOT runs out of water, the electrode plates inside the WINBOT's water tank disconnect.
Bumper Sensor	Detects obstacles and edges via physical collision to allow for timely response.

Wiping Pad Holder Position Sensor	Using Hall detection, when cleaning the pad, it must detect the wiping pad holder is in position to start the cleaning task; it must detect the pad is not in position to start the station self-cleaning.
Door Panel Position Sensor	Using Hall detection, it must detect the door panel is closed before starting the pad cleaning or station self-cleaning.
Clean Water Tank Position Sensor	Using Hall detection, it checks if the water tank is in position and triggers an alert if it is not.
Clean Water Tank No-Water Detection Sensor	Using Hall detection, it checks if the clean water tank has sufficient clean water and triggers an alert if the water level is too low.
Dirty Water Tank Full Sensor	Using Hall detection, it checks if the dirty water tank is full and triggers an alert when the tank is full.
Cable Winding Photo-Coupler Sensor	Using optocoupler detection, it measures the cable retrieval length, ensuring successful cable retraction.

## Interface

Interface	Description
Bluetooth	Enables Bluetooth functionality during network setup to allow control of WINBOT's operation. Uses UUID 0xFFFD service for secure configuration and data interaction.
WiFi	Enables Wi-Fi functionality, allowing timely data transmission between the app and WINBOT for future OTA updates and message pushes.
ECOVACS HOME APP	Download and enable the latest version of the ECOVACS HOME APP to access smart features such as network settings and cleaning mode selection.
Charging	Connect WINBOT to the power supply to enable charging.

## 2. Quick Start

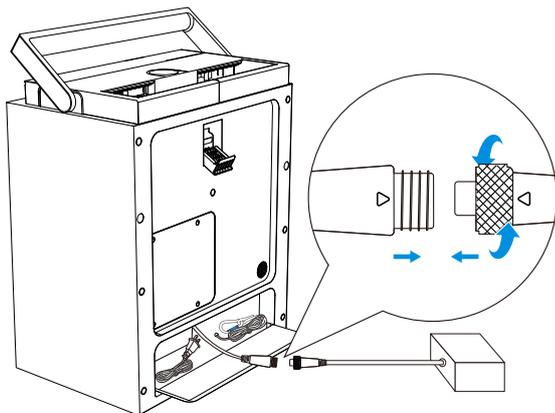
### 2.1 Preparation Before Use

#### 1 Installing the Battery

WINBOT can be used directly. Connecting the battery pack will further extend the battery life.

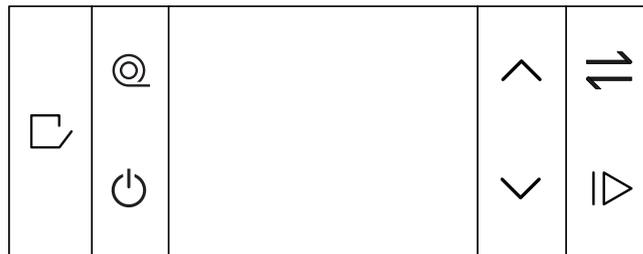
Installation Steps:

1. Take out the battery pack.
2. Open the rear flip cover of the station, pull out the black power cable plug, align the battery pack interface with the black plug of the station, and connect them firmly.
3. Place the connected battery pack smoothly into the corresponding groove of the station, then close and snap the rear flip cover.



#### 2 Overview of Station

##### 1. Button Functions



 : Open Cleaning Compartment

 : Retract Cable

 : Power On/Off

 : Up

 : Down

 : Function Switch Button

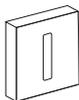
 : Start/Pause/Confirm

Return to Starting Point: Press and hold  (while WINBOT is working).

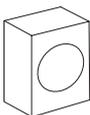
## 2. Screen Functions

The display screen provides quick access and information for the following features:

- 3 Glass Cleaning Modes: Fast, Deep, and Edge. (Other cleaning modes can be accessed and controlled via the app.)



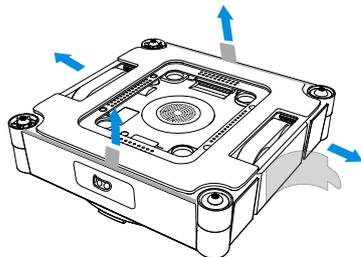
- 2 Mop Cleaning Modes + Self-Cleaning:  
Mop Washing Modes: Standard Wash, Heavy-Duty Wash



- FAQ - Frequently Asked Questions



**Note: Please remove all protective materials, including but not limited to the EPE protective strips wrapping WINBOT and the protective films on WINBOT's sides.**

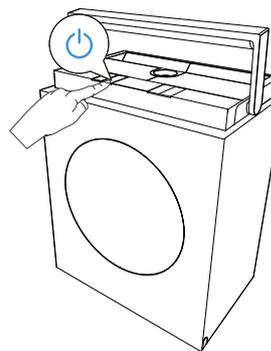


## 3 Power On

Press and hold the power button  for more than 2 seconds to turn on both the station and WINBOT.

The station supports 2 working modes:

1. When not connected to a power outlet, the station uses its built-in battery to power WINBOT.
2. When connected to a power outlet, WINBOT can operate normally while the station's built-in battery charges slowly. For charging instructions, please refer to [2.4 Storage and Charging After Use].



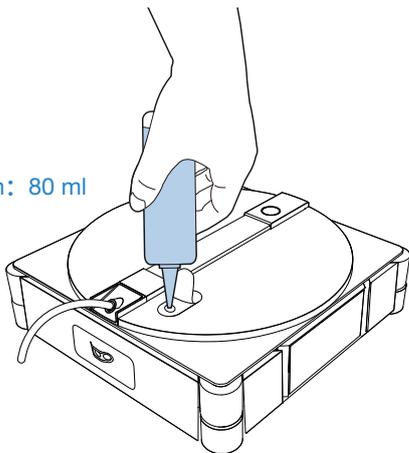
Note: When WINBOT is powered on, but the fan is not running, it will automatically enter sleep mode and shut down if there is no operation on the station or WINBOT buttons for  $\geq 20$  minutes. To restart, press and hold the station power button again. (WINBOT neither enters sleep mode nor shuts down automatically while charging)

#### 4 Add Cleaning Solution

Add the ECOVACS WINBOT cleaning solution to the water tank. The maximum capacity of the water tank is about 80 ml, which covers approximately 55 m<sup>2</sup> of windows.

- ✓ It is recommended that the ECOVACS WINBOT cleaning solution be used for optimal cleaning results. If the ECOVACS WINBOT cleaning solution runs out, tap water can be used temporarily. However, the ECOVACS WINBOT cleaning solution provides better cleaning results.
- ✗ To avoid damage to the product, do not use any cleaning solutions other than the ECOVACS WINBOT cleaning solution. Do not use purified water or filtered water.

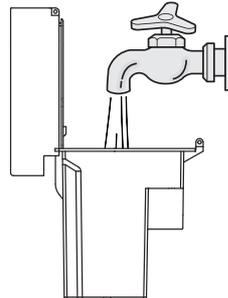
Maximum: 80 ml



#### 5 Water Tank Instructions

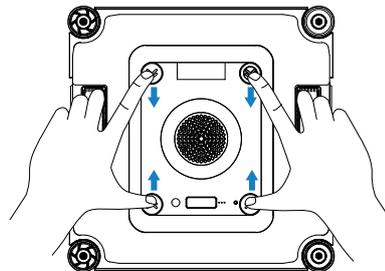
Add clean water to the clear water tank. The maximum capacity of the tank is 1.2 L.

\* Do not use other cleaning solutions. This will prevent the wiping pad from becoming slippery after washing.



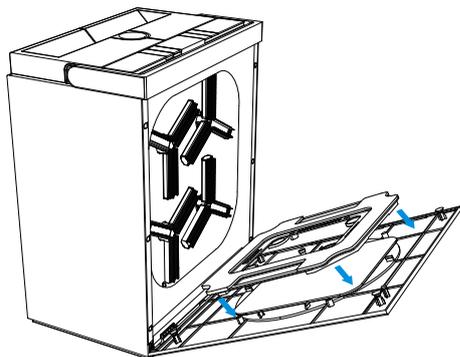
#### 6 Clean the Wiping Pad

1. Remove the wiping Pad from WINBOT. Firmly pinch the clips on both sides of the wiping pad with both hands, and lift upwards to detach it from WINBOT.



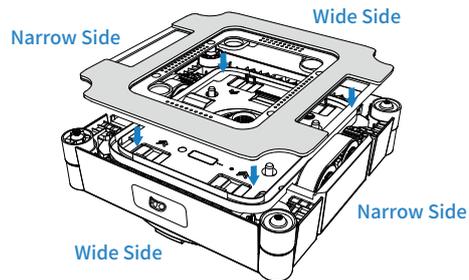
## 2. Wet the wiping pad

Click the  button on the station to open the cleaning compartment door. Place the wiping pad into the compartment with the fleece side facing inward. Then, close the door, select Standard Wash, and the wiping pad will be thoroughly wetted.



## 3. Install the wiping pad

Take the moistened wiping pad and align it carefully. Ensure the wide and narrow edges correspond to the grooves on the driving wheels. Press down on the four installation clips until you hear a "click," confirming successful attachment.



## 2.2 Notes Before Cleaning

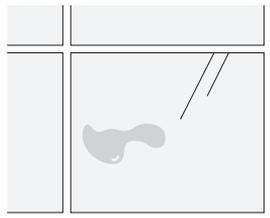
The following scenarios are not recommended for using WINBOT:

### 1 High Humidity/Extreme Cold

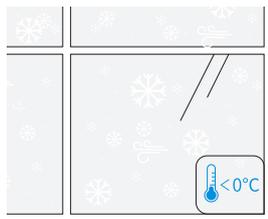
WINBOT may have difficulty moving in the following conditions.



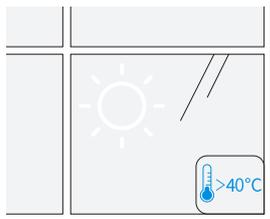
Condensation



Oil stains



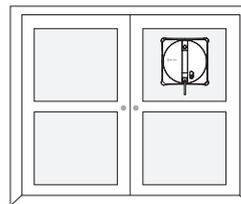
below  $0^{\circ}\text{C}$



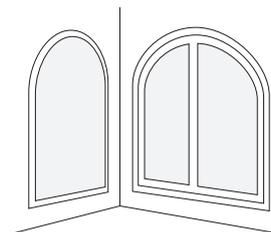
above  $40^{\circ}\text{C}$

### 2 Small or Irregular Glass

WINBOT may have insufficient operating space in the following conditions.



Small Glass



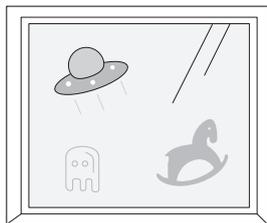
Irregular Shapes

 WINBOT delivers optimal performance on square and large windows.

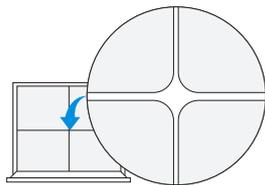
 WINBOT delivers optimal performance on dry surfaces and in temperatures above  $0^{\circ}\text{C}$ .

### 3 Uneven Windows

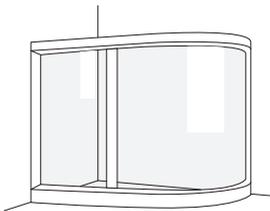
WINBOT may experience insufficient air pressure in the following conditions.



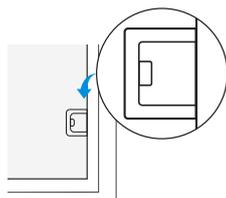
Electrostatic Window Decals, Stickers, etc.



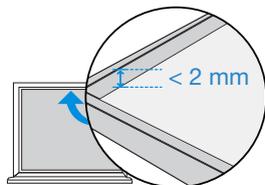
Cracks



Curved Glass



Obstacle Height < 2 mm



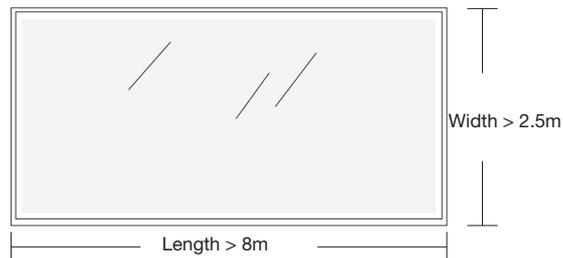
Frame Height < 2 mm



WINBOT performs better on a smooth and flat surface to ensure stable suction and smooth movement.

### 4 Oversized Exterior Windows

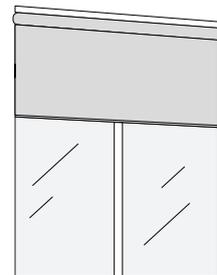
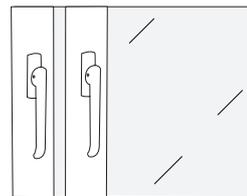
Limited by the length of Compound Cable, WINBOT may face challenges navigating across the entire window when it exceeds dimensions of 8m \* 2.5m.



\* Only available in zone clean mode.

### 5 Close-Proximity Obstacles

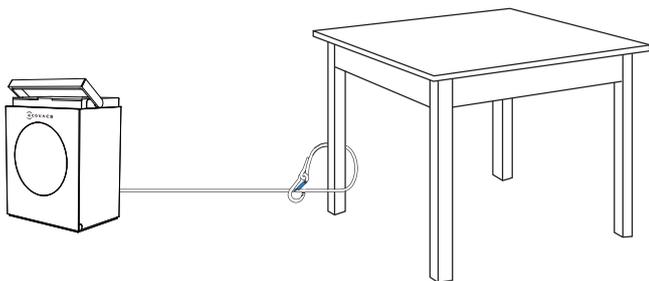
WINBOT may get stuck when nearby narrow spaces, openings or gaps between window handles/door handles/ curtain boxes/ cabinets and surfaces such as walls/windows, are close to its height.



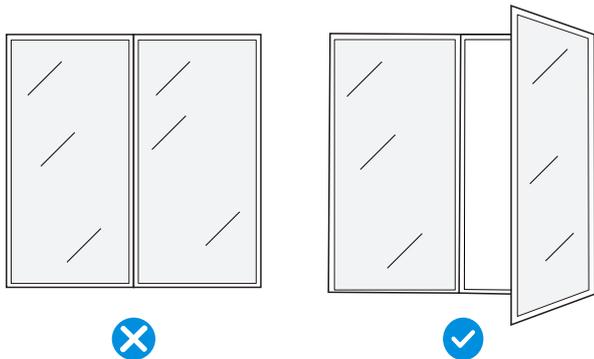
Try placing WINBOT between the gap to confirm safe passage; if it's stuck, refrain from using the robot there to prevent damage to either itself or surrounding furniture.

**Before use, ensure the station's carabiner is securely attached to a stable, immovable object such as a table leg, chair leg, bed leg, sofa leg, curtain rod, or staircase handrail. Lock the carabiner to prevent any accidents.**

The safety rope and its carabiner are pre-installed at the factory. Do not disassemble it at will.



**To clean glass panel doors, open the door before attaching WINBOT to avoid WINBOT falling due to narrow door gaps.**



## 2.3 Getting Started

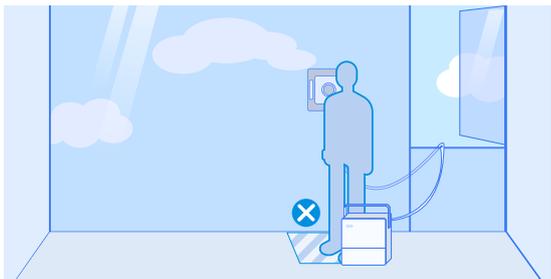
### 1 Place the Station

Place the station next to the window that needs to be cleaned.

#### Notes:

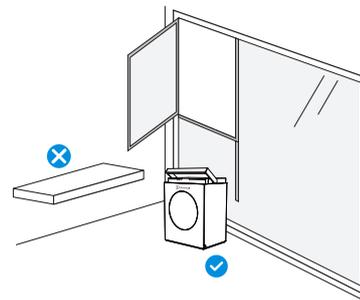
1. Position the station as close to the window as possible to prevent the compound cable from becoming a tripping hazard for people or pets.

2. When cleaning large full-length windows, place the station on the floor near the window opening to prevent power cable strain.



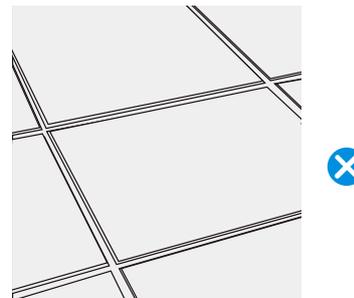
\*WINBOT's power cable is 5.5 m long, and the maximum applicable single-window size is 8 m wide by 2.5 m high.

3. Always place the station on flat, seamless ground.



\* Do not place the station on elevated surfaces such as tables or countertops.

4. Do not place the station on uneven surfaces, such as carpets or tiled/wooden floors with gaps.



\* The suction cup at the bottom of the station is designed for smooth, seamless ground such as polished floors, tiles, and marble without gaps.

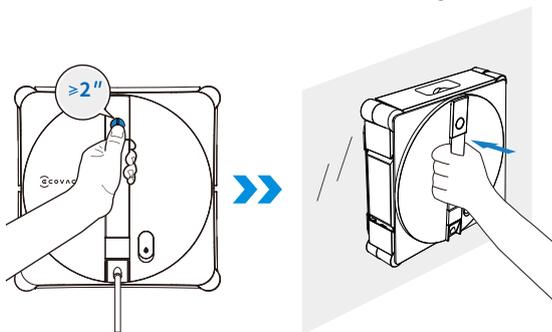
## 2 Start Cleaning

Ensure the station's power is turned on.

1. Before cleaning, ensure a clean area larger than WINBOT's size, then attach it to the glass.
2. Press and hold WINBOT's START button  for 2 seconds to activate the fan.
3. After hearing the fan start, place WINBOT's bottom (the side with the wiping pad) against the glass. WINBOT will adhere to the window automatically and start cleaning.

### Notes:

- \* Do not stick the WINBOT too close to the edge when cleaning the frameless glass. It is recommended to be more than 10cm away from the edge.
- \* WINBOT can only be used on flat, seamless surfaces.
- \* After powering on, keep the fan away from hair and small objects to prevent blockages.
- \* Do not stand below or near the WINBOT while it is cleaning.



## 3 Switch Cleaning Modes

While WINBOT is operating, cleaning modes can be switched on the station. WINBOT will automatically begin cleaning in the newly selected mode.

### Notes:

\* The station's mode switch button can cycle through Fast Clean, Deep Clean and Edge Clean in sequence. To access more cleaning modes, refer to the ECOVACS HOME App.

### Select a Cleaning Mode

Use the station's button to choose the appropriate cleaning mode. If no selection is made, WINBOT will default to the last used mode.

Recommended Cleaning Modes:

Interior windows: In general, interior windows are not heavily soiled — Fast Clean is recommended.

Exterior windows: In general, exterior windows are heavily soiled — Deep Clean is recommended.

For more details on cleaning modes, please refer to the App.

Note: Edge Clean is not saved. The default cleaning mode when WINBOT is first used is Deep Clean.

## 4 Wiping pad Washing Mode

When the wiping pad is stained with stubborn dirt or requires a thorough clean, please place the pad into the cleaning compartment of the station for washing.

### Selecting the Washing Mode:

Please select the appropriate cleaning mode through on the station. If no mode is selected, the system will default to the last memorized mode.

- Standard Wash: Used for cleaning lightly soiled pads.
- Heavy-Duty Wash: Used for cleaning heavily soiled pads.

## 5 Pause and Move Station

### Pause

To pause WINBOT's current operation, press the station's power button. Press the button again to resume the cleaning task.

### Move the Station

If you need to move the station during cleaning, firmly grip the station's handle and lift it. The suction cup will automatically unlock. Once the handle is released and falls back into place, the suction cup will automatically reattach and lock.

### Note:

Before use, ensure there are no walls, furniture, or other obstructions within a 10 cm radius around the station's placement area. This allows the handle to naturally fall to its lowest point. If an obstruction prevents the handle from fully lowering, the suction cup's holding power may be reduced.

## 6 Finish

### End Task Midway

To stop WINBOT's operation midway:

1. Press and hold the station's **|>** for 2 seconds or more. WINBOT will immediately stop the current task and return to the starting point, waiting to be removed.
2. Press and hold the WINBOT's **⏸** for 2 seconds or more. The fan will stop, and follow the voice prompts to remove WINBOT.

### Task Completed

Once WINBOT finishes its cleaning task, it will automatically return to the starting point and wait to be removed.

Press and hold WINBOT's **⏸** for 2 seconds or more to stop the fan.

At this point, follow the voice prompts to remove WINBOT.

\* When removing WINBOT, always grip the handle securely to prevent it from falling.

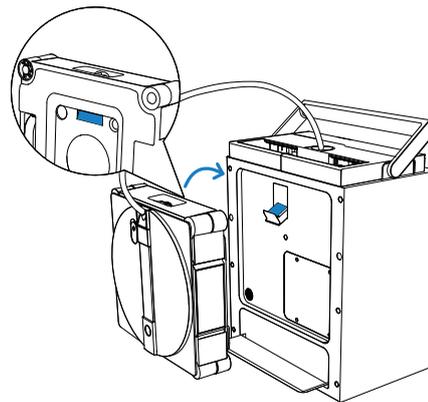
## 2.4 Storage and Charging After Use

### Steps:

#### 1. Store WINBOT

Place WINBOT facing outward, with the compound cable outlet facing up. Hook the colored side of WINBOT onto the hook at the back of the station.

Before storing WINBOT, remove the wet wiping pad. Allow it to dry completely before storage to prevent odors.

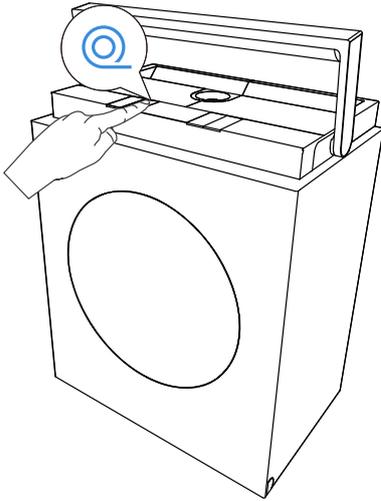


## 2. Retract the Cable

Once WINBOT is placed on the hook, briefly press the cable retract button to initiate rapid cable retraction.

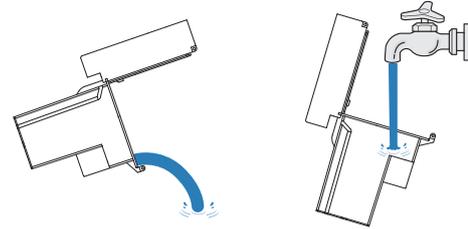
\* Near the end of retraction, the process will slow down. This is normal and not a cause for concern.

\* The power cable may coil during retraction. This is normal. If needed, manually straighten the cable before pressing the cable retract button again to complete the retraction.



## 3. Cleaning the Station Water Tanks

After WINBOT has finished cleaning, pour out the remaining liquid from both the station's clean water tank and the dirty water tank, and then wash them out.

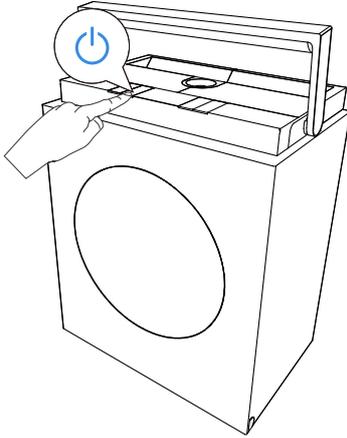


## 4. Cleaning the Cleaning Compartment

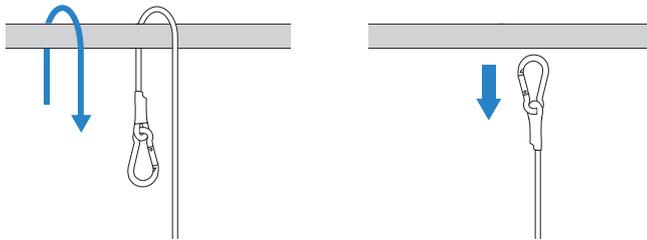
Once WINBOT finishes cleaning, the station will start self-cleaning. After the self-cleaning, please wipe or air-dry any remaining water to prevent odors.

## 5. Power Off

Press and hold WINBOT's START button for 2 seconds to turn off WINBOT.



## 6. Unlock Safety Rope



## 7. Charge

Place the station near a power outlet and connect it to power. At room temperature, charging takes approximately 3 hours.

## 8. Store the Station

Store the station in a dry environment to prevent moisture damage to the battery and mainboard.

### Note:

1. Low temperatures (e.g., 5°C) may slow down charging and extend charging time.
2. WINBOT is designed for use in temperatures between 0-40°C. Do not charge it outside this range.
3. To maintain charging time and efficiency, charge within a temperature range of 4~40°C.
4. WINBOT's fan cannot operate while charging. Use WINBOT only after charging is complete.
5. The station cannot charge while WINBOT is in operation. Wait until cleaning is complete and WINBOT is removed before charging.
6. If WINBOT is not used for an extended period, fully charge it before powering it off for storage. It is recommended to recharge the device every six months to maintain the battery's healthy state.
7. If WINBOT is running while the station is charging, the charging speed will be significantly slower than when on standby. At room temperature (10~40°C), the estimated charging time is > 6 hours.
8. Upon receiving the low battery warning, it is crucial to fully charge WINBOT before any further use or storage to avoid reducing the battery's lifespan.

## 2.5 Advanced Features

Download the ECOVACS HOME App to control your WINBOT and unlock more features.

### a. Multiple Cleaning Modes

Deep Clean: Denser cleaning path for tackling heavy dust.

Thorough Clean: Intensive cleaning for a spotless finish.

Fast Clean: Quick removal of light dust.

Edge Clean: Cleaning along edges to clear accumulated dust.

Zone Clean: Leftward & Rightward—flexible division for targeted cleaning.

Spot Clean: Repeated wiping to remove localized dust.

Heavy-Duty Clean: Segmented wiping for enhanced efficiency.

### b. Troubleshooting

If WINBOT triggers an alarm, do not panic. Visit the App for detailed troubleshooting guidance.

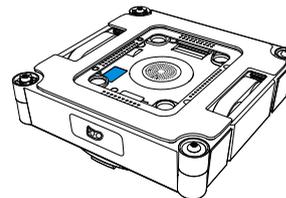
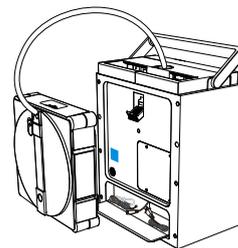
### c. Omnidirectional Remote Control

Use the App to control WINBOT with full-range remote functionality.

Features include: interior and exterior window views, 360° remote control, Spot Clean, and manual water spraying.

1. Scan the QR Code on the bottom to download the ECOVACS HOME App, or search and download the APP in the APP store.

2. Scan the QR code at the back of the station, follow the App's instructions to connect to WINBOT.



Or

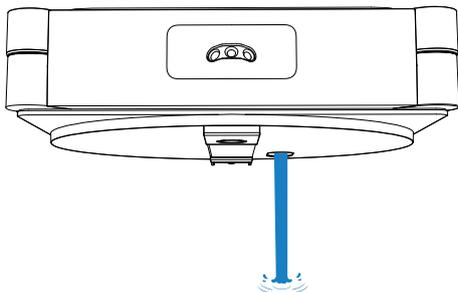


## 3. Component Maintenance

### 3.1 Water Tanks

#### a. Cleaning the WINBOT Water Tank

After the WINBOT has finished cleaning, pour out the residual liquid from its tank.



#### b. Cleaning the Station Water Tanks

After the WINBOT has finished cleaning, pour out the remaining liquid from both the station's clean water tank and the dirty water tank, and wash them out. If the tanks will not be used for a long period, allow them to air-dry to prevent the generation of odors.

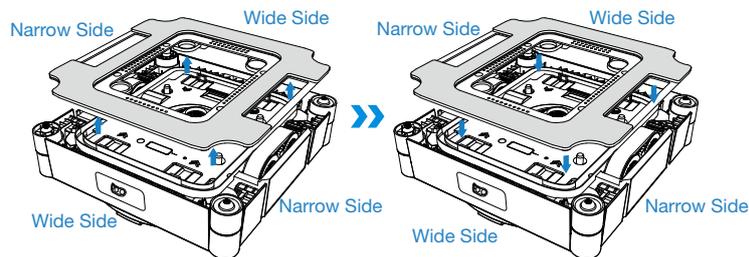
### 3.2 Wiping Pad

#### a. Replace Wiping Pad

Remove the soiled wiping pad, and install the clean wiping pad onto the bottom of WINBOT.

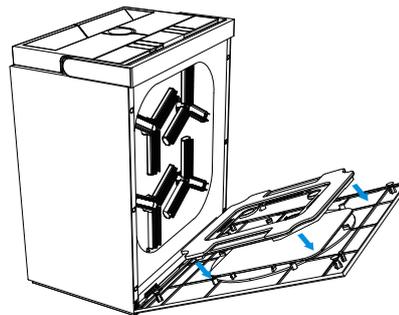
To ensure WINBOT's optimal cleaning performance, please replace a single wiping pad promptly after it has been used a total of 30 times. If you use two pads alternately, please replace the pads according to the actual usage condition.

Please replace the pad immediately if you frequently encounter low air pressure alerts during cleaning, if the pad surface shows obvious wear or deformation, or if the cleaning performance degrades.



#### b. Washing the Wiping Pad

Remove the wiping pad, place the wiping pad into the station's cleaning compartment. Ensure the plush side of the pad is facing the washing brush plate. After closing the door, select the appropriate mode and wait for the washing to complete before installing the pad.

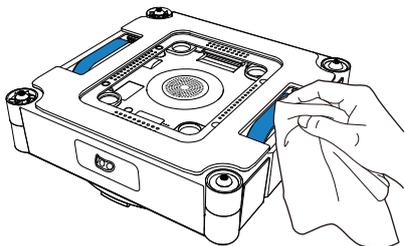


\* Regularly clean the wiping pad to extend its service life. If the wiping pad becomes worn, replace it with a new one to achieve optimal cleaning performance.

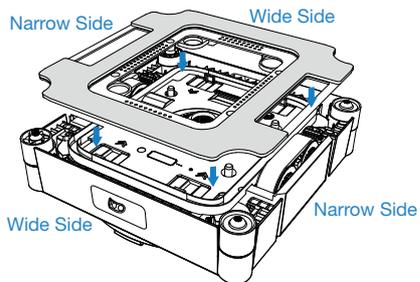
Explore more accessories at the ECOVACS HOME App or at <https://www.ecovacs.com/global>.

### 3.3 Driving Wheel Tracks

Before cleaning, ensure the fan is not running. Use the ECOVACS HOME App to remotely control WINBOT and check the driving wheel tracks. Pause the driving wheel tracks' operation if dirt is found. Then wipe the tracks clean with a clean cloth.

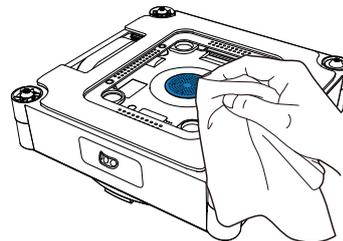


After cleaning the driving wheel tracks, install the wiping pad and resume cleaning tasks.

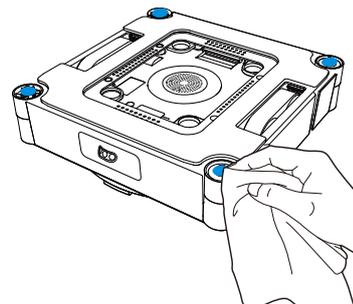


### 3.4 Bottom Component

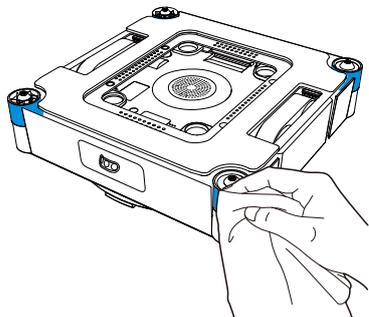
Fan: Wipe clean with a dry cloth to prevent damage to WINBOT's suction force.



Spherical Sensors: Wipe clean with a dry cloth to maintain its sensitivity.



Side Rollers: Wipe clean with a dry cloth to maintain its sensitivity.



## 4. Status Indicator Light

Indicator	Light Effect	Meaning
START Button/ Bottom Status Indicator Light	Solid Blue	WINBOT is working properly.
	Flashing Red	Malfunction. WINBOT is unable to function properly.

## 5. Troubleshooting

No.	Issues	Possible Causes	Solutions
1	The driving wheel tracks are slipping; Abnormal WINBOT walking path; WINBOT voice prompts "WINBOT slips"	The driving wheel tracks are dirty.	Refer to [Component Maintenance] in this manual to remove dust from the driving wheel tracks.
2	WINBOT does not move and the voice prompts "Insufficient air pressure".	There are gaps or cracks on the window.	Hold the safety rope or power cable with your hand. Meanwhile, use the ECOVACS Home App to control WINBOT to move away from the gap and obstacles.
		A small obstacle on the cleaning surface is blocking the wiping pad holder.	
3	WINBOT is moving slowly or spinning; WINBOT voice prompts "Stuck".	The driving wheel tracks are stuck.	Check if there is any dust or debris on the driving wheel tracks. If so, clean them with tools. Then restart WINBOT for auto cleaning. If the problem persists, please contact customer service.
		There are low obstacles on the surface of the window.	WINBOT cannot detect obstacles or frames with a height lower than 1 mm. In this case, please go to the App and follow the instructions to help WINBOT out.
4	The WINBOT remains stationary or exhibits abnormal cleaning path, and the voice prompt indicates a hardware error.	Spherical Sensor Signal Abnormality.	A. Check whether the Spherical Sensors are obstructed or covered by the Wiping Pad; B. Check for foreign objects on the Spherical Sensors. If any are present, clean them immediately; C. Check if the Spherical Sensors are damaged. If damaged, please contact Customer Service.
		Fan Abnormality.	Check for foreign objects on the fan. If any are present, clean them immediately; if the problem persists, please contact Customer Service.

5	WINBOT stops moving after rotating upon suctioning to the glass, and prompts: "Do not place WINBOT near an edge."	WINBOT is too close to the glass edge or an obstacle (e.g., a handle).	Use the ECOVACS HOME App to control WINBOT to move approximately 10cm away from the edge or obstacle, then restart cleaning. Alternatively, remove the WINBOT, restart it, and place it approximately 10cm away from the edge or obstacle to begin cleaning.
6	WINBOT voice prompts "Stuck". The driving wheels can spin, but the WINBOT cannot move.	Stuck by an obstacle.	After securing the safety lock buckle, gently pull the power cord by hand while using the ECOVACS HOME App to control WINBOT to move away from the trapped area. If the issue persists, please contact Customer Service.
7	WINBOT does not spray.	There is no cleaning solution in the water tank.	Please add ECOVACS WINBOT cleaning solution in time.
		The auto-spraying function is turned off in the App.	Please go to the App and turn on the auto-spraying function.
		WINBOT is cleaning at a low water level.	<ol style="list-style-type: none"> <li>1. Turn off WINBOT, restart it, and reattach it.</li> <li>2. Visit the App and follow the auto-spraying precautions to solve the problem.</li> <li>3. If the problem persists, please contact customer service.</li> </ol>
8	The prompt indicates a sewage overflow from the Cleaning Compartment.	Water has accumulated in the bottom groove of the Cleaning Compartment.	Wipe dry the accumulated water in the bottom of the Cleaning Compartment to prevent it from spilling onto the floor.

## 6. Connect WINBOT with APP

Turn on the Station's power switch and your phone's Bluetooth. Grant the ECOVACS HOME App permission to access your phone's Bluetooth. In the App, tap the  to enter Bluetooth pairing mode. You may skip the step of connecting to home Wi-Fi during the pairing process; however, connecting will allow you to remotely receive WINBOT message pushes.

- If WINBOT fails to connect to the App, try disconnecting any other connected Bluetooth devices and ensure WINBOT is not connected to any other phone, then try again.
- When remotely controlling WINBOT, Bluetooth disconnection may occur if the phone is too far away or if used through walls. If disconnected, please attempt to reconnect at a closer distance.
- To use WINBOT, you must allow the ECOVACS HOME App access permissions for Location, Bluetooth, and Phone Storage.

### Wi-Fi Network Requirements

- Please ensure that both your WINBOT and your mobile phone are connected to the same 2.4GHz router network.
- When connecting to the home Wi-Fi network, you can configure the DDoS protection feature by adjusting your router settings.

### How to Delete WINBOT?

WINBOT currently only supports binding to one account. Your WINBOT cannot connect to another account until it is unbound. You can delete WINBOT within the ECOVACS HOME App. Additionally, you can delete the robot by tapping the triangle icon next to the WINBOT's name.

Alternatively, you can perform a Factory Reset in the ECOVACS HOME App. After a Factory Reset, both your WINBOT and its Station will revert to factory settings, and WINBOT will be deleted from your account.

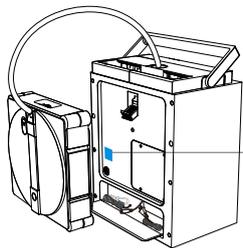
## 7. Technical Specifications

<b>Model</b>	<b>WG858-07</b>
Rated Input	220-240V~ 50-60Hz 2.0A
Station Dimensions (mm)	344*226*430
WINBOT Dimensions (mm)	270*270*76
Off/Standby Mode Power	Less than 0.50 W
Frequency Bands	2400-2483.5 MHz

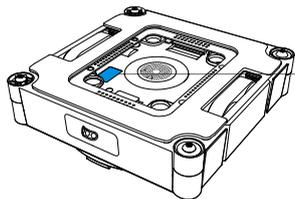
The max.EIRP of the window cleaning robot is 16.721dBm.

**Note:** Technical and design specifications may be changed for continues product improvement.

## Access Complete Instruction Manual



Scan the QR code on the robot to access the full instruction manual.



## 重要安全說明

使用本產品時，應始終遵循基本預防措施，包括以下內容：

### 使用本產品前請閱讀所有說明。

### 儲存這些說明

1. 本產品可供身體、感官或精神能力有缺陷或缺乏經驗和知識的人使用，前提是他們已接受有關以安全方式使用本產品的監督或指導，並了解所涉及的危險。兒童不得將本產品作遊戲用途。如果產品跌落、有明顯損壞跡象或漏水，則不應使用。通電時將產品放在兒童接觸不到的地方。
2. 請勿在極熱或極冷的環境（低於 0°C/32°F 或高於 40°C/104°F，高於 85% 濕度）使用和充電，否則可能會影響電池壽命。
3. 如果使用掛鉤將本產品正確拴在安全位置，在風平浪靜且沒有下雨或下雪，則可用於清潔外窗。
4. 使用前，請用掛鉤將安全繩鎖在堅固的室內欄杆上，並確保WINBOT穩固地固定在欄杆上。
5. 請勿在無人看管下使用產品。為防止因產品意外跌落而造成人身傷害或財產損失，請確保WINBOT工作區域下方沒有人、動物或貴重易碎物品。
6. 請勿在整個烈風風暴和 10 級強風中，或在海拔超過 2000 米（6562 英尺）的地區使用本產品。
7. 請勿在無人看管下將電源插入產品。
8. 只供家居使用（包括外窗）。請勿在商業或工業環境中使用本產品。
9. 請勿在破損或凹凸不平的玻璃上使用，例如貼有靜電貼紙的玻璃、廣告海報或凸起圖案，以免玻璃破裂或本產品掉落。請勿在有縫隙的表面上使用，例如一塊有縫隙或孔洞的玻璃，或兩塊相鄰的無框玻璃，它們之間有縫隙，以防止產品因安裝不良而掉落。
10. 僅使用製造商推薦或供應的配件。
11. 請確保你的電源供應器電壓與標籤上所示的電壓相符。
12. 請勿在框架小於 5 毫米（0.2 英寸）的帶框玻璃上使用本產品。
13. 請勿在厚度小於 3 毫米（0.12 英寸）的玻璃或厚度小於 4 毫米（0.16 英寸）的鏡子上使用。
14. 請勿在手柄高度為 70~105 毫米（2.76~4.13 英寸）的玻璃或鏡子上使用。
15. 請勿在附有油脂的窗戶上使用本產品。
16. 在高濕度環境下使用時，清潔效能會受到影響。
17. 將產品存放在遠離熱源和易燃物料的地方。
18. 下雨時，請勿在外窗上使用本產品，以免損壞或跌落。
19. 如果產品不能牢固地固定在玻璃上或有明顯的損壞跡象，請勿使用。
20. 為減低觸電風險，請勿將本產品放入水或其他液

體中。請勿將本產品放置或存放在可能掉落或被拉入浴缸或水槽的地方。

21. 請勿用濕手觸摸電源插頭。
22. 為本產品充電時，請勿將其放在其他產品上，並遠離火源和液體。
23. 注意切勿損壞電源線。請勿拉扯或搬運本產品，請勿將電源線用作把手，關上電源線上的窗戶，或將重物放在電源線上。保持電源線遠離熱表面。
24. 請勿在損壞的電源線或插座下使用。如果產品操作有異、跌落、損壞或與水接觸，請勿使用。為避免危險，必須由製造商或其服務代理進行維修。
25. 如果電源線損壞，必須由製造商或其服務代理更換，以免發生危險。
26. 在清潔或維護產品之前，必須從插座拔出插頭。
27. 為避免危險，安全電池必須由製造商或其服務代理進行更換。
28. 在處置產品之前，安全電池必須根據當地法律法規取出和棄置。
29. 在取出電池以處置產品之前，必須中斷產品與插座的連接。
30. 請根據當地法律法規處置廢舊電池。
31. 即使產品嚴重損壞，亦切勿焚燒產品。如遇上火災，電池可能會爆炸。
32. 必須按照本說明書中的指示使用產品。本公司

不因使用不當造成的任何損害或傷害而承擔責任或負責。

33. 機械人包含只能由技術人員更換的電池。
34. 插頭和基站必須在室內使用。
35. 如果WINBOT正在處理的中空玻璃漏水，請在清潔完成後立即將WINBOT拆下。
36. 清潔前，請觀察連接WINBOT的地方是否有細小的顆粒。如果有任何雜物，請將其移走，或者切換至無塵區，以免刮花玻璃。
37. 即時清潔抹布，確保抹布上的細粒均清潔乾淨，以免刮傷玻璃。
38. 為了減低受傷風險，在小朋友附近使用電器時，必須密切監督。
39. 切勿接觸活動部件。

為滿足射頻暴露要求，在裝置運作過程期間，本裝置與人員之間應保持20厘米或更遠的距離。

為確保合規性，建議不要在更近的距離內進作。用於此發射器的天線不得與任何其他天線或發射器放於同一位置。

	<b>Class II</b>
	<b>一種防止短路及安全隔離的火牛</b>
	<b>開關模式電源</b>
	<b>僅供室內使用</b>
	<b>直流電</b>
	<b>交流電</b>

## 關於歐盟國家

有關歐盟合規性聲明的資料，請瀏覽<https://www.ecovacs.com/global/compliance>



## 正確棄置本產品

此標記表示本產品在歐盟各地均不應與其他家居垃圾一同棄置。為防止無節制的廢物處理可能對環境或人類健康造成危害，請負責任地回收廢物以促進材料資源的可持續循環再利用。如要回收你使用過的裝置，請使用退貨及回收系統或聯絡所購買產品的零售商。他們可以安全循環再造此類產品。

## 裝置更新

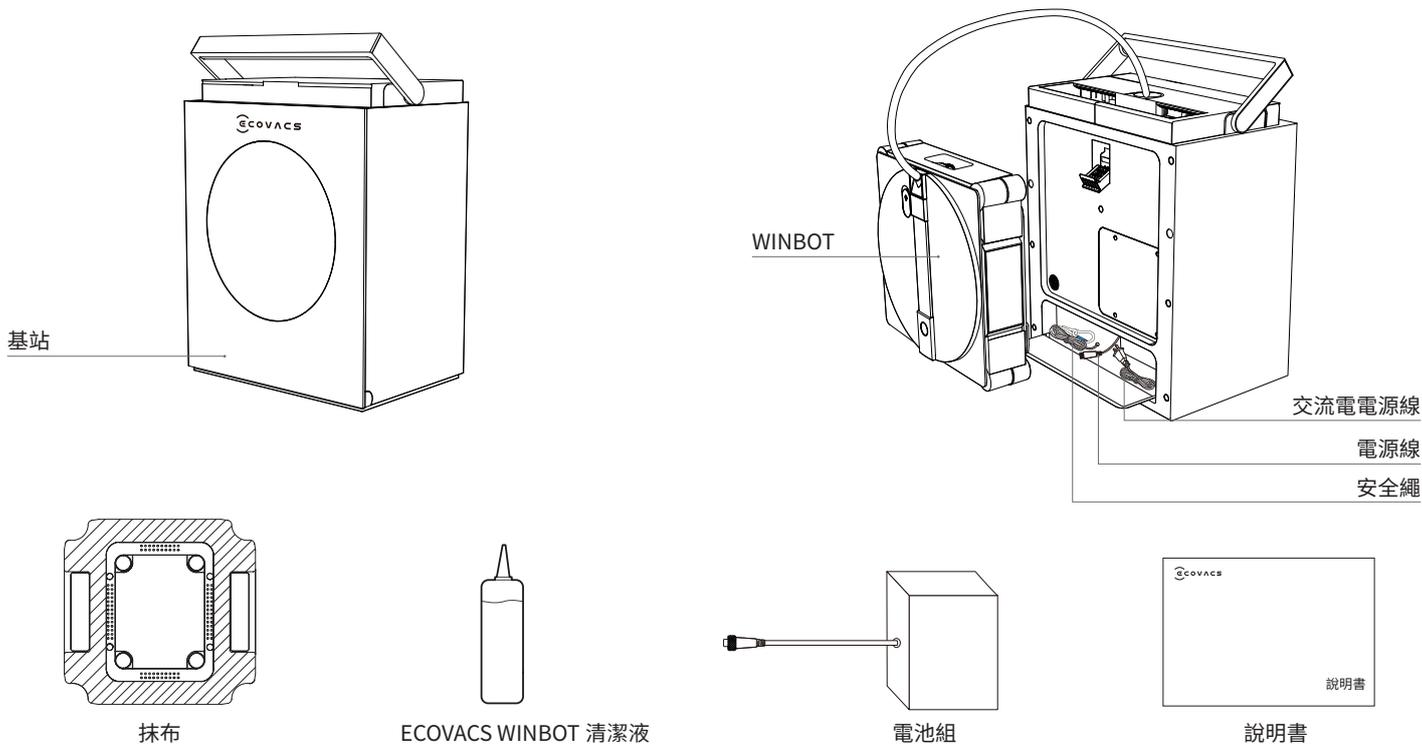
一般而言，某些裝置每兩個月會更新一次，但並不實際更新時間或有變。

部分裝置（尤其是那些三年多前開始銷售的裝置）只有在發現並修復嚴重漏洞之後才會更新。

如要檢查現時版本，開啟 ECOVACS HOME 應用程式，前往「設定」>「機械人更新」。你可以在這裡檢視WINBOT的版本和基站顯示。如果有新版本可用，就按「更新」取得最新版本的軟件。

# 1. 產品圖

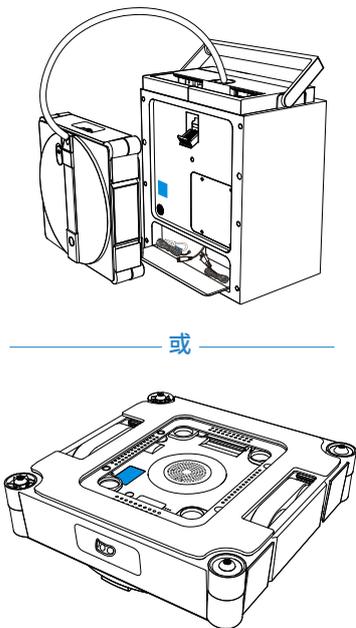
## 1.1 包裝內容



注意：圖片及說明僅供參考，可能與實際產品外觀有所不同。

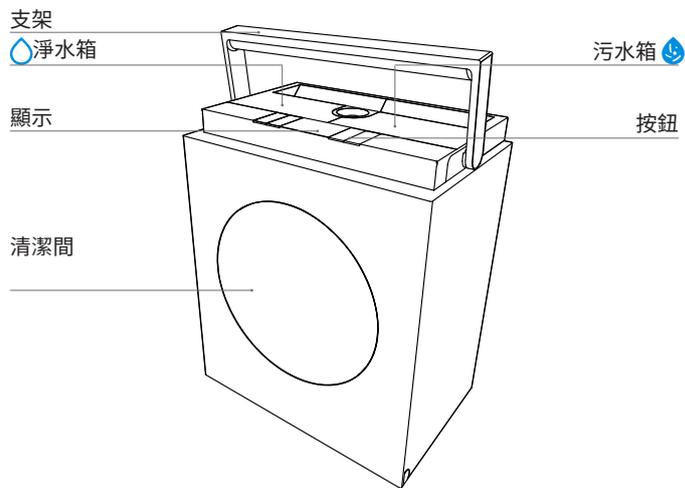
## 1.2 資訊指南

1 網絡設定 QR 碼位於基站背面及 WINBOT 底部。



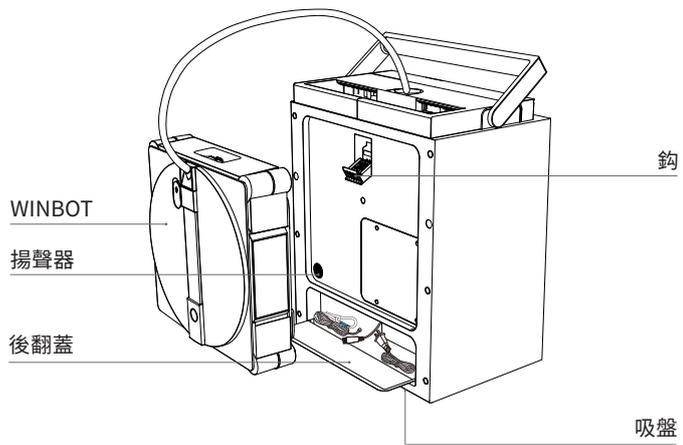
## 1.3 產品圖

基站前視圖

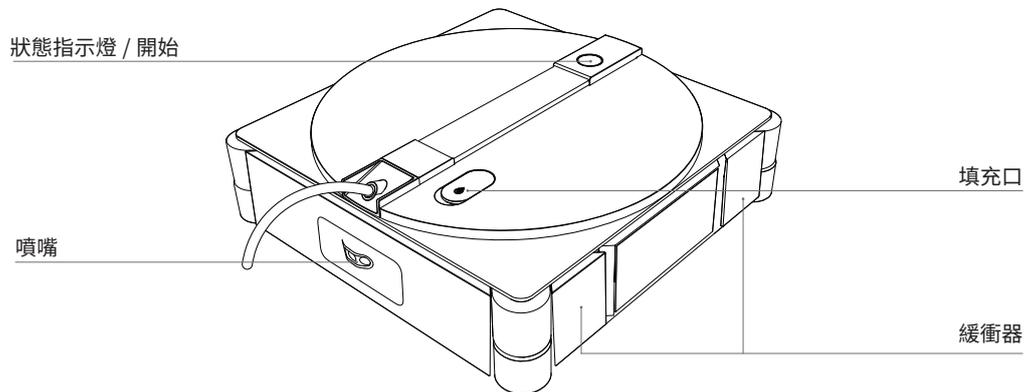


2 進行故障排除時，請登入 ECOVACS HOME 應用程式。

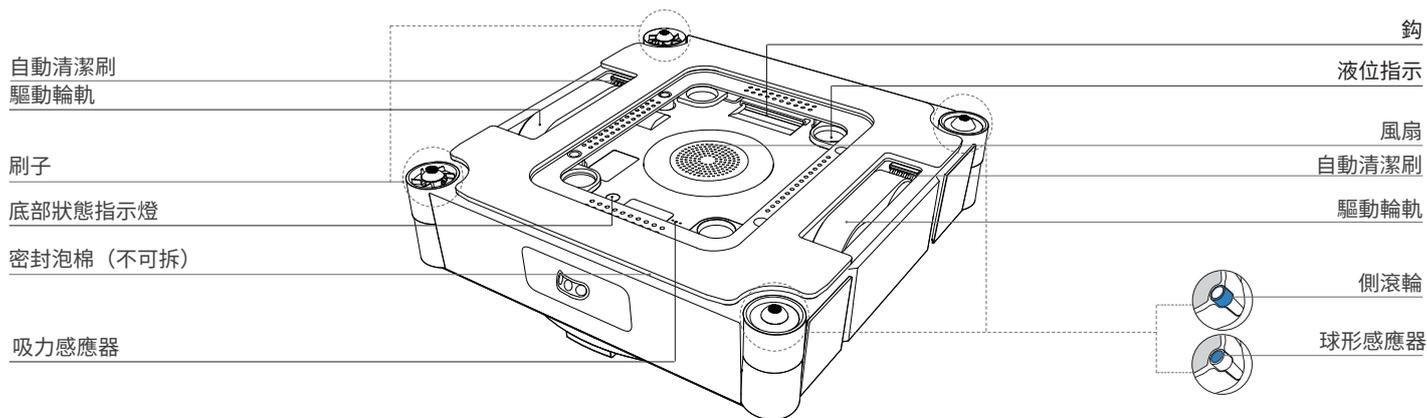
基站後視圖



## WINBOT 前視圖



## WINBOT 後視圖



## 感應器

組件	描述
無框感應器	基於光耦合開關的原理，當WINBOT的球形感應器頭伸出玻璃外時，機器就會識別到無框玻璃，並會後退。
氣壓監察感應器	透過偵測室內真空下的氣壓變化，為WINBOT進行實時加氣，或偵測到高於2mm的低台階。
IMU 感應器	三軸加速度計及三軸陀螺儀會偵測WINBOT的動作狀態，協處理器了解機器的移動及姿勢。
防卡感應器	透過實時檢測驅動輪電流，識別驅動輪的運作狀態，並防止摩打卡頓。
WINBOT 無水偵測感應器	根據電極導電原理，當WINBOT沒有水時，WINBOT水箱內的電極板就會斷開。
防撞感應器	透過物理碰撞檢測障礙物及邊緣，以作出即時的應對。
抹布支架位置感應器	使用 Hall 偵測清潔墊子時，必須感應到抹布支架已裝好，才會開始清潔工作；必須偵測到沒有墊子時，才啟動基站自動清潔。

門板位置感應器	使用 Hall 偵測時，必須先檢測到門的面板已關閉，然後才開始墊子清潔或基站自動清潔。
清潔水箱位置感應器	使用 Hall 偵測時會檢查水箱是否已裝好，如果未裝好就會發出警報。
淨水箱無水檢測感應器	使用 Hall 偵測時會檢查淨水箱內的淨水量是否足夠，當水位過低就會觸發警報。
污水箱滿位感應器	使用 Hall 偵測時會檢查污水箱是否已裝滿，當水箱裝滿時就會觸發警報。
有線繞線光電耦合器感應器	用光電耦合器檢測，量度電線回收的長度，確保電線能夠順利收回。

## 界面

界面	描述
藍牙	在網絡設定期間啟用藍牙功能，以控制 WINBOT 的運作。使用 UUID 0xFFFD 服務進行安全配置及資料互動。
Wi-Fi	啟用 Wi-Fi 功能，讓應用程式與 WINBOT 之間的資料可以即時傳送，以支援未來的 OTA 更新及訊息推送。
ECOVACS HOME 應用程式	下載並啟用最新版本的 ECOVACS HOME 應用程式，就可以使用網絡設定及清潔模式選擇等智能功能。
充電	將 WINBOT 接駁到電源，就可以充電。

## 2. 快速開始

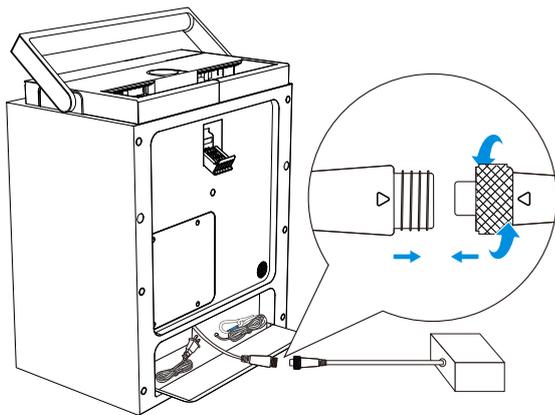
### 2.1 使用前準備

#### 1 安裝電池

WINBOT 可以直接使用。連接電池組可以進一步延長電池續航時間。

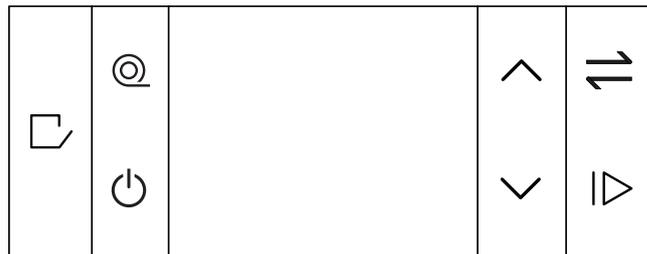
安裝步驟：

1. 取出電池組。
2. 開啟基地的後翻蓋，拉出黑色電源線插頭，對準電池組插槽，用力插緊。
3. 將已連接的電池組輕緩放入基地內相應的凹槽，然後合上並扣實後翻蓋。



## 2 基站概覽

### 1. 按鈕功能



：開啟清潔間

：收起電線

：開機 / 關機

：向上

：向下

：功能切換按鈕

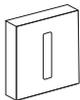
：開始 / 暫停 / 確認

返回起點：在 WINBOT 運作時，長按 。

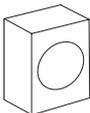
## 2. 螢幕功能

顯示器提供以下功能的快速存取及資訊：

- 3 種玻璃清潔模式：快速、深層及邊緣。（其他清潔模式可透過應用程式存取及控制。）



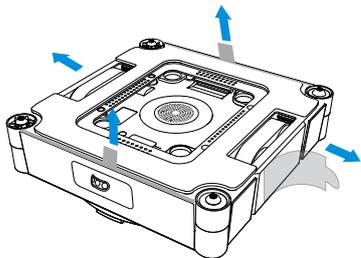
- 2 拖布清潔模式 + 自動清潔：  
拖布清洗模式：標準清洗、強力清洗



- 常見問題 - 常見問題



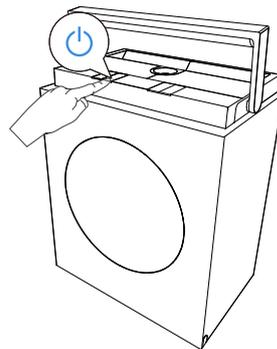
**注意：**請移除所有防護物料，包括但不限於包裹 WINBOT 的 EPE 防護條，以及 WINBOT 側邊的防護膜。



## 3 開機

按住電源按鈕  超過 2 秒，就可以同時啟動基站及 WINBOT。  
基站支援兩種運作模式：

1. 當未插入電源插座時，基站會用內置電池為 WINBOT 供電。
2. 當插入電源插座時，WINBOT 可以正常運作，同時基站的內置電池會慢慢充電。請參閱 [2.4 使用後存放及充電] 以獲取充電指示。



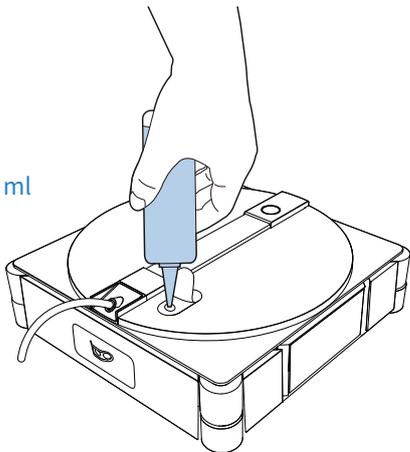
**注意：**當 WINBOT 開機但風扇未運作，且基站或 WINBOT 按鈕在  $\geq 20$  分鐘內無操作，就會自動進入休眠模式並關機。如要重新啟動，請再次按住基站的電源按鈕。（WINBOT 充電時不會自動進入休眠模式，亦不會自動關機）

#### 4 加入清潔液

將 ECOVACS WINBOT 清潔液加入水箱。水箱最大容量約為 80 ml，可覆蓋約 55 m<sup>2</sup> 的窗戶。

- ✓ 建議使用 ECOVACS WINBOT 清潔液，以獲得最佳清潔效果。如果 ECOVACS WINBOT 清潔液用完，可以暫時使用自來水。不過，ECOVACS WINBOT 清潔液的清潔效果會更好。
- ✗ 為免損壞產品，請勿使用 ECOVACS WINBOT 清潔液以外的任何清潔劑。請勿使用純淨水及過濾水。

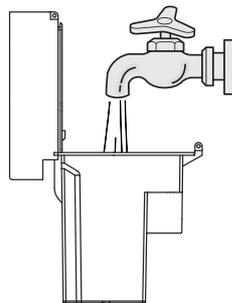
最大：80 ml



#### 5 水箱使用說明

向淨水箱加入乾淨的水。水箱的最大容量是 1.2 L。

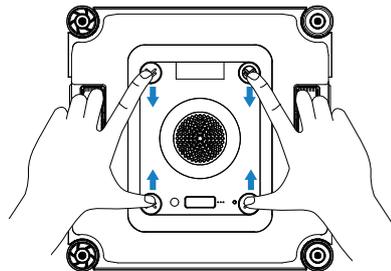
\* 請勿使用其他清潔劑。這樣可以防止抹布洗完之後變得太滑。



#### 6 清潔抹布

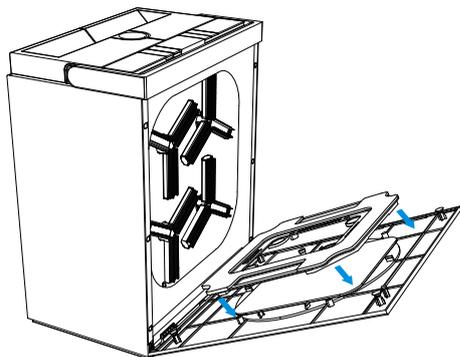
1. 從 WINBOT 移除抹布。

用雙手牢牢夾住抹布兩邊的夾片，然後向上提起就可以將它從 WINBOT 拆下。



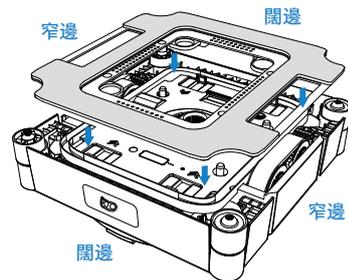
## 2. 弄濕抹布

在基站上按  按鈕，就可以開啟清潔間的門。將抹布放入清潔間，絨毛面朝內。然後關好門，選擇「標準清洗」，抹布就會徹底濕透。



## 3. 裝上抹布

提起濕潤的抹布，小心對準。確保闊邊及窄邊對準驅動輪的槽。按落四個安裝夾，直到聽到「咔嗒」聲，即表示安裝成功。

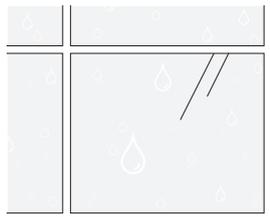


## 2.2 清潔前的注意事項

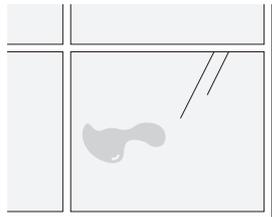
以下情況不建議使用 WINBOT：

### 1 高溫度 / 極寒冷

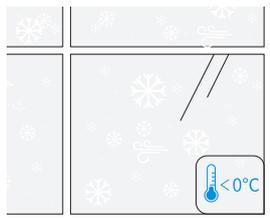
在以下情況下，WINBOT 可能會有移動困難。



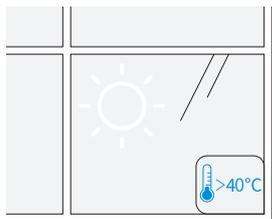
冷凝



油漬



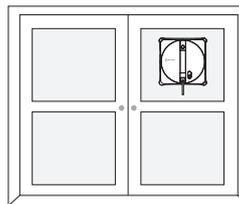
0°C 以下



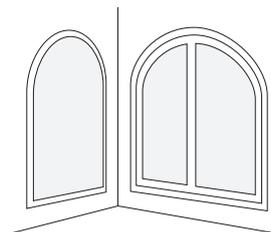
40°C 以上

### 2 細小或不規則的玻璃

WINBOT 可能在以下情況下無足夠的操作空間。



小玻璃



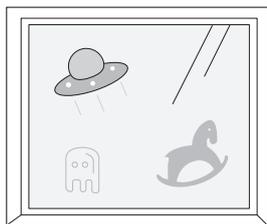
不規則形狀

 WINBOT 在方型及大型窗戶上提供最佳表現。

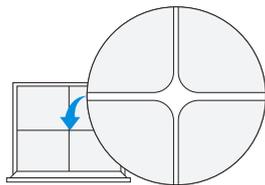
 WINBOT 在乾爽表面及氣溫高於 0°C 時，提供最佳表現。

### 3 不平衡的窗

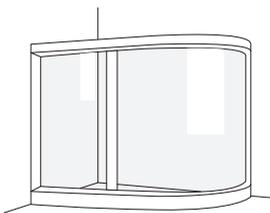
在以下情況下，WINBOT 可能會出現氣壓不足的情況。



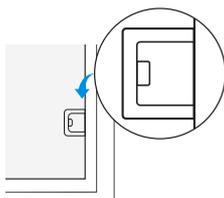
靜電窗貼及貼紙等。



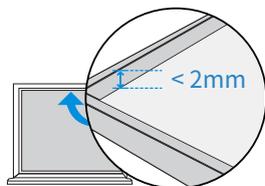
裂縫



曲面玻璃



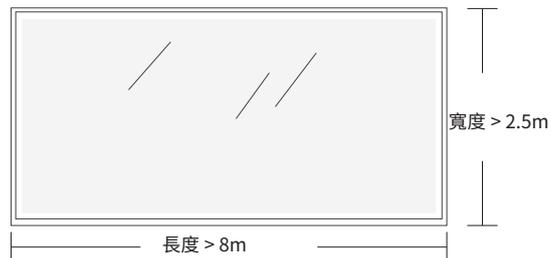
障礙物高度 < 2 毫米



框高 < 2mm

### 4 超大外窗

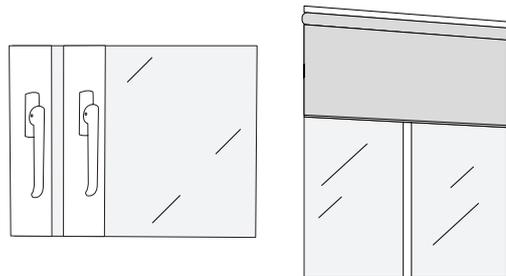
受制於複合電線的長度，當窗戶尺寸超過 8m \* 2.5m 時，WINBOT 可能難以穿越整個窗戶。



\* 只在分區清潔模式方可。

### 5 近距離障礙物

當附近狹窄空間、窗戶把手 / 門把手 / 窗簾盒 / 櫥櫃之間的開口或縫隙以及牆壁 / 窗戶等表面接近其高度時，WINBOT 可能會卡住。



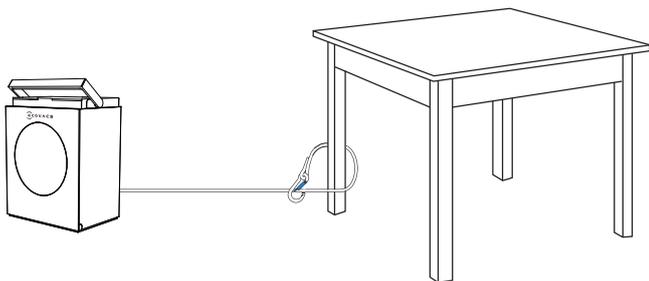
嘗試將 WINBOT 放於縫隙之間，以確認安全通過；如果卡住，則請勿在此使用機器人，以免損壞機器人本身或四周的傢俬。



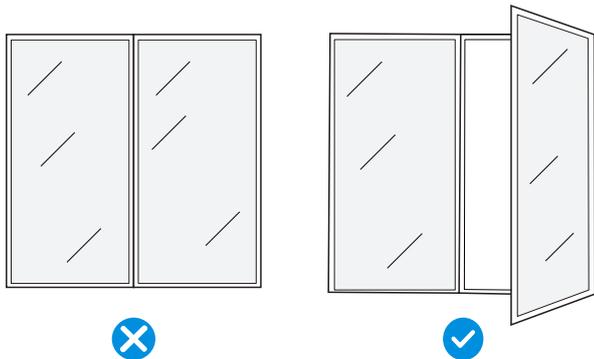
WINBOT 在光滑平坦的表面上表現更好，確保吸力穩定，移動暢順。

使用前，確保基站的掛鈎牢固地固定在穩定、不可移動的物體上，例如桌腳、椅腳、床腳、梳化腳、窗簾桿或樓梯扶手。鎖實掛鈎，提防意外。

安全繩及掛鈎是在出廠時預先安裝的。切勿隨意拆下



如要清潔玻璃面板門，請在安裝 WINBOT 前打開門，以免 WINBOT 因門縫狹窄而墜落。



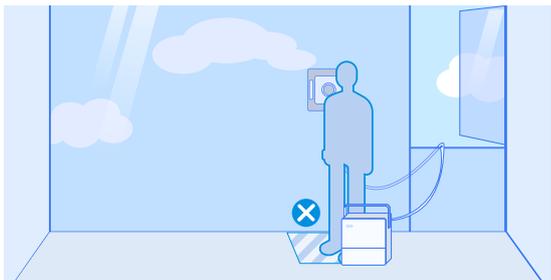
## 2.3 開始

### 1 擺放基站

將基站放在要清潔的窗邊。

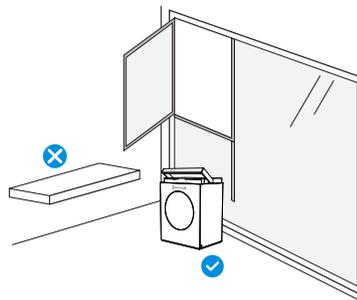
#### 注意：

1. 將基站盡量擺近窗邊，以防複合電線令行人或寵物絆倒。
2. 清潔大面積全景窗時，將基站擺放在窗框附近的地面，以避免電源線受拉扯。



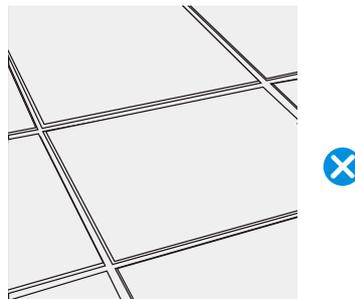
\*WINBOT 的電源線長 5.5m，最大適用單窗尺寸為闊 8m、高 2.5m。

3. 必須將基站擺放在平坦、無接縫的地面。



\* 請勿將基站放置於高處，例如枱面或檯面。

4. 切勿將基站放在不平的表面，例如地氈或者有縫隙的瓷磚 / 木地板。



\* 基站底部的吸盤設計是用來貼在光滑無縫的地面，例如無縫的拋光地板、瓷磚及大理石。

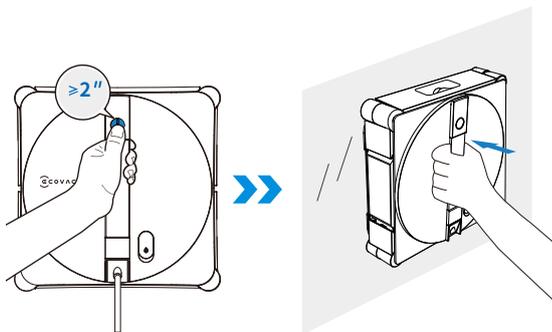
## 2 開始清潔

確保基地的電源已開啟。

1. 清潔前，確保清潔面積大於 WINBOT 的尺寸，然後貼在玻璃上。
2. 按住 WINBOT 的 START 按鈕  兩秒，以啟動風扇。
3. 聽到風扇開始轉後，將 WINBOT 底部（有抹布啣面）貼實玻璃。WINBOT 會自動貼住窗戶，然後開始清潔。

### 注意：

- \* 清潔無框玻璃時，請勿將 WINBOT 貼得太靠近邊緣。建議離邊緣 10cm 以上。
- \* WINBOT 只可在平坦、無接縫的表面使用。
- \* 開機後，請將風扇遠離頭髮及細小物件，以防堵塞。
- \* 請勿在 WINBOT 清潔時站在 WINBOT 下或附近。



## 3 切換清潔模式

當 WINBOT 運作時，可以在站上切換清潔模式。WINBOT 會自動以新選擇的模式開始清潔。

### 注意：

\* 基地的模式切換按鈕可以依次切換至快速清潔、深層清潔及邊緣清潔。要使用更多清潔模式，請參考 ECOVACS HOME 應用程式。

### 揀選清潔模式

用基站按鈕揀選合適的清潔模式。如果無做任何揀擇，WINBOT 會預設為上次使用的模式。

### 建議清潔模式：

內窗：一般來說，內窗不好污糟——建議用快速清潔。

外窗：一般來說，外窗非常污糟——建議用深層清潔。

如需更多清潔模式詳情，請參閱應用程式。

注意：邊緣清潔未儲存。WINBOT 第一次使用時的預設清潔模式是深層清潔。

## 4 抹布清洗模式

當抹布沾上頑固污漬或需要徹底清潔時，請將抹布放入基地的清潔間進行清洗。

### 選擇清洗模式：

請在站上揀選合適的清潔模式。如果無揀選模式，系統會預設為最後一個記住的模式。

- 標準清洗：用來清潔輕微污漬的墊子。
- 強力清洗：用來清潔污漬嚴重的墊子。

## 5 暫停及移動基站

### 暫停

要暫停 WINBOT 的現有運作，請按基站的電源按鈕。再次按一下按鈕以繼續清潔工作。

### 移動基站

如果在清潔期間需要移動基站，請緊握基站的手柄並將它提起。吸盤會自動解鎖。一旦鬆開手柄，會自動返位，吸盤就會自動吸實並鎖定。

### 注意：

使用前，請確保在基站放置位置半徑 10cm 內，沒有牆壁、傢俬或其他障礙物。這樣可以令手柄自然跌到最低點。如果阻礙物令手柄無法完全放下，吸盤的吸附力可能會減弱。

## 6 完成

### 工作中途結束

要中途停止 WINBOT 的運作：

1. 按住基站的 **|▷** 兩秒或以上。WINBOT 會立即停止現有工作，返回起點等候被移走。
2. 按住 WINBOT 的 **⊙** 兩秒或以上。風扇會停止，按照語音提示移除 WINBOT。

### 工作完成

WINBOT 完成清潔工作後，會自動返回起點，等候被移走。

按住 WINBOT 的 **⊙** 兩秒或以上，就可以停止風扇。現在，按照語音提示移除 WINBOT。

\* 移除 WINBOT 時，要緊握手柄，以免跌落。

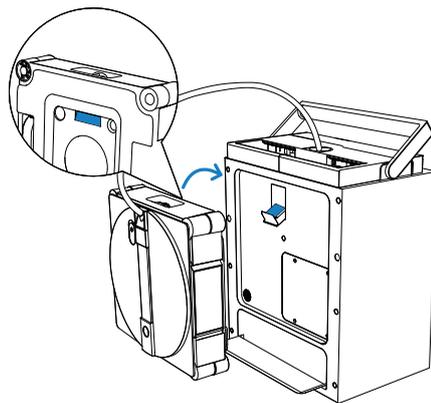
## 2.4 使用後存放及充電

### 步驟：

#### 1. 收納 WINBOT

將 WINBOT 朝外擺放，複合電線插口朝上。將 WINBOT 的有顏色的一面掛在基站背面的鈎上。

收納 WINBOT 前，請移除濕抹布。存放前請等它完全乾透，以防發臭。

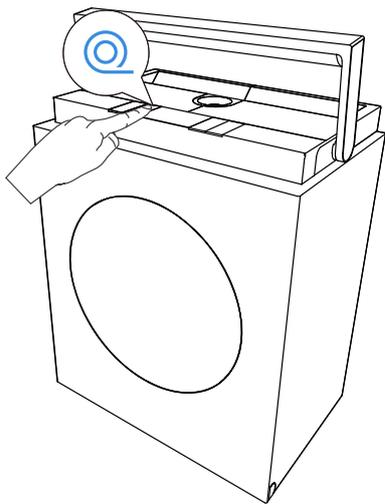


## 2. 收起電線

當 WINBOT 掛在鈎上時，按一下電線收縮按鈕，就會開始快速收納電線。

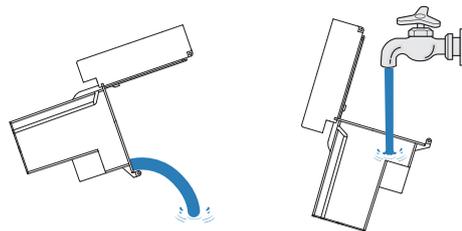
\* 將近完成收回電線時，過程會放慢。這是正常現象，不用擔心。

\* 收線時，電源線可能會打圈。這是正常的。如果需要，請先手動校正電線，然後再次按壓收纜按鈕以完成收纜。



## 3. 清洗基站水箱

WINBOT 清潔完畢後，將基站的淨水箱及污水箱內剩餘的水倒出，然後用水沖洗乾淨。

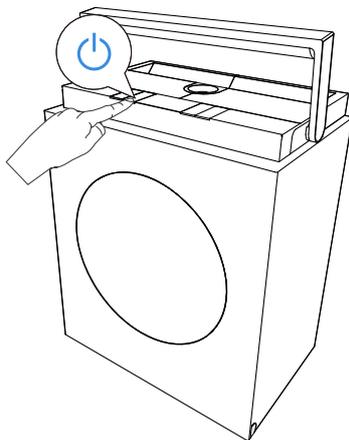


## 4. 清洗清潔間

一旦 WINBOT 完成清潔後，基站就會開始自動清潔。清潔完畢後，請抹走或晾乾任何殘留的水份，以防發臭。

## 5. 關機

長按 WINBOT 的 START 按鈕兩秒鐘，就可以關機。



## 6. 解開安全繩



## 7. 充電

將基站放在插座附近，然後插電。在室溫下，充電大約需要三個小時。

## 8. 收納基站

將基站存放於乾燥環境，以防潮氣損害電池及底板。

### 注意：

1. 低溫（例如 5° C）可能會減慢充電速度，並延長充電時間。
2. WINBOT 是設計在 0 至 40° C 的溫度下使用。切勿在這個範圍之外為它充電。
3. 為保持充電時間及效率，請在 4° C 至 40° C 之間充電。
4. WINBOT 的風扇在充電時不能夠運作。只有在充電完成之後才使用 WINBOT。
5. 當 WINBOT 正在運作時，基站無法充電。等清潔完成及 WINBOT 移除後再充電。
6. 如果 WINBOT 長時間不使用，存放前才充滿電，再關機。建議每隔六個月為裝置充電一次，以維持電池的健康狀態。
7. 如果 WINBOT 在基站充電時運作，充電速度會比待機時明顯慢。在室溫（10-40° C）下，估計充電時間是 > 6 個小時。
8. 當收到低電量提示時，必須在再次使用或存放前將 WINBOT 充滿電，以免縮短電池壽命。

## 2.5 進階功能

下載 ECOVACS HOME 應用程式，控制你的 WINBOT，並解鎖更多功能。

### a. 多種清潔模式

深層清潔：更密集的清潔路徑，專門對付嚴重塵垢。

徹底清潔：深層清潔，令表面完美無瑕。

快速清潔：快速去除輕微塵埃。

邊緣清潔：沿住邊緣清潔，清除積聚的塵埃。

分區清潔：左向及右向——靈活分區，針對性清潔。

局部清潔：重複擦拭以去除局部灰塵。

強力清潔：分段抹拭，提升效率。

### b. 故障排除

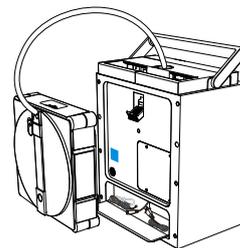
如果 WINBOT 觸發警報，毋須驚慌。請瀏覽 App 以獲取詳細的故障排除指南。

### c. 全向遙距控制

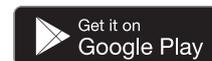
用 App 來控制 WINBOT，具備全範圍遙距控制功能。功能包括：內外窗景觀、360°遙距控制、局部清潔和手動噴水。

1. 掃描底部的 QR 碼下載 ECOVACS HOME 應用程式，或者在 App Store 搜尋並下載該應用程式。

2. 掃描基站背後的 QR 碼，按照 App 提示來連接 WINBOT。



或

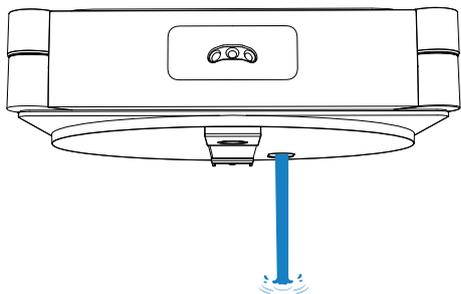


### 3. 零件保養

#### 3.1 水箱

##### a. 清潔 WINBOT 水箱

等 WINBOT 清潔完畢後，將水箱內的剩餘液體倒出。



##### b. 清洗基站水箱

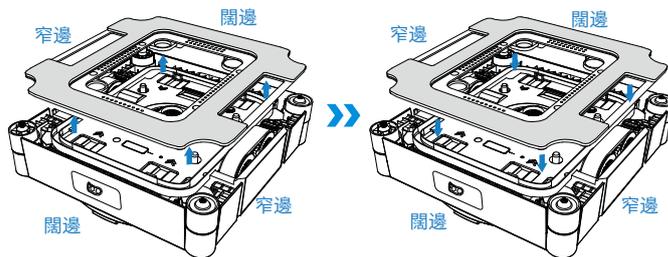
WINBOT 清潔完畢後，將基站的淨水箱及污水箱內剩餘的水倒出，並用水沖洗乾淨。如果長時間不會水箱，就等水箱自然吹乾，以防產生異味。

#### 3.2 抹布

##### a. 更換抹布

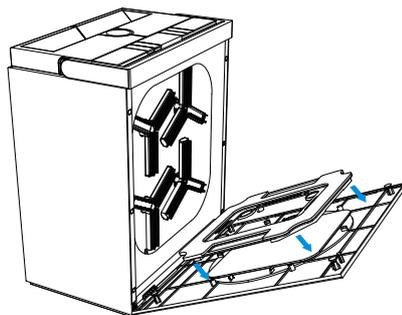
移除污糟的抹布，然後將乾淨的抹布安裝在 WINBOT 底部。

為了確保 WINBOT 的最佳清潔效能，請在抹布用足 30 次後立即更換。如果你交替使用兩塊墊，請根據實際使用情況更換墊子。如果你在清潔時經常收到低氣壓警示、墊面明顯磨損或變形，或者清潔效能下降，請立即更換墊子。



##### b. 清洗抹布

移除抹布，將抹布放入基站內的清潔間。確保墊的絨毛面朝住洗刷板。關好門之後，揀選合適的模式，等清洗完成才裝上墊子。

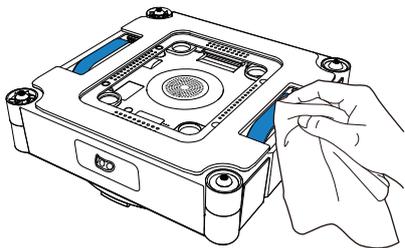


\* 定期清潔抹布，以延長其使用壽命。如果抹布磨損，就換塊新的，才可以達到最佳清潔效果。

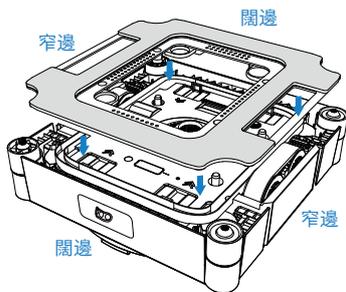
請前往 ECOVACS HOME App 或 <https://www.ecovacs.com/global> 探索更多配件。

### 3.3 驅動輪軌

清潔前，請確保風扇沒有運轉。使用 ECOVACS HOME App 遙距控制 WINBOT 並檢查驅動輪軌。如果發現有污垢，請暫停驅動輪軌的操作。然後用乾淨的布抹乾淨路軌。

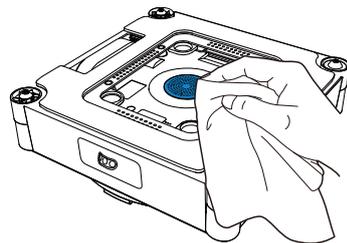


清潔完驅動輪軌後，安裝抹布並繼續清潔工作。

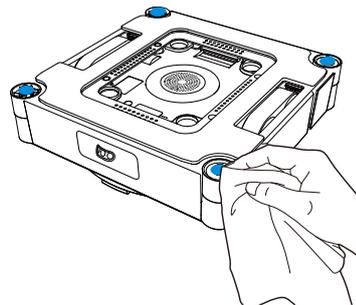


### 3.4 底部零件

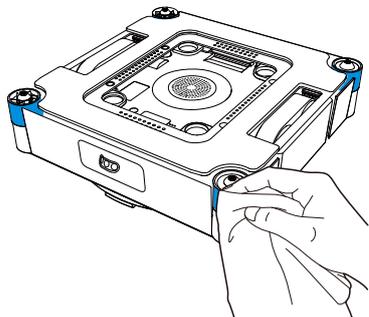
風扇：用乾布擦拭乾淨，以免損壞 WINBOT 的吸力。



球形感應器：用乾布擦拭乾淨，以保持其靈敏度。



側滾輪：用乾布擦拭乾淨，以保持其靈敏度。



## 4. 狀態指示燈

指示	燈光效果	意義
START 按鈕 / 底部狀態指示燈	純藍色	WINBOT 運作正常。
	紅色閃爍燈	故障。WINBOT 無法正常運作。

## 5. 故障排除

編號	問題	可能成因	解決方案
1	驅動輪軌打滑；WINBOT 移動軌跡異常；WINBOT 發出聲音提示：「WINBOT 打滑」	驅動輪軌骯髒。	請參閱本說明書中的 [ 零件保養 ] 來清除驅動輪軌的塵垢。
2	WINBOT 未能移動，語音提示：「氣壓不足」。	窗戶上有縫隙或裂縫。	用手提著安全繩或電源線。同時，使用 ECOVACS Home App 控制 WINBOT 移離縫隙及障礙物。
		清潔表面有一個細小的障礙物，擋住抹布支架。	
3	WINBOT 移動緩慢或者原地打轉，WINBOT 語音提示：「卡住」。	驅動輪軌卡住。	檢查驅動輪軌上是否有灰塵或碎屑。如有，請使用工具清潔。然後重新啟動 WINBOT 進行自動清潔。如果問題仍然存在，請聯絡客戶服務部。
		窗面有低矮的障礙物。	WINBOT 無法偵測障礙物或高度低於 1mm 的框架。在此情況下，請前往 App，按照指示為 WINBOT 離開。
4	WINBOT 保持靜止或呈現異常清潔路徑，語音提示指硬件出錯。	球形感應器訊號異常。	A. 檢查球形感應器是否被抹布擋住或者蓋著； B. 檢查球形感應器有無異物。如有的話，就要立即清理； C. 檢查球形感應器有無損壞。如有損壞，請聯絡客戶服務部。
		風扇異常。	檢查風扇有無異物。如果有任何污漬，請立即清理；如果問題持續，請聯絡客戶服務部。
5	WINBOT 在吸住玻璃後旋轉完後就未能移動，並提示：「切勿將 WINBOT 放在邊緣附近。」	WINBOT 離玻璃邊緣或障礙物（例如手柄）太近。	用 ECOVACS HOME 應用程式控制 WINBOT，令它向邊緣或障礙物移動大約 10cm，然後重新開始清潔。或者移走 WINBOT，重新啟動它，然後將它擺放在遠離邊緣或障礙物大約 10cm，再開始清潔。
6	WINBOT 語音提示：「卡住」。驅動輪可以轉動，但 WINBOT 無法移動。	被障礙物卡住。	扣好安全鎖扣後，一邊用 ECOVACS HOME 應用程式控制 WINBOT 移離受困區域，一邊用手輕拉電源線。如果問題仍然存在，請聯絡客戶服務部。

7	WINBOT 不會噴出東西。	水箱內沒有清潔液。	請即時加入 ECOVACS WINBOT 清潔液。
		自動噴灑功能可在 App 內關閉。	請前往 App，開啟自動噴灑功能。
		WINBOT 在低水位下清洗。	<ol style="list-style-type: none"> <li>1. 關閉 WINBOT，重新啟動它，然後重新連接它。</li> <li>2. 開啟應用程式，並跟隨自動噴灑的注意事項以解決問題。</li> <li>3. 如果問題仍然存在，請聯絡客戶服務部。</li> </ol>
8	提示指清潔間有污水溢出。	清潔間底部的槽內有積水。	抹乾清潔間底部積聚的水，防止灑到地上。

## 6. 把 WINBOT 與 APP 連接

開啟基站的電源開關，以及你手機上的藍牙。授予 ECOVACS HOME 應用程式存取你手機上的藍牙權限。在 App 內，按「[-]」進入藍牙配對模式。配對過程中，你可以略過連接至家中 Wi-Fi 的步驟；但是連接後，你就可以遙距接收 WINBOT 訊息推送。

- 如果 WINBOT 無法連接至應用程式，請嘗試中斷其他已連接的藍牙裝置，並確保 WINBOT 未連接至其他手機，然後再試一次。
- 遙距控制 WINBOT 時，如果手機距離太遠或隔牆使用，藍牙連線可能會中斷。如果連接中斷，請嘗試在更近的距離重新連接。
- 要用 WINBOT，你必須允許 ECOVACS HOME App 獲取位置、藍牙及手機儲存的權限。

### Wi-Fi 網絡要求

- 請確保你的 WINBOT 與手機均正連接相同的 2.4GHz 路由器網絡。
- 當連接家中 Wi-Fi 網絡時，你可以透過調整路由器設定，配置 DDoS 保護功能。

### 如何刪除 WINBOT ？

WINBOT 現時只支援綁定一個帳號。你的 WINBOT 未解除連結前，是無法連接其他帳號的。你可以在 ECOVACS HOME App 內刪除 WINBOT。另外，你可以在 WINBOT 名稱旁邊按三角形圖示來刪除機械人。

或者，你可以在 ECOVACS HOME 應用程式進行原廠設定。完成原廠設定後，你的 WINBOT 和基站都會還原至出廠設定，WINBOT 亦會從你的帳號中刪除。

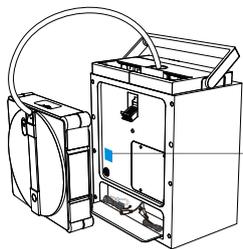
## 7. 技術規格

型碼	WG858-07
額定輸入值	220-240V~ 50-60Hz 2.0A
基站尺寸 (mm)	344*226*430
WINBOT 尺寸 (mm)	270*270*76
關閉 / 待機模式電源	小於 0.50 W
頻帶	2400-2483.5 MHz

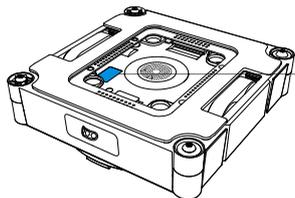
窗戶清潔機械人的最大EIRP是16.721dBm。

**注意：**為了不斷改進產品，技術和設計規範可能會發生變化。

## 取得完整的說明書



掃描機械人上的 QR 碼，就可以  
查閱完整的說明書。



**Ecovacs Home Service Robotics Co., Ltd.**

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Wuzhong District, Suzhou, Jiangsu, China.