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> [ECOVACS WINBOT W2 PRO OMNI Portable Window Cleaning Robot User Manual](#)

## ECOVACS W2 PRO OMNI

# ECOVACS WINBOT W2 PRO OMNI Portable Window Cleaning Robot User Manual

Model: W2 PRO OMNI

## 1. INTRODUCTION

The ECOVACS WINBOT W2 PRO OMNI is an advanced robotic window cleaner designed to simplify window cleaning tasks. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before first use and retain it for future reference.

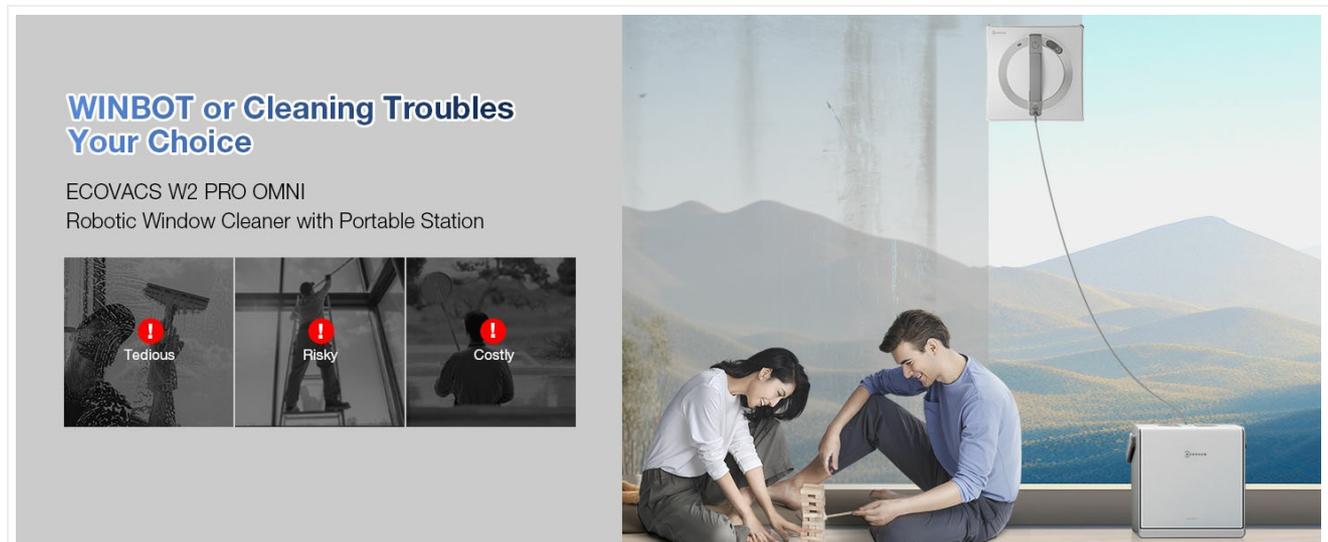


Image 1.1: The WINBOT W2 PRO OMNI and its multi-functional station, illustrating its purpose in simplifying window cleaning.

## 2. PRODUCT COMPONENTS

The ECOVACS WINBOT W2 PRO OMNI package includes the following items:

- WINBOT Robot (1)
- Multi-Functional Station (1)
- Safety Rope (1)

- Carabiner (1)
- Wiping Pads (2)
- Cleaning Solution (Empty Bottle) (1)
- User Manual (1)

# WINBOT or Cleaning Troubles, Your Choice

## WINBOT W2 PRO OMNI



Image 2.1: Overview of the WINBOT W2 PRO OMNI robot, its station, and included accessories.

### 3. SETUP

### 3.1 Unpacking and Initial Inspection

1. Carefully remove all components from the packaging.
2. Inspect all items for any signs of damage. If any components are damaged or missing, contact customer support.

### 3.2 Attaching Wiping Pads

1. Ensure the WINBOT robot is powered off.
2. Align the wiping pads with the designated areas on the bottom of the WINBOT.
3. Press firmly to secure the pads. Ensure they are stretched and cover the cleaning plate completely for optimal cleaning and edge detection.

### 3.3 Filling the Cleaning Solution Tank

1. Locate the water tank on the WINBOT robot.
2. Open the tank cap and fill with the provided cleaning solution or distilled water. Do not overfill.
3. Securely close the tank cap.

### 3.4 Connecting the Multi-Functional Station

The multi-functional station serves as a control panel, charger, stabilizer, and portable storage. Connect the WINBOT to the station using the 2-in-1 compound cable.



Image 3.1: Features of the 6-in-1 Multi-functional Station.

### 3.5 Powering the Device

The WINBOT W2 PRO OMNI offers two power modes:

- **Battery Mode:** For areas without power outlets. The integrated 5200mAh battery provides up to 110 minutes of cleaning.
- **Plugged-in Mode:** For continuous cleaning on large glass areas. Connect the station to a power outlet.

## High-performance Cleaning Cloth

Crafted with ultra-fine fibers and integrated yarn, the deformation-resistant cloth offers up to 400% water-locking and excellent dust retention, minimizing wet marks for a cleaner, streak-free finish. Both sides can be used for wiping.



Image 3.2: Dual power supply options for the WINBOT W2 PRO OMNI.

### 3.6 Safety Rope Attachment

Always attach the safety rope to a secure anchor point before operating the WINBOT, especially when cleaning exterior windows or at height. Use the provided carabiner to secure the rope.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Placing the WINBOT on the Window

1. Ensure the window surface is free of large debris that could scratch the glass or impede movement.
2. Place the WINBOT firmly on the window surface. The suction mechanism will activate automatically.
3. Ensure the safety rope is securely attached.

### 4.2 Starting a Cleaning Cycle

You can start the WINBOT using the control panel on the station or via the ECOVACS HOME app.

1. Press the 'Power' button on the multi-functional station or in the app.
2. The WINBOT will initiate its WIN-SLAM 4.0 intelligent path planning to determine the most efficient cleaning route.

## Bring Clear Views Back, Instantly

Industry-leading three-nozzle wide-angle spray atomization technology applies a delicate, even water film to the window, dissolving dirt without dripping or splashing.

**100%**  
Increase in Water  
Pressure\*

**40%**  
Increase in Spray  
Coverage\*

\*Compared to W1 PRO.



Image 4.1: WIN-SLAM 4.0 Intelligent Path Planning in action.

### 4.3 Cleaning Modes

The WINBOT W2 PRO OMNI offers multiple cleaning modes to suit various needs:

- **Fast Cleaning Mode:** For daily maintenance.
- **Deep Cleaning Mode:** For glass with multiple dirty spots.
- **Thorough Cleaning Mode:** For stubborn stain removal.
- **Edge Cleaning Mode:** Focuses on cleaning window edges.
- **Heavy-duty Cleaning Mode:** For large and very dirty windows.
- **Manual Control Mode:** For complex glass cleaning, controlled via the app.

Select or switch modes using the intuitive station panel or the ECOVACS HOME app.



Image 4.2: Available cleaning modes and app control interface.

### 4.4 Triple Nozzle Wide Angle Spray Technology

The WINBOT utilizes a fully upgraded 3-nozzle wide-angle spray technology to ensure efficient and effective cleaning. This system increases water pressure and improves function time, dissolving dirt without dripping.



Image 4.3: Triple nozzle spray technology for effective cleaning.

## 5. MAINTENANCE

## 5.1 Cleaning Wiping Pads

After each use, remove the wiping pads from the WINBOT. Hand wash or machine wash the pads with mild detergent and allow them to air dry completely before reattaching. Regularly replacing worn pads is recommended for optimal performance.

## 5.2 Refilling Cleaning Solution

Monitor the cleaning solution level in the tank. Refill as needed with the recommended ECOVACS cleaning solution or distilled water. Do not use corrosive or foamy cleaning agents.

## 5.3 General Cleaning of the Robot and Station

Wipe the exterior of the WINBOT and the multi-functional station with a soft, dry cloth. Avoid using abrasive cleaners or spraying liquids directly onto the devices. Ensure all sensors are clean and free of dust or debris.

# 6. TROUBLESHOOTING

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If you encounter issues with your WINBOT W2 PRO OMNI, please refer to the following common solutions:

- **Robot not adhering to window:** Ensure the window surface is clean and dry. Check that the wiping pads are correctly attached and not overly saturated. Verify the suction ports are clear.
- **Poor cleaning performance:** Replace dirty wiping pads. Refill the cleaning solution tank. Ensure the nozzles are not clogged.
- **Robot stops unexpectedly:** Check the power connection if in plugged-in mode. If in battery mode, ensure the battery is sufficiently charged. Verify the safety rope is not tangled or obstructing movement.
- **App connectivity issues:** Ensure your smartphone's Bluetooth and Wi-Fi are enabled. Restart the WINBOT and your smartphone. Check for app updates.

For persistent issues, contact ECOVACS customer support.

# 7. SPECIFICATIONS

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Feature	Detail
Model Name	W2 PRO OMNI
Item Weight	8.55 Kilograms
Product Dimensions	40.5L x 38W x 30H Centimetres
Form Factor	Compact
Batteries Required	Yes
Battery Life	110 minutes
Special Feature	Dual Cross Water Spray Technology
Controller Type	Mobile App
Surface Recommendation	Windows
Colour	Silver

## 8. SAFETY INFORMATION

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The WINBOT W2 PRO OMNI incorporates a 12-stage protection system to ensure safe operation. This includes features such as automatic air pressure compensation, optimal 5,500Pa suction power, power-off protection, and a safety rope docking system.



Image 8.1: Overview of the 12-tier protection system.

Always ensure the safety rope is properly secured before operating the device, especially on high windows. Do not use the WINBOT on cracked or damaged glass surfaces.

## 9. WARRANTY INFORMATION

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The ECOVACS WINBOT W2 PRO OMNI comes with a **1 Year Warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included in your package or visit the official ECOVACS website.

## 10. CUSTOMER SUPPORT

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For technical assistance, troubleshooting, or spare parts, please contact ECOVACS customer support through their official website or the contact information provided in your product packaging. You can also visit the [ECOVACS Store on Amazon](#) for more information.