

HUTT C7

HUTT C7 Intelligent Robot Window Cleaner User Manual

Model: C7 (HUT001 / DDC55)

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your HUTT C7 Intelligent Robot Window Cleaner. Please read it thoroughly before using the device and retain it for future reference. The HUTT C7 window cleaning robot is an ideal solution for effortlessly clean windows. Featuring powerful 6000 Pa suction, it adheres firmly to surfaces, effectively removing dust, fingerprints, and stubborn dirt. Its advanced artificial intelligence analyzes and plans the cleaning path automatically, ensuring complete, streak-free coverage. It can be conveniently controlled via a smartphone app or remote control. Equipped with anti-fall sensors, a safety rope, and edge detection, it ensures safe operation even on large bay windows. Thanks to its slim and lightweight design, the C7 easily reaches difficult corners, making it suitable for windows, mirrors, shower enclosures, and smooth vertical surfaces. Whether for home or office use, the HUTT C7 frees you from manual cleaning, leaving your surfaces sparkling in minutes.

2. SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage, always follow these safety guidelines:

- Ensure the safety rope is securely fastened before each use, especially when cleaning high windows.
- Do not use the robot on cracked or damaged glass surfaces.
- Keep hands, hair, and loose clothing away from moving parts.
- Do not operate the robot in rainy or extremely humid conditions.
- Use only the original power adapter and accessories provided by HUTT.
- Keep the device out of reach of children and pets.
- Do not immerse the robot in water or any other liquid.
- If the device malfunctions, discontinue use immediately and contact customer support.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- HUTT C7 Robot Window Cleaner

- Power Adapter
- Remote Control
- Safety Rope
- Microfiber Cleaning Pads (2 replacement pads included)
- User Manual

4. PRODUCT OVERVIEW



Figure 1: HUTT C7 Robot Window Cleaner. This image displays the top-down view of the white and grey robot, highlighting its integrated water tank, suction vents, and the circular cleaning pads on its underside.

Key Components:

- **Main Body:** Houses the motor, sensors, and control unit.
- **Water Tank:** For holding cleaning solution.
- **Cleaning Pads:** Removable microfiber pads for scrubbing and polishing.
- **Suction Vents:** Generate powerful suction to adhere to surfaces.
- **Power Button/Indicator:** For turning the device on/off and displaying status.

- **Safety Rope Attachment Point:** For securing the safety rope.
- **Edge Detection Sensors:** Prevent the robot from falling off edges.

5. SETUP

1. **Charge the Battery:** Before first use, fully charge the robot's internal battery using the provided power adapter. The indicator light will change when charging is complete.
2. **Attach Cleaning Pads:** Securely attach the microfiber cleaning pads to the designated areas on the underside of the robot. Ensure they are clean and dry.
3. **Fill Water Tank:** Open the water tank cap and fill it with clean water or a recommended window cleaning solution. Do not overfill.
4. **Connect Safety Rope:** Attach one end of the safety rope to the robot's safety rope attachment point and the other end to a sturdy anchor point indoors, such as a heavy piece of furniture or a window frame. This is crucial for safety, especially when cleaning exterior windows.
5. **Power Connection:** Connect the power adapter to the robot and then plug it into a power outlet. The robot requires continuous power during operation. The internal battery serves as a backup in case of power loss.

6. OPERATING INSTRUCTIONS

6.1 Starting a Cleaning Cycle

1. Ensure the window surface is free from large debris that could scratch the glass or damage the robot.
2. Place the robot on the window surface, approximately 10 cm (4 inches) from the edge.
3. Press the power button on the robot or the remote control to activate suction. The robot will adhere to the glass.
4. Once securely attached, press the "Start" button on the remote control or initiate cleaning via the smartphone app. The robot will automatically detect the window size and plan its cleaning path.
5. The robot will spray cleaning solution and move across the surface, cleaning as it goes.
6. Upon completion, the robot will return to its starting position and emit an audible alert.

6.2 Using the Remote Control

The remote control allows for manual operation and selection of cleaning modes:

- **Power On/Off:** Activates/deactivates suction.
- **Start/Pause:** Begins or pauses the automatic cleaning cycle.
- **Directional Arrows:** Manually control the robot's movement (up, down, left, right).
- **Cleaning Modes:** Select different cleaning patterns (e.g., Z-path, N-path, spot cleaning). Refer to the remote control diagram in the full manual for specific button functions.

6.3 Using the Smartphone App

Download the official HUTT app from your device's app store. Follow the in-app instructions to pair your robot. The app offers advanced features including:

- Remote start/stop/pause.
- Real-time cleaning progress monitoring.

- Manual control.
- Firmware updates.
- Custom cleaning area settings.

6.4 Removing the Robot

After cleaning is complete or if you need to stop the robot:

1. Ensure the robot has returned to its starting position or is within easy reach.
2. Hold the robot firmly with one hand.
3. Press and hold the power button on the robot or the remote control until the suction releases.
4. Carefully remove the robot from the surface.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your HUTT C7.

7.1 Cleaning Pads

- Remove the microfiber cleaning pads after each use.
- Wash them with mild detergent and water. They can typically be machine washed.
- Allow them to air dry completely before reattaching or storing.
- Replace worn or damaged pads with new ones (2 replacement pads are included).

7.2 Water Tank

- Empty any remaining cleaning solution from the water tank after each use.
- Rinse the tank with clean water to prevent residue buildup.
- Ensure the tank is dry before storage.

7.3 Robot Body and Sensors

- Wipe the robot's exterior with a soft, damp cloth.
- Periodically clean the edge detection sensors and suction vents with a dry, soft cloth to ensure proper function.
- Do not use abrasive cleaners or solvents.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Robot does not adhere to glass.	Insufficient suction; surface too dirty or wet; power issue.	Ensure power adapter is connected. Clean the glass surface of large debris. Check suction vents for blockages. Ensure cleaning pads are not excessively wet.
Robot leaves streaks.	Dirty cleaning pads; incorrect cleaning solution; insufficient water.	Clean or replace cleaning pads. Use appropriate window cleaning solution or clean water. Ensure water tank is filled.

Problem	Possible Cause	Solution
Robot falls off the window.	Safety rope not attached; edge sensors dirty or malfunctioning; power loss.	Immediately ensure safety rope is attached. Clean edge sensors. Check power connection. If power is lost, the internal battery should provide backup suction for a short period.
Remote control or app not responding.	Low battery in remote; robot not paired; interference.	Replace remote control batteries. Re-pair the robot with the app. Move closer to the robot.

If the problem persists after attempting these solutions, please contact HUTT customer support.


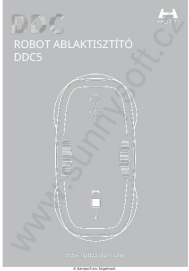



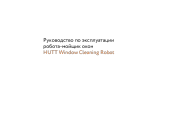
9. SPECIFICATIONS

Feature	Detail
Brand	HUTT
Model Number	HUT001 (also DDC55)
Product Dimensions (L x W x H)	29 x 28 x 17 cm (11.4 x 11 x 6.7 inches)
Item Weight	3 Kilograms (6.6 lbs)
Suction Power	6000 Pa
Power Source	Battery Powered (requires continuous AC power during operation)
Battery Type	1 x 12V battery (included)
Control Method	Application, Remote Control
Surface Recommendation	Glass, smooth vertical surfaces
Included Components	HUTT C7 Robot, Power Adapter, Remote Control, Safety Rope, 2 Replacement Microfiber Cloths
Form Factor	Rectangle

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official HUTT website or contact your retailer. Keep your purchase receipt as proof of purchase.

Note: Spare parts availability information is not provided in the product details.

	<p>HUTT DDC Window Cleaning Robot: User Manual and Warranty Information</p> <p>Comprehensive user manual for the HUTT DDC Window Cleaning Robot, covering product features, installation, operation, maintenance, troubleshooting, and safety precautions. Includes warranty information.</p>
	<p>HUTT DDC5 Robot Window Cleaner User Manual</p> <p>Comprehensive user manual for the HUTT DDC5 Robot Window Cleaner, covering installation, operation, safety precautions, troubleshooting, and technical specifications. Learn how to effectively clean your windows with this automated device.</p>
	<p>HUTT DDC Window Cleaning Robot Product Manual and Warranty Card</p> <p>This product manual and warranty card provides detailed instructions for the HUTT DDC Window Cleaning Robot, covering product profile, accessories, installation, operation, path planning, LED indicators, remote control functions, basic parameters, troubleshooting, and safety precautions.</p>
	<p>HUTT W8 Window Cleaning Robot User Manual - Operation, Safety, and Troubleshooting</p> <p>Comprehensive user manual for the HUTT W8 Window Cleaning Robot. Learn about product features, installation, operation, maintenance, safety precautions, troubleshooting, and technical specifications.</p>
	<p>HUTT WGS Window Cleaning Robot Product Manual & Warranty Card</p> <p>Comprehensive user manual and warranty information for the HUTT WGS Window Cleaning Robot. Learn about product features, installation, operation, maintenance, and troubleshooting.</p>
	<p>HUTT Window Cleaning Robot W66 User Manual and Operating Guide</p> <p>Comprehensive user manual for the HUTT Window Cleaning Robot W66, covering product overview, usage instructions, troubleshooting, technical specifications, and safety precautions.</p>