

HUTT DDC55

HUTT DDC55 Window Cleaner Robot Instruction Manual

Model: DDC55 | Brand: HUTT

1. INTRODUCTION

Thank you for choosing the HUTT DDC55 Window Cleaner Robot. This intelligent device is designed to simplify window cleaning, offering powerful suction and smart navigation for various smooth surfaces. Please read this manual thoroughly before operating the device to ensure safe and efficient use.

2. IMPORTANT SAFETY INFORMATION

- Always connect the provided 5-meter professional climbing safety rope to the robot and secure it to a stable anchor point to prevent accidents in case of suction loss.
- The robot is designed to maintain suction for 20 to 30 minutes and sound an alarm in the event of an unexpected power failure. Do not attempt to remove the robot during a power outage until it has been safely retrieved.
- Ensure cleaning cloths are **wrung dry** before attachment. If the fiber mops are too wet, the robot may slip, compromising its cleaning performance and safety.
- For optimal performance and safety, it is recommended to perform daily maintenance cleaning. If windows have not been cleaned for an extended period, a manual pre-cleaning may be necessary before using the robot to remove heavy dirt accumulation.
- Do not use the robot on cracked, damaged, or uneven surfaces.
- Keep hands, hair, and loose clothing away from moving parts.
- This appliance is for household use only. Do not use outdoors in adverse weather conditions (rain, strong winds).

3. PACKAGE CONTENTS

Please check the box for the following items:

- HUTT DDC55 Window Cleaner Robot
- Remote Control
- Power Adapter and Cable
- Safety Rope (5 meters)
- Microfiber Cleaning Cloths (12 pieces)
- User Manual (this document)

4. PRODUCT OVERVIEW

The HUTT DDC55 is equipped with advanced features for efficient window cleaning.



Figure 4.1: HUTT DDC55 Window Cleaner Robot and Accessories. This image displays the main robot unit, the remote control, and a stack of microfiber cleaning cloths, illustrating the complete package.

Key Features:

- **AI Navigation:** Built-in AI chip intelligently identifies window frames and obstacles, ensuring comprehensive cleaning coverage.
- **3800Pa Strong Suction:** The robot automatically detects dirt levels and adjusts suction power for effective cleaning, especially on heavily soiled glass.
- **Automatic Path Recognition & Obstacle Avoidance:** The robot plans its cleaning path efficiently and avoids obstructions.
- **Automatic Suction Adjustment:** Suction power adapts based on the type of dirt or surface, from rain stains to oil stains, ensuring optimal adhesion and cleaning.
- **Powerful Mop Twisting:** Two microfiber mops rotate continuously, pushing dirt towards the central intake hood for thorough

cleaning.

Japan NIDEC Motor

Imported brushless motor.Careful noise reduction design



3800Pa

Vacuum double frequency conversion
high suction

7.0KG

Vertical weighing

By HUTT Lab

During the actual use of the product
wind pressure in super mode is about
3800Pa

Figure 4.2: Powerful Suction and Motor. This diagram illustrates the 3800Pa vacuum double frequency conversion high suction and 7.0KG vertical weighing capability, powered by a Japan NIDEC Motor with noise reduction design.

Automatic Path Recognition, Flexible Obstacle Avoidance

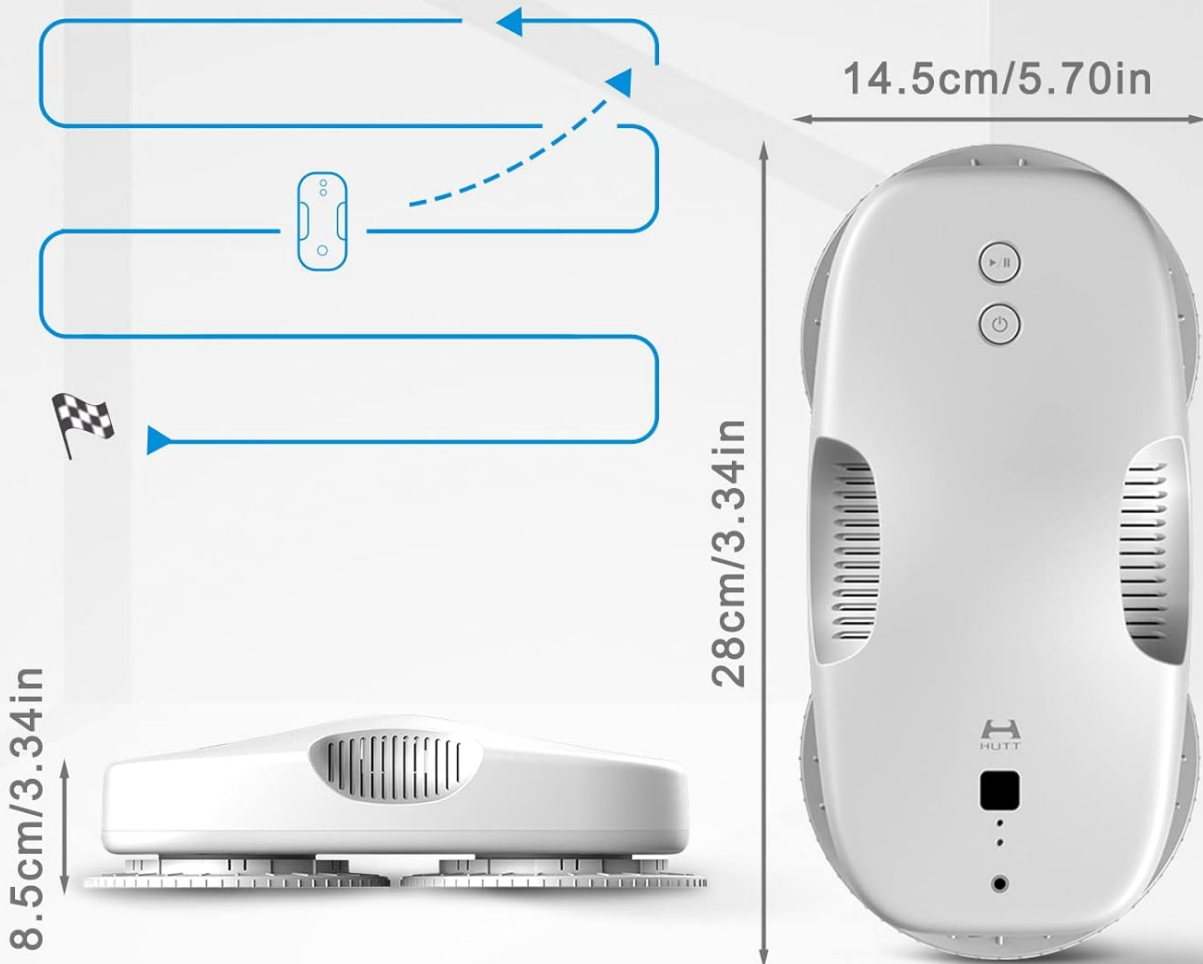


Figure 4.3: Intelligent Path Planning. This image shows the robot's dimensions and a visual representation of its automatic path recognition and flexible obstacle avoidance system, demonstrating its efficient cleaning pattern.

Can Automatically Adjust Suction According to Different Stolen Goods

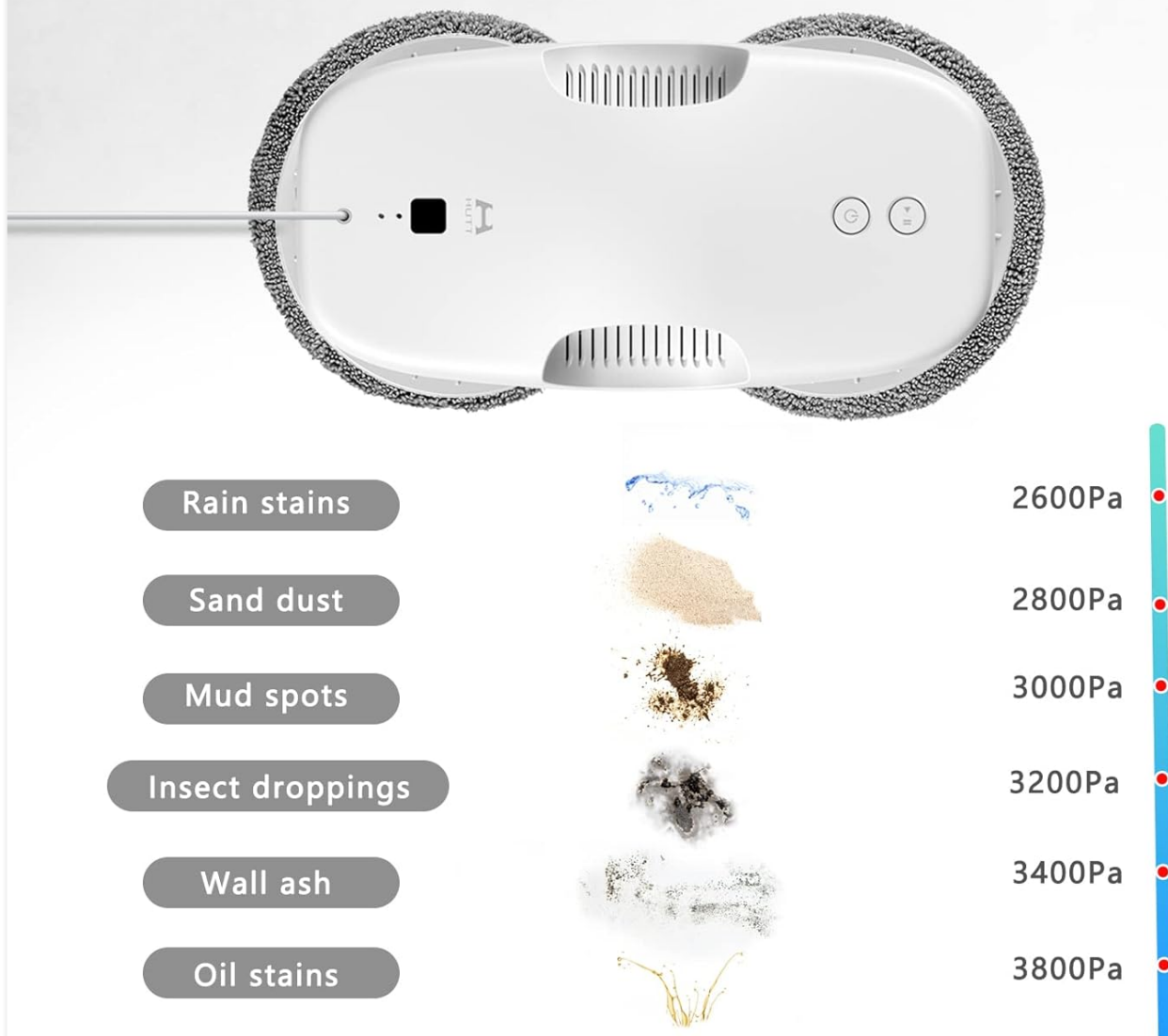


Figure 4.4: Adaptive Suction Power. This graphic illustrates how the HUTT DDC55 automatically adjusts its suction power (from 2600Pa to 3800Pa) based on the type of dirt encountered, such as rain stains, sand dust, mud spots, insect droppings, wall ash, and oil stains.

5. SETUP GUIDE

Follow these steps for initial setup before operating your HUTT DDC55.

1. **Prepare Cleaning Cloths:** Wet a microfiber cleaning cloth and wring it thoroughly until it is only damp, not dripping wet. Excessively wet cloths can cause the robot to slip.
2. **Attach Cloths:** Securely place the prepared cleaning cloth over the designated cleaning pads on the underside of the robot.
3. **Connect Safety Rope:** Attach the safety rope to the robot's safety rope attachment point. Secure the other end of the safety rope to a sturdy, immovable object indoors, such as a heavy piece of furniture or a window frame anchor.
4. **Connect Power Supply:** Plug the power adapter into the robot and then into a wall outlet. The robot requires continuous power during operation; the internal battery is for backup during power interruptions.
5. **Power On:** Place the robot on the window surface you wish to clean. Press the power button on the robot or the remote

control to turn on the machine. Ensure the robot adheres firmly to the surface before releasing it.



Figure 5.1: Step-by-Step Setup. This visual guide demonstrates the five essential steps for preparing the HUTT DDC55 for operation: wetting and wringing the cloth, attaching it to the robot, securing the safety rope, plugging in the power supply, and finally, turning on the machine.

6. OPERATING INSTRUCTIONS

6.1 Cleaning Process

For best results, follow these two cleaning steps:

1. **Step 1: Dry Cleaning (Dust Removal):** Attach dry fiber mops to the robot. Place the robot on the window and initiate a cleaning cycle to remove loose dust and larger particles. This prevents smearing during the wet cleaning phase.
2. **Step 2: Wet Cleaning (Deep Clean):** Replace the dry mops with freshly wringed wet fiber mops. Initiate another cleaning cycle. The robot will now perform a deeper clean, removing stubborn dirt and leaving surfaces sparkling.

The HUTT DDC55 is suitable for cleaning windows, mirrors, shower screens, wooden doors, tiles, and other smooth surfaces.

6.2 Cleaning Modes

The robot offers three cleaning modes, selectable via the remote control:

- **Left to Right:** The robot cleans horizontally from left to right across the surface.
- **Right to Left:** The robot cleans horizontally from right to left across the surface.
- **Spot Cleaning:** For concentrated cleaning of a specific area.

Upon completion of its cleaning cycle, the HUTT window cleaner robot will automatically return to its initial starting position.



Figure 6.1: Remote Control Operation. This image shows a hand holding the remote control, demonstrating how easily glass cleaning can be initiated and managed. The robot stops automatically once its work is complete.



Figure 6.2: Automated Cleaning Advantage. This image highlights the convenience of the HUTT DDC55 by contrasting it with traditional, more laborious manual window cleaning methods, which are shown crossed out.

7. MAINTENANCE

7.1 Cleaning Microfiber Mops

The microfiber mops can be easily removed from the robot and are machine washable. For best results, wash them regularly to maintain their cleaning effectiveness.

7.2 General Care

- Wipe the robot's body with a soft, dry cloth after each use to remove any dust or residue.
- Store the robot and its accessories in a cool, dry place away from direct sunlight when not in use.
- Ensure the power cable is not tangled or damaged during storage.

8. TROUBLESHOOTING

If you encounter issues with your HUTT DDC55, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot slips or does not adhere properly.	Cleaning cloths are too wet. Surface is too dirty or uneven.	Ensure cleaning cloths are wrung dry. Pre-clean heavily soiled windows manually. Ensure surface is smooth and intact.
Streaks or rings are left on the window.	Cloths are dirty or too wet. Residual dirt from initial placement/removal.	Use clean, damp (not wet) cloths. Perform a dry cleaning pass first. Wipe off any marks left at the robot's start/end point manually.
Corners or edges are not fully cleaned.	Robot's design limits reach into sharp corners.	This is a design limitation. Manual touch-up may be required for extreme corners or very narrow frames.
Robot stops unexpectedly or gets stuck in a wobble pattern.	Temporary software confusion or minor obstruction.	Press "Pause" on the remote, then select a new direction or "Play" to resume. Monitor the robot during operation, especially on complex window layouts.
Robot does not operate on battery power.	The internal battery is for backup only.	The robot requires continuous power from the wall outlet for normal operation. The battery provides suction backup during power interruptions to prevent falling.

9. SPECIFICATIONS

Feature	Detail
Brand	HUTT
Model Number	DDC55
Special Feature	Wet and Dry Cleaning
Color	DDC55 (White)
Included Components	Remote Control, Power Adapter, Safety Rope, Microfiber Cloths
Filter Type	Cloth
Battery Life (Backup)	Approximately 30 Minutes (for suction backup during power failure)
Power Source	Battery Powered (Backup), AC Powered (Main Operation)
Form Factor	Robotic
UPC	635998869706
Item Weight	2 kg 410 g

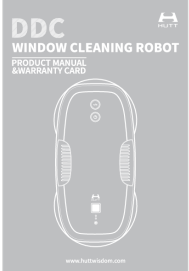
10. WARRANTY AND SUPPORT

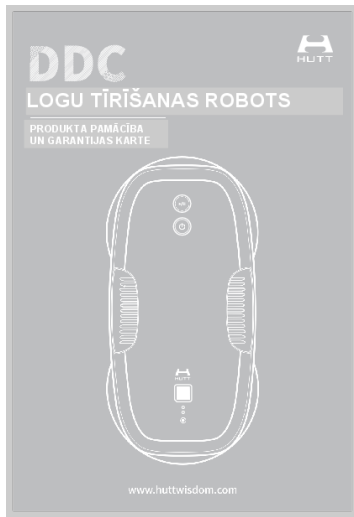
For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official HUTT website. Keep your proof of purchase for any warranty claims.



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Related Documents

	HUTT DDC Window Cleaning Robot: User Manual and Warranty Information Comprehensive user manual for the HUTT DDC Window Cleaning Robot, covering product features, installation, operation, maintenance, troubleshooting, and safety precautions. Includes warranty information.
	HUTT DDC Window Cleaning Robot Product Manual and Warranty Card 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.
	HUTT Window Cleaning Robot W66 User Manual and Operating Guide Comprehensive user manual for the HUTT Window Cleaning Robot W66, covering product overview, usage instructions, troubleshooting, technical specifications, and safety precautions.
	HUTT WGS Window Cleaning Robot Product Manual & Warranty Card Comprehensive user manual and warranty information for the HUTT WGS Window Cleaning Robot. Learn about product features, installation, operation, maintenance, and troubleshooting.



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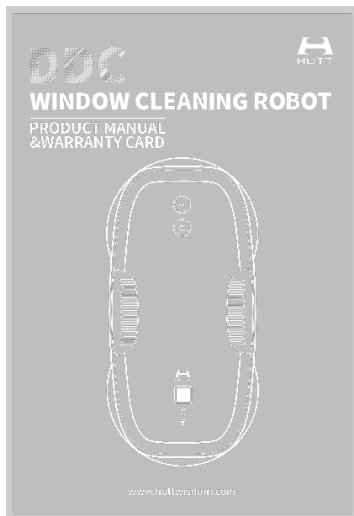
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Děkujeme, že jste si vybrali Robot na mytí oken HUTT. Před použitím si pozorně přečtěte tento návod, abyste ... nyní dle, je nutné mezi každými dvěma pokazy stisknout tlačítko Pauza. 8 Základní parametry Model c. DDC5/**DDC55** Jmenovitý napětí 24V Jmenovitý výkon Decibel hluku 90W =65db Velikost 290*135*85 cm Nabíjecí p...

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User Manual Instructions Troubleshooting Guide Parts List

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HUTT Window Cleaning Robot Product Manual <http://us.huttwisdom.com> - HUTT ,

Model Rated Power Size Power-off Protection Battery Capacity Variable Frequency Suction Range DDC5/**DDC55** 90W 29*13.5*8.5cm 650mAh 2000-3800Pa Rated Voltage Noise Charging Current Power-off Protection...

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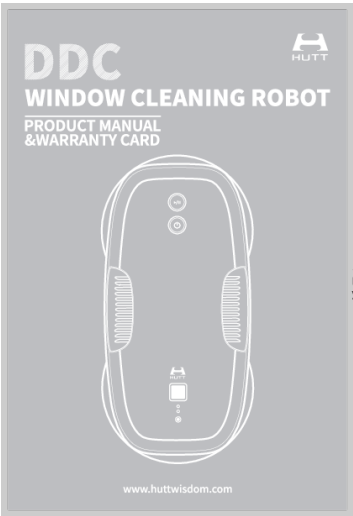
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[HUTT DDC Window Cleaning Robot Product Manual and Warranty Card](#)

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.

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