Samsung R7040

Samsung POWERbot R7040 Robot Vacuum User Manual

Model: R7040 (VR1AM7040WG/AA) | Brand: Samsung

INTRODUCTION

The Samsung POWERbot R7040 robotic vacuum is designed to automate floor cleaning, saving users time and effort. This device offers powerful cleaning performance across various floor types, including carpets and hard floors. It features Wi-Fi connectivity for remote control via smartphone applications and voice-enabled devices. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your POWERbot R7040.

KEY FEATURES

Powerful Suction

The POWERbot R7040 delivers powerful cleaning performance on all floor types, effectively removing dirt and debris. This feature ensures thorough cleaning across various surfaces in your home.

Tested internally on Samsung POWERbot VR7000 and Samsung conventional VR10F71UCAC.

Image: The Samsung POWERbot R7040 showcasing its powerful suction capabilities on a tiled floor, leaving a clean path.

Edge Clean Master

An innovative rubber blade extends out to clean hard-to-reach areas such as corners and along the edges of walls, ensuring comprehensive coverage.

Edge Clean Master

An innovative rubber blade that extends out to clean hard-to-reach areas like corners and along the edges of the wall.

STEP 1

STEP 2

Image: The robot vacuum positioned against a wall, with diagrams illustrating how its rubber blade extends to clean edges and corners.

Visionary Mapping Plus and FullView Sensor 2.0

Onboard camera and multiple sensors create an ideal cleaning path for multi-room cleaning while effectively avoiding obstacles. A coverage map shows areas the POWERbot has cleaned.

Image: The robot vacuum mapping a room with its sensors, showing its cleaning path and obstacle avoidance.

Wi-Fi Connectivity

Control your robot vacuum remotely using your smartphone via the SmartThings Application, or through voice-enabled devices such as Amazon Alexa and the Google Assistant.

Wi-Fi Connectivity

Wi-Fi connectivity allows you to remotely control your robot vacuum on your smartphone* or through voice enabled devices such as Bixby, Amazon Alexa or Google Assistant**.

*Through SmartThings Application.
** Amazon Alexa devices, Bixby devices and Google Assistant devices sold separately.

Image: A smartphone displaying the remote control interface for the POWERbot R7040, highlighting its Wi-Fi connectivity.

CycloneForce Technology

This technology provides long-lasting suction power with reduced clogging, maintaining consistent cleaning performance.

Image: A cutaway view of the POWERbot R7040's dustbin, detailing the CycloneForce Technology.

Intelligent Power Control

The vacuum automatically detects surface types and adjusts suction power accordingly, optimizing cleaning for hard floors and carpets.

Intelligent Power Control

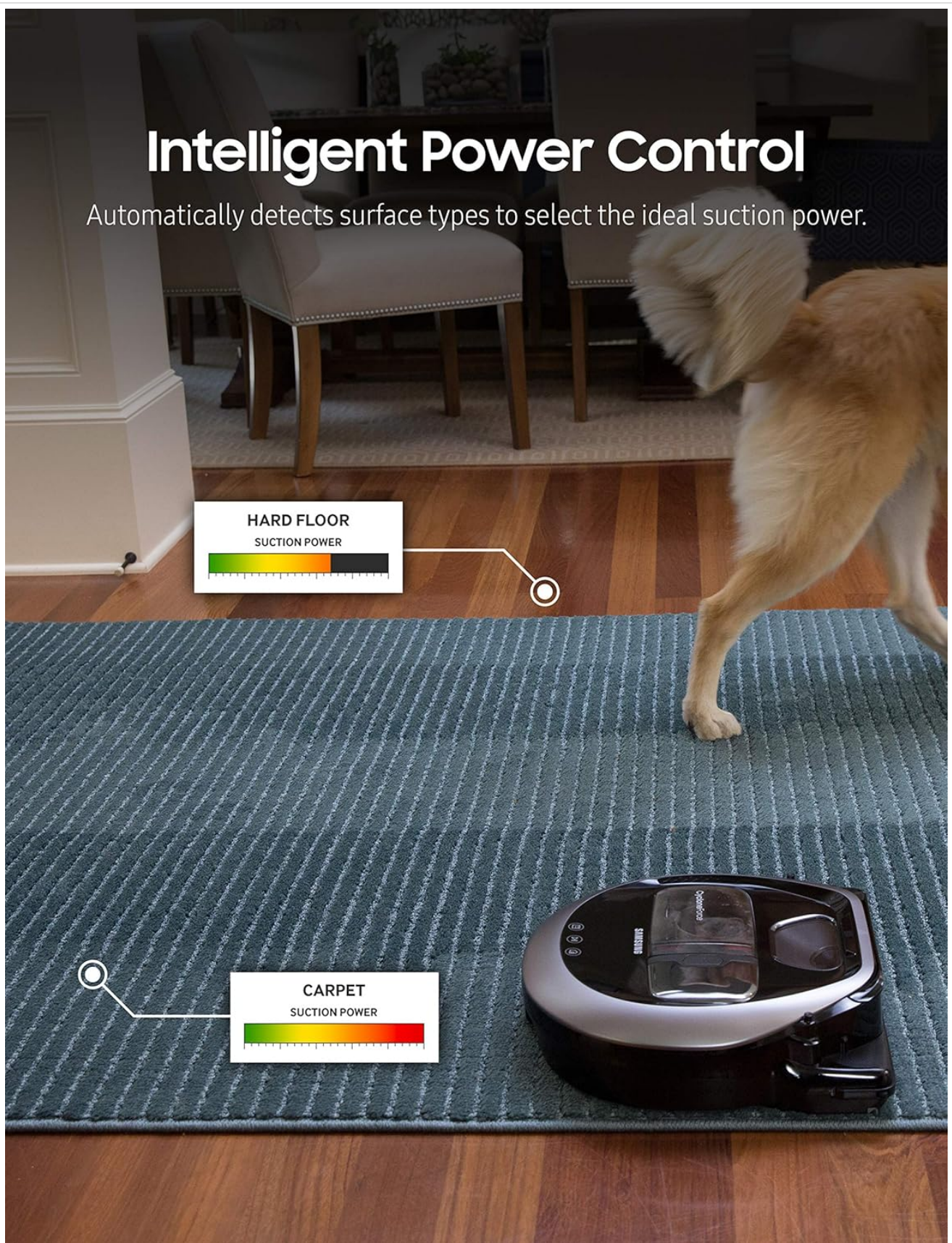Automatically detects surface types to select the ideal suction power.

HARD FLOOR
SUCTION POWER

CARPET
SUCTION POWER

Image: The robot vacuum transitioning from a hard floor to a carpet, with indicators showing automatic suction power adjustment.

Easy Pass Wheels

Large wheels allow the vacuum to move smoothly over obstacles, facilitating easy transitions between hard floors and carpets.

Image: A close-up of the robot vacuum's large wheels, illustrating their ability to lift and pass over obstacles.

SETUP

1. Unpacking and Placement

Carefully remove all components from the packaging. Place the docking station against a wall in an open area, ensuring there are no obstacles within 1.5 feet on either side and 3 feet in front. Plug the docking station into a power outlet.

Image: The docking station for the Samsung POWERbot R7040.

2. Initial Charging

Place the POWERbot onto the docking station. Ensure the charging terminals on the robot align with those on the station. The robot will begin charging automatically. Allow for a full charge before the first use (approximately 160 minutes).

Image: The Samsung POWERbot R7040 robot vacuum is shown connected to its docking station, indicating it is charging.

3. Remote Control Setup

Insert the provided AAA batteries into the remote control. The remote can be used for basic commands such as starting/stopping cleaning, directing the robot, and selecting cleaning modes.

4. Wi-Fi and App Connection

Download the Samsung SmartThings application on your smartphone. Follow the in-app instructions to connect your POWERbot R7040 to your home Wi-Fi network. This enables remote control and access to advanced features.

OPERATING YOUR POWERBOT R7040

1. Starting a Cleaning Cycle

- **Manual Start:** Press the 'Play/Pause' button on the robot or the remote control.
- **App Start:** Open the SmartThings app, select your POWERbot, and tap 'Start Cleaning'.
- **Voice Command:** Use a connected voice assistant (e.g., "Alexa, tell POWERbot to start cleaning").

2. Cleaning Modes

- **Auto Cleaning:** The robot cleans the entire accessible area of your home.
- **Spot Cleaning:** Direct the robot to a specific area for intensive cleaning.
- **Manual Control:** Use the remote control's directional buttons to steer the robot.
- **Scheduled Cleaning:** Set specific times for the robot to clean automatically via the SmartThings app.

3. Returning to Dock

The POWERbot will automatically return to its docking station when its battery is low or when a cleaning cycle is complete. You can

also manually send it back by pressing the 'Home' button on the robot, remote, or through the app.

MAINTENANCE

1. Emptying the Dustbin

The dustbin (Capacity: 0.3 L) should be emptied after each cleaning cycle or when the 'Dustbin Full' indicator illuminates. Press the 'Push' button on the dustbin to release it, then empty its contents into a trash receptacle.

Image: A top-down view of the Samsung POWERbot R7040, highlighting the CycloneForce dustbin.

2. Cleaning the Filter

The filter (Filter Type: Disk) should be cleaned regularly, ideally once a week, or more frequently if you have pets. Remove the filter from the dustbin and tap it gently to dislodge dust. You can also rinse it with water, ensuring it is completely dry before reinserting.

3. Cleaning the Brushes

Periodically check the main brush and side brushes for tangled hair or debris. Use the cleaning tool provided (if included) or scissors to carefully cut and remove any tangled hair. Ensure the brushes spin freely after cleaning.

4. Cleaning Sensors and Charging Terminals

Wipe the sensors and charging terminals on both the robot and the docking station with a dry, soft cloth to ensure proper function and charging.

TROUBLESHOOTING

- **Robot not charging:** Ensure the docking station is plugged in and the charging terminals on the robot and station are clean and aligned.
- **Robot getting stuck:** Clear obstacles from the cleaning path. Use no-go zones in the app for areas the robot frequently gets stuck.
- **Poor suction:** Empty the dustbin, clean or replace the filter, and check the main brush for obstructions.
- **Robot not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4 GHz. Restart your router and the robot, then attempt to reconnect via the SmartThings app.
- **Unusual noises:** Check brushes and wheels for tangled hair or foreign objects.

SPECIFICATIONS

Feature	Detail
Brand	Samsung
Model Name	R7040 Robot Vacuum
Item Model Number	VR1AM7040WG/AA
Color	Neutral Gray
Included Components	Remote, AAA Batteries, Docking Station
Special Features	Powerful suction, Edge clean master, Wi-Fi Connected, Amazon Alexa and the Google Assistant compatible
Filter Type	Disk
Dust Capacity	0.3 Liters
Power Source	Rechargeable Battery (1 Lithium Ion battery included)
Control Method	Voice, Remote, App
Compatible Devices	Amazon Echo, Google Home
Form Factor	Robotic
Product Dimensions	13.7 x 13.4 x 3.8 inches
Item Weight	8.8 pounds
Surface Recommendation	Carpet, Hard Floor

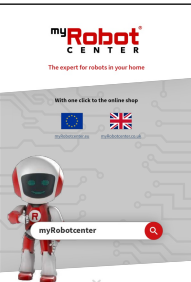| Specific Instructions for Use	Carpet, Dual Action, Hard Floor
UPC	887276198965

Warranty and Support

Warranty Information

The Samsung POWERbot R7040 Robot Vacuum comes with a 1-year limited warranty from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

Customer Support

For further assistance, technical support, or warranty inquiries, please contact Samsung Customer Service. Refer to the official Samsung website or your product packaging for the most up-to-date contact information.

Related Documents - R7040

[Samsung NE63A6511SS 6.3 cu. ft. Fan Convection Electric Range with Wi-Fi & Air Fry | Specs & Features](#)
Explore the Samsung NE63A6511SS, a 6.3 cu. ft. fan convection electric range featuring Wi-Fi connectivity, Air Fry, fingerprint-resistant finish, and a spacious oven. View specifications and installation details.

[Samsung VR05R50**** Series Robot Vacuum Cleaner: Instruction Manual](#)
Comprehensive instruction manual for the Samsung VR05R50**** Series robot vacuum cleaner, covering setup, operation, maintenance, troubleshooting, and specifications. Learn how to use your POWERbot-E effectively.

[Samsung 85-inch Crystal UHD U8000F 4K Smart TV (2025) Specifications | UN85U8000FXZC](#)
Detailed specifications for the Samsung 85-inch Crystal UHD U8000F 4K Smart TV (2025), model UN85U8000FXZC. Covers display features like resolution and refresh rate, video processing, audio capabilities, smart services including Tizen OS and AI assistants, connectivity options, design elements, accessibility features, power consumption, dimensions, and included accessories like the TM2240A remote.

[Samsung POWERbot SR1*M70****, SR2*M70**** Series User Manual](#)
Comprehensive user manual for Samsung POWERbot robot vacuum cleaners, series SR1*M70**** and SR2*M70****. Includes safety instructions, installation guides, charging procedures, operating modes, maintenance tips, and troubleshooting.

	[Samsung VR05R50**** Series Robot Vacuum Cleaner: Instruction Manual](#) Get detailed instructions for your Samsung VR05R50**** Series POWERbot-E robot vacuum. This manual covers setup, operation, maintenance, troubleshooting, and app control for optimal cleaning.
	[Samsung 75" Series 7 RU7100 4K UHD TV: Smart Features & Specifications](#) Detailed overview of the Samsung 75-inch Series 7 RU7100 4K UHD TV, highlighting its smart features, connectivity, picture quality, and technical specifications. Learn about its universal remote, Smart Hub, voice assistant compatibility, and more.