

NARWAL Freo X Ultra

Narwal Freo X Ultra Robot Vacuum and Mop Combo User Manual

Model: Freo X Ultra (YJCC015)

1. INTRODUCTION

Welcome to the Narwal Freo X Ultra Robot Vacuum and Mop Combo user manual. This document provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before using the product and retain it for future reference.



Figure 1: Narwal Freo X Ultra Robot Vacuum and Mop Combo with its base station and a smartphone displaying the Narwal app.

2. PRODUCT OVERVIEW AND COMPONENTS

The Narwal Freo X Ultra is an intelligent robot vacuum and mop combo designed for comprehensive floor cleaning. It features advanced vacuuming and mopping technologies, including a self-contained dust processing system and a maintenance-free docking station.

Included Components:

- 1x Robot Vacuum and Mop
- 1x Base Station
- 1x Floor Cleaner (Lemon & Basil scent)
- 1x Zero-Tangling Brush
- 3x 1L Disposable Dust Bags
- 1x Dustbox Filter
- 1x Power Cord
- 2x Mop Pads
- 2x Side Brushes

- 2x Filter Sponges
- 1x Cleaning Hook

3. SETUP

3.1 Base Station Setup

1. **Unpack:** Carefully remove the base station from its packaging.
2. **Placement:** Place the base station against a wall in an open area with good Wi-Fi signal. Ensure there is sufficient space around it (at least 0.5 meters on both sides and 1.5 meters in front).
3. **Power Connection:** Connect the power cord to the base station and plug it into a wall outlet.
4. **Water Tanks:** Open the top lid of the base station. Insert the clean water tank (often purple) and the dirty water tank (clear) into their respective slots.
5. **Detergent Dispenser:** Place the provided Narwal floor cleaner bottle into the designated compartment within the clean water tank area. The system will automatically dispense detergent as needed.

All-in-One Base Station



Auto Mop Washing



Auto Warm
Air Drying



Auto Detergent
Dispensing



Auto Station Cleaning Auto Dust Bag Drying



Figure 2: Internal view of the All-in-One Base Station, illustrating its self-maintenance features.

3.2 Robot Setup

1. **Unpack:** Remove the robot vacuum from its packaging.
2. **Install Brushes and Mop Pads:** Attach the side brushes and mop pads to the underside of the robot. Ensure the zero-tangling brush is correctly installed in its compartment.
3. **Dust Bag:** Ensure a disposable dust bag is correctly inserted into the robot's internal dust compartment.
4. **Initial Charge:** Place the robot onto the base station for its initial charge. The robot will automatically dock and begin charging.

3.3 App Connection

1. **Download App:** Download the Narwal Freo app from your smartphone's app store.
2. **Account Creation:** Create a new account or log in if you already have one.
3. **Add Device:** Follow the in-app instructions to add your Narwal Freo X Ultra. This typically involves

scanning a QR code on the device or manually selecting the model.

4. **Wi-Fi Connection:** Connect the device to your home Wi-Fi network as prompted by the app.

4. OPERATING INSTRUCTIONS

4.1 Cleaning Modes

The Narwal Freo X Ultra offers various cleaning modes accessible via the app or the base station's touch panel:

- **Freo Mode:** Intelligent cleaning mode that uses AI DirtSense technology to detect dirt levels and adjust cleaning intensity and mop washing frequency.
- **Vacuum Only:** For dry debris collection with 8,200 Pa suction power.
- **Mop Only:** For wet mopping with 12N downward pressure and 180 RPM spinning.
- **Vacuum then Mop:** Performs a vacuum cycle followed by a mopping cycle.
- **Custom Cleaning:** Allows you to define specific areas, cleaning intensity, and water usage.



Figure 3: The robot vacuum demonstrating its powerful 8,200 Pa suction on a hard floor.

Mops Until Floors are Flawless

Unrivalled scrubbing performance won't stop until stubborn stains and dirt are gone.

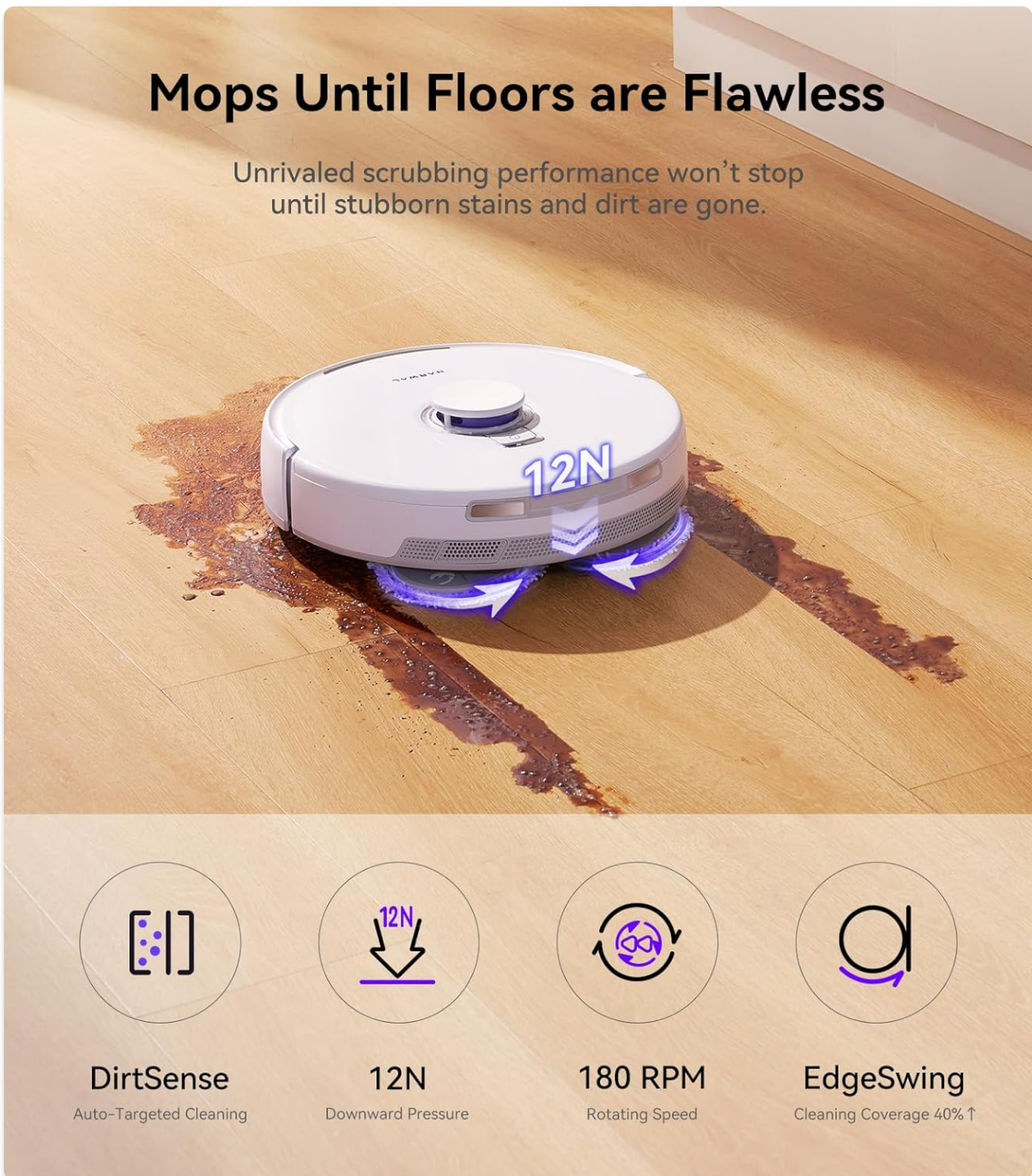


Figure 4: The robot mop in action, utilizing DirtSense and EdgeSwing technologies for thorough cleaning.

4.2 Mapping and Navigation

The robot uses LiDAR 4.0 navigation for 360° scanning to create and execute optimized cleaning paths. It maps your home to efficiently cover all areas.

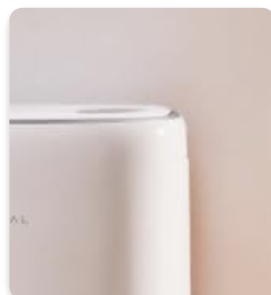


Figure 5: LiDAR 4.0 Navigation for precise mapping and efficient cleaning.

4.3 Obstacle Avoidance

Equipped with Tri-Laser Obstacle Avoidance, the Freo X Ultra detects and avoids small and low-lying objects with millimeter precision. Side sensors allow it to clean close to edges and obstacles.



Figure 6: Tri-Laser Obstacle Avoidance in action, recognizing objects as low as 1cm and cleaning within 5mm of obstacles.

4.4 Voice Control and Child Lock

The robot is compatible with Amazon Echo (Alexa) for voice commands to start, stop, or clean specific rooms. A child lock feature is available to prevent unintended activation.



Figure 7: Voice control integration with smart home assistants.

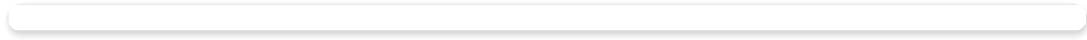


Figure 8: Child Lock feature to prevent accidental operation.

5. MAINTENANCE

5.1 Base Station Self-Maintenance

The base station is designed for minimal maintenance. It automatically washes, dries, and refills the mop pads with detergent and water. It also cleans and dries itself.

5.2 Dust Processing

The robot features a self-contained dust processing system that compresses dust within the robot, allowing for up to 7 weeks of maintenance-free cleaning with a disposable dust bag. A standard dust bin option is also available.

The Self-Emptying Revolution

The groundbreaking upgrade of station self-emptying compresses dust within the compact robot, providing 7 weeks of maintenance-free use.

**7
WEEKS**

7 Weeks
Dust Storage^[1]



1L Disposable
Dust Bag^[2]



Hypoallergenic
and SGS Certified



^[1]According to lab data. Actual results may vary.
^[2]Dust bin is also available.

Figure 9: The self-emptying system compresses dust for extended maintenance-free operation.

5.3 Zero-Tangling Brush

The revolutionary zero-tangling brush design prevents hair and pet fur from getting wrapped around it, directing them directly into the dust bag. This significantly reduces manual cleaning of the brush.

Certified Zero Tangling Floating Brush

Revolutionary technology that prevents hair and fur getting wrapped around the brush—even on carpets.



SGS Certified

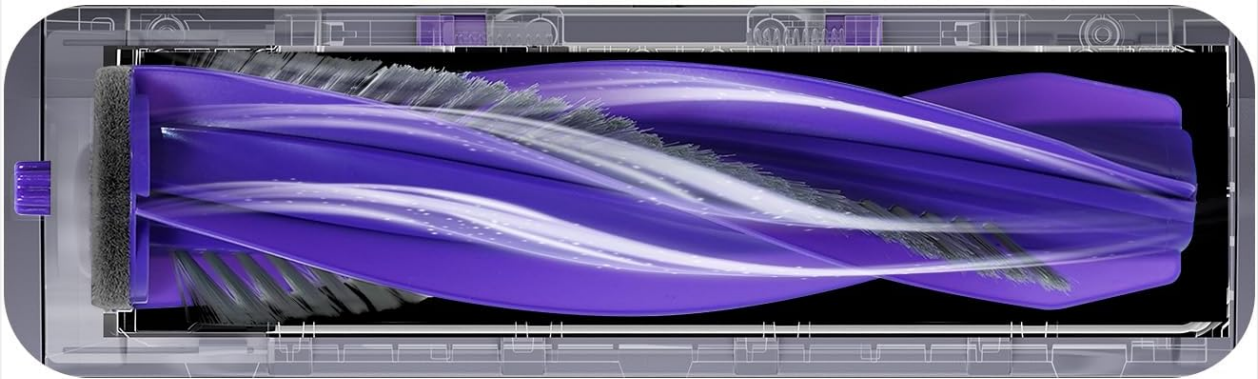
0% Hair Tangle Rate*



TÜV Certified

99.56% Hair Absorption Rate*

Narwal Freo X Ultra



Others



*According to lab data. Actual results may vary.

Figure 10: The Certified Zero-Tangling Floating Brush ensures efficient hair collection without entanglement.

5.4 Water Tanks and Detergent

Regularly check the clean water tank and refill it as needed. Empty the dirty water tank after each cleaning cycle to prevent odors and maintain hygiene. The integrated detergent dispenser ensures optimal cleaning solution usage.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Narwal Freo X Ultra.

6.1 Connectivity Issues

If the device fails to connect to Wi-Fi or the app:

- Ensure your Wi-Fi network is 2.4GHz.

- Perform a hard reboot of the base station (refer to the quick guide for specific instructions).
- Restart the app and attempt the connection process again.

6.2 Cleaning Performance

If cleaning performance is unsatisfactory:

- **Mop Pads:** Ensure mop pads are clean and properly attached. The base station automatically washes them, but manual inspection is recommended.
- **Suction Power:** Check the dust bag for fullness and replace if necessary. Ensure the filter is clean.
- **Obstacle Avoidance:** Clear the cleaning area of small objects that might interfere with the robot's path or sensors.

6.3 General Issues

For other issues, consult the in-app help section or the official Narwal support resources.

7. SPECIFICATIONS

| Feature | Detail |
|------------------------|---|
| Brand | NARWAL |
| Model Name | YJCC015 |
| Special Features | Advanced Custom Cleaning, Auto Mop Washing, Dirt Detection Sensor, Edge Cleaning, Zero-Tangling |
| Color | White |
| Filter Type | Cartridge, Cloth |
| Battery Life | 3.48 Hours |
| Voltage | 110 Volts (AC) |
| Capacity (Item Weight) | 12.12 Pounds (Robot), 38.4 pounds (Total) |
| Power Source | Battery Powered |
| Compatible Devices | Amazon Echo |
| Form Factor | Round |
| UPC | 703670846755 |
| Product Dimensions | 16.3 x 14.6 x 17.1 inches |
| Batteries | 1 Lithium Ion battery required |

8. WARRANTY AND SUPPORT

For warranty information, product registration, and technical support, please refer to the official Narwal website or contact their customer service. Details can typically be found in the quick start guide included with your product or within the Narwal Freo mobile application.

9. PRODUCT VIDEOS

Narwal Freo X Ultra Robot Vacuum and Mop Combo Overview

This video provides a concise overview of the Narwal Freo X Ultra Robot Vacuum and Mop Combo, showcasing its key features and functionality in a 37-second format.

Narwal Freo X Ultra - 5 Things You Need to Know!

A detailed review highlighting five essential aspects of the Narwal Freo X Ultra, including its unique features and performance. This video is 10 minutes and 51 seconds long.

Related Documents - Freo X Ultra

| | |
|--|--|
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Comprehensive user manual for the Narwal Freo X Ultra Robot Vacuum and Mop, covering product overview, setup, operation, and specifications.