

[Manuals.plus](#) /

› [FMART](#) /

› FMART W6 Window Cleaning Robot User Manual

FMART W6

FMART W6 Window Cleaning Robot User Manual

Model: W6
Brand: FMART

INTRODUCTION

The FMART W6 Window Cleaning Robot is an advanced device designed to automate the cleaning of various glass surfaces, including high-rise windows and tiles. Featuring a powerful 3800Pa suction, double-sided water spray, and intelligent navigation, it aims to provide efficient and thorough cleaning. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your FMART W6 robot.



Figure 1: FMART W6 Window Cleaning Robot with remote control and app interface.

SETUP GUIDE

Before operating your FMART W6 Window Cleaning Robot, please follow these steps carefully to ensure proper setup and safe operation.

1. Unpacking and Component Check

Carefully remove all components from the packaging. Ensure all items listed below are present:

- FMART W6 Window Cleaning Robot
- Power Adapter and Power Cord
- Remote Control
- Cleaning Pads (pre-installed or separate)
- Safety Rope
- Water Filling Bottle

2. Connecting Power and Safety Rope

The robot requires continuous power during operation. Connect the power adapter to the robot and then to a power outlet. Always attach the safety rope to a secure anchor point to prevent the robot from falling in case of power loss or suction failure.

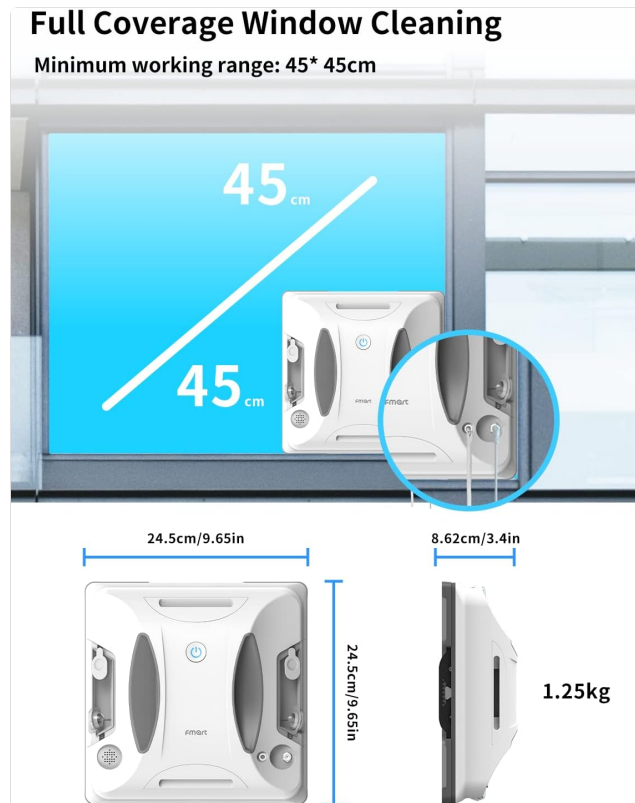


Figure 2: The robot's power cord and safety rope connection points. The built-in UPS provides approximately 20 minutes of backup power.

3. Filling Water Tanks

The FMART W6 features double-sided ultrasonic atomization water spray. Fill the water tanks (25ml capacity each) with clean water or a recommended window cleaning solution using the provided bottle. The robot atomizes water beads to 12um for efficient cleaning.



Figure 3: The robot's dual water spray nozzles and tanks.

4. App Connection (Optional but Recommended)

For enhanced control and features, connect your robot to the FMART app. Ensure your phone's Bluetooth and Wi-Fi are enabled. Follow the in-app instructions to pair your device. The app allows for intelligent control, multi-language switching, and voice prompt settings.

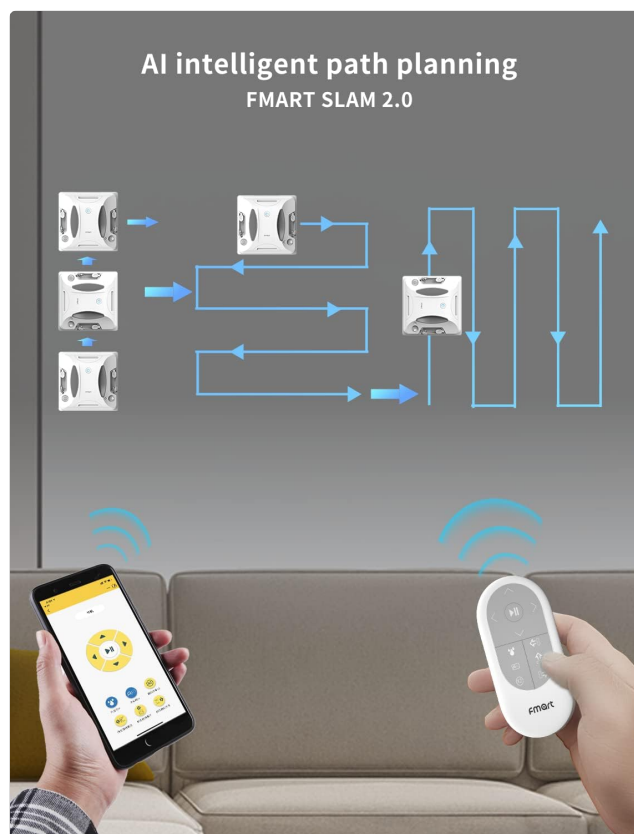


Figure 4: The FMART app interface for controlling the robot, alongside the physical remote control.

Watch this video for detailed APP connection instructions:

Your browser does not support the video tag.

Video 1: FMART W6 Window Cleaner Robot APP Connection Instruction. This video demonstrates how to connect your robot to the mobile application for smart control.

OPERATING INSTRUCTIONS

Once the robot is set up, you can begin the cleaning process. The FMART W6 is designed for ease of use with intelligent features.

1. Placing the Robot

Place the robot firmly on the glass surface. The 3800Pa strong suction power will ensure it adheres securely. The robot is equipped with four air pressure detection sensors to monitor the edge of the window, preventing falls even if left unattended.

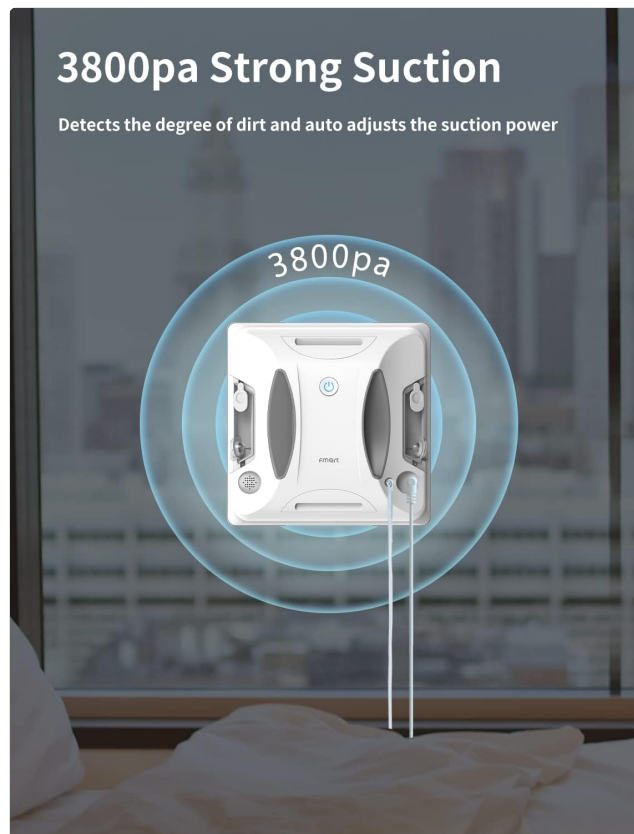


Figure 5: Illustration of the robot's strong 3800Pa suction power for secure attachment to glass surfaces.

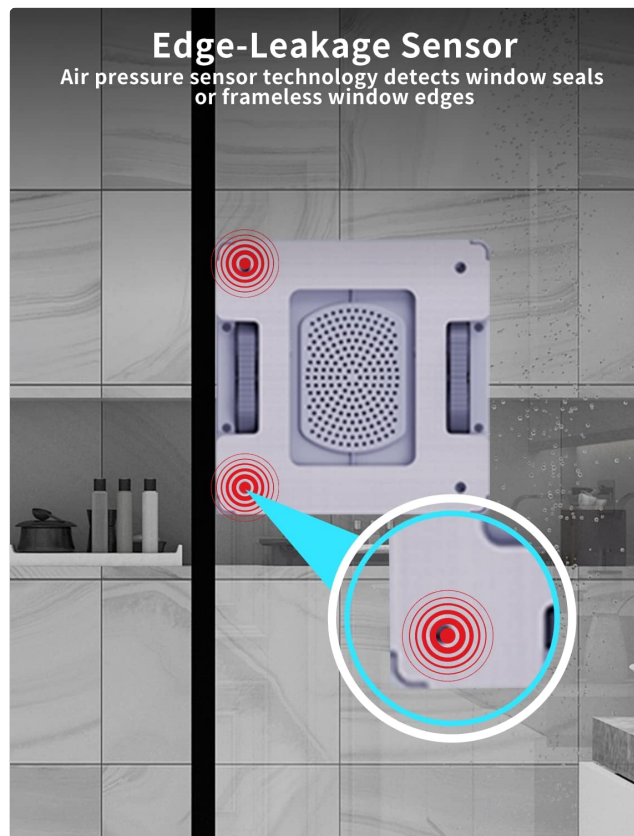


Figure 6: The robot's edge-leakage sensors detect window seals and frameless edges for safe operation.

2. Starting the Cleaning Cycle

You can start the cleaning cycle using the remote control or the FMART app. The robot utilizes AI Intelligent Path Planning, allowing it to switch between "Z" and "N" routes. It first detects the glass edge, moves to the upper left corner, and then begins zigzag cleaning, returning to the starting point upon completion to avoid missing spots.

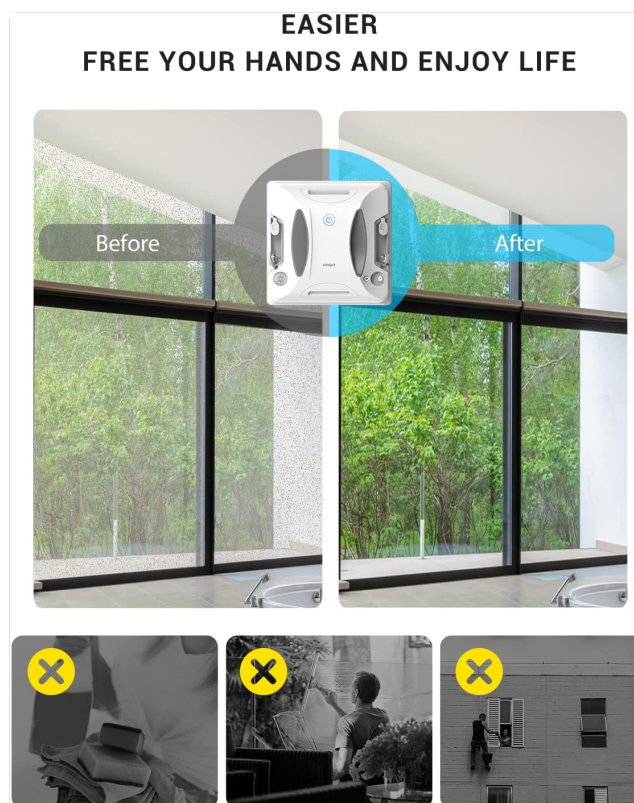


Figure 7: Diagram illustrating the AI intelligent path planning for comprehensive window cleaning.

The robot provides voice prompts to report commands and status updates, such as "Start cleaning...", "Back to the origin...", "Turn on the water spray...", and "Cleaning completed...".



Figure 8: The robot's voice prompt feature provides real-time updates during operation.

See the robot in action:

Your browser does not support the video tag.

Video 2: FMART W6 window cleaning robot in operation, demonstrating its movement and cleaning capabilities.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your FMART W6 Window Cleaning Robot.

1. Cleaning the Cleaning Pads

After each use, remove the cleaning pads from the robot. Wash them thoroughly with water and mild detergent. Ensure they are completely dry before reattaching them to the robot for the next use. Clean pads are essential for streak-free results.

2. Cleaning Water Tanks and Nozzles

Periodically empty and rinse the water tanks to prevent residue buildup. If the spray nozzles appear clogged, gently clean them with a soft brush or cloth to ensure consistent water atomization.

3. Inspecting the Safety Rope and Power Cord

Before each use, inspect the safety rope and power cord for any signs of wear, fraying, or damage. Replace them immediately if any damage is found to ensure safety during operation.

TROUBLESHOOTING

If you encounter issues with your FMART W6 Window Cleaning Robot, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot not adhering to glass / Losing suction	Insufficient suction due to dirty pads, uneven surface, or power issue.	Ensure cleaning pads are clean and dry. Verify the glass surface is relatively smooth. Check power connection and ensure the UPS is charged if operating without direct power.
Robot not moving or moving erratically	Obstruction, dirty tracks, or incorrect placement.	Remove any obstructions. Clean the robot's tracks. Reposition the robot in the center of the glass.
Water spray not working	Empty water tanks or clogged nozzles.	Refill water tanks. Clean the spray nozzles.
App connection issues	Bluetooth/Wi-Fi off, incorrect password, or robot not in pairing mode.	Ensure phone's Bluetooth and Wi-Fi are on. Re-enter Wi-Fi password. Tap the robot's power button 3 times briefly to activate pairing mode.
Robot making loud noises	Possible internal malfunction or debris.	Turn off the robot and inspect for any visible debris. If the noise persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	FMART
Model Name	W6
Special Feature	Automatic window cleaning robot
Color	W6
Product Dimensions	9.6"L x 9.6"W x 3.4"H
Included Components	Charging adapter
Filter Type	Cloth
Voltage	14.8 Volts (DC)
Power Source	Battery Powered
Control Method	App
Compatible Devices	Amazon Echo
Form Factor	Robotic
Item Weight	5.74 pounds
Manufacturer	FMART
Batteries	1 Lithium Ion batteries required. (included)
Date First Available	December 20, 2022

WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your FMART W6 Window Cleaning Robot, please contact the FMART service team directly. Refer to the product packaging or the official FMART website for contact details.

The manufacturer provides support for product inquiries and assistance with operation or troubleshooting.

© 2023 FMART. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

What type of cleaning solution should I use with the FMART W6/W6S Window Cleaning Robot, and how do I register the warranty?

For the FMART W6/W6S Window Cleaning Robot, please follow these guidelines for cleaning solutions and warranty registration:Cleaning Solution: You should fill the 25ml water tanks with either clean water or a recommended window cleaning...

[Read full answer](#)