



ECOVACS Winbot W1 Pro Window Cleaning Robot Instruction Manual

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ECOVACS Winbot W1 Pro Window Cleaning Robot



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 65%humidity), or it may affect battery life span. 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.
3. Do not use this product in whole gale storms and force-10 winds, or in areas where the altitude exceeds 2000 meters(6162 feet).
4. Please ensure the Appliance is plugged in while it is cleaning. The Appliance has a Safety Battery that charges during use. The Safety Battery powers the Appliance if it becomes unplugged or the electricity fails.
5. Do not leave the Appliance unattended when it is plugged in.
6. For household use ONLY (including exterior window). Do not use the Appliance in commercial or industrial environments.
7. Do not use the Appliance on cracked glass.
8. Only use accessories recommended or supplied by the manufacturer. Only use the Power Adapter supplied by the manufacturer.
9. Please make sure your power supply voltage matches the power voltage marked on the Power Adapter.
10. Do not use the Appliance on a framed window with a frame smaller than 5mm (0.2 inches).
11. Do not use the Appliance on greasy windows.
12. When used in high humidity environment, the cleaning performance will be affected.
13. Store the Appliance away from heat and flammable materials.

14. In rainy weather, do not use the Appliance on the exterior window to avoid the risk of Appliance's damage or falling.
15. Do not use the Appliance if it does not firmly attach to the glass or has visible signs of damage.
16. 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.
17. Do not touch power plug with wet hands.
18. When charging the Appliance, do not place it on other electrical appliances and keep it away from fire and liquid.
19. 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.
20. 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.
21. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent in order to avoid a hazard.
22. The plug must be removed from the receptacle before cleaning or maintaining the Appliance. Do not unplug the Power Adapter by pulling on the power cord.
23. The Safety Battery must be replaced by the manufacturer or its service agent in order to avoid a hazard.
24. The Safety Battery must be removed and discarded according to local laws and regulations before disposal of the Appliance.
25. The Appliance must be disconnected from the receptacle before removing the battery for disposal of the Appliance.
26. Please dispose of used batteries according to local laws and regulations.
27. Do not incinerate the Appliance even if it is severely damaged. The battery can explode in a fire.
28. 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.
29. **WARNING:** For the purposes of recharging the battery, only use the detachable supply unit BLJ96W240400P-V provided with this Appliance.
30. The robot contains batteries that are only replaceable by skilled persons.
31. The plug and the Power Adapter must be used indoor.

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 |

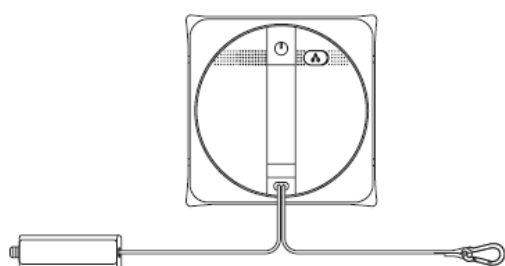
For EU Countries

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

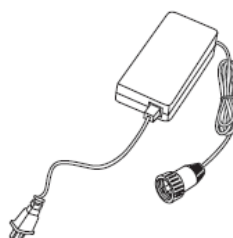
Correct Disposal of this Product

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.

Package Contents



WINBOT+ Safety Tether and Carabiner
+ Safety Battery



Power Adapter



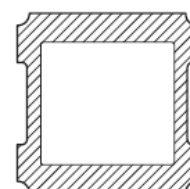
Instruction Manual



Measuring Cup



ECOVACS WINBOT Cleaning Solution

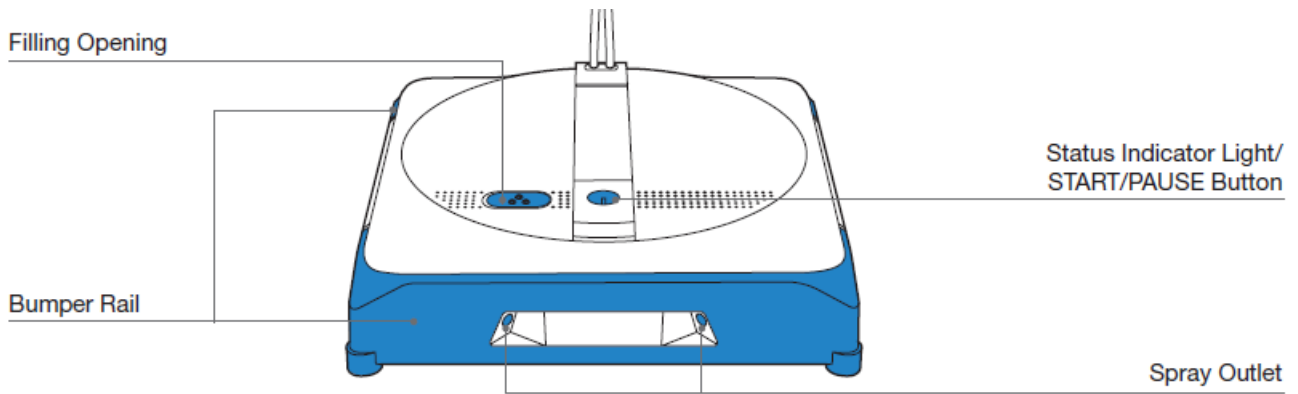


Mopping Pad

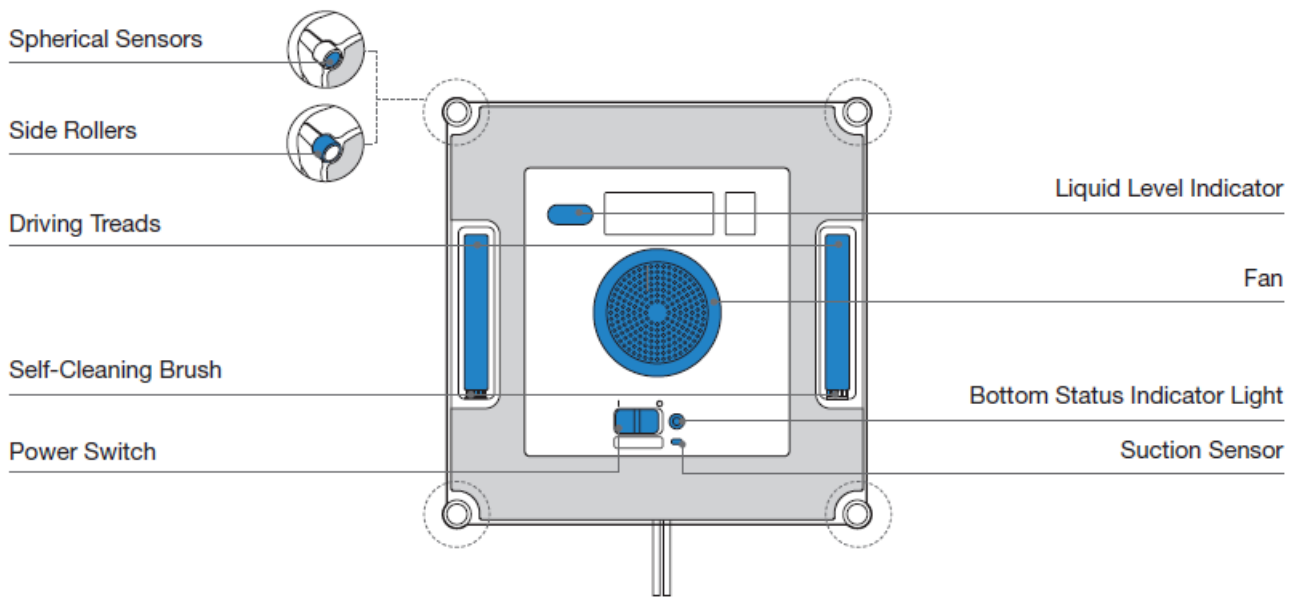
Note: Figures and illustrations are for reference only and may differ from actual product appearance. Product design and specifications are subject to change without notice.

Product Diagram

WINBOT

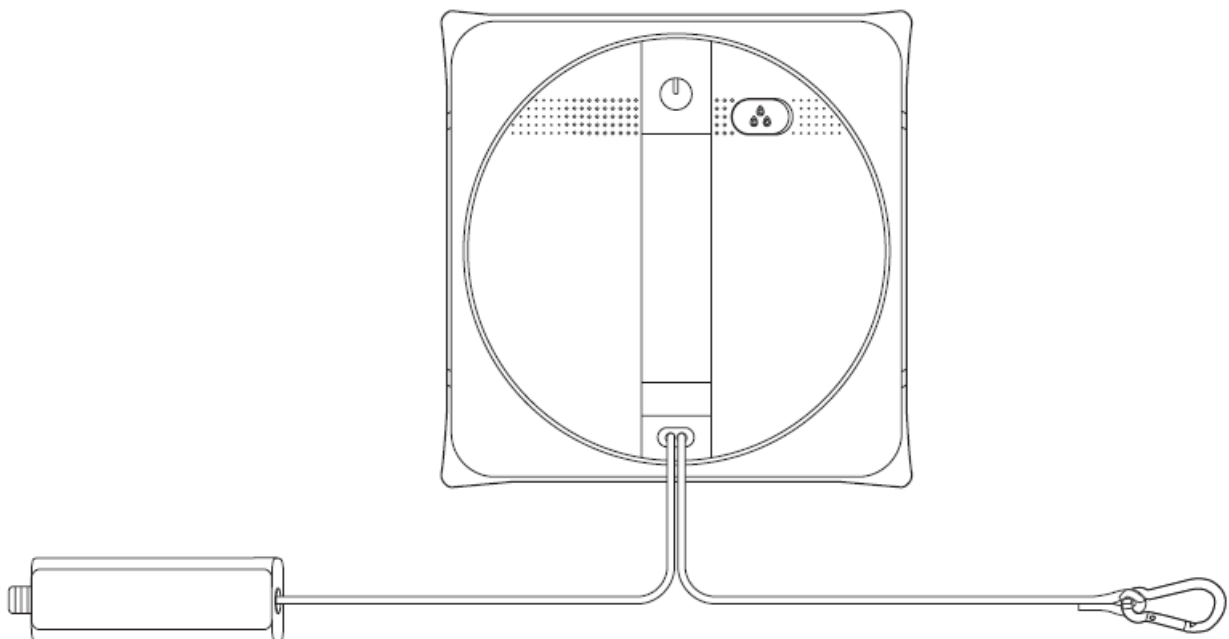


Bottom View



Notes Before Cleaning

Make sure Safety Tether and Carabiner have been connected with WINBOT before using. (Connected by default. Do not disconnect before **cleaning.**)



Note: Do not use WINBOT on a framed window with a frame narrower than 5 mm(0.2").

Network Setup

To enjoy all available features, it is recommended to control your WINBOT via the ECOVACS HOME App.

- **Three Cleaning Mode**

Fast Cleaning Mode: Ensure efficient window cleaning

Deep Cleaning Mode: Realize all-round cleaning

Spot Cleaning Mode: Say goodbye to stubborn stains

- **Manual Remote Control, Return to Corner:**

Switch between interior and exterior window.

Manual remote control, to clean stubborn stains.

Return to Corner, to let WINBOT return to the specified corner immediately.

- **Automatic and Manual Water Spraying**

Automatic water spraying defaulted brings a better cleaning. WINBOT is also equipped with manual water spraying function.

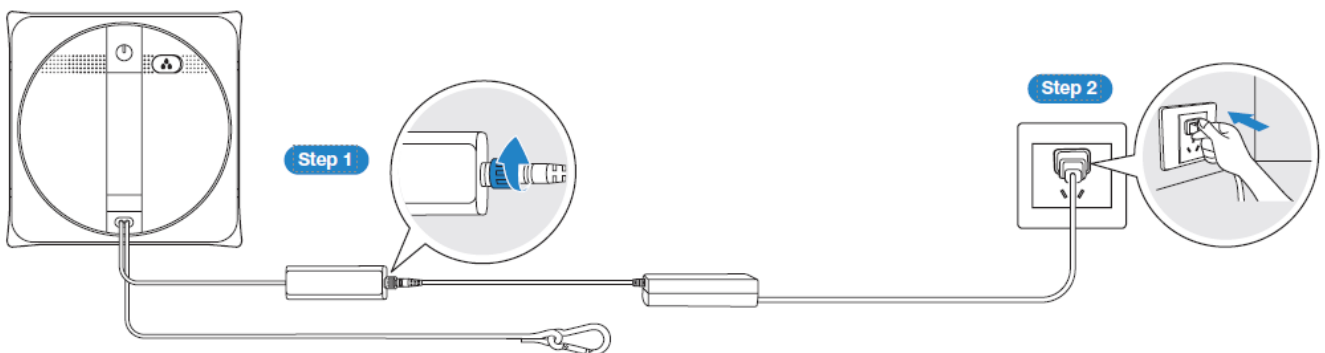
- **Smart Reminder of Consumables Replacement**

Precise timing reminder, to get a better cleaning experience.

Quick Start

1. Connect WINBOT Power Cord, Power Adapter and Plug

Please ensure the battery is fully charged before using. Charging time will be approx. 2 hours. *Do not cut the power off when WINBOT is running, otherwise it may lead to the risk of falling.

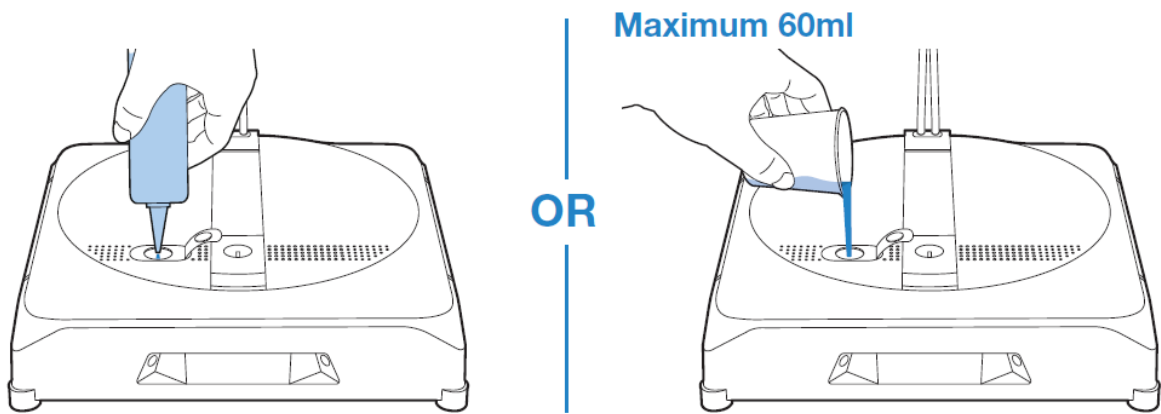


Connect correctly in the order shown above. Improper connection may cause charging abnormalities or damage to the battery.

2. Preparation before Use

Fill up the Reservoir

It is recommended to use with ECOVACS WINBOT Cleaning Solution. The maximum volume of the Reservoir is about 60ml, and it can spray for about 60 minutes when the Reservoir is full.



Note: Do not add purified water and filtered water.

Do not add too much cleaning solution to overflow the Reservoir.

Using other cleaners could have an adverse effect on cleaning performance.

If the cleaning solution is used up, you can temporarily use tap water instead. Using the ECOVACS WINBOT Cleaning Solution can have a better cleaning performance.

Install Mopping Pad

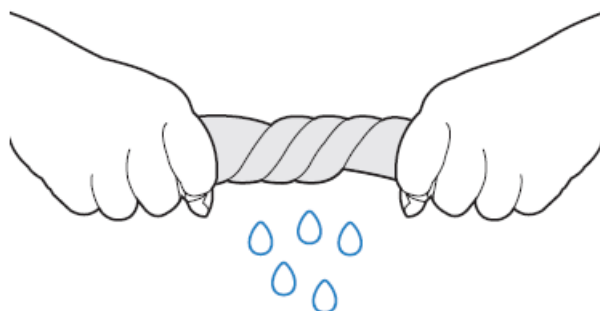
1. Wet the Mopping Pad

Before using, wet the Mopping Pad manually.



2. Wring the Mopping Pad out

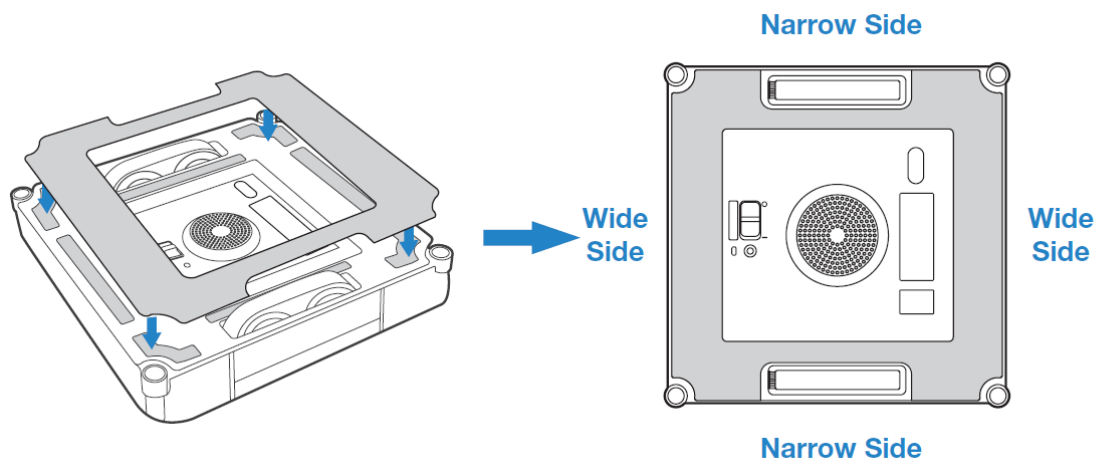
Wring the Mopping Pad as dry as possible.



3. Stick the Mopping Pad

Stick the Mopping Pad onto the Velcro at the bottom of WINBOT, and press it with your hands to help the

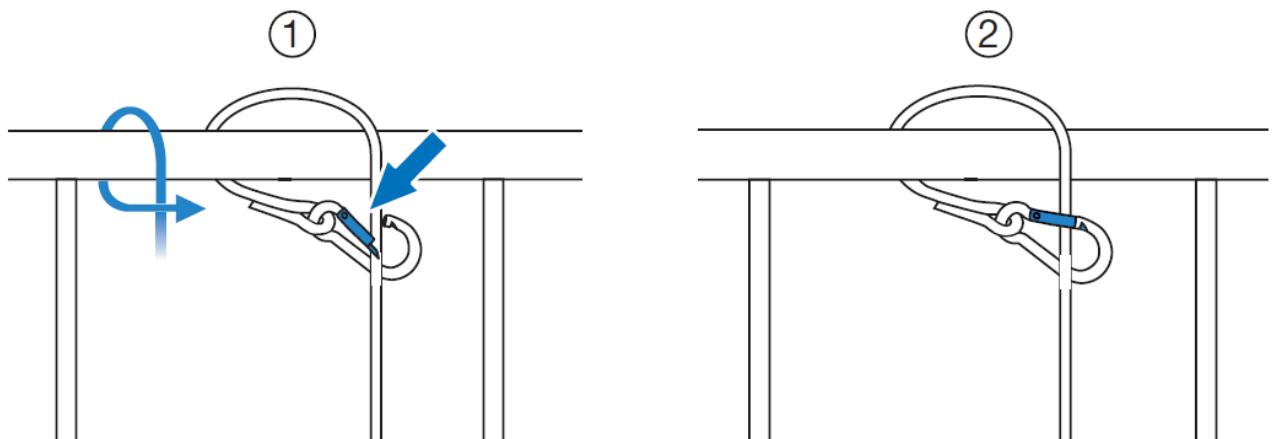
Mopping Pad stick firmly.



4. Tie the Safety Tether

Properly tie the safety tether to a stable object that cannot be easily moved, and lock the carabiner as shown below.

Please make sure using under supervision.



Note: To ensure safety, please make sure to secure the carabiner before use. It is recommended to fasten the Safety Tether with the Carabiner on a firm and safe metal railing.

Start

1. Turn the Power Switch to “I”.
2. Attach to the Window.

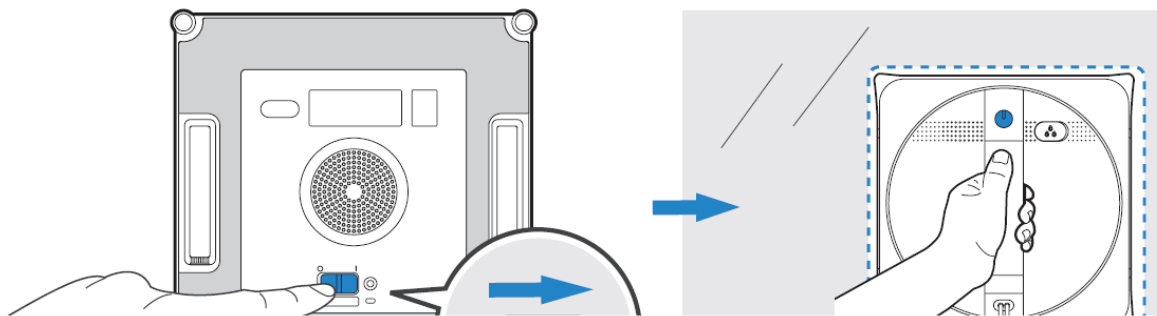
Method 1: Press on WINBOT within 1.5s. After the fan is completely activated, attach WINBOT to the window.

Method 2: Evenly press the four Spherical Sensors onto the glass for 3s and more to make it firmly attached. WINBOT will start cleaning after it has attached to the window successfully.

* 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.

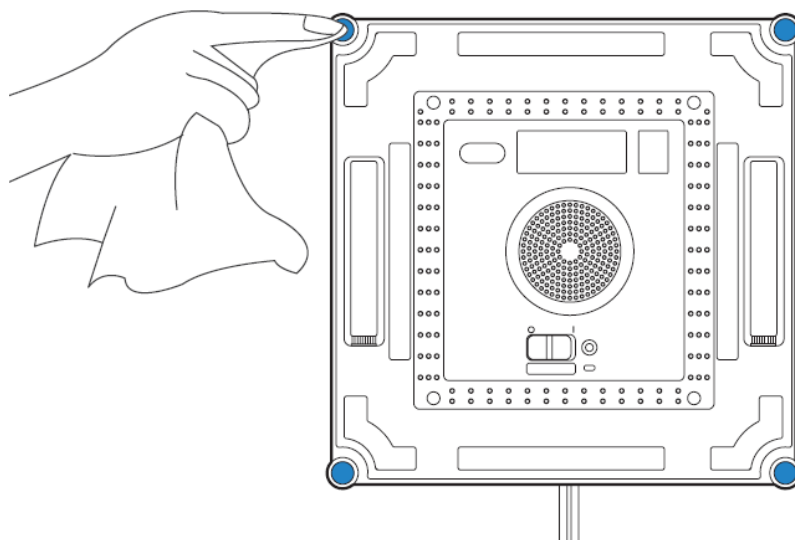
* WINBOT can only clean flat surfaces. Please make sure that the glass thickness is not less than 3mm.

* Do not put the fan close to hair and other small objects after power on, so as not to block the fan.



Maintenance during Cleaning

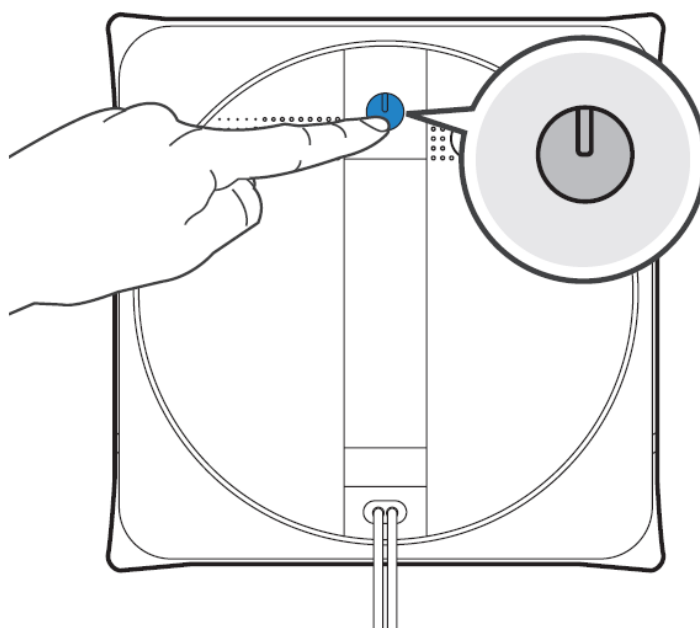
For heavily stained glass, please wash or replace the Mopping Pad several times and clean the four Spherical Sensors in time.



Finish

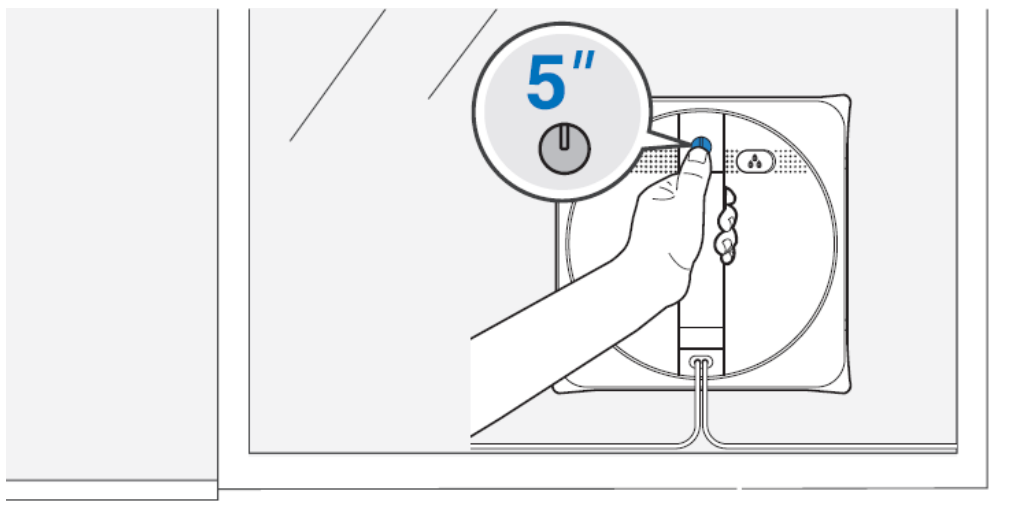
Pause

During cleaning, press on WINBOT or pause it via App.

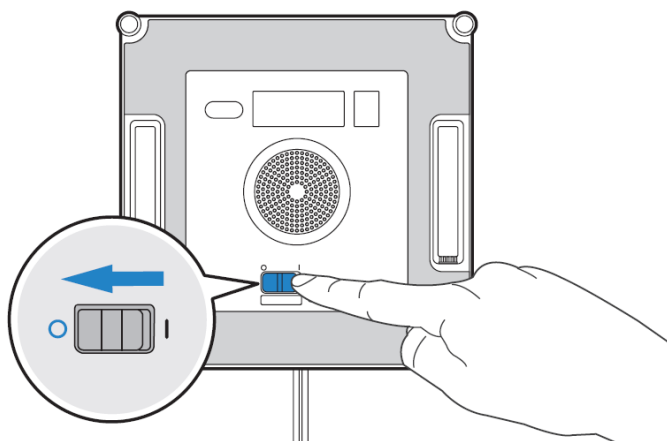


Remove WINBOT

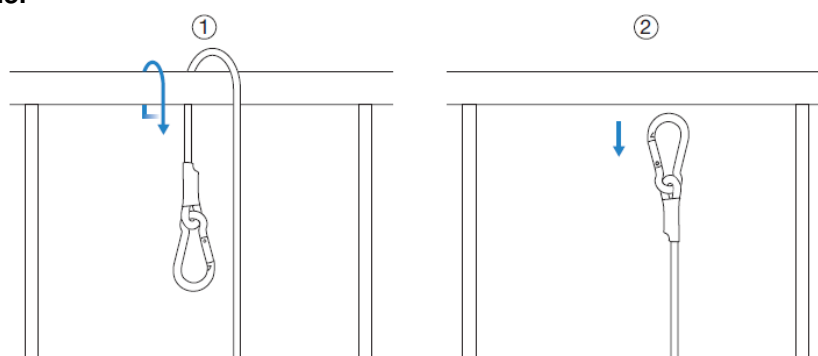
Press on WINBOT for 5s and more to remove it from the window. When cleaning is complete, WINBOT will return to the starting position and beep. Press and hold for 5 seconds and more, and remove it after the fan stops working.



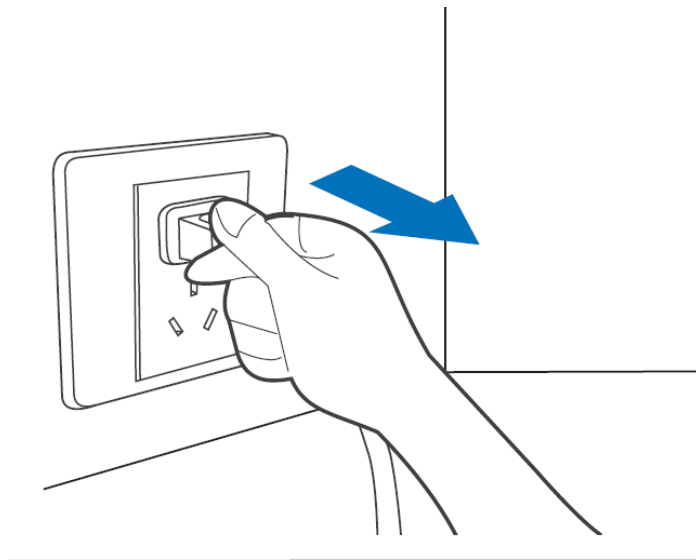
Power Off



Unfasten Safety Tether



Unplug WINBOT

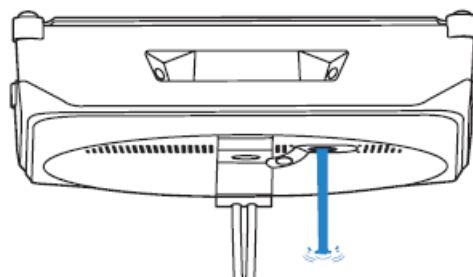


Maintenance

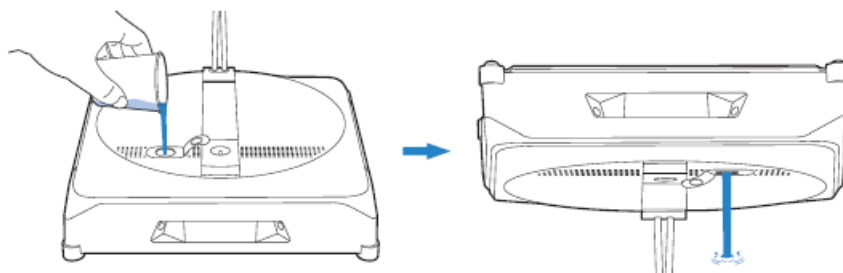
Reservoir

Empty the Reservoir

Pour out the cleaning solution from the Reservoir. After using ECOVACS WINBOT cleaning solution, please rinse the reservoir with the provided measuring cup.



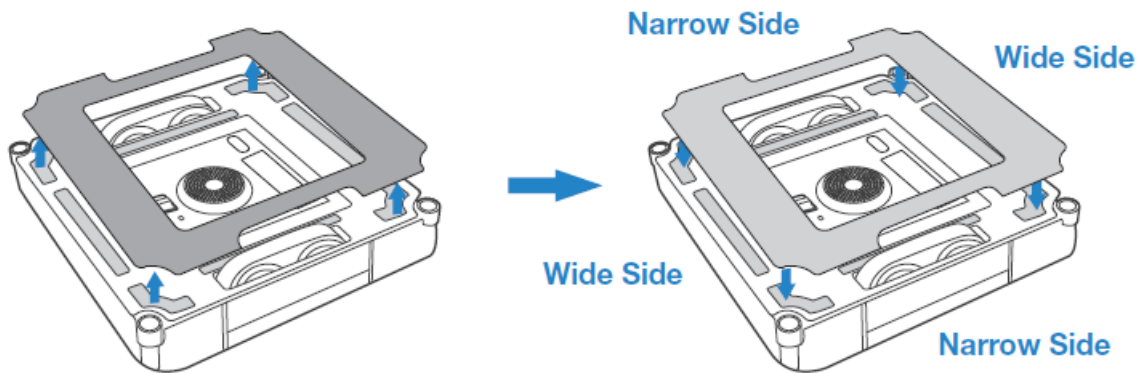
OR



Mopping Pad

Replace the Mopping Pad

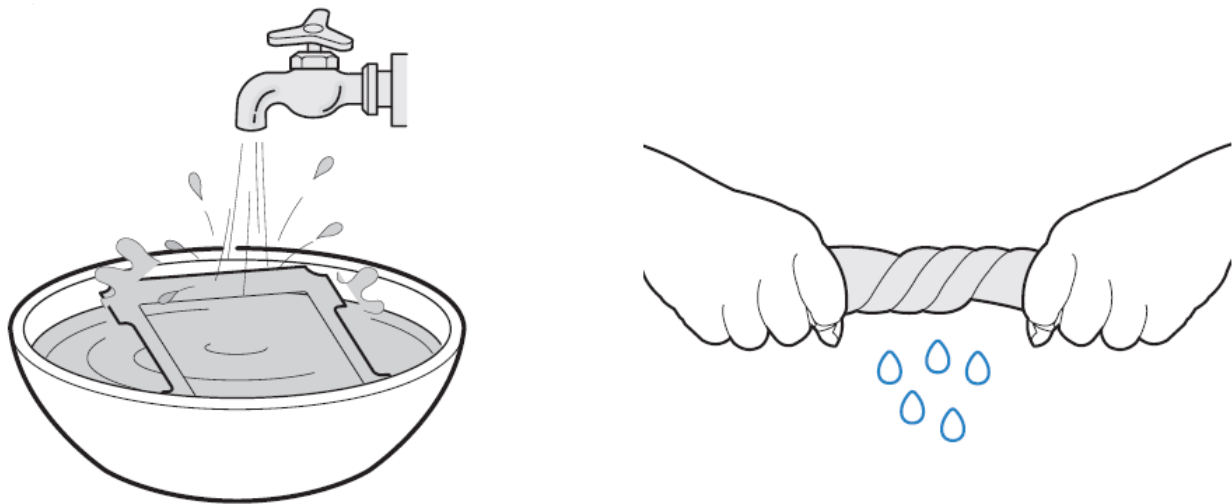
Remove the dirty Mopping Pad from WINBOT and place a clean new one on it. Then, press the Mopping Pad with your hands to help it stick firmly. Please make sure the Mopping Pad is correctly attached, and do not cover the Spherical Sensors.



* Clean the Velcro at the bottom of WINBOT with a clean brush if it is dirty. Do not wash with water to avoid damage caused by water.

Wash the Mopping Pad

Remove the Mopping Pad. Wash it with tap water, and wring it dry before use.



Note: Wash with tap water.

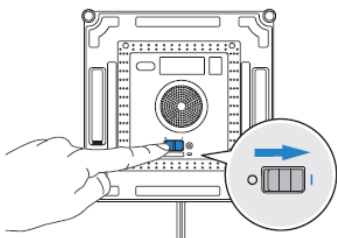
Washing the Mopping Pad regularly can extend its service life.

If the Mopping Pad becomes worn or no longer fits exactly within the fastener area, replace it with a new one to achieve optimal cleaning performance. Explore more accessories at ECOVACS HOME App or at

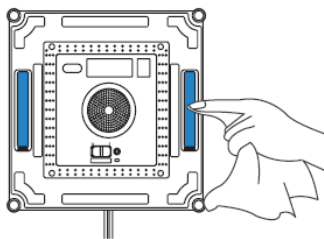
<https://www.ecovacs.com/global>.

Driving Treads

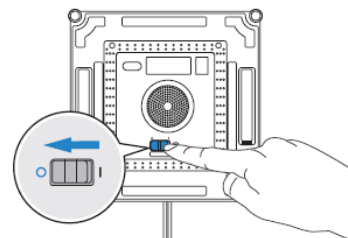
1. Before maintenance, please make sure that the power switch is set to "I" and the fan stops working.
2. Inspect the Driving Treads in ECOVACS HOME App. Stop the Driving Treads if you see dirt on them.
3. After maintenance, you can install the Mopping Pad to continue cleaning task. Or turn the power switch to "O" to end task.



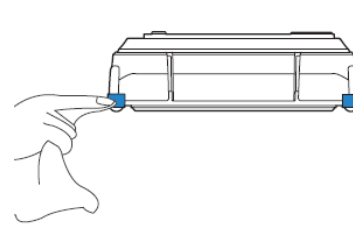
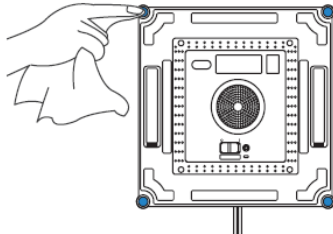
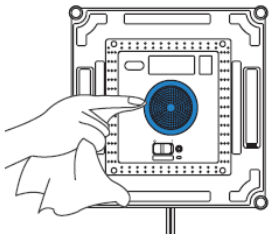
Fan



Spherical Sensors



Side Rollers



* After WINBOT reports low battery, please fully charge it before usage and storage to avoid reducing the service life of battery.

* If WINBOT will not be used for a long time, please fully charge it and turn it off before storage. Recharge it every six months to prevent the battery from being over-discharged.

Status Indicator Light

| Light Effect | Status |
|---|--|
| Status Indicator glows a continuous BLUE. | WINBOT is fully charged. |
| | WINBOT has successfully adhered itself to the glass and is ready to clean. |
| | WINBOT is cleaning. |
| | WINBOT is paused. |
| | The network setup is complete. |
| Status Indicator flashes BLUE slowly. | WINBOT is paused and charging. |
| Status Indicator flashes BLUE. | WINBOT is spraying. |
| Status Indicator stops glowing BLUE. | WINBOT is in sleep mode. Press to wake it up. |
| | WINBOT is powered OFF. |
| Status Indicator glows a continuous RED. | WINBOT has a low battery. Please remove it from the window. |
| Status Indicator flashes RED. | WINBOT has a problem. Please refer to section 5 Troubleshooting for details. |

Troubleshooting

| N O. | Malfunction | Possible Causes | Solutions |
|---------|---|---|---|
| 1 | WINBOT moves in an irregular pattern during cleaning. | The Mopping Pad is too wet. | Replace the Mopping Pad as described in section 3. Use the ECOVACS WINBOT Cleaning Solution as described in manual and restart the cleaning cycle. |
| | | The Driving Treads are dirty. | Clean the Driving Treads as described in section 3. |
| 2 | WINBOT does not move. | The Mopping Pad is attached improperly. | Please remove the Mopping Pad and reattach. |
| | | There are gaps or cracks on the surface to be cleaned. | Hold the Safety Tether or the Power Cord. Meanwhile, press Direction Buttons in ECOVACS HOME App to let the WINBOT leave the gap or barrier. |
| | | The Mopping Pad Plate is blocked by small obstacles on the glass. | |
| 3 | WINBOT cannot move or moves in circles. | The driving treads are stuck. | Check if there is any dust or debris on the Driving Treads. If so, please clean the Driving Treads as described in section 3. Start WINBOT again. If problem persists, please contact Customer Service. |
| 4 | Voice prompts insufficient water in the Reservoir. | No ECOVACS WINBOT cleaning solution in the Reservoir. | Please add ECOVACS WINBOT cleaning solution. Do not add purified water and filtered water. |
| | | The bumper rail is stuck. | Remove WINBOT from the window. Check if the bumper rail is stuck. Clean the bumper rail and restart WINBOT. If problem persists, please contact customer service. |
| | | The bumper rail is damaged. | |
| | | | |

| | | | |
|---|--|--|--|
| 5 | WINBOT stays still or moves in an irregular pattern during cleaning. | Spherical Sensors signal abnormality. | <ul style="list-style-type: none"> • A. Remove the Mopping Pad and re-attach it making sure it will not cover or affect the Spherical Sensors. • B. Clean the Spherical Sensors as described in section 3. • C. If the problem persists, please contact Customer Service. |
| | | Fan malfunction. | <ul style="list-style-type: none"> • A. Clean the Fan as described in section 3. • B. If the problem persists, please contact Customer Service. |
| 6 | WINBOT stops moving after adhering to the glass. | WINBOT is too close to the edge of the glass or obstacles. | Use the Direction Control buttons in the App to move WINBOT away from the problem area and at least 10cm/4" from window corners and obstacles. Restart WINBOT. Alternatively, remove WINBOT from the window and put it at least 10cm/4" from window corners and obstacles. Restart WINBOT. |
| 7 | WINBOT is stuck. | It is stuck by obstacles. | Fix the Safety Clasp and tether firmly. Hold WINBOT power cord and meanwhile, use ECOVACS HOME App to move WINBOT away from the stuck area. If the problem persists, please contact Customer Service. |

App Connection

Before connection, make sure WINBOT and the mobile phone meet the following requirements:

1. The Bluetooth of the mobile phone is turned on.
2. The WINBOT power switch has been turned on and the indicator light has been lit.
3. Please pair WINBOT in ECOVACS HOME App instead of the phone setting.
4. Co-frequency interference might occur between Bluetooth and Wi-Fi. It is recommended to keep WINBOT close to the mobile phone and distant from the Wi-Fi router during pairing.
5. If the connection failed, please try to disconnect other Bluetooth devices, make sure WINBOT is not connected to other mobile phones, and try again.
6. Bluetooth may be disconnected if WINBOT is too distant from the phone. Try to reconnect at a short distance.
7. For using WINBOT, you need to allow ECOVACS HOME App to obtain access to the location, Bluetooth, and mobile phone storage.

If the problems persist after trying the above methods, please contact customer service.

Technical Specifications

| | | | |
|--------------------------------|-----------------|------------------------|-----|
| WINBOT Model | WG888-12 | | |
| Rated Input | 24V 4A | Rated Power | 75W |
| Frequency | 2400-2483.5MHz | | |
| Off/Standby Mode Power | Less Than 0.50W | | |
| Power Adapter: BLJ96W240400P-V | | | |
| Input 230V 50Hz 2.0A | | Output 24V 4A 96W | |


Output power of the wireless module is less than 100mW.

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

Ecovacs Home Service Robotics Co., Ltd.

No. 518 Songwei Road, Wusongjiang industry Park, Guoxiang Street, Wuzhong District, Suzhou, Jiangsu, China.

Documents / Resources

| | |
|---|--|
|  | ECOVACS Winbot W1 Pro Window Cleaning Robot [pdf] Instruction Manual Winbot W1 Pro Window Cleaning Robot, Winbot W1 Pro, Window Cleaning Robot, Cleaning Robot, Robot |
|---|--|

References

- [🔗 Robot Vacuum Cleaners | Auto Cleaning Robots - ECOVACS Website-ECOVACS Website](#)
- [🔗 Product Compliance-ECOVACS Website](#)