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› FMART W8 Mini Window Cleaning Robot Instruction Manual

FMART W8

FMART W8 Mini Window Cleaning Robot User Manual

Model: W8

1. INTRODUCTION

The FMART W8 Mini Window Cleaning Robot is designed to provide efficient and safe window cleaning. Featuring an ultra-slim design, powerful 8000Pa suction, and a 4-way ultrasonic spray system, it offers smart path planning and multiple cleaning modes for various surfaces. This manual provides essential information for the proper setup, operation, and maintenance of your device.

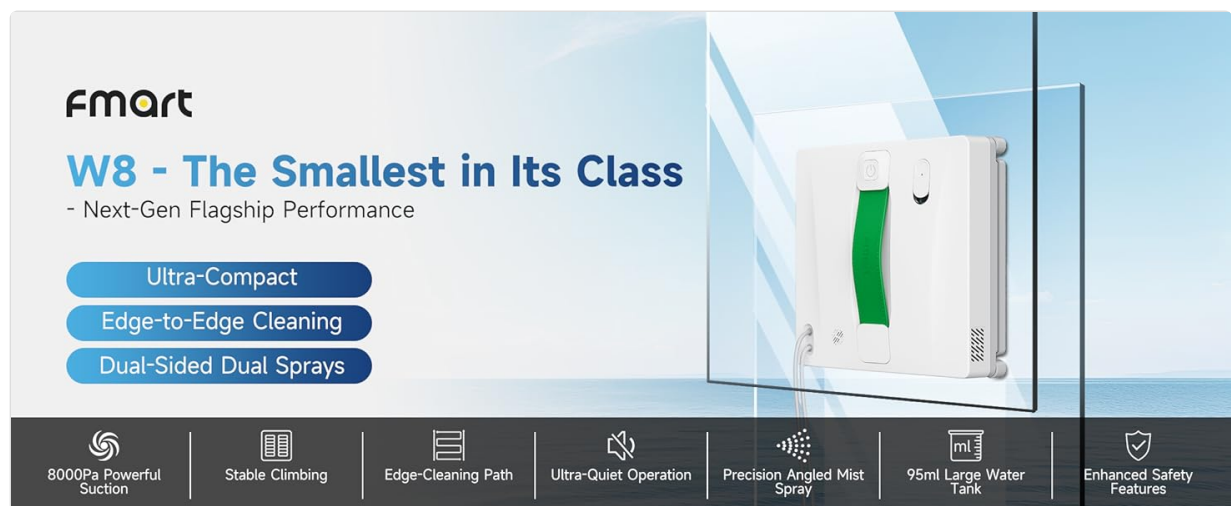


Image: The FMART W8 robot showcasing its ultra-compact design and advanced cleaning features.

2. SAFETY INFORMATION

Your safety is paramount. Please read and understand all safety instructions before using the FMART W8 Mini Window Cleaning Robot.

- **9-Stage Safety Upgrade:** The robot is equipped with multiple safety features including powerful suction, high-precision edge detection sensors, real-time air pressure compensation, and an enhanced anti-slip crawler system.
- **Safety Rope:** Always fasten the safety rope securely to a fixed object before operation to prevent accidental falls.
- **Backup Battery:** A built-in backup battery provides up to 50 minutes of emergency suction in case of a power outage, allowing you to safely retrieve the robot.
- **Anti-Fall Technology:** Floating suction cups absorb shocks and maintain grip, while the anti-fall technology provides a cushion against external pulls.
- **Environmental Conditions:** Do not use the robot in rainy or extremely windy conditions. Ensure the window surface is free from large debris that could interfere with suction or movement.



Image: Anti-Fall Technology ensures the robot remains securely attached to the window.

3. SETUP GUIDE

Follow these steps to prepare your FMART W8 for its first use.

1. **Attach the Cleaning Cloth:** Securely attach the provided cleaning cloth to the Velcro strips on the robot's bottom. Ensure the wide and narrow sides are correctly aligned and the cloth is smooth to prevent air leaks.
2. **Fill the Water Tank:** Open the water tank cap and fill the 95ml tank with purified water or a very diluted cleaning solution. Close the lid tightly to prevent leaks.
3. **Connect the Power Cable:** Connect the power cable to the robot and then to the power adapter. Ensure all connections are secure. Extension cords can be installed as needed.
4. **Secure the Safety Rope:** Fasten the safety rope's buckle to a sturdy anchor point, such as a window frame or railing, to prevent falls.
5. **Plug in the Power Adapter:** Insert the power adapter into a power outlet.

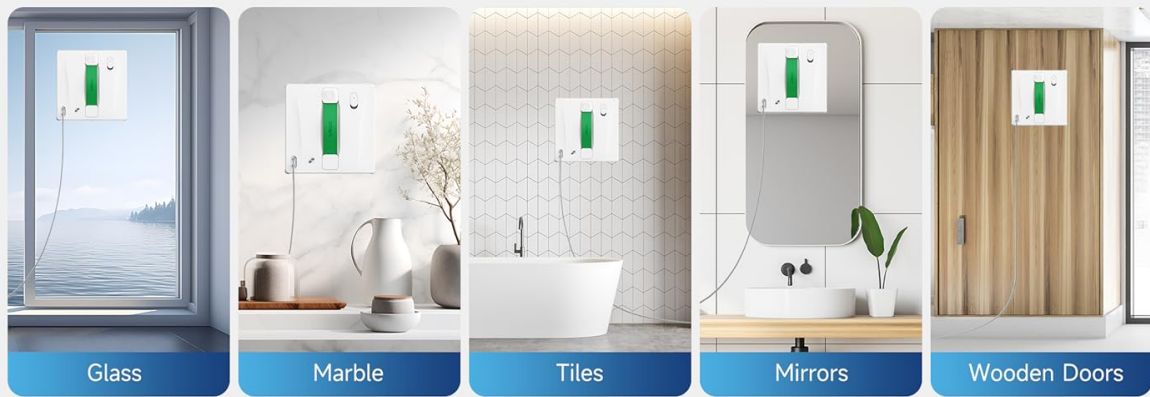


Image: Visual guide for initial setup steps.

Setup Video Guide

Video: This video demonstrates the unboxing and initial setup steps for the FMART W8, including attaching the cleaning cloth, connecting power, and securing the safety rope.

4. OPERATING INSTRUCTIONS

Learn how to operate your FMART W8 for optimal cleaning performance.

1. **Turn On the Robot:** Press and hold the power button for 2 seconds until the fan starts and suction is secure.
2. **Place on Window:** Carefully place the robot onto the window surface, away from the frame. Ensure it adheres firmly before releasing.
3. **Start Cleaning:** Press the power button briefly to start automatic cleaning. The robot will begin its programmed cleaning route.
4. **Control Options:** You can control the robot using the included remote control or the 'Fmart Smart' mobile application.

Cleaning Modes

The FMART W8 offers several cleaning modes to suit different needs:

- **Quick Clean (Z-Path x1):** Ideal for daily dusting and light cleaning.
- **Deep Clean (Dual Z-Path x2):** For a thorough cleaning, covering the surface twice.
- **Edge Clean:** Focuses on cleaning borders for spotless edges.
- **Spot Clean (4x Scrubbing):** Targets tough stains with concentrated scrubbing.

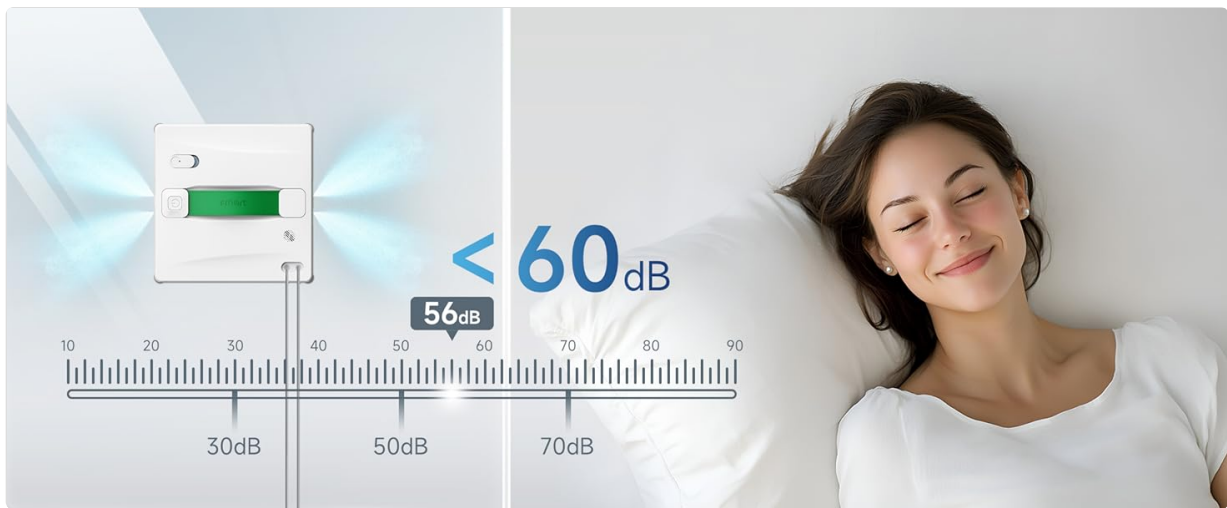


Image: Overview of the robot's smart cleaning modes.

Smart Features

- **Ultrasonic Wide-Angle Water Spray System:** Four ultrasonic nozzles atomize water into a fine mist for even coverage and effective cleaning. The 95ml tank supports cleaning multiple windows without frequent refills.
- **Smart Path Planning:** The robot uses intelligent algorithms to plan its cleaning route, ensuring 99.6% coverage and avoiding omissions.
- **Edge Detection:** Precision sensors enable ultra-close 2mm edge cleaning and intelligently stop spraying near frames.
- **Voice Prompts:** The robot provides real-time voice prompts in multiple languages for operational status (e.g., "Start cleaning," "Cleaning completed").
- **Applicable Surfaces:** Suitable for cleaning glass, marble, tiles, mirrors, and wooden doors.



Image: Control options for the FMART W8 robot.

App Connection Tutorial

Video: This video provides a tutorial on how to connect the FMART W8 to the mobile application for remote control and additional features.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your robot.

- **Cleaning Cloths:** After each use, remove and clean the microfiber cloths. They are reusable and can be hand-washed or machine-washed. Ensure they are dry before reattaching.
- **Water Tank:** Regularly check and refill the 95ml water tank. Use purified water to prevent mineral buildup in the ultrasonic nozzles.
- **Self-Cleaning Brushes & Tracks:** The robot features self-cleaning silicone brushes and anti-slip tracks that automatically clear debris. Periodically inspect them for any stubborn residue and clean as needed.
- **Exterior Cleaning:** Wipe the robot's exterior with a soft, dry cloth to remove dust and grime.

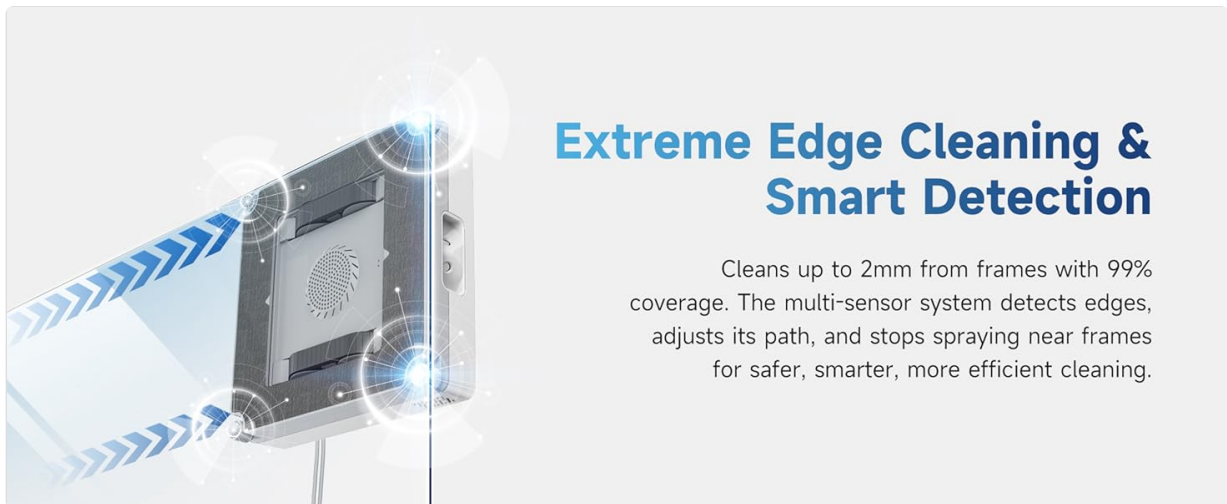


Image: Self-cleaning mechanisms for optimal performance.

6. TROUBLESHOOTING

If you encounter any issues, refer to the following common solutions:

- **Robot Not Sticking:**
 - Ensure the cleaning cloths are properly attached and smooth, without air gaps.
 - Check if the window surface is too dirty or wet. Clean the spot where you attach the robot first.
 - Verify the power cable is securely connected and the robot is receiving power.
- **Leaves Streaks:**
 - The cleaning cloths may be dirty. Replace or wash them thoroughly.
 - Ensure you are using purified water or a very diluted, appropriate cleaning solution.
 - For very dirty windows, run the robot twice or pre-clean heavily soiled areas.
- **Incomplete Cleaning/Missed Spots:**
 - Ensure the robot is placed correctly on the window, away from the frame, to allow for proper path planning.
 - Select the appropriate cleaning mode (e.g., Deep Clean for thorough coverage).
 - The robot cleans up to 2mm from frames. Manual touch-ups may be needed for extreme corners.
- **Voice Prompts Not Audible:**
 - Check the volume settings via the remote control or mobile app.

- Ensure there are no obstructions blocking the speaker.

7. SPECIFICATIONS

Brand	FMART
Model Name	W8
Product Dimensions	8.3"L x 8.3"W x 2.4"H (210mm x 210mm x 60mm)
Item Weight	4.85 pounds
Suction Power	8000Pa
Water Tank Capacity	95ml
Emergency Battery Life	50 minutes
Noise Level	< 60dB
Included Components	Robot, Cleaning Cloths, Safety Rope, Power Adapter, Remote Control, Cleaning Liquid Bottle, User Manual
Surface Recommendation	Glass, Tile, Marble, Mirrors, Wooden Doors

Smaller. Thinner. Better.

Maximum Cleaning. Minimum Time.



Image: Dimensions and compact design of the FMART W8.

8. WARRANTY AND SUPPORT

Specific warranty details for the FMART W8 Mini Window Cleaning Robot are not provided in the available product data. For comprehensive warranty information, product registration, or technical support, please refer to the official FMART website or the contact information provided on the product packaging.

You can also visit the [FMART Store on Amazon](#) for additional resources and product information.