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Tesvor KF-001YZH

Tesvor KF-001YZH Robot Vacuum Cleaner User Manual

Model: KF-001YZH

1. Introduction

Thank you for choosing the Tesvor KF-001YZH Robot Vacuum Cleaner. This intelligent cleaning device is designed to simplify your daily cleaning routine, offering efficient and thorough cleaning for various floor types. Please read this manual carefully before operating the device to ensure proper usage and maintenance.

2. Package Contents

Ensure all components are present in the package:

- Tesvor KF-001YZH Robot Vacuum Cleaner
- Charging Dock
- Power Adapter
- Remote Control
- Side Brushes (2 pairs)
- HEPA Filter (pre-installed + 1 spare)
- Cleaning Tool
- User Manual
- Magnetic Boundary Strip (optional accessory)

3. Product Features

- **Smart Mapping System:** Plans efficient S-shape cleaning paths for full home coverage.
- **App & Voice Controls:** Compatible with Alexa and Google Home for voice commands. Use the smart app for real-time map, customized cleaning, status checks, and scheduling.
- **Powerful Cleaning:** V-shape dual rolling brushes and brushless motor provide high suction for dust, debris, and pet hair with low noise.
- **Safety Sensors:** Equipped with fall prevention and anti-collision sensors, plus climbing capabilities.
- **Self-Charging:** Automatically returns to the charging dock when battery is low.
- **Ultra-Thin Design:** Low profile (2.9 inches) to clean under furniture.

- **Large Dustbox:** 0.6L capacity for extended cleaning sessions.

4. Setup

4.1 Charging Dock Placement

Place the charging dock on a hard, level surface against a wall. Ensure there is at least 1 meter (3 feet) of clear space on either side and 2 meters (6 feet) in front of the dock for optimal navigation. Plug the power adapter into the dock and a wall outlet.

4.2 Initial Charging

Place the robot vacuum on the charging dock. Ensure the charging contacts align. The indicator light on the robot will show charging status. Fully charge the robot before first use (approximately 4-5 hours).

4.3 Installing Side Brushes

Flip the robot vacuum over. Align the side brushes with the square posts on the bottom of the robot and press down until they click into place. Ensure the brushes are securely attached.

4.4 App Connection (Optional)

Download the Tesvor app from your smartphone's app store. Follow the in-app instructions to connect your robot vacuum to your home Wi-Fi network. **Note: The robot vacuum only supports 2.4GHz Wi-Fi networks.**

Image: Tesvor Robot Vacuum Cleaner with its companion app displaying a cleaning map and control options. The app shows current status, cleaning area, remaining power, and cleaning time, along with buttons for Smart Clean, Spot Clean, Edge Clean, Normal, Stop, and Charge. The robot is compatible with Google Home and Amazon Alexa, and uses a 2.4G Wi-Fi connection.

5. Operating Instructions

5.1 Preparing the Cleaning Area

Before starting a cleaning cycle, remove any obstacles such as cables, toys, or loose items from the floor to prevent the robot from getting stuck or damaging items. For optimal performance, ensure the area is clear.

5.2 Starting a Cleaning Cycle

- **Manual Start:** Press the power button on the robot or the 'Auto' button on the remote control.
- **App Control:** Use the Tesvor app to select a cleaning mode (Smart Clean, Spot Clean, Edge Clean) and start the cleaning cycle.
- **Voice Control:** If connected to Alexa or Google Home, use voice commands like "Alexa, start cleaning with Tesvor" or "Hey Google, tell Tesvor to start cleaning."

5.3 Cleaning Modes

- **Smart Clean (Auto):** The robot intelligently plans an S-shape path to cover the entire area.
- **Spot Clean:** The robot cleans a specific area in a spiral pattern for concentrated cleaning.
- **Edge Clean:** The robot cleans along walls and furniture edges.

Image: Tesvor Robot Vacuum Cleaner moving in an S-shape pattern across a light-colored rug, illustrating its Smart Mapping System for full home coverage.

5.4 Automatic Return to Charging

The robot vacuum will automatically return to its charging dock when its battery is low or when a cleaning cycle is complete.

6. Maintenance

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

6.1 Emptying the Dustbin

Empty the dustbin after each cleaning cycle. Press the 'PULL' button on the top cover to open the dustbin compartment, remove the dustbin, and discard collected debris.

6.2 Cleaning Filters

Clean the HEPA filter weekly using the provided cleaning tool. Replace the HEPA filter every 2-3 months, or as needed, depending on usage. Wash the primary filter monthly and replace every 6-12 months.

6.3 Cleaning Brushes

Clean the side brushes and main rolling brush weekly to remove tangled hair or debris. Replace side brushes

every 3-6 months and the main brush every 6-12 months, or when visibly worn.

6.4 Cleaning Sensors and Charging Contacts

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

Image: Tesvor Robot Vacuum Cleaner actively cleaning a floor covered with dust and debris, demonstrating its 1500Pa Max Suction power.

7. Troubleshooting

If your robot vacuum encounters an issue, refer to the following common problems:

- **Robot not charging:** Ensure the charging contacts are clean and the power adapter is securely plugged in.
- **Robot gets stuck frequently:** Clear obstacles from the cleaning path. Use the magnetic boundary strip to block off problem areas if necessary.
- **Poor cleaning performance:** Empty the dustbin, clean or replace filters, and clean/replace brushes.
- **App connectivity issues:** Ensure your Wi-Fi is 2.4GHz and the robot is within range. Restart your router and the robot.
- **Robot makes unusual noises:** Check for debris tangled in the main brush or side brushes. Clean them thoroughly.

8. Specifications

- **Brand:** Tesvor
- **Model Name:** Robot Vacuum Cleaner with Smart Mapping System
- **Item Model Number:** KF-001YZH
- **Special Feature:** Alexa Connectivity, App Controls, Online Service, Smart Mapping System
- **Color:** Blue/Wifi
- **Included Components:** Dusting Brush
- **Filter Type:** Disk
- **Battery Life:** 30 days (standby)
- **Power Source:** Battery Powered (1 Lithium Ion battery included)
- **Control Method:** Voice, App, Remote
- **Lithium Battery Voltage:** 3.7 Volts
- **Compatible Devices:** Amazon Echo
- **Form Factor:** Robotic
- **Product Dimensions:** 12.99 x 12.99 x 2.9 inches
- **Item Weight:** 10.73 pounds
- **Surface Recommendation:** Carpets (thin), Hard Floors

Image: Tesvor Robot Vacuum Cleaner transitioning smoothly from a hard floor to a thin carpet, demonstrating its ability to clean both surfaces effectively.

9. Warranty and Support

Tesvor proudly offers a **12-month manufacturer's warranty** against defects. For any questions, queries, or warranty claims, please contact Tesvor customer support. Additionally, a 30-day return policy is available.

Image: Tesvor Robot Vacuum Cleaner with its ultra-thin 2.9-inch design, easily cleaning underneath a wooden cabinet, highlighting its ability to reach confined spaces and its 0.6L large dustbox capacity.