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DREAME Aqua10 Ultra Roller

DREAME Aqua10 Ultra Roller Robot Vacuum and Mop User Manual

Model: Aqua10 Ultra Roller (RLH71DE)

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your DREAME Aqua10 Ultra Roller Robot Vacuum and Mop. Please read this manual thoroughly before operating the device and retain it for future reference. This advanced cleaning system is designed to vacuum and mop your floors, offering features such as self-cleaning, obstacle avoidance, and voice control.

2. SAFETY INFORMATION

Always adhere to basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury.

- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children should be supervised to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Do not use the robot in environments with open flames or fragile objects.
- Ensure the charging dock is placed on a stable, level surface.
- Do not expose the robot or its battery to extreme temperatures.
- Only use the original power adapter and accessories provided by DREAME.
- Before cleaning or performing maintenance, ensure the robot is powered off and disconnected from the charging dock.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package. If any components are missing or damaged, contact customer support.



Robot Vacuum x1



Base Station x1



Cleaning Tool x1



Base Station Ramp
Extension Plate x1



Mop Assembly
(pre-installed x1)



Dust Bag x2
(pre-installed x1)



Washboard
(pre-installed x1)



User Manual x1



Auto Solution Dispenser
Module-Dual Compartments
(pre-installed x1)



Cleaning Solution x1



Pet Odor Solution x1

What's in the Box

Image: All items included in the DREAME Aqua10 Ultra Roller Robot Vacuum and Mop package.

- Robot Vacuum (x1)
- Base Station (x1)
- Cleaning Tool (x1)
- Base Station Ramp Extension Plate (x1)
- Dust Bag (pre-installed x1, spare x1)
- User Manual (x1)
- Mop Assembly (pre-installed x1)
- Washboard (pre-installed x1)
- Cleaning Solution (x1)
- Pet Odor Solution (x1)
- Auto Solution Dispenser Module-Dual Compartments (pre-installed x1)

4. PRODUCT OVERVIEW

The DREAME Aqua10 Ultra Roller Robot Vacuum and Mop integrates advanced technologies for comprehensive floor cleaning.

4.1 Key Features

- **AquaRoll Tech:** Continuously sprays clean water onto the roller mop and collects dirty water, ensuring floors are cleaned with fresh water.
- **FluffRoll Tech:** A module behind the roller spins in the opposite direction faster than the roller, keeping the roller clean and enhancing performance on floor seams.
- **AutoSeal Roller Guard:** Automatically closes when entering carpets, preventing dampening and odors. The chassis lifts to 0.55 inches for carpet protection.
- **FlexRise Air Suspension:** Tackles obstacles up to 3.15 inches, such as thresholds and rugs, adapting to various floor types.
- **30,000Pa Vormax Suction:** Provides powerful and quiet debris cleanup.
- **HyperStream Detangling DuoBrush:** Designed to detangle 100% of hair, preventing clogged rollers.
- **OmniSight System 2.0:** Utilizes an auto-retracting LDS sensor and binocular navigation to identify and avoid over 240 objects, preventing accidents.
- **All-in-One PowerDock:** Features auto-emptying for up to 100 days, deep-cleans the roller at 212°F, hot-air dries it, and refills water and cleaning solution.
- **Voice Control:** Allows customized cleanup commands by saying, "OK Dreame."
- **Connectivity:** Supports 2.4G WiFi only.

4.2 Visual Components



Image: The DREAME Aqua10 Ultra Roller Robot Vacuum and Mop, shown with its self-cleaning base station and a smartphone displaying the control application.



*260mm: Based on our in-house lab data.

Dreame AquaRoll Tech: Mopping Reimagined

Image: An illustration of the DREAME AquaRoll technology, highlighting its continuous clean water spray, dirty water collection, 260mm roller length, and FluffRoll Tech design for effective mopping.

AutoSeal Roller Guard Carpet Protection



0%*

Wetting & Staining
Carpet Cleaning



*0%: Based on our in-house lab data. Actual performance may vary.

Wet-Dry Separation for Carpets

Image: The DREAME robot vacuum showcasing its AutoSeal roller guard, which automatically closes to prevent wetting and staining of carpets during mopping operations.

100%*

Large Particle Pickup

0%*

Hair Tangles



Detangling DuoBrush

*30,000Pa, 100%, 0%: Based on our in-house lab data. Actual performance may vary.

Vacuuming Without Tangling

Image: An image highlighting the DREAME robot vacuum's 30,000Pa Vormax suction power and the HyperStream Detangling DuoBrush, designed for efficient debris pickup and 100% hair detangling.



240+*
Objects Recognition



Active Pet Avoidance



Play Zone Navigation



Smooth Routing

*240+ objects: Based on our in-house lab data. Actual performance may vary.
*OTA: Available through an upcoming OTA update. Please stay tuned.

NVIDIA-Powered Obstacle Intelligence via RL Training

Image: The DREAME robot vacuum utilizing its NVIDIA-Powered Obstacle Intelligence to recognize and avoid over 240 objects, ensuring smooth navigation and preventing collisions.

World's 1st Robotic Retractable Legs* Frost & Sullivan Certified

3.15in* Double-Layer Thresholds



ProLeap System
1.65in* Single-Layer Step Clearing



Triple-Wheel AgiLift Chassis
1.18in* Carpets

*Tread pattern of the drive wheels may vary due to batch differences. Please refer to the actual item received.
*3.15in, 1.57in, 1.65in: 3.15in refers to the double-layer step's height where the top surface of the lower step is over 3.15in wide. The maximum height for a single step is 1.65in. Based on our in-house lab data.
*World's 1st robotic retractable legs: Frost & Sullivan confirmed this based on global robotic vacuum market research. The robotic retractable legs are a dual-joint swing-arm system that simulates the coordinated movement of the human thigh and calf, allowing the robot to overcome obstacles easily. Survey completed in December 2024.

Access Denied? Think Again

Image: The DREAME robot vacuum featuring its FlexRise air suspension system and retractable legs, enabling it to tackle obstacles like thresholds and rugs up to 3.15 inches high.

Detangling SideReach Vacuuming

100%*
Edge and Corner Coverage

Roller Mop Extending

1.75in*



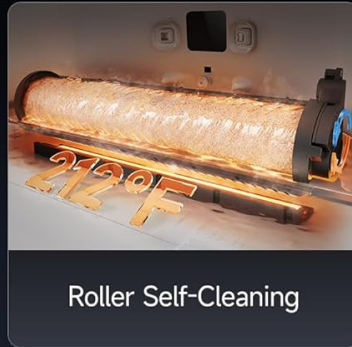
StereoEdge Obstacle Avoidance Technology



*1.75in: Based on our in-house lab data. Actual performance may vary.
*100%: Certified by TÜV SÜD. Actual performance may vary.

Doesn't Cut Corners

Image: The DREAME robot vacuum illustrating its extending roller mop and StereoEdge Obstacle Avoidance Technology, ensuring 100% coverage for edge and corner cleaning.



*212°F: Temperatures above the washboard's PTC system can reach 212°F after heating under ambient room temperature conditions (around 73.4°F), based on our in-house lab data. Actual temperature may vary.

All-in-One Base Station

Image: A visual breakdown of the DREAME All-in-One Base Station's capabilities, such as dirt detection for re-washing, roller self-cleaning at 212°F, 158°F hot air roller drying, 122°F dust bag auto-drying, 100-day hands-free emptying, and automatic water tank refilling.

5. SETUP

5.1 Unpacking

1. Carefully remove all components from the packaging.
2. Remove all protective films and stickers from the robot and base station.
3. Ensure all package contents are present as listed in Section 3.

5.2 Base Station Placement

- Place the base station against a wall in an open area with good Wi-Fi signal.
- Ensure there is at least 0.5 meters (1.6 feet) of clear space on both sides and 1.5 meters (4.9 feet) in front of the base station.
- Connect the power cord to the base station and plug it into a power outlet.
- Install the base station ramp extension plate if needed for easier robot access.

5.3 Robot Preparation

1. Open the robot's top cover and ensure the dustbin and filter are correctly installed.
2. Place the robot on the base station to charge. The robot will automatically turn on.
3. Allow the robot to fully charge before its first use.

5.4 App Installation and Connection

1. Download the DREAME Home app from your mobile app store.
2. Create an account and log in.
3. Follow the in-app instructions to add your DREAME Aqua10 Ultra Roller. Ensure your phone is connected to a 2.4GHz Wi-Fi network during the pairing process.
4. Once connected, you can access mapping, cleaning modes, scheduling, and other advanced features.

6. OPERATION

6.1 Starting a Clean

- **Via Robot:** Press the power button on the robot once to start a full cleaning cycle. Press again to pause.
- **Via App:** Open the DREAME Home app, select your robot, and tap 'Start Cleaning'. You can choose specific rooms or zones.

6.2 Cleaning Modes

The robot supports various cleaning modes configurable through the app:

- **Vacuum Only:** For dry debris collection.
- **Mop Only:** For wet cleaning with the roller mop.
- **Vacuum & Mop:** Simultaneous vacuuming and mopping.
- **Custom Cleaning:** Define specific areas or cleaning intensities.

6.3 Carpet Handling

The robot automatically detects carpets. When a carpet is detected:

- The AutoSeal roller guard closes to prevent the mop from wetting the carpet.
- The chassis lifts to 0.55 inches to avoid contact with the damp mop.
- Suction power may automatically increase for deeper carpet cleaning.

6.4 Obstacle Avoidance

The OmniSight System 2.0 and AI cameras enable the robot to identify and avoid obstacles. Ensure the cleaning path is clear of small objects, cables, and fragile items for optimal performance.

6.5 Voice Control

Integrate your robot with Amazon Echo or Google Home for voice commands. After linking your DREAME account in the respective smart home app, you can use commands like "OK Dreame, start cleaning" or "OK Dreame, clean the living room."

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your DREAME Aqua10 Ultra

Roller.

7.1 Robot Maintenance

- **Main Brush:** Remove the main brush cover and clean the brush. Use the cleaning tool to cut and remove tangled hair. Recommended cleaning: weekly.
- **Side Brush:** Check for tangled hair or debris. Remove and clean if necessary. Recommended cleaning: monthly.
- **Dustbin and Filter:** Remove the dustbin, empty its contents, and rinse it with water. Clean the filter by tapping it to remove dust. Allow to air dry completely before reinstallation. Recommended cleaning: after each use or as needed.
- **Sensors:** Wipe all sensors (cliff sensors, wall sensor, LDS sensor) with a soft, dry cloth. Recommended cleaning: monthly.
- **Charging Contacts:** Clean the charging contacts on both the robot and base station with a dry cloth. Recommended cleaning: monthly.

7.2 Base Station Maintenance

- **Clean Water Tank:** Refill with clean water and DREAME cleaning solution as needed.
- **Dirty Water Tank:** Empty and rinse the dirty water tank after each mopping cycle.
- **Dust Bag:** The PowerDock automatically empties the robot's dustbin into the dust bag. Replace the dust bag when the app indicates it is full (approximately every 100 days).
- **Washboard:** The washboard inside the base station is used for cleaning the roller mop. Periodically remove and rinse it to prevent buildup.
- **Roller Mop:** The base station performs automatic self-cleaning and hot-air drying of the roller mop. Ensure the washboard is clean for effective roller maintenance.

8. TROUBLESHOOTING

Refer to this section for solutions to common issues. If the problem persists, contact DREAME customer support.

Problem	Possible Cause	Solution
Robot does not turn on	Low battery; Power button not pressed correctly	Place robot on charging dock; Press and hold power button for 3 seconds
Robot cannot charge	Charging contacts dirty; Base station not powered	Clean charging contacts; Ensure base station is plugged in
Abnormal noise during operation	Main brush or side brush tangled; Foreign object in suction port	Clean main/side brush; Remove foreign objects
Poor cleaning performance	Dustbin full; Filter clogged; Roller mop dirty	Empty dustbin; Clean/replace filter; Ensure roller mop is clean
Robot gets stuck frequently	Too many obstacles; Sensors dirty	Clear cleaning path; Clean all sensors
App connection failed	Incorrect Wi-Fi password; Not 2.4GHz Wi-Fi; Robot too far from router	Verify password; Connect to 2.4GHz Wi-Fi; Move robot closer to router

9. SPECIFICATIONS

Detailed technical specifications for the DREAME Aqua10 Ultra Roller Robot Vacuum and Mop.

Feature	Specification
Brand	DREAME
Model Name	Aqua10 Ultra Roller
Model Number	RLH71DE
UPC	810142561921
Product Dimensions	20"L x 20"W x 23"H
Item Weight	39 pounds
Color	White
Battery Life	160 minutes
Voltage	110 Volts
Power Source	Corded Electric
Control Method	App, Remote, Voice
Compatible Devices	Amazon Echo, Google Home, Smartphones, Smartwatches
Filter Type	Cloth
Special Features	Auto Mop Washing, Auto-Docking, Automatic Dust Collection, Cordless, Dirt Detection Sensor, Edge Cleaning, Intelligent Mop Lifting, Logical Navigation, No-Go Zone, Obstacle Avoidance, Scheduling, Selective Room Cleaning, Self-Cleaning Brushroll, Self-Emptying, Simultaneous Vacuuming & Mopping, Smart Mapping

10. WARRANTY AND SUPPORT

DREAME offers comprehensive support for its products.

10.1 Product Warranty

The DREAME Aqua10 Ultra Roller Robot Vacuum and Mop typically comes with a product warranty. For specific details regarding the duration and coverage of your warranty, please refer to the warranty card included in your package or visit the official DREAME website. Extended protection plans are also available for purchase:

- 2-Year Protection Plan

- 3-Year Protection Plan
- Complete Protect (monthly plan covering multiple eligible purchases)

10.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact DREAME customer support. You can find contact information on the official DREAME website or in the DREAME Home app.

Returns: This product is eligible for 30-day easy returns.