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mollie A03-RV-002-30W-WH Robot Vacuum and Mop User Manual

Model: A03-RV-002-30W-WH

1. INTRODUCTION

Thank you for choosing the mollie A03-RV-002-30W-WH Robot Vacuum and Mop. This device is designed to provide efficient and convenient cleaning for your home, featuring both vacuuming and mopping capabilities, strong 2800Pa suction, and smart navigation. This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your robot vacuum. Please read it thoroughly before use and retain it for future reference.

2. SAFETY INSTRUCTIONS

To reduce the risk of injury or damage, read these safety instructions carefully and keep them accessible for future reference.

- 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.
- Only use the original power adapter provided by the manufacturer.
- Do not use the robot in environments with open flames or fragile objects.
- Ensure the charging dock is placed against a wall on a level surface, free from obstacles.
- Before cleaning, remove loose cables, small objects, or anything that could entangle the robot.
- Do not allow the robot to pick up large or sharp objects, liquids, or burning/smoking materials.
- Do not immerse the robot or its electronic components in water.
- The robot is designed for indoor use only.

3. PACKAGE CONTENTS

Verify that all components are present and in good condition. If any items are missing or damaged, please contact

customer support.

- Robot Vacuum Cleaner
- Charging Dock
- AC Adapter
- Side Brushes (2x)
- Cleaning Brush
- Water Tank
- Dry Mop
- Remote Control
- User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your mollie robot vacuum.



Figure 4.1: Exploded view showing the robot vacuum's internal and external components, including the swivel wheel, dual side brushes, main brush, drive suspension tires, 500ml dustbin, 150ml water tank, and mopping cloth.

- **Main Unit:** The primary body of the robot, housing the motor, sensors, and control systems.
- **Dustbin (500ml):** Collects dust and debris during vacuuming.
- **Water Tank (150ml):** Holds water for mopping functionality.
- **Side Brushes:** Sweep debris from edges and corners into the robot's path.
- **Main Brush:** Agitates and lifts dirt from floors and carpets.
- **Drive Wheels:** Propel the robot across various surfaces.
- **Swivel Wheel:** Provides directional control and maneuverability.
- **Sensors:** Anti-fall, anti-collision, and navigation sensors for safe and efficient operation.

5. SETUP

5.1 Charging Dock Placement

Place the charging dock against a wall in an open area, ensuring there are no obstacles within 1 meter (3 feet) to the front and 0.5 meters (1.5 feet) to the sides. Connect the AC adapter to the charging dock and plug it into a power outlet.

| AUTOMATIC RECHARGING

For uninterrupted cleaning as needed



Figure 5.1: The robot vacuum automatically returns to its charging dock when the battery is low or cleaning is complete.

5.2 Initial Charging

Before first use, fully charge the robot vacuum. Place the robot onto the charging dock, ensuring the charging contacts align. The indicator light on the robot will show charging status. A full charge typically takes 4-6 hours.

5.3 Installing Side Brushes

Press the side brushes onto the posts at the bottom of the robot until they click into place. Ensure they are securely attached.

5.4 Preparing for Mopping (Optional)

To use the mopping function, fill the 150ml water tank with clean water. Attach the dry mop cloth to the water tank. Insert the filled water tank assembly into the designated slot at the rear of the robot until it clicks.

| 150ML WATER TANK

Simultaneous sweeping and mopping
for enhanced cleaning efficiency



Figure 5.2: The robot vacuum with its 150ml water tank and mopping cloth attached, ready for simultaneous sweeping and mopping.

5.5 Wi-Fi/App Connection

Download the Tuya Smart app from your mobile device's app store. Follow the in-app instructions to connect your robot vacuum to your home Wi-Fi network. This enables remote control, scheduling, and real-time monitoring.

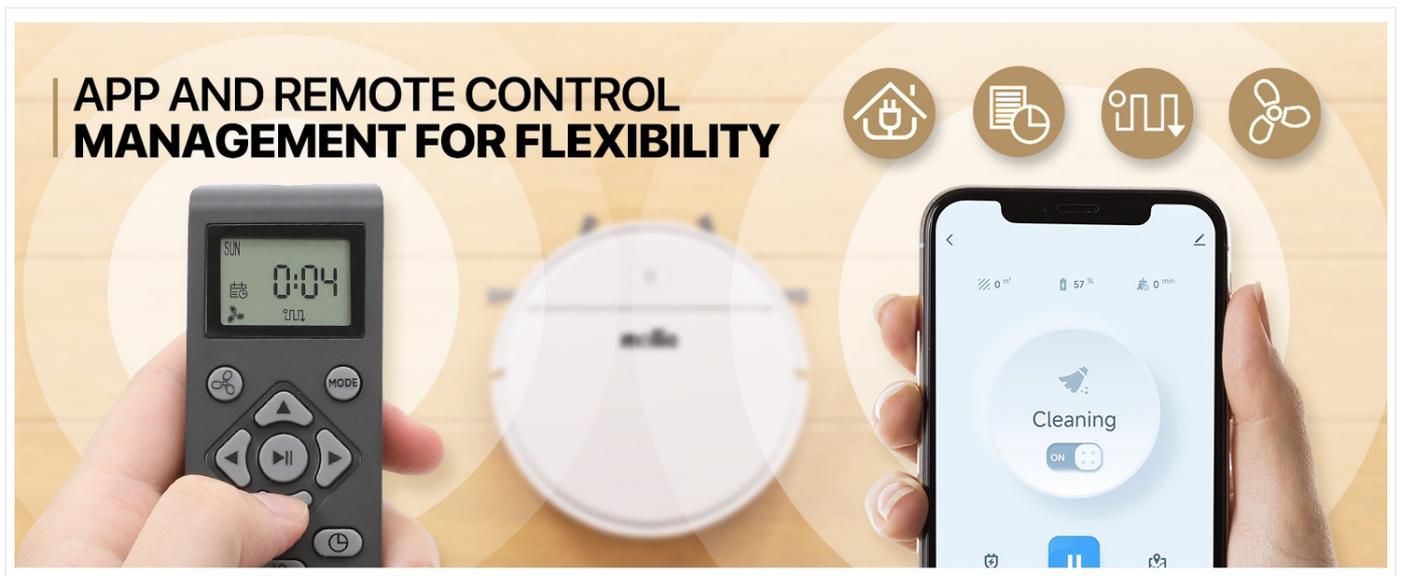


Figure 5.3: The robot vacuum can be managed using either the included remote control or the Tuya Smart application on a smartphone.

6. OPERATING INSTRUCTIONS

6.1 Starting and Stopping Cleaning

- **Manual Start:** Press the power button on the robot or the "Clean" button on the remote control.
- **App Start:** Use the Tuya Smart app to initiate a cleaning cycle.
- **Pause/Stop:** Press the power button again or the pause button on the remote/app to pause or stop cleaning.

6.2 Cleaning Modes

The robot offers multiple cleaning modes to suit different needs:

- **Auto Mode:** The robot intelligently navigates and cleans the entire floor area using its GYRO-based localization system.
- **Spot Mode:** Focuses on a specific dirty area, cleaning in a spiral pattern.
- **Edge Mode:** Cleans along walls and furniture edges.
- **Schedule Mode:** Set specific times for the robot to automatically start cleaning via the Tuya Smart app.

ADAPTIVE NAVIGATION

Efficiently navigates obstacles for time-saving cleaning convenience



Figure 6.1: The robot vacuum utilizes adaptive navigation to efficiently clean and avoid obstacles in various room layouts.

6.3 Suction Power and Floor Types

With 2800Pa suction, the robot effectively cleans various floor types, including hardwood, marble, ceramic tile, and low-to-medium pile carpets.

2800PA STRONG SUCTION

For thorough cleaning and efficiency



Figure 6.2: The robot vacuum's 2800Pa strong suction ensures thorough cleaning and efficiency on hard surfaces.

DEEP CARPET & FLOOR CLEANING

Suitable for Hardwood / Marbles / Ceramic / Tile / Low-medium Pile Carpet



Figure 6.3: The mollie robot vacuum is suitable for deep cleaning on various surfaces including hardwood, marble, ceramic tile, and low-to-medium pile carpets.

6.4 Anti-Fall and Anti-Collision Features

The robot is equipped with sensors to detect cliffs and obstacles, preventing falls down stairs and collisions with furniture.



Figure 6.4: Cliff detection technology prevents the robot vacuum from falling down stairs, ensuring safe operation.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your robot vacuum.

7.1 Emptying the Dustbin

After each cleaning cycle, or when the dustbin is full, remove it from the robot and empty its contents into a trash bin.

7.2 Cleaning the Filter

The HEPA filter should be cleaned regularly (e.g., weekly) using the provided cleaning brush. Tap the filter gently to remove dust. Replace the filter every 3-6 months, depending on usage.

7.3 Cleaning Brushes

- **Side Brushes:** Periodically remove and clean any hair or debris wrapped around them. Replace if damaged.
- **Main Brush:** Remove the main brush cover and lift out the brush. Use the cleaning tool to cut and remove tangled hair or fibers.

7.4 Cleaning the Water Tank and Mop Cloth

After mopping, empty any remaining water from the tank and rinse it thoroughly. Remove the mop cloth, wash it by hand or machine, and allow it to air dry completely before reattaching.

7.5 Cleaning Sensors and Charging Contacts

Wipe the anti-fall sensors, anti-collision sensors, and charging contacts on both the robot and the charging dock with a clean, dry cloth to ensure proper function.

8. TROUBLESHOOTING

If your robot vacuum encounters issues, refer to this section for common solutions.

Problem	Possible Cause	Solution
Robot does not start	Low battery; Power switch off; Obstruction	Charge the robot; Ensure power switch is ON; Clear any obstructions.

Problem	Possible Cause	Solution
Poor cleaning performance	Full dustbin; Clogged filter; Tangled brushes	Empty dustbin; Clean/replace filter; Clean main and side brushes.
Robot cannot find charging dock	Dock obstructed; Dock unplugged; Robot too far from dock	Clear area around dock; Plug in dock; Manually place robot near dock.
Robot falls down stairs	Dirty cliff sensors	Clean cliff sensors with a dry cloth.
Wi-Fi connection issues	Incorrect password; Router too far; App error	Verify Wi-Fi password; Move robot closer to router; Restart app/robot.

9. SPECIFICATIONS

Feature	Detail
Brand	mollie
Model Name	mollie A03-RV-002-30W-WH
Suction Power	2800Pa
Dustbin Capacity	500 Milliliters
Water Tank Capacity	150 Milliliters
Battery Life	Up to 120 minutes
Charging Time	4-6 hours
Coverage Area	Up to 2150 sq ft
Product Dimensions	13"L x 13"W x 3.1"H
Filter Type	HEPA Filter
Control Method	App (Tuya WIFI), Remote Control
Navigation System	High-Precision GYRO
Power Source	Battery Powered (1 Lithium Ion battery included)
Compatible Devices	Smartphones
Item Weight	8.21 pounds
UPC	840256426052

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official mollie website. Keep your purchase receipt as proof of purchase.

Manufacturer: mollie



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