



WINBOT **W2S** PRO 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 children aged from 8 years and above and persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the Appliance in a safe way and understand the hazards involved. Children shall not play with the Appliance. Cleaning and user maintenance shall not be made by children without supervision.
2. Do not use and charge the Appliance in extremely hot or cold environments (below 4°C/39.2°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. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
 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.

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

For EU Countries

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



Correct Disposal of this Product

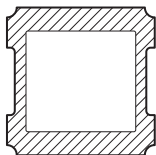
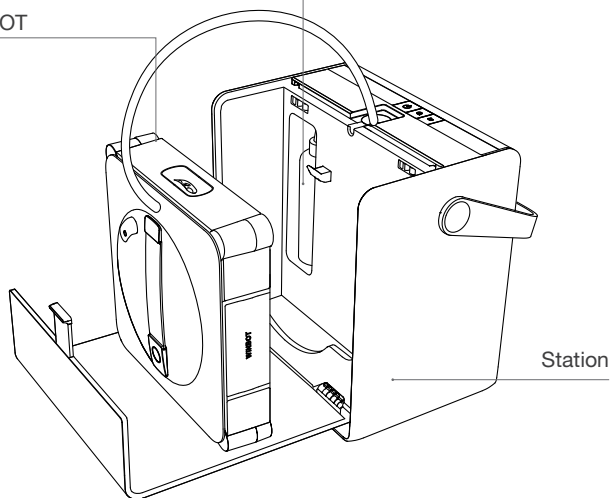
This marking indicates that this product should not be disposed of with other household waste throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To recycle your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

1. Product Overview

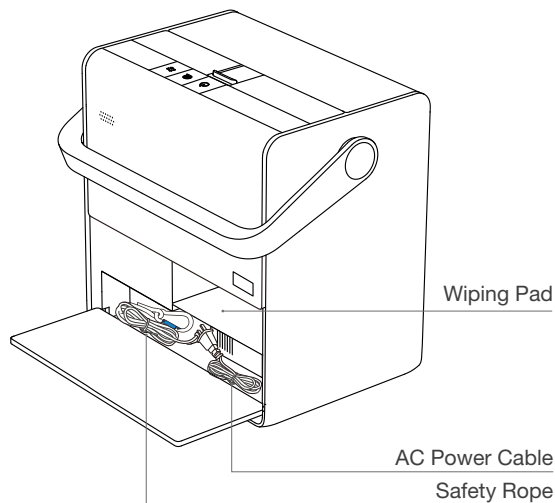
1.1 Package Contents

ECOVACS WINBOT Cleaning Solution

WINBOT



Wiping Pad

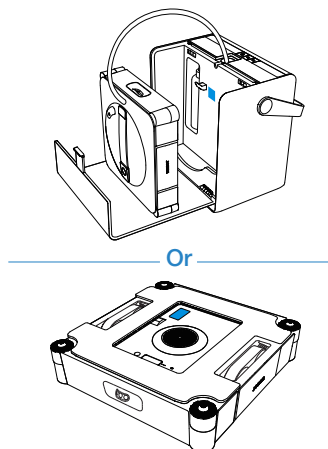


Instruction Manual

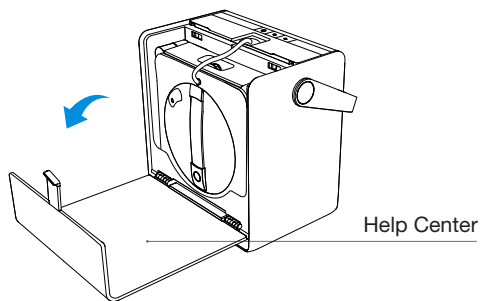
Note: Figures in this manual are for reference only and may differ from the appliance. Product design and specifications are subject to changes without notice.

1.2 Information Guide

① The network configuration QR code is inside the station and on WINBOT's bottom.

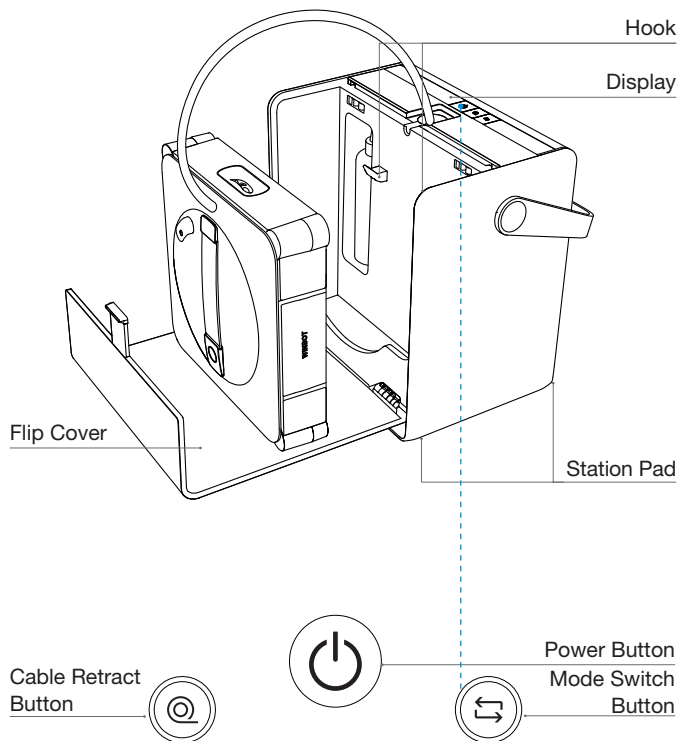


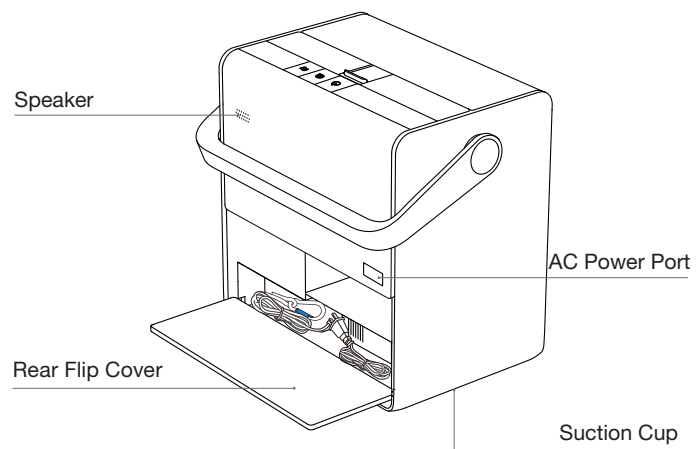
② For common issues regarding usage and applicability, refer to the "Help Center" inside the station's cover.



③ For troubleshooting, log in to the ECOVACS HOME App.

1.3 Product Diagram





Front View

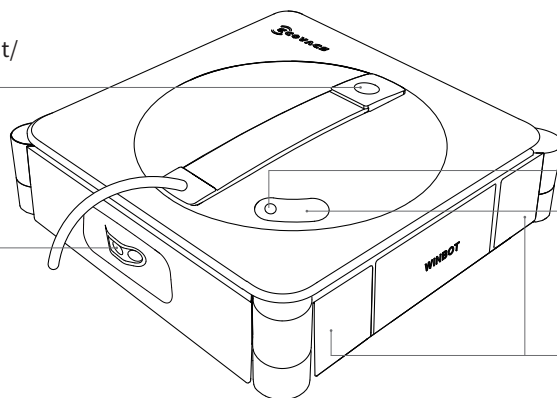
Status Indicator Light/
START Button

Spray Nozzle

Filling Opening

Water Tank

Bumper



Bottom View

Self-Cleaning Brush

Driving Wheel Tracks

Spherical Sensors

Bottom Status Indicator Light

Suction Sensor

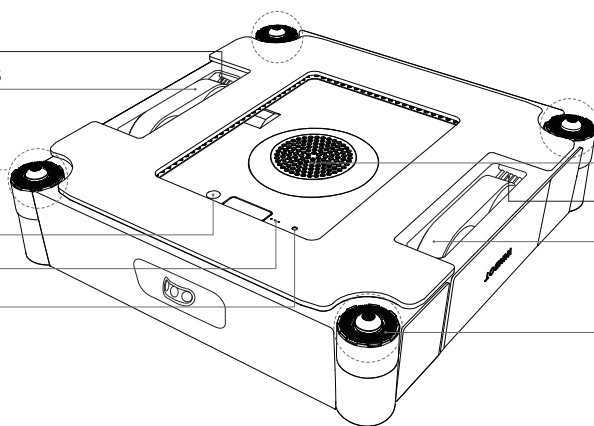
RESET Button

Fan

Self-Cleaning Brush

Driving Wheel Tracks

Brush

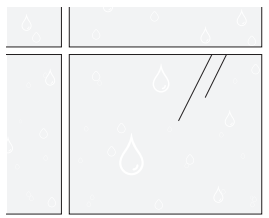


2. Quick Start

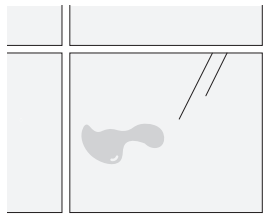
2.1 Notes Before Cleaning

- 1 Do not use WINBOT on windows with condensation or oil stains or in extremely cold or hot environments.

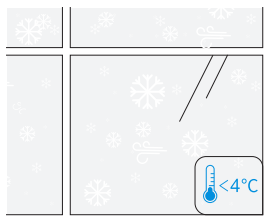
WINBOT may have difficulty moving in the following conditions.



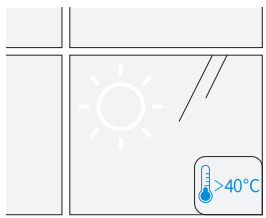
Condensation



Oil stains



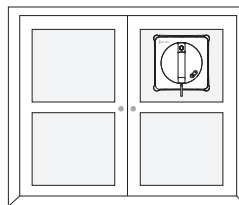
below 4°C



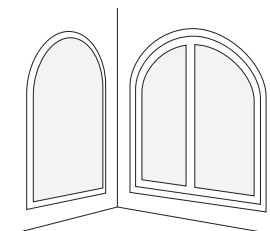
above 40°C

- 2 Do not use WINBOT on windows that are too small or have irregular shapes.

WINBOT cannot move around in the following conditions.



Small Glass
(Minimum Glass Size: 30×40cm)



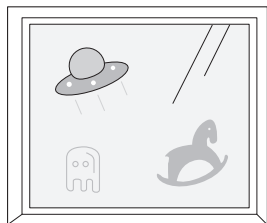
Irregular Shapes

 WINBOT performs better on square and large windows.

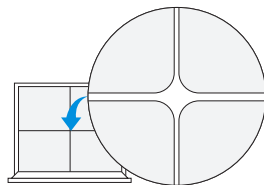
 WINBOT performs better on dry surfaces and in temperatures above 4°C.

3 Do not use WINBOT on uneven windows.

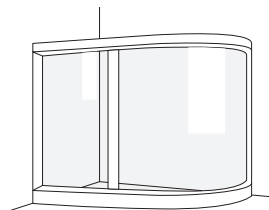
WINBOT may experience insufficient air pressure in the following conditions.



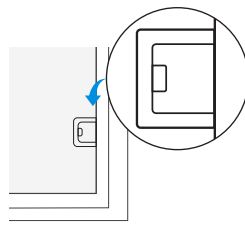
Electrostatic Window Decals, Stickers, etc.



Cracks



Curved Glass



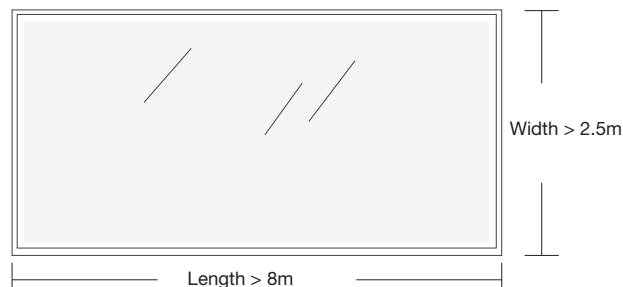
Obstacle Height < 2 mm



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

4 Do not use WINBOT on windows that are too large.

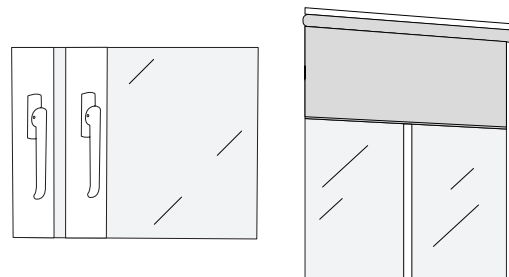
WINBOT may be unable to complete the task due to the compound cable's length limitation.



* Only available in Zone Clean mode.

5 Do not use WINBOT near narrow gaps close to its height.

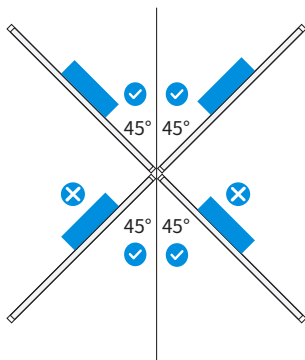
WINBOT may get stuck when nearby narrow spaces, openings or gaps between window handles/door handles/ curtain boxes/ cabinets and surfaces such as walls/windows, are close to its height.



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.

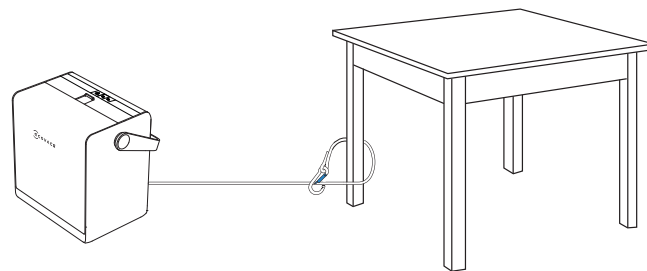
6 Do not use WINBOT on horizontal glass surfaces.

WINBOT can only operate properly on surfaces within $\pm 45^\circ$ of a vertical plane.

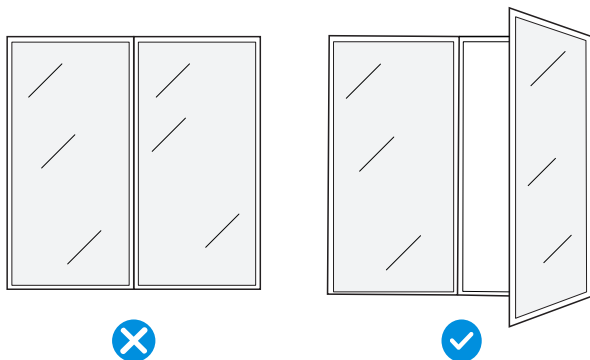


Before use, ensure the station's carabiner is securely attached to a stable, immovable object such as a table leg, chair leg, bed leg, sofa leg, curtain rod, or staircase handrail. Lock the carabiner to prevent any accidents.

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.



2.2 Preparation Before Use

1 Overview of Station and Light Effects

Button Functions

	Press Pause / Resume	Press and hold Power On / Off
	Press Auto cable rewind	Press Switch mode 

When WINBOT is working

Return to the starting point: Press and hold the  button

Screen Functions

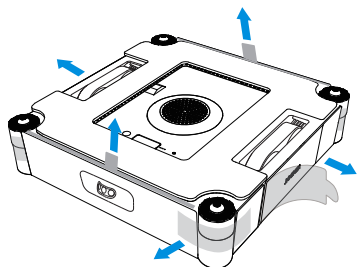
 WINBOT Status

 Battery Status

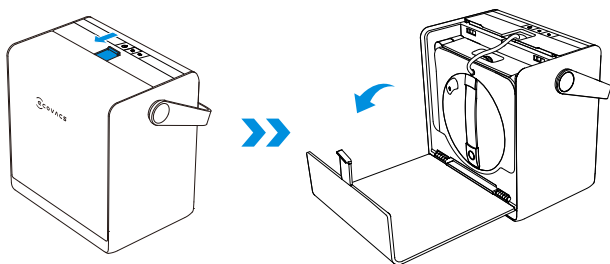
* When the battery level is below 20%, WINBOT enters Low Battery status. In this status, WINBOT cannot start cleaning. Please charge the battery to a sufficient level before use.

 Charging Status

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, and the tape securing the brushes.



How to Open Flip Cover



Status Indicator Light

Indicator	Light Effect	Meaning
Main Unit Indicator	Solid Blue	Device operating normally
		Low battery and connected to power
	Flashing Red	General device error
		Low battery and not connected to power
Station Screen WINBOT Status Indicator	Solid Blue	Device operating normally
	Solid Red	General device error
		Low battery and not connected to power
Station Screen Battery Status Indicator	Solid Blue	Normal battery level
	Solid Red	Low battery
Station Screen Charging Status Indicator	Off	Not connected to power
	Breathing Blue	Charging in progress
	Solid Blue	Fully charged
	Breathing Red	Charging with low battery

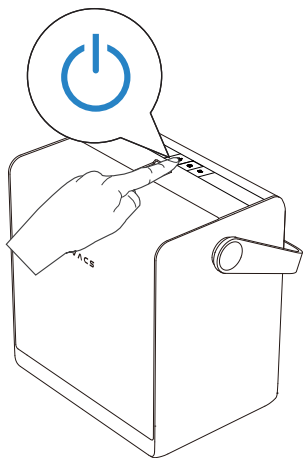
2 Power On

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].



* 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 ≥ 20 minutes. To restart, press and hold the station power button again (WINBOT neither enters sleep mode nor shuts down automatically while charging).

3 Add Cleaning Solution

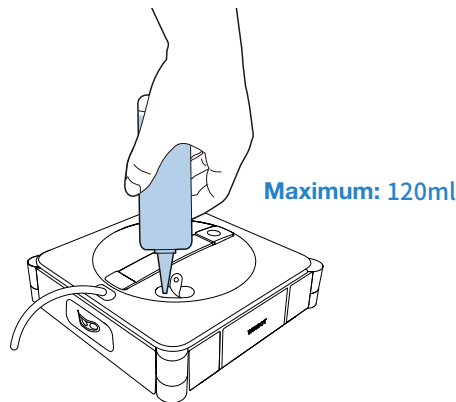
Add the ECOVACS WINBOT cleaning solution to the water tank. The maximum capacity of the water tank is about 120 ml. A full tank can clean approximately 15 m² of balcony and 10 m² of bedroom, with two cleaning cycles for exterior windows and one cycle for interior windows. For heavily soiled exterior windows, two cleaning cycles are recommended.

✓ 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.

Note: Do not put your fingers into the filling opening.



4 Install Wiping Pad

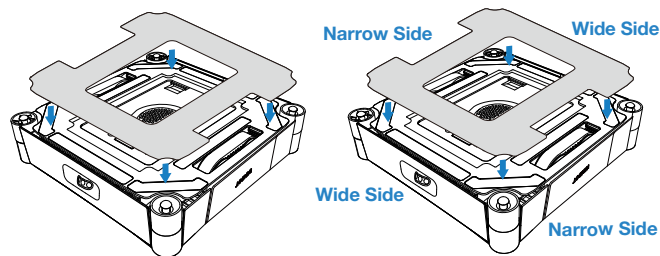
1. Wet the Wiping Pad

Before using, wet the wiping pad.



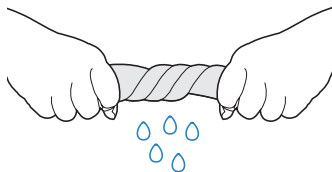
3. Stick the Wiping Pad

Stick the wiping pad onto the velcro on the bottom of WINBOT, ensuring the narrow and wide sides are aligned correctly. Then press firmly to secure the pad in place.



2. Wring out the Wiping Pad

Wring out the wiping pad to remove excess water. For optimal cleaning performance, ensure it is wrung out as much as possible.



2.3 Getting Started

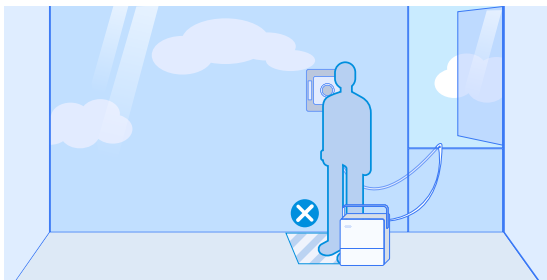
1 Place the Station

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

Notes:

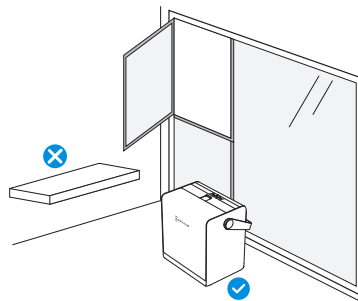
1. Position the station as close to the window as possible to prevent the compound cable from becoming a tripping hazard for people or pets.

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



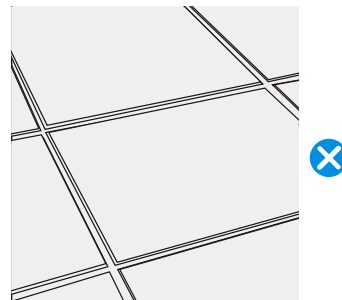
* WINBOT's power cable is 5.5 m long, and in Zone Clean Mode, WINBOT can clean a single window up to 8 m wide and 2.5 m high.

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.

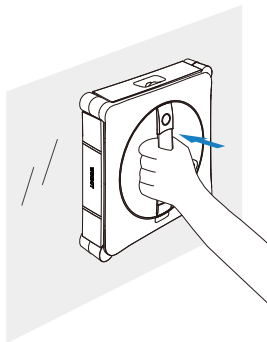
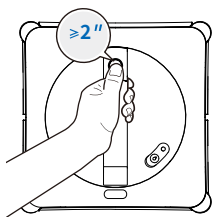
2 Start Cleaning

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 attach WINBOT too close to window edges or obstacles. It's recommended to keep it at least 10 cm away from the edges or obstacles.
- * 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 WINBOT while it is cleaning.



3 Switch Cleaning Modes

While WINBOT is operating, cleaning modes can be switched by pressing the station's mode switch button. WINBOT will automatically begin cleaning in the newly selected mode.

Notes:

- * The station's mode switch button can cycle through Thorough Clean, Deep Clean, Fast Clean, 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 Cleaning is recommended.

Exterior windows: In general, exterior windows are heavily soiled

— Thorough Clean is recommended.

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

Edge Clean is not saved. The default cleaning mode when WINBOT is first used is Thorough Clean.

4 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.

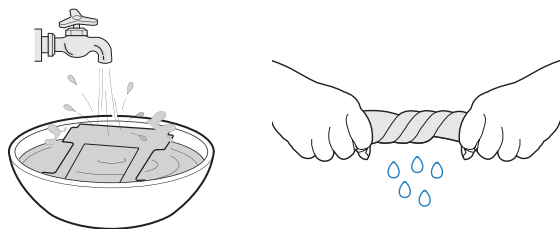
Note:

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.

5 Maintenance During Cleaning

For heavily soiled glass or if streaks remain after cleaning, it is recommended to wash or replace the wiping pad and brushes, then try cleaning repeatedly. Also, clean the four spherical sensors on the bottom of WINBOT regularly to ensure optimal cleaning performance.

a. Wash and Replace Wiping Pad

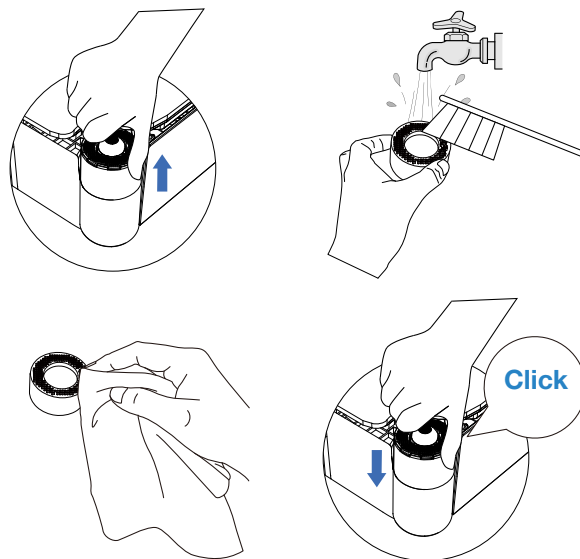


* Clean the wiping pad in time and make sure that any small particles on it are completely removed to avoid scratching the glass.

b. Clean the Brushes at the Four Corners

1. Ensure the fan is not running.
2. Place WINBOT with the wiping pad facing up.
3. Press both bumpers on both sides of the brushes at the same time. When you hear the voice prompt, "Brushes have been released. Please remove, wash, and dry them before reinstalling," you can let go.
4. Grip the brushes and pull them upward to remove them.
5. Rinse the brushes with water, then dry them thoroughly. Use a soft brush if needed.
6. Reinstall the brushes until they click into place.

* Do not use any cleaning agents during cleaning, as this may cause WINBOT to slip.



c. Clean the four spherical sensors and brushes on the bottom of WINBOT.

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.

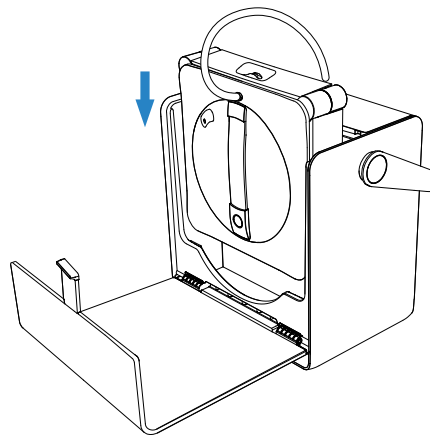
2.4 Storage and Charging After Use

Steps:

1. Store WINBOT

Place WINBOT into the station's storage box with the front facing outward and the compound cable outlet facing up. Lower it into the station from top to bottom, ensuring it hangs securely on the storage box's hook.

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

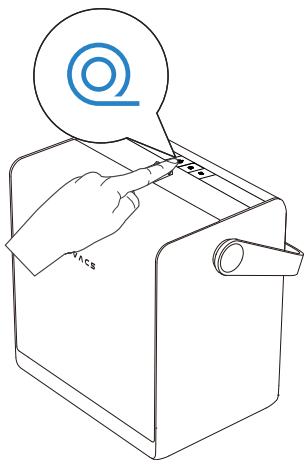


2. Retract the Cable

Once WINBOT is placed in the storage box, press the cable retract button. The station will begin retracting the cable.

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

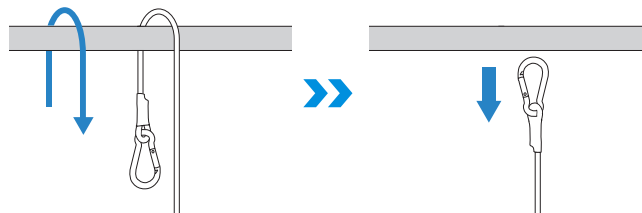
* The power cable may coil during retraction. This is normal. If needed, manually straighten the cable before pressing the cable retract button again to complete the retraction.



3. Power Off

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

4. Unlock Safety Rope



5. Charge

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

6. 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 4-40°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. When the battery is low, WINBOT's fan will not operate during charging. Please recharge the battery before using WINBOT again.
5. If WINBOT is not used for an extended period, fully charge it before powering it off for storage. To prevent battery damage that could render it unusable, recharge WINBOT every six months.
6. 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.

2.5 Advanced Features

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

a. Multiple Cleaning Modes

Fast Clean: Quick removal of light dust.

Thorough Clean: Denser cleaning path for tackling heavy dust.

Deep Clean: Intensive cleaning for a spotless finish.

Edge Clean: Cleaning along edges to clear accumulated dust.

Spot Clean: Repeated wiping to remove localized dust.

Heavy-Duty Clean: Segment cleaning for more efficient removal of heavy dirt on large windows.

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

b. Troubleshooting

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

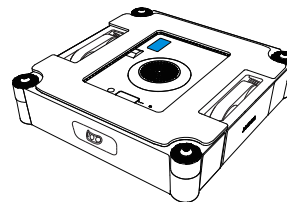
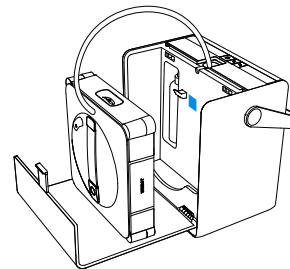
c. Omnidirectional Remote Control

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

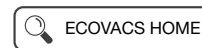
Features include: interior and exterior window views, 360° remote control, Spot Cleaning, and manual water spraying.

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 inside the station. Follow the App's instructions to connect to WINBOT.



Or



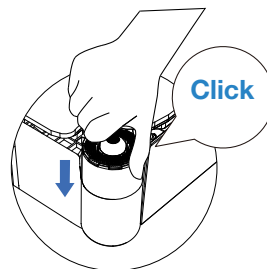
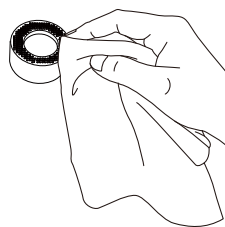
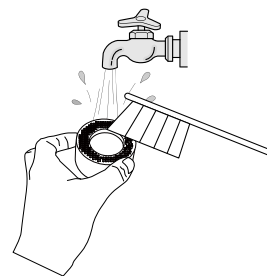
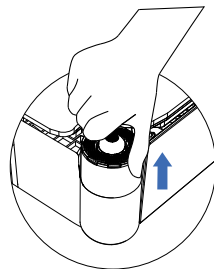
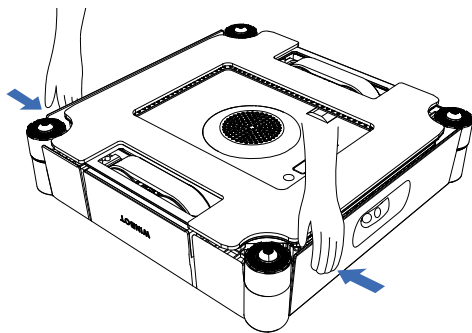
3. Component Maintenance

Brush

1. Ensure the fan is not running.
2. Place WINBOT with the wiping pad facing up.
3. Press both bumpers on both sides of the brushes at the same time.

When you hear the voice prompt, "Brushes have been released."

Please remove, wash, and dry them before reinstalling," you can let go.



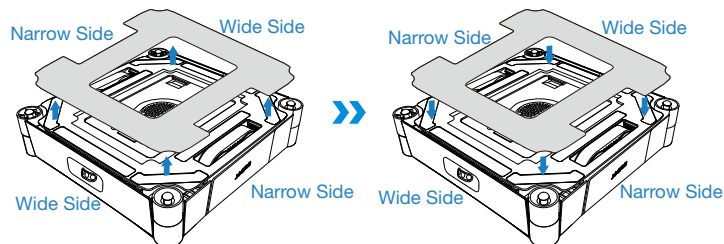
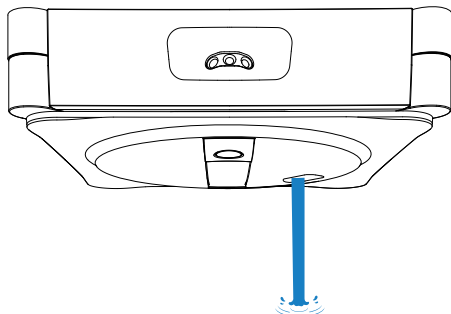
4. Grip the brushes and pull them upward to remove them.
5. Rinse the brushes with water, then dry them thoroughly. Use a soft brush if needed.
6. Reinstall the brushes until they click into place.

* Do not use any cleaning agents during cleaning, as this may cause WINBOT to slip.

Water Tank

Cleaning the Water Tank

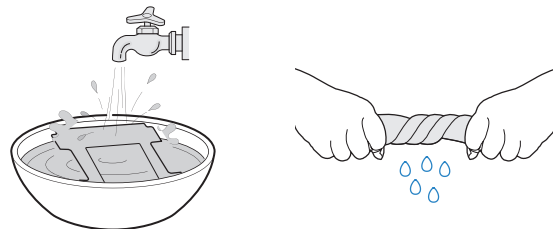
After WINBOT completes cleaning, empty the remaining cleaning solution from the water tank.



* If the velcro on the wiping pad holder is dusty, use a cleaning brush to remove the dust. Do not wash with water to prevent water from entering the bottom of the robot, which may cause damage.

b. Wash Wiping Pad

Remove the wiping pad. Wash it with tap water, and wring it as dry as possible before use.



* Do not use any cleaning agents during cleaning, as this may cause WINBOT to slip.

* Regularly clean the wiping pad to extend its service life. If the wiping pad becomes worn or no longer adheres securely to the velcro, 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>.

Wiping Pad

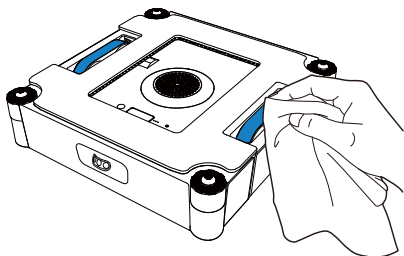
a. Replace Wiping Pad

Remove the dirty wiping pad and attach a new one flatly within the wiping pad holder at the bottom of WINBOT. Press and smooth the pad down to ensure a secure fit. Make sure the wide and narrow sides of the wiping pad align with those of the holder.

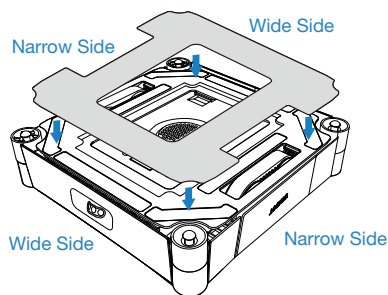
* Be careful not to stick the wiping pad outside the holder to avoid affecting WINBOT's operation.

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.

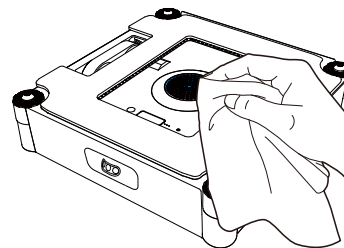


After cleaning the driving wheel tracks, install the wiping pad and resume cleaning tasks.

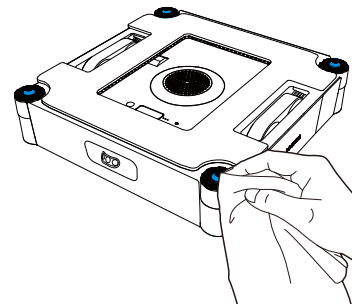


Bottom Component

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 their sensitivity.



* After WINBOT issues a low battery warning, ensure WINBOT is fully charged before using or storing it to avoid reducing battery service life.

* If WINBOT will not be used for an extended period, fully charge it, turn it off, and store it properly. To prevent battery damage and charging failure due to over-discharge, recharge it at least once every six months.

4. Troubleshooting

4.1 Issue Resolution

No.	Issues	Possible Causes	Solutions
1	WINBOT slips, such as sliding sideways or body shaking.	The wiping pad is too wet.	Refer to [Component Maintenance] in this manual to replace the wiping pad.
		WINBOT wipes non-recommended stains, such as oil stains.	Refer to [Component Maintenance] in this manual to clean the driving wheel tracks.
2	WINBOT voice prompts "Insufficient air pressure".	The wiping pad is not attached properly.	Remove the wiping pad and reattach. Make sure the wide and narrow sides of the wiping pad align with those of the holder.
		There are gaps or cracks on the window.	Do not use WINBOT on surfaces with gaps.
		There are low obstacles on the window surface.	Manually cover the obstacles before using WINBOT.
3	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 window surface.	WINBOT currently relies on the bumper and spherical sensors to detect obstacles. Obstacles lower than 2 mm may not be detected. If this occurs, please open the App and follow the instructions to help WINBOT out.
4	WINBOT voice prompts "Stuck".	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.	1. Turn off WINBOT, restart it, and reattach it. 2. Visit the App and follow the auto-spraying precautions to solve the problem. 3. If the problem persists, please contact customer service.

5	WINBOT voice prompts "WINBOT encounters an obstacle".	The internal components are abnormal.	Firmly hold the compound cable and do not stand directly below WINBOT to prevent being injured by the falling WINBOT. Slowly drag WINBOT until it can be reached. Press and hold the START button for 2 seconds, and then remove WINBOT. Turn off WINBOT, disconnect the power, and then restart it. If the issue persists after restarting, please contact customer service.
6	WINBOT has not returned to its origin and cannot be removed.	There is an error in the algorithm.	Affected by the calculation accuracy, there may be a slight error. The normal error is less than 21 cm. If the error of WINBOT returning to the origin is too large and it is inconvenient to retrieve WINBOT, please go to the App and remotely control WINBOT to return to a position where it is easy to remove it.
		The remote control function was used after WINBOT was adhered to, so WINBOT does not know the original position.	Go to the App and use remote control to help WINBOT return to a position where it is easy to remove.
7	WINBOT voice prompts "Please avoid the window corners."	When cleaning frameless glass, the adhering position of WINBOT is too close to the window frame.	Hold WINBOT's handle, press and hold WINBOT's START button for 2 seconds, and then remove and reattach WINBOT. It is recommended that the adhering position be more than 10 cm away from the window corners.

4.2 Connect WINBOT with APP

When connecting the robot via Bluetooth in the ECOVACS HOME App, please ensure the following conditions are met for both the robot and your phone:

1. Bluetooth on your phone is turned on.
 2. The station is powered on, and the indicator light is on.
 3. Pair WINBOT via Bluetooth in the ECOVACS HOME App; avoid pairing through your phone's Bluetooth settings.
 4. Bluetooth and Wi-Fi may interfere with each other during pairing. For optimal connection, keep WINBOT close to the phone and away from the Wi-Fi router.
 5. If WINBOT fails to connect to the App, try disconnecting other connected Bluetooth devices, ensure WINBOT is not paired with another phone, and then try again.
 6. When using remote control, Bluetooth may disconnect if the phone is too far away or if there are walls in between. If disconnected, try reconnecting at a closer distance.
 7. When using WINBOT, allow the ECOVACS HOME App to access location, Bluetooth, and phone storage permissions.
- Please contact customer service if the above methods fail to help connect.

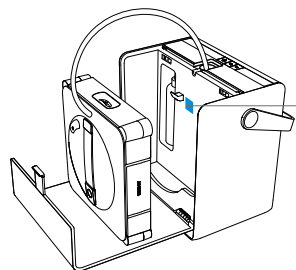
5. Technical Specifications

Model	WE005V01	
Rated Input	220-240V~ 50-60Hz 2.0 A	
Station Dimensions (mm)	312*215*327	
WINBOT Dimensions (mm)	272*272*76	
Off/Standby Mode Power	Less than 0.50 W	
Frequency Bands	2400-2483.5 MHz	

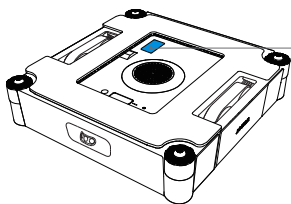
The max.EIRP of the window cleaning robot is 1.77dBm.

Note: Technical and design specifications may be changed for continuous 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. 這個家電可以供8歲及以上的兒童和有減弱體力、感官或心智能力、或缺乏相關經驗和知識的人士使用，前提是他們已經接受了有關以安全方式使用該家電的監督或指導，並且理解涉及的危險。兒童不應玩耍這個家電。清潔和用戶維護不應由沒有監督的兒童進行。
2. 請勿在極熱或極冷的環境（低於 4°C/39.2°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. 清潔或保養 Appliance.Do 前必須將插頭從插座上拔下，不要拉線拔掉插頭。如要拔掉插頭，請握住插頭，而不是電線。
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。

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

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

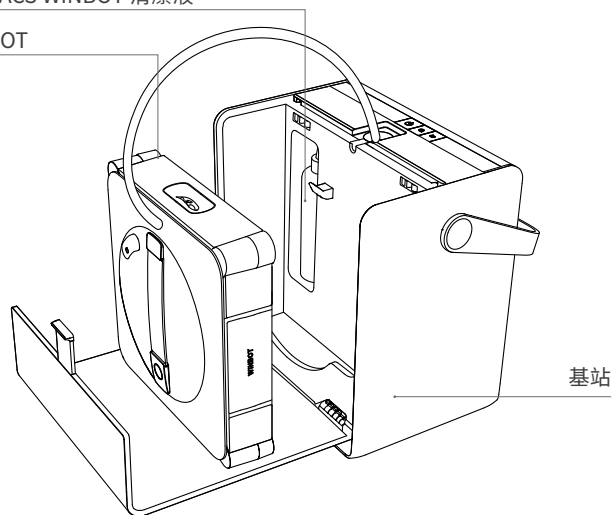
此標記表示本產品在歐盟各地均不應與其他家居垃圾一同棄置。為防止無節制的廢物處理可能對環境或人類健康造成危害，請負責任地回收廢物以促進材料資源的可持續循環再利用。如要回收你使用過的裝置，請使用退貨及回收系統或聯絡所購買產品的零售商。他們可以安全循環再造此類產品。

1. 產品概覽

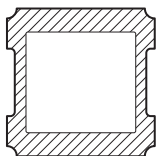
1.1 包裝內容

ECOVACS WINBOT 清潔液

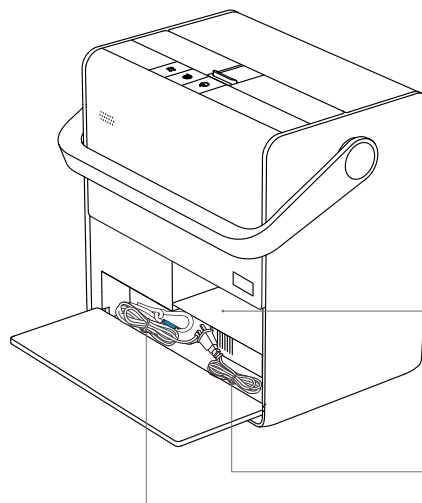
WINBOT



基站



抹布



抹布

交流電電源線
安全繩

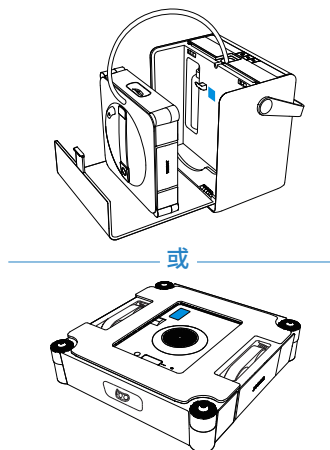


說明書

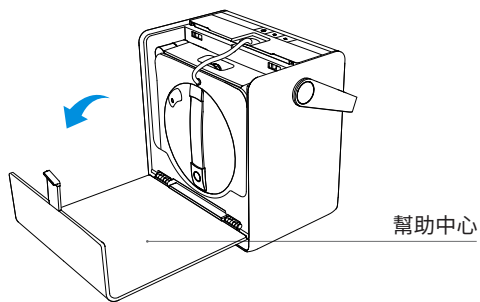
注意：本說明書的數據只供參考，可能與裝置有差異。產品設計及規格如有更改，恕不另行通知。

1.2 資訊指南

❶ 網絡配置的 QR 碼在基站內部同 WINBOT 底部。

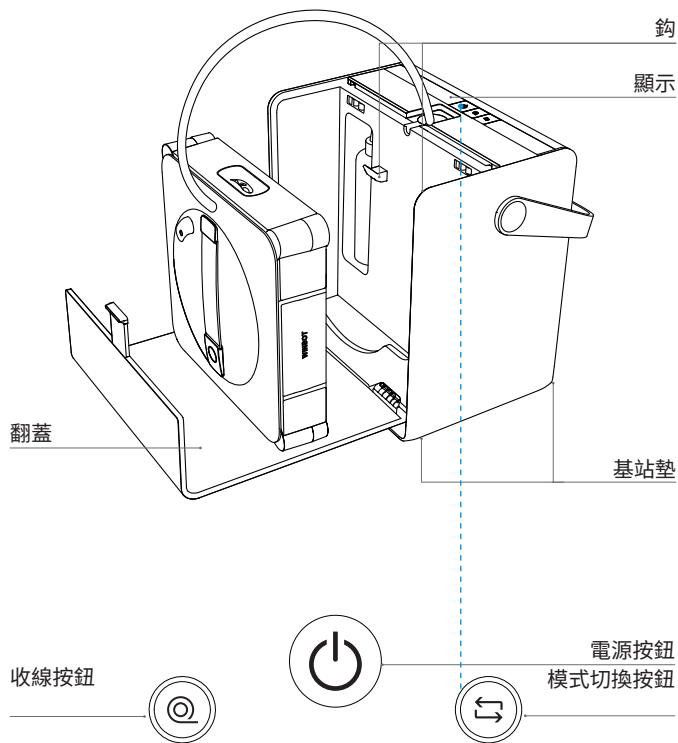


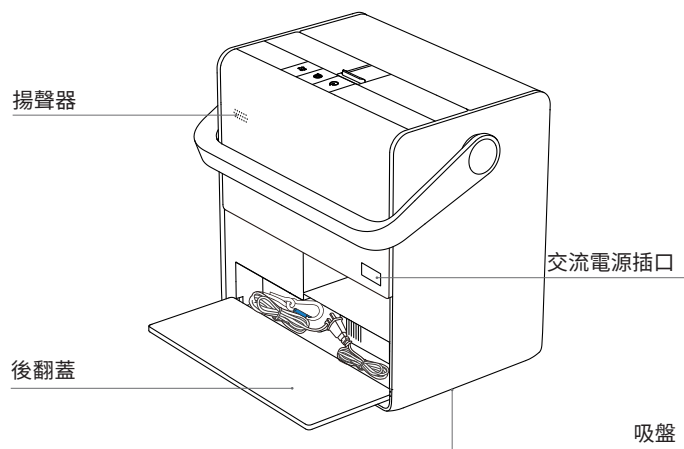
❷ 有關使用同適用的常見問題，請參閱基站蓋內側的「幫助中心」。



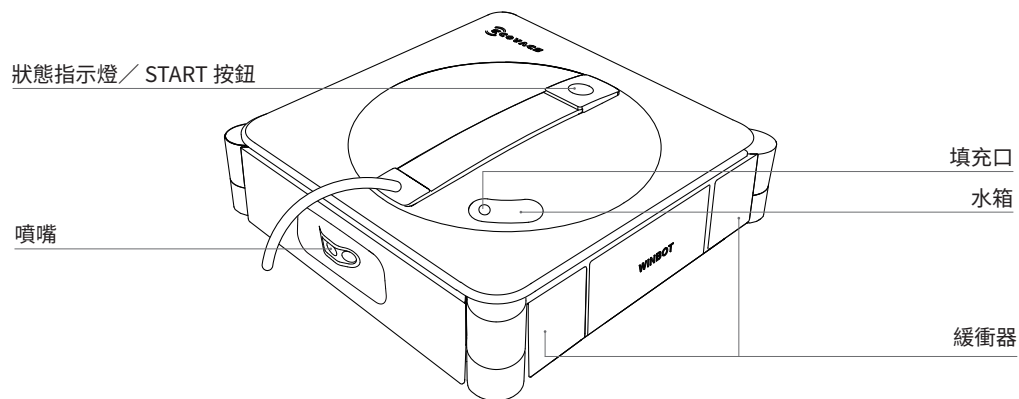
❸ 進行故障排除時，請登入 ECOVACS HOME 應用程式。

1.3 產品圖

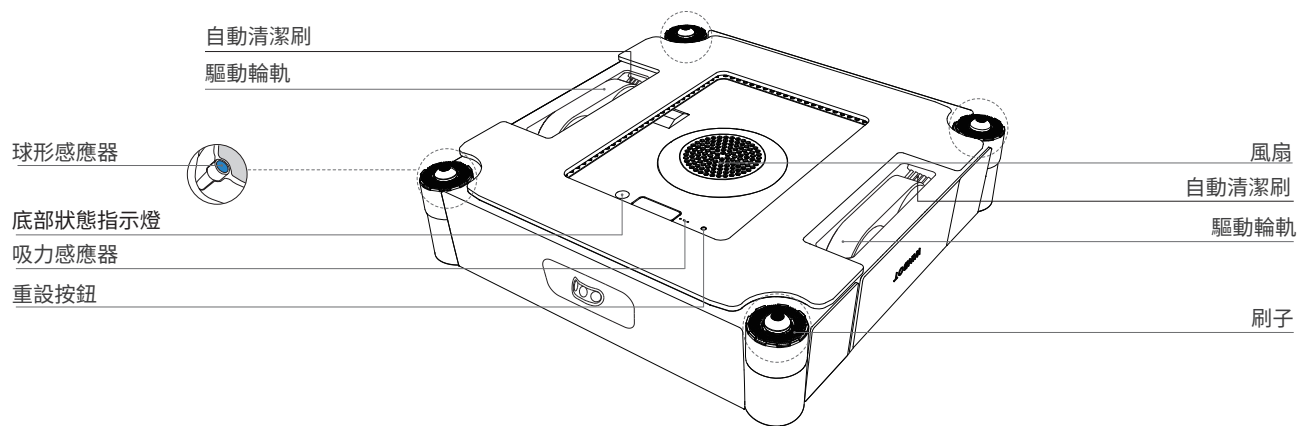




前視圖



俯視圖

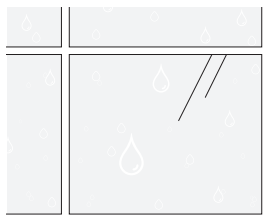


2. 快速開始

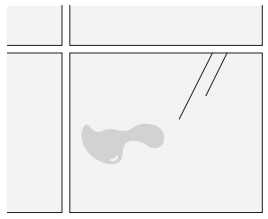
2.1 清潔前的注意事項

- 1 請勿在有冷凝水或油漬的窗戶上或極冷或極熱的環境中使用 WINBOT。

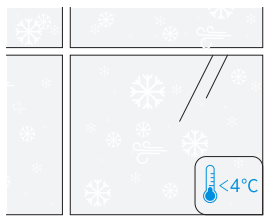
在以下情況下，WINBOT 可能有移動困難。



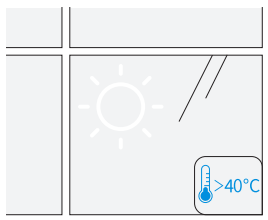
冷凝



油漬



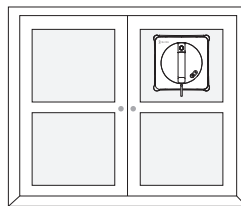
4°C 以下



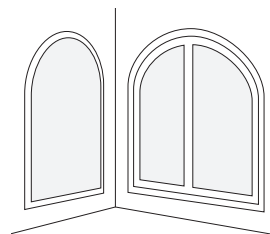
40°C 以上

- 2 請勿在過細或形狀不規則的窗戶上使用 WINBOT。

在以下情況下，WINBOT 無法四處移動。



小玻璃
(最小玻璃尺寸：30×40cm)



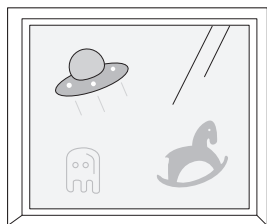
不規則形狀

 WINBOT 在方形同大窗上表現得更好。

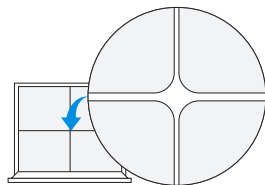
 WINBOT 在乾燥的表面及攝氏 4°C 以上的溫度下表現更好。

3 請勿在凹凸不平的窗戶上使用 WINBOT。

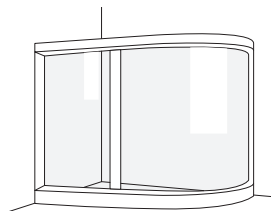
在以下情況下，WINBOT 可能會出現氣壓不足的情況。



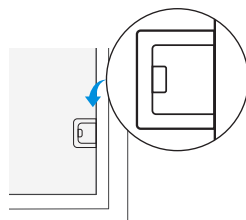
靜電窗貼及貼紙等。



裂縫



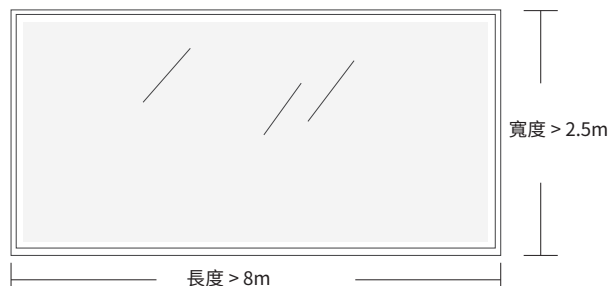
曲面玻璃



障礙物高度 < 2 毫米

4 請勿在過大的窗戶上使用 WINBOT。

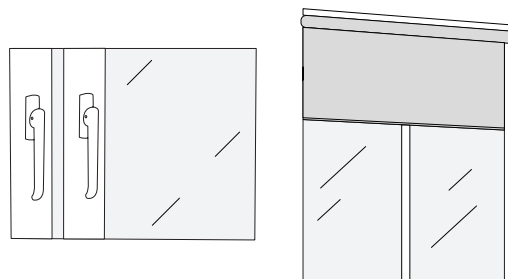
受複合電線的長度限制，WINBOT 可能無法完成有關作業。



* 只在分區清潔模式方可。

5 請勿在接近 WINBOT 高度的狹窄縫隙附近使用 WINBOT。

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。

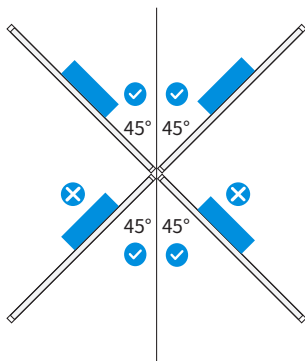


嘗試將 WINBOT 放於縫隙之間，以確認安全通過；如果卡住，則請勿在此使用機器人，以免損壞機器人本身或四周的傢俬。

 WINBOT 在光滑平坦的表面上表現更好，確保吸力穩定，移動暢順。

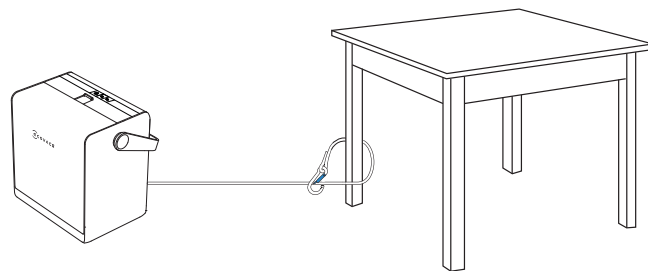
6 請勿在水平玻璃表面上使用 WINBOT。

WINBOT 僅可在與垂直面夾角 $\pm 45^\circ$ 以內的表面上正常運作。

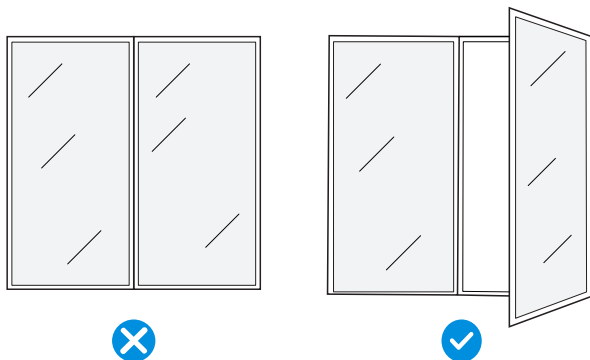


使用前，確保基站的掛鉤牢固地固定在穩定、不可移動的物體上，例如桌腳、椅腳、床腳、梳化腳、窗簾桿或樓梯扶手。鎖實掛鉤，提防意外。

安全繩及掛鉤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。



2.2 使用前準備

1 車站同燈光效果概覽

按鈕功能



按下
暫停 / 繼續

按住
開機 / 關機



按下
自動線纜收回



按下
切換模式

WINBOT 運作時
返去起點：按住按鈕 ◎

螢幕功能



WINBOT 狀態



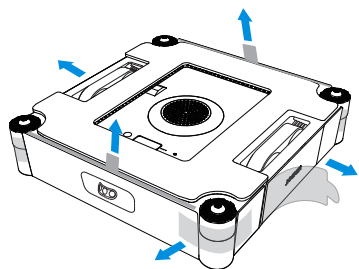
電池狀態

* 當電池電量低過 20% 時，WINBOT 會進入低電量狀態。在此狀態下，WINBOT 無法開始清潔。請在使用前將電池充到足夠電位。

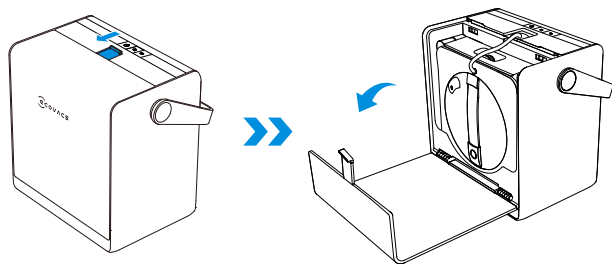


充電狀態

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、WINBOT 側邊的防護膜，以及固定清潔刷的膠帶。



如何打開翻蓋



狀態指示燈

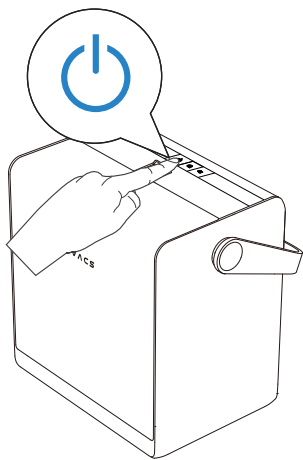
指示	燈光效果	意義
主單元指示器	純藍色	裝置正常運作
		電池電量低且已接通電源
	紅色閃爍燈	一般裝置錯誤
		電池電量低且未接通電源
基站螢幕 WINBOT 狀態指示器	純藍色	裝置正常運作
	實心紅	一般裝置錯誤
		電池電量低且未接通電源
基站螢幕電池狀態指示器	純藍色	正常電池電量
	實心紅	電池電量低
基站螢幕電池狀態指示器	關機	無連接電源
	呼吸藍色	充電進行中
	純藍色	充滿電
	呼吸紅色	低電量充電

2 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。



* 當 WINBOT 開機但風扇未運作，且基站或 WINBOT 按鈕在 ≥ 20 分鐘內無操作，就會自動進入休眠模式並關機。如要重啟，再按住電源按鈕（WINBOT 充電時不會進入睡眠模式或者自動關機）。

3 加入清潔液

將 ECOVACS WINBOT 清潔液加入水箱。水箱最大容量約為 120 毫升。滿水箱可清潔約 15m² 的露台及 10m² 的睡房（包括室外窗清潔兩次及室內窗清潔一次）。對於嚴重污糟的外窗，建議做兩次清潔程序。



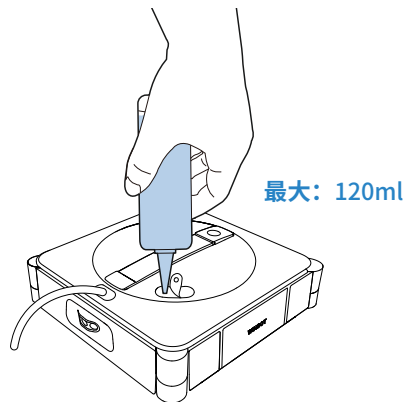
建議使用 ECOVACS WINBOT 清潔液，以獲得最佳清潔效果。

* 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液。請勿使用純淨水及過濾水。



注意：請勿將手指伸入填充口。



4 裝上抹布

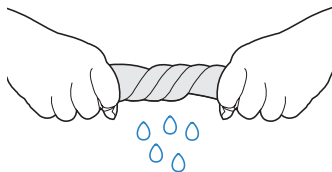
1. 弄濕抹布

使用前，將抹布弄濕。



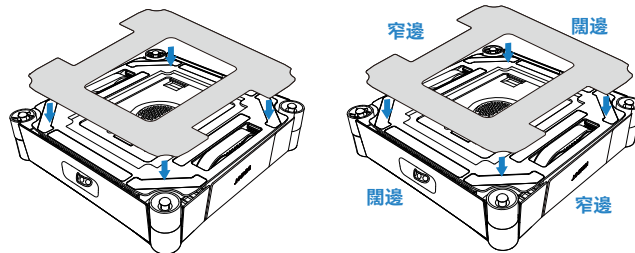
2. 扭乾抹布

擰乾抹布，去除多餘水分。為達到最佳清潔效果，請確保將其徹底扭乾。



3. 貼上抹布

將抹布貼在 WINBOT 底部的魔術貼上，確保窄邊同闊邊對齊。然後用力按壓，將抹布固定好。



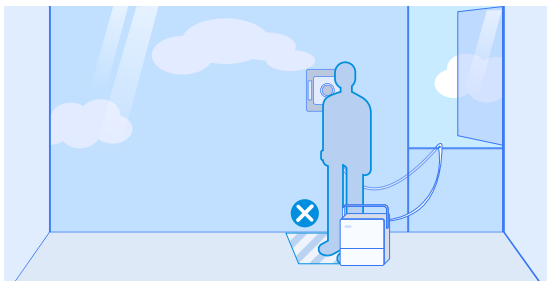
2.3 開始

1 擺放基站

將基站放在要清潔的窗邊。

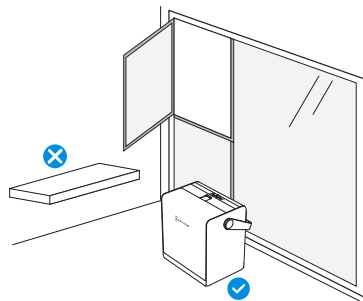
注意：

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。



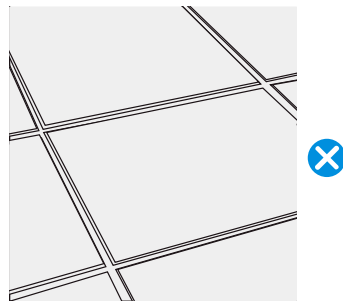
* WINBOT 的電源線長 5.5 米；在『分區清潔模式』下，WINBOT 可清潔單面最大尺寸為 8 米寬、2.5 米高的玻璃窗。

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。

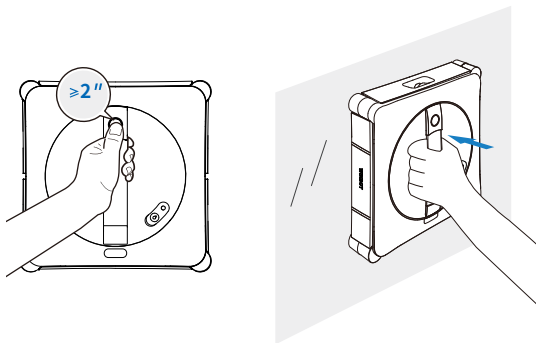
2 開始清潔

確保基站的電源已開啟。

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 2 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：

- * 請勿將 WINBOT 貼得太接近窗邊或障礙物。建議最少與邊緣或者障礙物保持 10 厘米距離。
- * 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

WINBOT 運作期間，可以按基站的模式切換按鈕切換清潔模式。WINBOT 會自動以新選擇的模式開始清潔。

注意：

* 基站的模式切換按鈕可以依次切換至徹底清潔、深層清潔、快速清潔及邊緣清潔。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：

室內玻璃窗：一般而言，室內玻璃窗的污垢較少——建議使用快速清潔模式。

室外玻璃窗：一般而言，室外玻璃窗的污垢較多——建議使用徹底清潔模式。

如需更多清潔模式詳情，請參閱應用程式。

邊緣清潔未儲存。WINBOT 第一次使用時的預設清潔模式是徹底清潔。

4 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把它提起。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死。

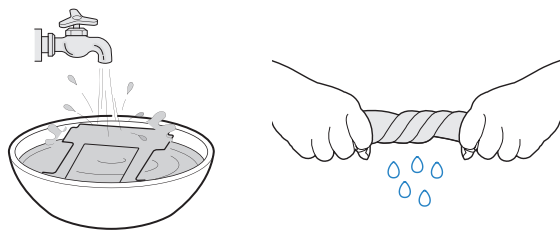
注意：

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。

5 清潔期間保養

若玻璃表面非常髒污，或清潔後留有水痕，建議清洗或更換抹布及清潔刷，然後嘗試重複清潔。此外，請定期清潔 WINBOT 底部的四個球形感應器，以確保達到最佳清潔效果。

a. 清洗及更換抹布

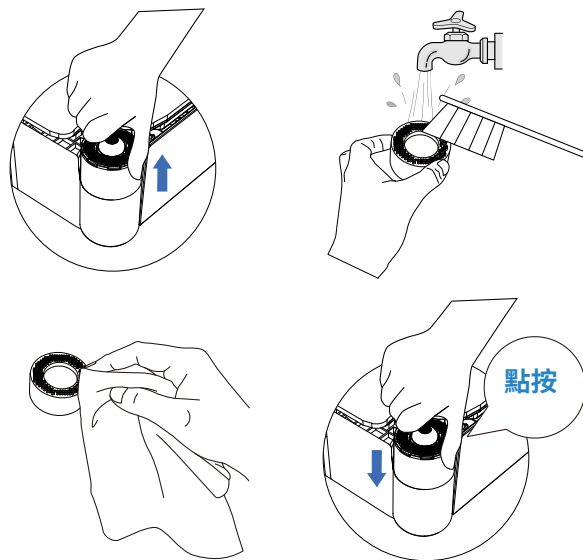


* 即時清潔抹布，確保抹布上的細粒均清潔乾淨，以免刮傷玻璃。

b. 清潔四角的刷子

1. 請確保風扇沒有運轉。
2. 將 WINBOT 的抹布朝上擺放。
3. 同時壓住刷子兩邊的兩個保險槓。當您聽到語音提示：「清潔刷已釋放。請在重新安裝之前拆除、清洗同抹乾。」您便可以放手。
4. 握住清潔刷並向上拉，即可將其拆卸。
5. 用清水沖洗清潔刷，然後徹底晾乾。如果需要，可以用軟刷。
6. 重新安裝清潔刷，直至卡好到位。

* 清潔期間不要用任何清潔劑，因為可能會令 WINBOT 滑動。



c. 清潔 WINBOT 底部的四個球形感應器及清潔刷。

6 完成

工作中途結束

要中途停止 WINBOT 的運作。

1. 按住基站的  2 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  2 秒或以上。風扇會停止，按照語音提示移除 WINBOT。

工作完成

WINBOT 完成清潔作業後，會自動返回起點並等待被取下。

按住 WINBOT 的  2 秒或以上，即可停止風扇運作。現在，按照語音提示移除 WINBOT。

* 移除 WINBOT 時，要緊握手柄，以免跌落。

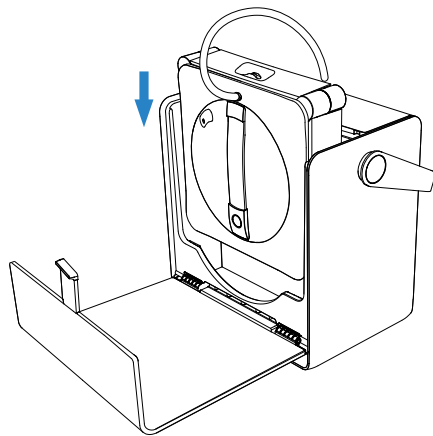
2.4 使用後存放及充電

步驟：

1. 收納 WINBOT

請將 WINBOT 放入基站的收納盒內，保持正面朝外，且複合電線出線口朝上。請由上至下將其放進基站內，並確保其穩固地掛在收納盒的掛鉤上。

* 收納 WINBOT 前，請移除濕抹布。存放前請等它完全乾透，以防發臭。

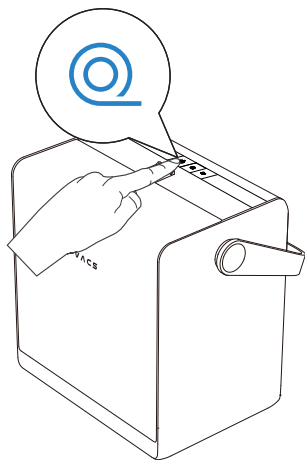


2. 收起電線

將 WINBOT 放入收納盒後，請按下收線鍵。基站將開始收回線纜。

* 將近完成收回電線時，過程會放慢。這是正常現象，不用擔心。

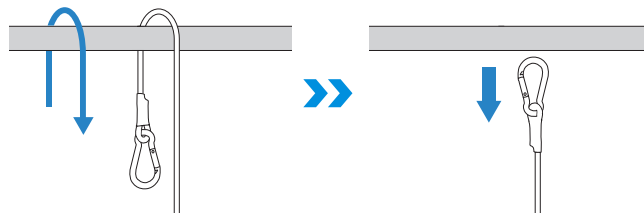
* 收線時，電源線可能會打圈。這是正常的。如果需要，請先手動校正電線，然後再次按壓收纜按鈕以完成收纜。



3. 關機

長按 WINBOT 的 START 按鈕 2 秒，就可以關機。

4. 解開安全繩



5. 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。

6. 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 4 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 至 40° C 之間充電。
4. 當電池電量低的時候，WINBOT 的風扇在充電期間不會運作。請在再次使用 WINBOT 之前充好電池。
5. 如果 WINBOT 長時間不使用，存放前才充滿電，再開機。為免電池受損而導致無法使用，請每六個月為 WINBOT 充電一次。
6. 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，估計充電時間為 >6 個鐘頭。

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

快速清潔：快速清除輕微塵埃。

徹底清潔：用更密集的清潔路徑處理頑固塵埃。

深層清潔：密集清潔，確保表面潔淨無瑕。

邊緣清潔：沿邊緣清潔，清除積聚的塵埃。

局部清潔：反覆抹除局部塵埃。

強力清潔：分段清潔，更有效率地去除大型窗戶上的頑固污垢。

分區清潔：向左及向右——靈活劃分，方便針對性清潔。

b. 故障排除

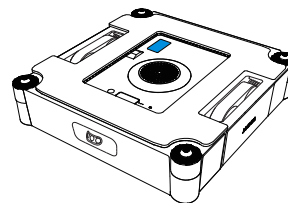
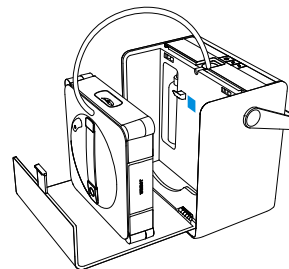
如果 WINBOT 觸發警報，毋須驚慌。請瀏覽 App 以獲取詳細的故障排除指南。

c. 全向遙距控制

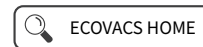
用 App 來控制 WINBOT，具備全範圍遙距控制功能。功能包括：內外窗景觀、360°遙距控制、局部清潔和手動噴水。

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. 掃描基站內的 QR 碼。跟住 App 的指示連接 WINBOT。



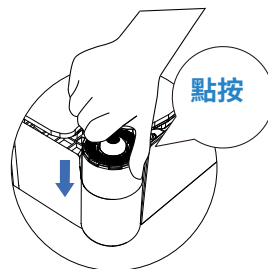
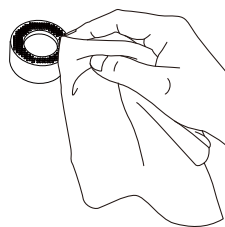
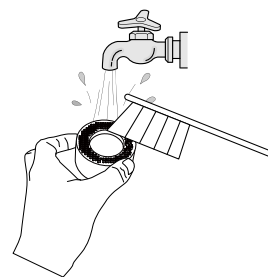
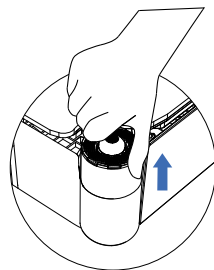
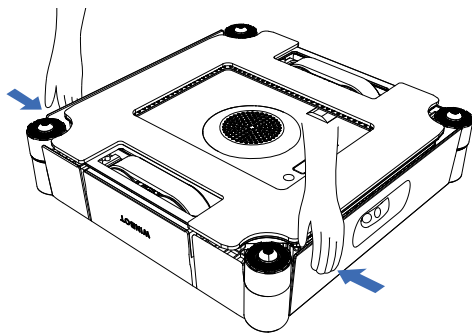
或



3. 零件保養

刷子

1. 請確保風扇沒有運轉。
2. 將 WINBOT 的抹布朝上擺放。
3. 同時壓住刷子兩邊的兩個保險槓。當您聽到語音提示：「清潔刷已釋放。請在重新安裝之前拆除、清洗同抹乾。」您便可以放手。



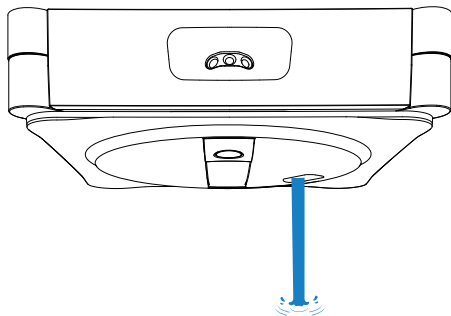
4. 握住清潔刷並向上拉，即可將其拆卸。
5. 用清水沖洗清潔刷，然後徹底晾乾。如果需要，可以用軟刷。
6. 重新安裝清潔刷，直至卡好到位。

* 清潔期間不要用任何清潔劑，因為可能會令 WINBOT 滑動。

水箱

清潔水箱

WINBOT 清潔完成後，將水箱入面剩低的清潔液清空。

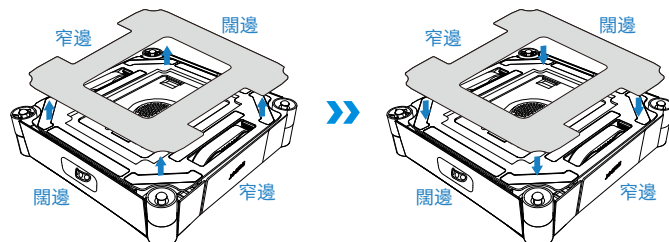


抹布

a. 更換抹布

取下骯髒的抹布，然後將一個新的抹布平放在 WINBOT 底部的抹布支架內。將抹布按壓並平滑，以確保牢固貼合。確保抹布的寬邊同窄邊同支架的邊對齊。

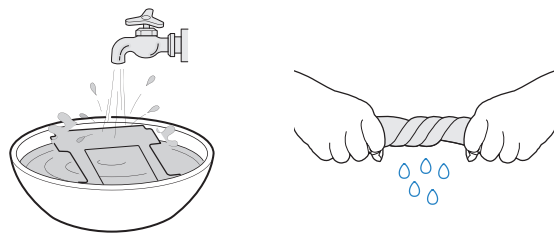
* 請小心別將抹布貼在支架外，以免影響 WINBOT 的運作。



* 如果抹布支架上的魔術貼有灰塵，請用清潔刷清除灰塵。不要用水洗，避免水滲入機械人底部，避免損壞。

b. 清洗抹布

移除抹布。用自來水洗，盡量擰乾再用。



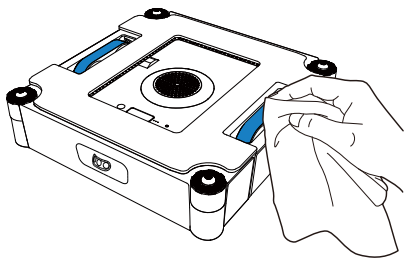
* 清潔期間不要用任何清潔劑，因為可能會令 WINBOT 滑動。

* 定期清潔抹布，以延長其使用壽命。如果抹布磨損或不再牢固地貼在魔術貼上，請更換新的，以達到最佳清潔效果。

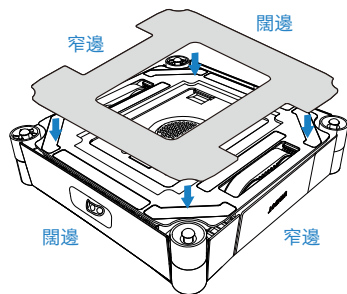
在 ECOVACS HOME 應用程式或 <https://www.ecovacs.com/global>。

驅動輪軌

清潔前，請確保風扇沒有運轉。使用 ECOVACS HOME 應用程式遙距控制 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。

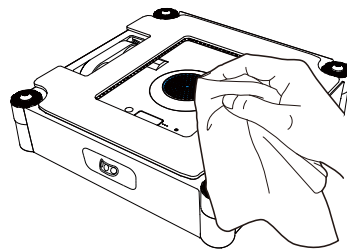


清潔完驅動輪軌後，安裝抹布並繼續清潔工作。

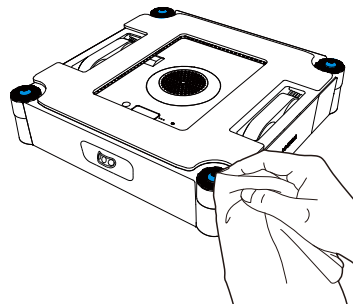


底部零件

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。



* WINBOT 發出低電量警告後，請確保 WINBOT 已充滿電後再使用或存放，以免縮短電池壽命。

* 如果 WINBOT 長時間不使用，請充滿電，關機，妥善存放。為防止電池因過度放電而損壞和充電失敗，請至少每六個月充電一次。

4. 故障排除

4.1 問題解決

No.	問題	可能成因	解決方案
1	WINBOT 滑倒，例如側身滑動或機身顫動。	抹布過濕	請參閱本說明書中的 [零件維護] 更換抹布。
		WINBOT 擦拭不建議清潔的污漬，例如油漬。	請參閱本說明書中的 [零件保養] 來清潔驅動輪軌。
2	WINBOT 語音提示「氣壓不足」。	抹布未裝好	取下抹布並重新安裝。確保抹布的寬邊同窄邊同支架的邊對齊。
		窗戶上有縫隙或裂縫。	請勿在有縫隙的表面使用 WINBOT。
		窗上有較矮的障礙物。	使用 WINBOT 前先手動遮住障礙物。
3	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。
		窗上有較矮的障礙物。	WINBOT 目前依靠防撞板及球形感應器來偵測障礙物。系統可能無法偵測高度低於 2 毫米的障礙物。在此情況下，請開啟 App，按照指示為 WINBOT 離開。
4	WINBOT 語音提示：「卡住」。	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。	1. 關閉 WINBOT，重新啟動它，然後重新連接它。 2. 開啟應用程式，並跟隨自動噴灑的注意事項以解決問題。 3. 如果問題仍然存在，請聯絡客戶服務部。

5	WINBOT 語音提示「WINBOT 遇到障礙物」。	內部零件有異。	牢牢握住複合電線，不要站在 WINBOT 正下方，以免被墜落的 WINBOT 弄傷。慢慢拖動 WINBOT，直至可以到達為止。按住 START 按鈕 2 秒，然後取出 WINBOT。關掉 WINBOT，中斷電源，然後重新啟動。如果重新啟動後問題仍然存在，請聯絡客戶服務部。
6	WINBOT 未返回原點，無法移除。	算法出錯。	受計算準確度影響，可能會有 些微誤差。正常誤差小於 21cm。如果 WINBOT 返回原點的誤差太大，不便找回 WINBOT，請到 App 遙距控制 WINBOT 返回一個容易移除的位置。
		遙控功能是在 WINBOT 貼上後使用的，所以 WINBOT 不知道原點位置。	進入 App，用遙距控制器幫助 WINBOT 回到一個容易移除的位置。
7	WINBOT 語音提示「請避開窗角」。	清潔無框玻璃時，WINBOT 的黏附位置太靠近窗框。	按住 WINBOT 的手柄，按住 WINBOT 的 START 按鈕 2 秒，然後取下並重新連接 WINBOT。建議貼合位置離窗角 10cm 以上。

4.2 把 WINBOT 與 APP 連接

在 ECOVACS HOME 應用程式用藍牙連接機械人時，請確保機械人及你的手機都符合以下條件：

1. 手機的藍牙功能已開啟。
2. 基站已接通電源，且指示燈已亮起。
3. 在 ECOVACS HOME 應用程式用藍牙配對 WINBOT；避免用手機的藍牙設定配對。
4. 藍牙同 Wi-Fi 在配對過程中可能會互相干擾。為達至最佳連接效果，請讓 WINBOT 靠近手機並遠離 Wi-Fi 路由器。
5. 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 未配對另一手機，然後再試一次。
6. 用遙控器的時候，如果電話太遠或者中間有牆，藍牙可能會斷線。如果斷線，請嘗試在較近的距離內重新連接。
7. 使用 WINBOT 時，請允許 ECOVACS HOME 應用程式存取位置、藍牙及手機儲存空間權限。若以上方法仍無法成功連接，請聯絡客戶服務部。

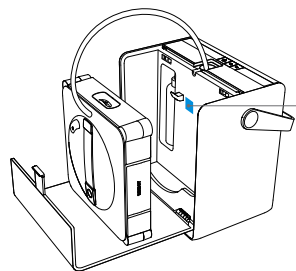
5. 技術規格

型碼	WE005V01	
額定輸入值	220-240V~ 50-60Hz 2.0 A	
基站尺寸 (mm)	312*215*327	
WINBOT 尺寸 (mm)	272*272*76	
關閉 / 待機模式電源	小於 0.50 W	
頻帶	2400-2483.5 MHz	

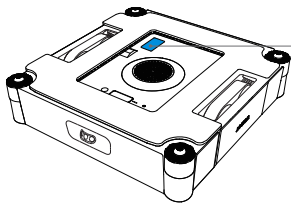
窗戶清潔機械人的最大EIRP是1.77dBm。

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。



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