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› SUNSMAI Automatic Window Cleaning Robot User Manual

SUNSMAI S60-9B Beige

SUNSMAI Automatic Window Cleaning Robot User Manual

Model: S60-9B Beige

1. INTRODUCTION

Thank you for choosing the SUNSMAI Automatic Window Cleaning Robot. This intelligent device is designed to simplify window cleaning with its powerful 2800Pa suction, smart path planning, and convenient water spray function. Please read this manual thoroughly before use to ensure safe and optimal performance.



The SUNSMAL Automatic Window Cleaning Robot, showcasing its main unit, remote control, and included microfiber cleaning pads.

2. SAFETY PRECAUTIONS

Your safety is paramount. Always adhere to the following precautions:

- Ensure the robot is securely attached to the glass surface before operation. The 2800Pa suction power is designed for strong adherence.
- Always connect the safety rope to a secure anchor point before starting the robot, especially for high-rise windows.
- The robot features edge collision and fall prevention, but continuous monitoring during operation is recommended.

- The emergency battery provides 30 minutes of power in case of power interruption, allowing time to retrieve the robot. This is not for cordless operation.
- Only use clean water in the water tank. Do not add detergents or other cleaning solutions directly into the tank.
- Keep hands and loose clothing away from moving parts during operation.

Microfiber Cleaning Cloth

Window cleaning often can't be done all at once, so we come standard with **6** pairs of eco-fiber cleaning cloths for you to change. We recommend dry cleaning first, then wet cleaning with a fresh pair of cloths.



6 Pairs



Visual representation of the robot's four key safety features, including strong suction and fall prevention mechanisms.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- SUNSMAI Window Cleaning Robot
- Remote Control
- Power Adapter

- AC Power Cord
- 5.5-meter Extension Cable
- Safety Rope
- 6 Pairs (12 pieces) of Microfiber Cleaning Cloths
- User Manual

4. SETUP

4.1 Power Connection

1. Connect the power adapter to the robot's power input port.
2. Plug the AC power cord into the power adapter, then into a standard 110V wall outlet.
3. For larger windows or extended reach, use the provided 5.5-meter extension cable between the power adapter and the robot.



Illustration of the robot's power connection and the use of the 5.5-meter extension cable for increased reach.

4.2 Water Tank Filling

1. Locate the water tank cap on the robot.
2. Carefully open the cap and fill the 40ml tank with clean water.
3. Securely close the cap. *Note: It is normal to find some residual water in the tank before initial use, as this helps protect internal components during storage.*

Intelligent Electric Control Water Tank

There Are Two Water Outlet Methods, You Can Choose Between Manual Water Spraying Mode Or Automatic Water Spraying



Detail of the robot's 40ml water tank and its intelligent electric control water spray system.

4.3 Attaching Cleaning Cloths

1. Ensure the robot is powered off.
2. Attach two clean microfiber cloths to the rotating pads on the underside of the robot. Ensure they are securely fastened.

4 Safety Guarantees



2800pa strong suction power



Uninterruptible power supply system



Extended strong safety rope



Edge collision fall prevention

The eco-fiber microfiber cleaning cloths, provided in 6 pairs, designed for easy attachment and effective cleaning.

5. OPERATING INSTRUCTIONS

5.1 Initial Cleaning (Dry Pass)

For optimal results, especially on heavily soiled windows, perform a dry cleaning pass first to remove loose dust and debris.

1. Attach dry, clean microfiber cloths to the robot.
2. Place the robot on the window surface.
3. Turn off the auto-mist function (if active) via the remote or app.
4. Start the cleaning cycle. The robot will navigate and pick up dust.

Intelligent Electric Control Water Tank

There Are Two Water Outlet Methods, You Can Choose Between Manual Water Spraying Mode Or Automatic Water Spraying.

40ML
water tank

Two water
outlet modes

1 m²/4min

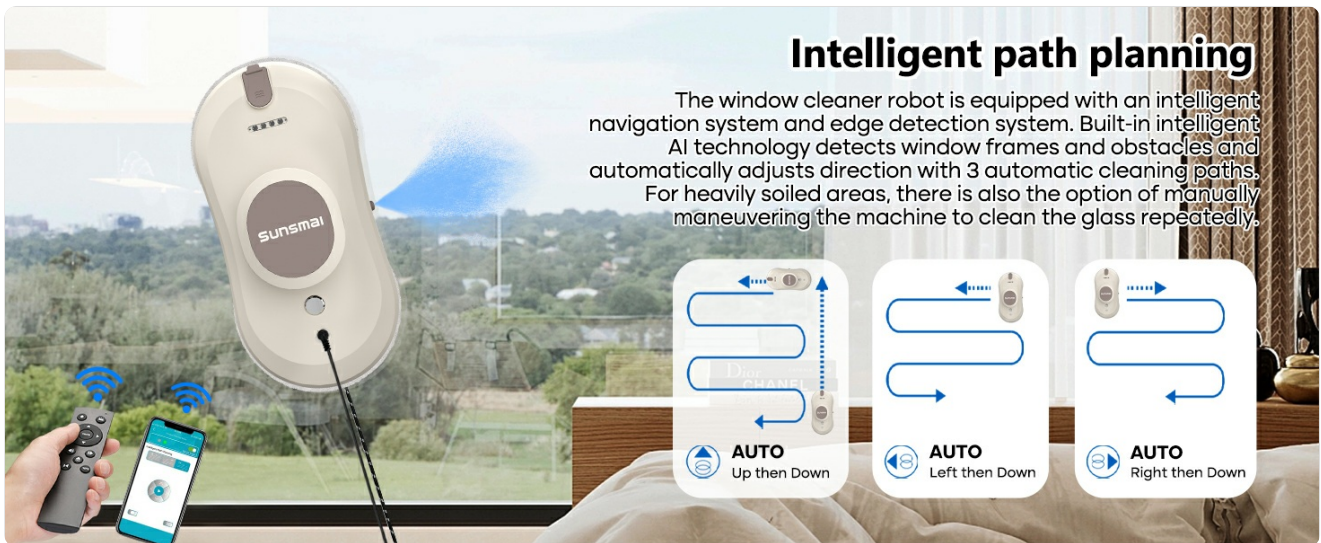


It is recommended to perform a dry pass first to remove dust before wet cleaning.

5.2 Wet Cleaning (Second Pass)

After the dry pass, or for general cleaning, proceed with wet cleaning:

1. Replace the dry cloths with a fresh pair of clean, slightly damp microfiber cloths (dampened with water only).
2. Ensure the water tank is filled with clean water.
3. Activate the automatic water spray mode via the remote or app, or use manual spray as needed.
4. Start the cleaning cycle. The robot will spray water and clean the surface.



After the dry pass, replace cloths and activate automatic spray for effective wet cleaning.

5.3 Intelligent Path Planning 3.0

The robot utilizes Intelligent Path Planning 3.0 to efficiently cover surfaces. It automatically detects frames and obstacles and adjusts its route using three effective patterns:

- **From Top to Bottom:** Ideal for general cleaning.
- **From Top to Left:** Useful for specific window layouts.
- **From Top to Right:** Another directional option for comprehensive coverage.

For persistent dirt, you can switch to manual mode for focused re-cleaning of specific spots.

Intelligent path planning

Mobile App+Remote Control



The robot's intelligent path planning system, showing its three distinct cleaning patterns for thorough coverage.

5.4 Control Methods

The robot can be controlled via:

- **Remote Control:** Use the included remote to start/stop, change modes, and manually direct the robot.
- **Mobile App Control:** Download the dedicated mobile app to control the robot from your smartphone, offering enhanced convenience and settings adjustments.

For Easier Window Cleaning

SUNSMAL helps save time, letting you cut down on chore time—so you can focus on your day



The robot offers flexible control options via both a physical remote and a mobile application for user convenience.

5.5 Applicable Surfaces

The SUNSMAL Window Cleaning Robot is versatile and suitable for various smooth surfaces, including:

- High-rise glass windows
- Bathroom mirrors and glass enclosures
- Sunshine room glass panels
- Other smooth, vertical surfaces

One Machine for Multiple Uses

2800Pa Suction Power Suitable for Wiping Various Surfaces



High-rise glass

Bathroom

Sunshine room



The robot's versatility allows it to clean various surfaces, including high-rise windows, bathroom glass, and sunshine room panels.

6. MAINTENANCE

6.1 Cleaning Microfiber Cloths

The included microfiber cloths are reusable and easy to clean:

- After each use, remove the cloths from the robot.
- Wash them by hand with mild soap and water, or machine wash them on a gentle cycle.
- Air dry completely before reattaching them to the robot for the next cleaning session.

6.2 Storing the Robot

When not in use, store the robot in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the water tank is empty before long-term storage.

7. TROUBLESHOOTING

If you encounter issues with your SUNSMAI Window Cleaning Robot, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Robot not sticking to glass / Falling off	Insufficient suction; dirty glass; power interruption.	Ensure power cord is securely connected. Clean the glass surface before use. Check for obstructions on the suction pads. Ensure the safety rope is attached.
Leaves streaks on windows	Overly dirty windows; cloths are too wet or dirty; incorrect cleaning solution.	Perform a dry cleaning pass first. Use clean, slightly damp cloths. Only use clean water in the tank. Do not add detergents to the tank.
Robot not turning on	No power; power button not pressed correctly.	Check power connection to outlet and robot. Press and hold the power button until the robot activates.
Robot not moving or stuck	Obstruction; edge detection issue; low battery (emergency).	Clear any obstructions. Reposition the robot. Ensure continuous power supply. If stuck at an edge, manually guide it away.

8. SPECIFICATIONS

Detailed technical specifications for the SUNSMAI Window Cleaning Robot:

Feature	Detail
Brand	SUNSMAL
Model Name	W11
Item Model Number	S60-9B Beige
Special Feature	LED Charging Indicator Light
Color	Beige
Product Dimensions	11.41"L x 5.71"W x 4.52"H
Included Components	Battery
Filter Type	Sponge
Battery Life (Emergency)	30 minutes
Voltage	110 Volts
Water Tank Capacity	40 Milliliters
Power Source	Corded Electric
Control Method	App, Remote
Form Factor	Round
Item Weight	5.13 pounds
Batteries Required	1 Lithium Ion (included)

Robot Parameters

SUNSMAL Intelligent Water Spray Window Cleaning Machine



Physical dimensions of the SUNSMAL Intelligent Water Spray Window Cleaning Machine.

9. WARRANTY AND SUPPORT

Your SUNSMAL product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the product packaging or contact customer support.

If you have any questions about your product, require technical assistance, or need to address any issues, please reach out to us via the following path:

- Your Account > Orders > Order Detail
- Sold by: Easylife US - Ask a question

We offer 12-hour swift help and 24/7 support to ensure your satisfaction.

SUNSMAl ASSISTANCE

How to reach us ? 

If you have any questions about our product,
please tell us via the following path:

Account -Orders -Order Detail
Sold by: Easylife US - Ask a question

12 Hrs
Swift Help

24/7
Support

Contact information for SUNSMAl customer assistance, highlighting swift help and 24/7 support.