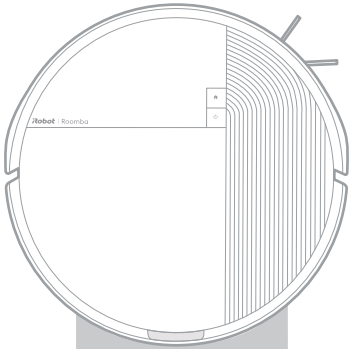
iRobot Roomba® Max 875-877

Combo Robot + AutoWash™ Dock

Owners Guide



iRobot

Getting Started

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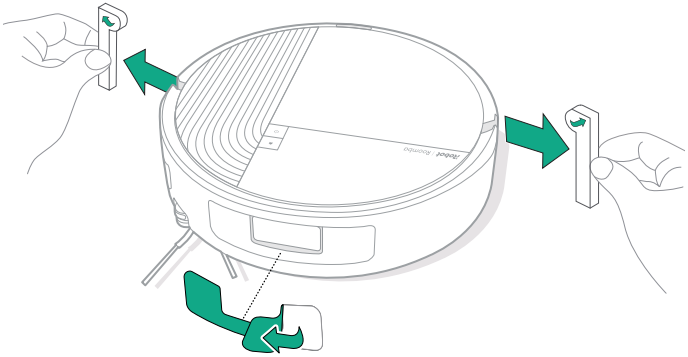
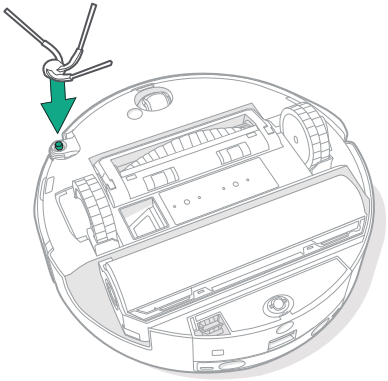
1 Remove the foam inserts from both sides of the Robot. Peel off the protective film on the front.

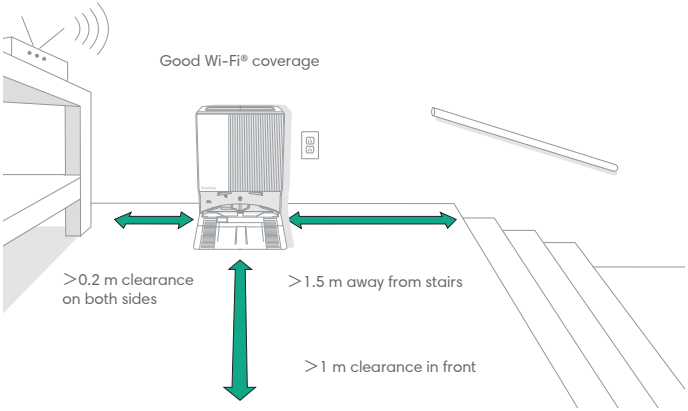


2 Install the Side Brush.

Align the Side Brush with the mounting post on the Robot and press down until you hear a "click".



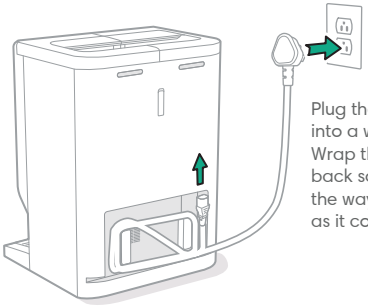
3 Place the Dock on a hard and level floor.



Note:
- Keep the Dock away from direct sunlight exposure. Ensure the area around the Dock is free of clutter so that the Robot can successfully return to the Dock.
- Do not place the Dock on a carpet.

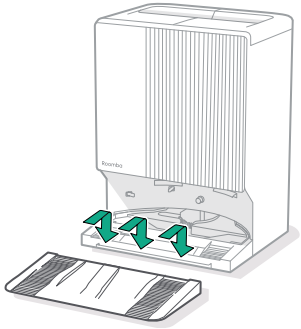
WARNING: To prevent the Robot from falling down stairs, ensure the Dock is at least 1.5 m away from the stairs.

4 Plug in your dock.



Plug the Power Cord into a wall outlet. Wrap the cord on the back so it won't get in the way of the robot as it comes and goes.

5 Align the Dock to install the Ramp Plate. Press down firmly until it clicks into place.



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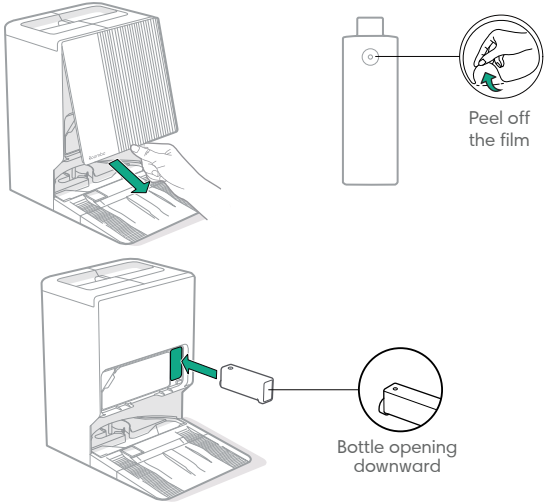
6 Install the Cleaning Solution.

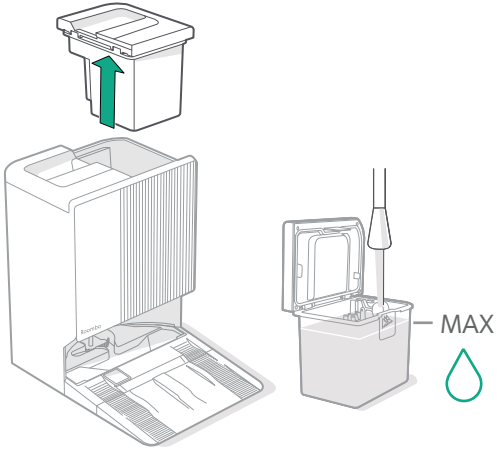
1. Remove the Dock panel and place it on a stable surface.
2. Insert the Detergent Cartridge into the designated position as shown in the figure. Push the Cartridge inward until it is properly installed.



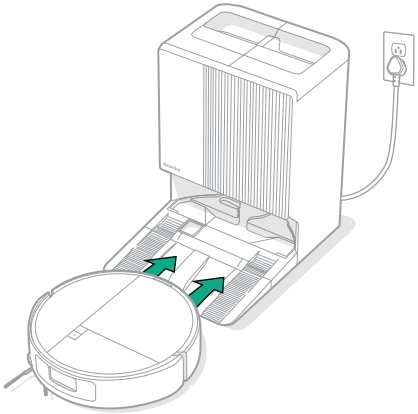
Important: 1. Do not use non-official cleaning solution or any other cleaning products, as this may damage the device.
2. The Dock automatically dispenses cleaning solution. It is not recommended to manually add cleaning solution to the Clean Water Tank.
3. When the cleaning solution in the Dock runs out, promptly replace it with the specified cleaning solution to maintain the cleaning performance.

7 Fill with clean water.

Remove the Clean Water Tank (right) from the Dock. Fill the Clean Water Tank with clean water.



8 Power on and wake up the Robot.



Place the Robot in front of the Dock in the direction shown in the figure, and slowly push it forward until it contacts the Charging Contacts of the Dock. The indicator will turn white, indicating that the Robot is powering on. You will then hear a voice prompt, indicating that the Robot is fully powered on and awake.

Note:
- For first-time use, after the Dock is powered on, gently push the Robot into the Dock to wake it up.
- When using the Robot in a new environment, have it start from the Dock to generate a new map.
- Although the Robot comes with a small amount of residual charge, it is recommended to charge it for 4 hours before the first cleaning cycle.
- To remove the Robot from the Dock, slide it toward you and then lift it out.
- New products are subjected to water testing before leaving the factory, so a small amount of residual water may be present. This is normal.

9 Download.

Scan the QR code with your mobile device's camera, or search for Roomba® Home in your App store. The Roomba® Home app and a Wi-Fi connection are required to complete setup. Wi-Fi The APP will guide you through the network configuration.

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Add device.

After the robot powers on, tap "Connect" to configure the network;

Download on the App Store

GET IT ON Google Play

Once the Robot is set up in the app, you will be able to:

- Control when, where, and how it cleans
- Set up scheduled schedules
- Customize cleaning preferences
- Access tips, tricks, and FAQs

Important: Wi-Fi connectivity only supports 2.4 GHz networks; 5 GHz networks are not supported.

About Your Roomba® Robot

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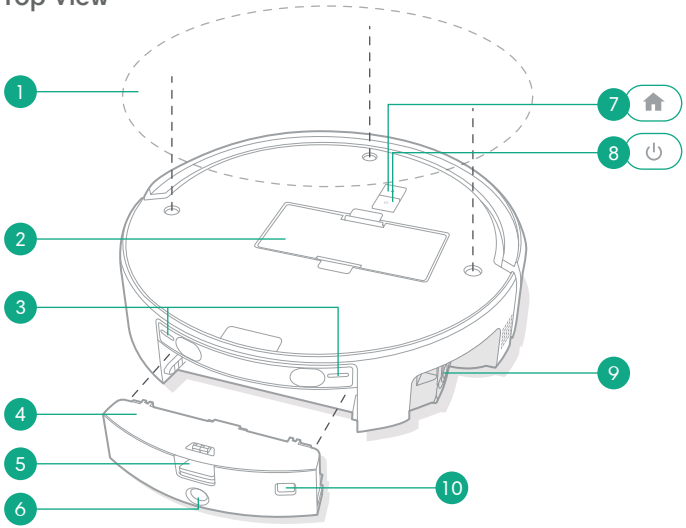
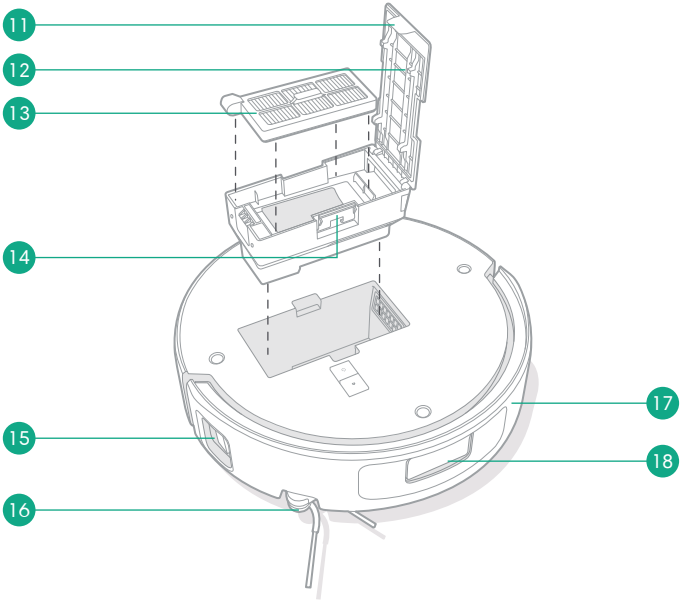
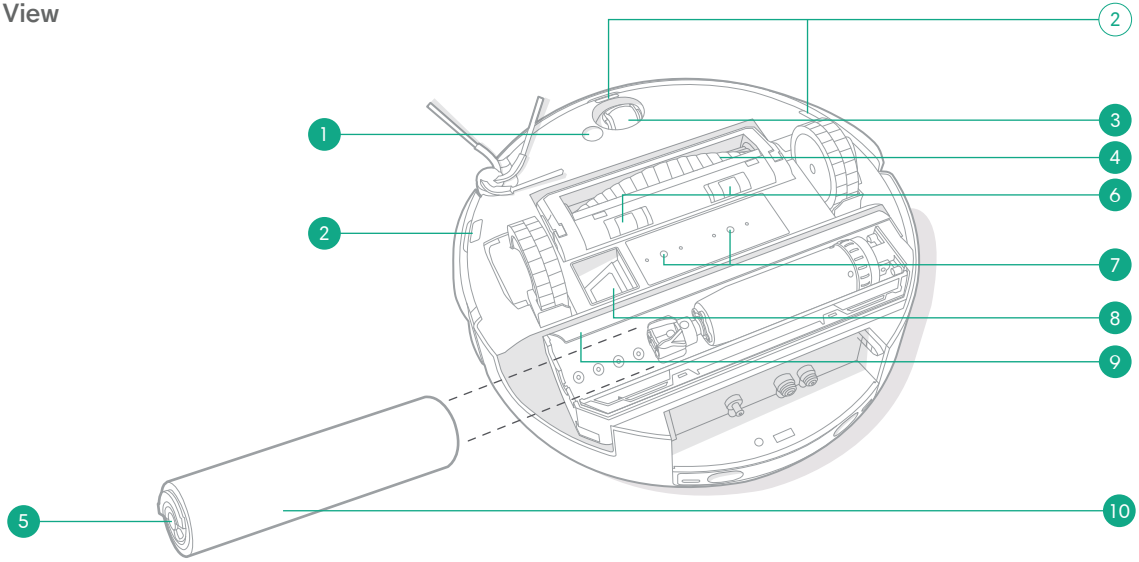
Top View





1 Robot Top Cover
2 Robot Dust Bin
3 Charging Contacts
4 Robot Dirty Water Bin
5 Dirty Water Container Release Button
6 Clean Water Fill Port
7 Home Button
8 Power Button
9 Roller Mop Release Button
10 Dirty Water Extraction Button
11 Filter Cover Release Button
12 Filter Cover
13 Filter
14 Dust Bin Release Button
15 Side Single-line Laser Edge Sensor
16 Side brush
17 Front Bumper Sensor
18 Navigation and Obstacle Avoidance Module+Fill Light

Bottom View



1 Ultrasonic Carpet Detection Sensor
2 Cliff Sensor
3 Liftable Universal Wheel
4 Main Brush
5 Roller Mop Release Button
6 Main Brush Cover Release Button
7 Spray Nozzle
8 Debris Evacuation Port
9 Roller Mop Cover (Only on carpets)
10 Roller Mop

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About Your Self-Cleaning Dock

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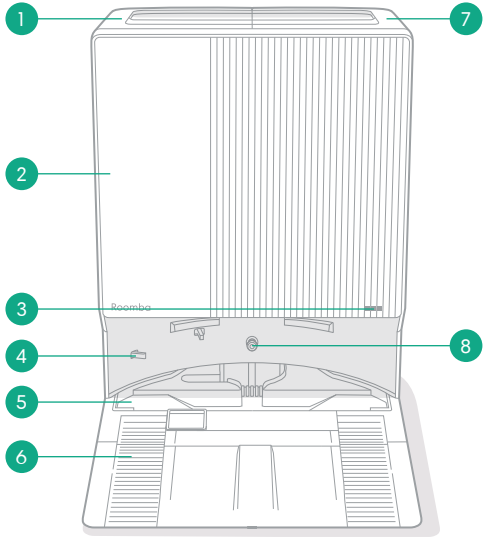
Front View



1 Dirty Water Tank

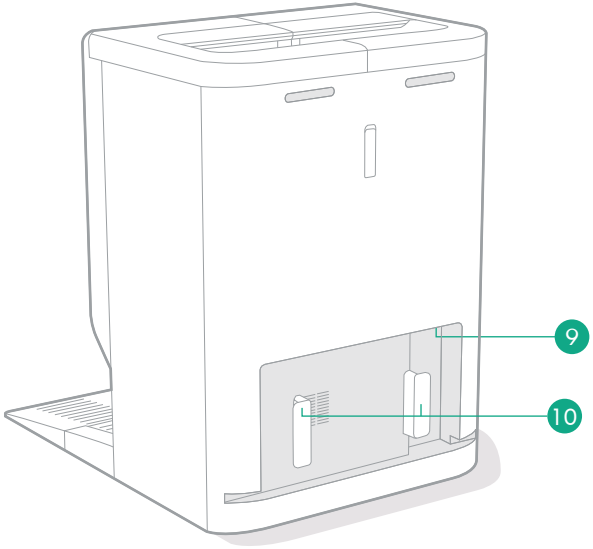
2 Dock Panel (To remove or install the Dirt Disposal Bag and Cleaning Solution, remove this panel)

3 Indicator Light

4 Drainage Push Rod

5 Cleaning Tray

Rear View



6 Ramp Plate

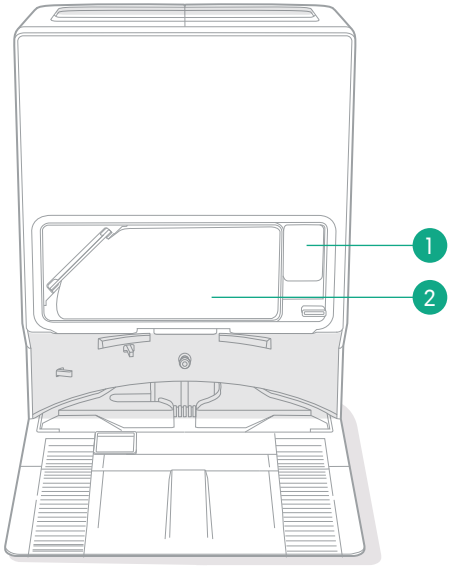
7 Clean Water Tank

8 Water Inlet

9 Power Cord Inlet

10 Cord Routing Slot

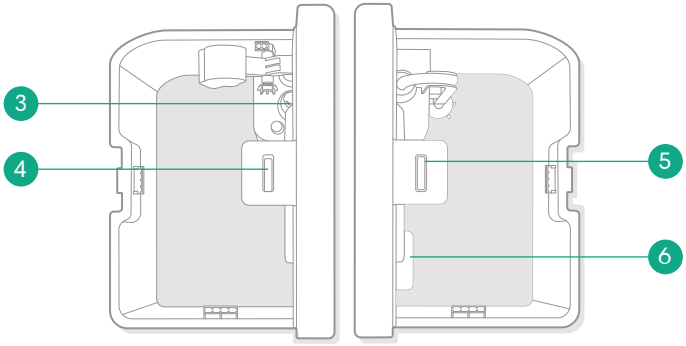
Internal View



1 Cleaning Solution

2 Dust Bag

Top View



3 Dirty Water Tank Inlet

4 Dirty Water Tank Lid Latch

5 Clean Water Tank Lid Latch

6 Scale Inhibitor Module

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Charging

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Illustration of Indicator Lights

	White	Standby / Cleaning / Returning to Dock
	Pulsing white	Powering on / Charging / Connecting to Wi-Fi / Firmware update in progress
	Flashing white	Returning to Dock after interruption / Downloading firmware update / Factory reset in progress.
	Flashing red	Robot error
	Light off	Powered off / Sleep mode

Button Controls

Home Button	Press	If Robot is outside Dock	Send Robot back to Dock
		If Robot is on Dock	Wash mopping pads
	Double-Press	If Robot is outside Dock	Activate Spot Cleaning
	Press and hold this button for 10s, and press the Power Button within 5s	Factory reset	

Power Button	Press	Start/Pause cleaning
	Press and hold for 3s	Power on
	Press and hold for 10s	Power off (with shutdown tone)
	Press and hold for 15s	Forced shutdown

Recharge and Resumed Cleaning

When the Robot needs to recharge, it will return to the Dock.Once it has charged enough to complete the remaining cleaning task, it will resume cleaning from where it left off.

Standby Mode

The Robot consumes a small amount of power while on the Dock.When not in use for an extended period, you can press and hold. Power Button for 10 seconds to power off the Robot.To power it back on, press Power Button for 3 seconds.

Dock LED Indicator

Breathing White: Cleaning
Solid White: Standby
Flashing Red: Dock fault
LED indicator off: Power off (Robot is on Dock)

Note: The actual LED behaviors of the Robot and the Dock may change due to software updates.

Cleaning Settings

The Robot will automatically explore your home and clean in systematic, row-by-row passes. If the battery runs low during a cleaning cycle, the Robot will return to the Dock, and then resume cleaning from where it left off.

Tips:
Before cleaning, clear excessive clutter from the floor.
Frequent use of the Robot will keep your floors clean.

If you are unsure whether the Robot has finished cleaning or is paused, check its status in the Roomba® Home app.

Note: 1. The Roomba® Home App and a Wi-Fi connection are required to complete setup.The mobile app can be used to clean specific rooms, set up cleaning routines, and create automations and schedules. We highly recommend using the Roomba® Home App to control cleaning.
2. Roomba® robots are generally designed to be used on most floor types for vacuuming. We do not recommend using mopping functions on unsealed hardwood floors or certain laminate/vinyl planks because of the potential for water damage to the flooring and/or subfloor.

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Spot Clean

With the Robot outside the Dock, double-press the Home Button to spot clean a designated area.After Spot Clean is complete, your robot will end its cleaning routine.
Press the Home Button to send it back to its dock.

Auto-Emptying

When your robot is back to the dock at the end of each cleaning routine, it will automatically perform Auto-Emptying. Press the "Empty" button in the APP to trigger Auto-Emptying when the robot is idle on the dock.

NOTE:
• Auto-Emptying will not be triggered when the robot returns to the dock for charging due to low battery; it is only triggered after a task is completed.
• 在 Auto-Emptying may fail if triggered too frequently in the APP within a short period of time.

Roller Mop Washing

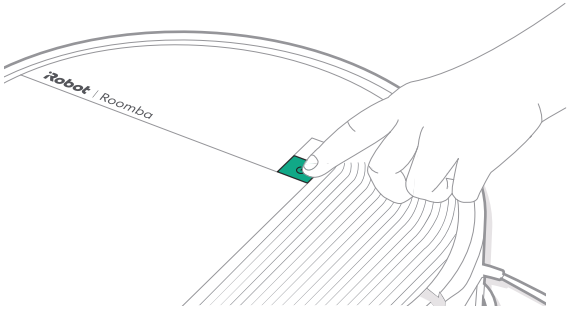
Your robot will return to the dock to wash its roller mop when cleaning is complete.

NOTE:
• The washing process will be interrupted if the dock is powered off, the robot leaves the dock, the Dirty Water Tank is full, or the Clean Water Tank is not properly installed. Check these conditions before starting a wash cycle.
• Visit the Roomba® Home App to manually start Roller Mop Washing or to change the Roller Mop wash settings.

Important: Do not wash the Roller Mop in a washing machine or dishwasher.

Vacuuming and Mopping

To start cleaning, place the Robot back on the Dock, then use the app or press the Power Button.

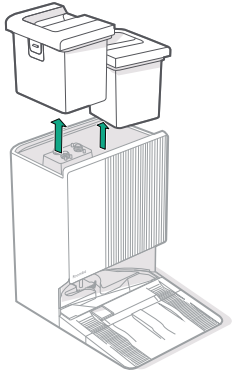


Note: Your Robot defaults to Vacuum then Mop Mode. To use Vacuum Only / Mop Only Mode, clean specific rooms, or customize your cleaning task, set in the Roomba® Home app.

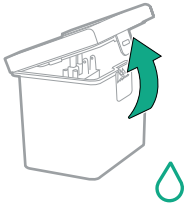
To Start Cleaning from the Dock

If the Clean Water Tank and Dirty Water Tank are ready, proceed to Step 5.

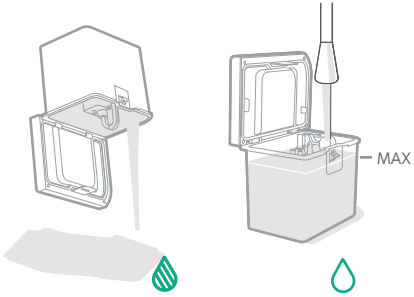
1 Lift to remove the Clean Water Tank and the Dirty Water Tank.



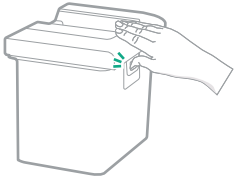
2 Lift the latch on the tank to open.



3 Empty the Dirty Water Tank. Fill the Clean Water Tank with clean water.



4 Close and latch the tank lids. Place tanks back on the dock.



Important: Ensure the latch is properly closed before reinstalling, and that tanks are properly seated to prevent leaks.

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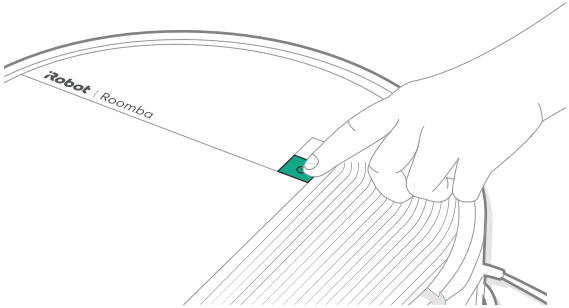
5 To start cleaning, place the robot back on the dock and use the app or press the POWER Button.



Robot Care and Maintenance

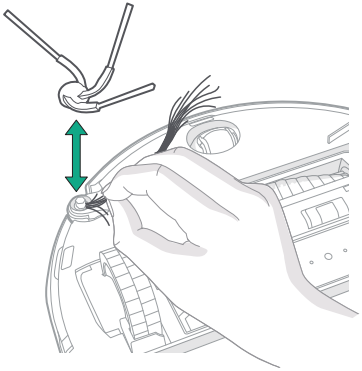
Keep your robot performing at its best by periodically completing the basic care and maintenance tasks below.
The Roomba® Home App provides personalized reminders for accessory replacement and important maintenance needs. View additional instructional videos in the Roomba® Home App. If you notice the robot picking up less debris, replace the Bin Filter and clean the brushes.

Component	Care Frequency	Replacement*
Side Brush	Clean once a month	As needed, recommended every 3–6 months
Main Brush	Clean once a month	As needed, recommended every 3–6 months
Roller Mop	Clean as needed	As needed, recommended every 3–6 months
Roller Mop Scraper Groove	Clean as needed	–
Bin Filter	Clean as needed	Every 6–12 months
Dirty Water Bin	Clean as needed	–
Dust Bin	Clean as needed	–
Charging Contacts/Rear Docking Light	Clean once a month or as needed	–
Liftable Caster Wheel	Clean every 4 weeks (once a week if you have pets)	–
Wheels	Clean once a month or as needed	–
Sensors (Navigation and Obstacle Avoidance Module, Edge Sensor, Cliff Sensor, etc.)	Clean once a month or as needed	–

* Replacement frequency may vary. Replace components if visible wear is present.

Clean the Side Brush

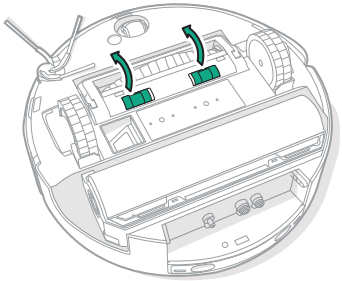
Pull out to remove the Side Brush. Remove any hair or debris, then reinstall the Side Brush. You will hear a click when it is securely in place.



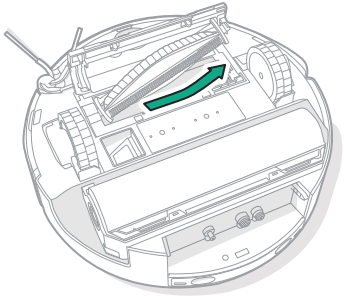
Important: 1. Remove the Dirty Water Bin before turning the robot over.
2.It is recommended to replace the Side Brush every 3–6 months to keep your robot cleaning at its best.

Clean the Main Brush

1 Pinch the Main Brush Cover Release Buttons, lift the cover upwards.



2 Remove the Main Brush.



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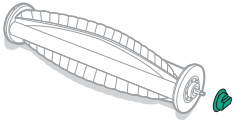
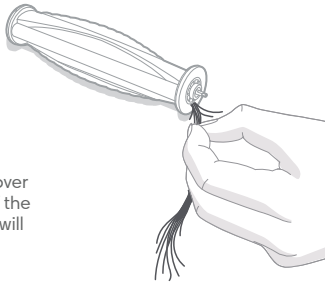
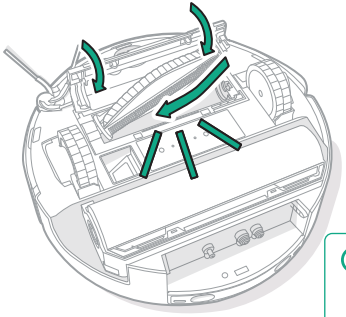
3 Detach the end cap from the end of the Main Brush.



4 Remove any hair or debris tangled on the Main Brush and End Cap, check for any foreign objects between the cutter teeth, and clean them promptly. Reinstall the End Cap.



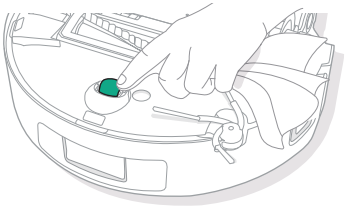
5 Reinstall the Main Brush and Main Brush Cover onto the Robot, ensuring all four corners of the cover are pressed securely into place. You will hear a click when it is securely in place.



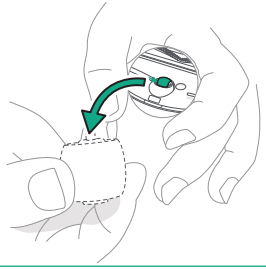
Important: 1. Remove the Dirty Water Bin before turning the robot over.
2. It is recommended to replace Main Brush every 6–12 months for optimal cleaning performance.
3. Ensure the Brush Cover is properly installed.

Clean the Universal Wheel

1 Use a cleaning brush or dry cloth to remove hair and debris from the universal wheel.



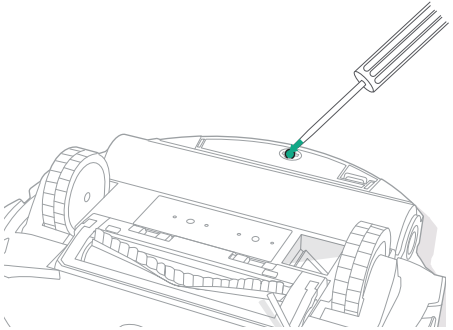
2 Use a tool to pry up the universal wheel and remove it from its housing.



Important: 1. Remove the Dirty Water Bin before turning the robot over.
2. Hair and debris clogging the Caster Wheel may damage your floor.
3. The Caster Wheel Housing cannot be removed from the robot. Only the Caster Wheel can be removed with a tool for maintenance.

Clean the Rear Auxiliary Wheel

Use a tool to pry up and slide the Rear Auxiliary Wheel from right to left to disengage it from the metal shaft. Slide off the Rear Auxiliary Wheel, then use a cleaning brush to remove hair and debris from behind it.

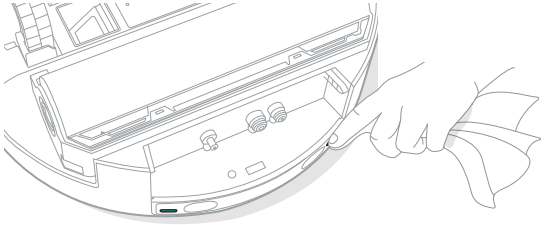


Important: 1. Remove the Dirty Water Bin before turning the robot over. If you do not remove the Dirty Water bin, ensure there is no water inside.
2. Ensure the Rear Caster Wheel is properly installed.

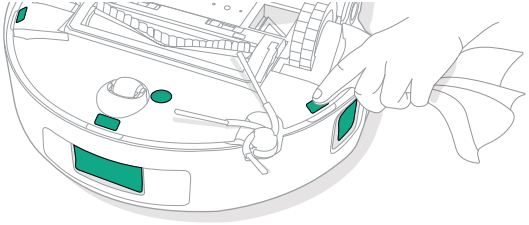
Clean the Charging Contacts and Sensors

Wipe the charging contacts and sensors with a clean, dry cloth.

Charging Contacts



Sensors



Important: Do not spray cleaning solutions or water onto the sensors or sensor openings.

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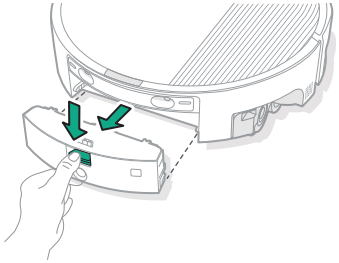
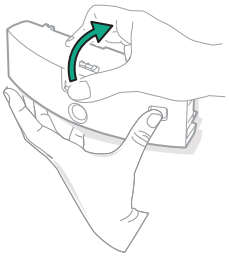
Clean the Dirty Water Container

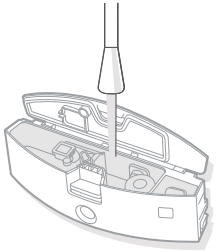
1 Press down on the Dirty Water Container Release Button to remove the container.



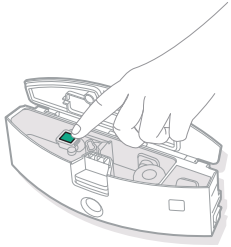
2 Flip open the Dirty Water Container Cover.



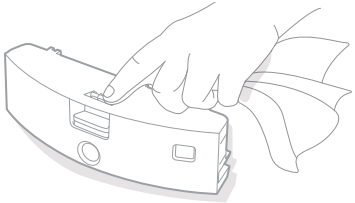
3 Empty the dirty water, rinse the container under clean water, and wipe away any residue.



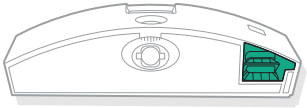
4 Clean debris from the filter.



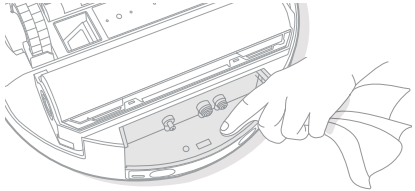
5 Rinse and wipe away any residue from the top surface of the dirty water bin.



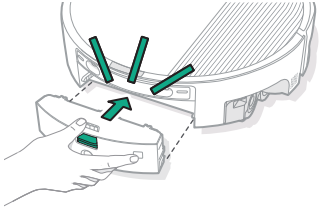
6 Clean and ensure the Dirty Water Valve is free of debris and can be fully closed.



7 Wipe away residue from the undercarriage of the robot. This area must be clear of residue to ensure the dirty water bin slides back into the robot properly.



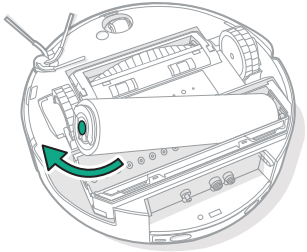
8 Reinstall the Dirty Water Container into the Robot. You will hear a "click" when it is securely in place.



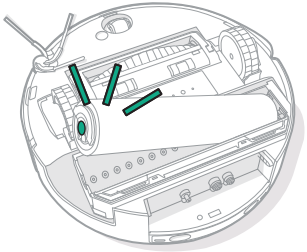
Important: The Dirty Water Bin is not dishwasher safe. It is important to thoroughly clean the Dirty Water Bin to keep your robot cleaning at its best. The Dirty Water Bin must be placed or removed upright. Before moving or flipping the robot, remove the Dirty Water Bin to prevent leakage into the robot.

Clean the Roller Mop

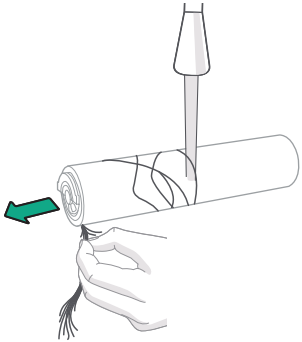
1 Remove the Dirty Water Bin and turn the robot over. Press the Roller Mop Release Button, lift the mop upward and pull it to the left to take out the Roller Mop.



3 The Roller Mop is properly installed in place when you hear a "click".



2 Clean and rinse the Roller Mop, then let it air dry at room temperature.



Important: It is recommended to replace the roller mop every 3 months for optimal mopping results.If the roller mop cover is closed, do not try to force it open.

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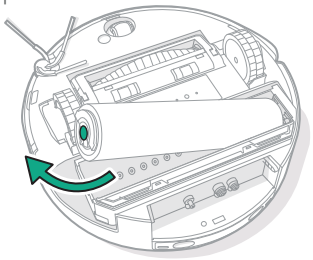
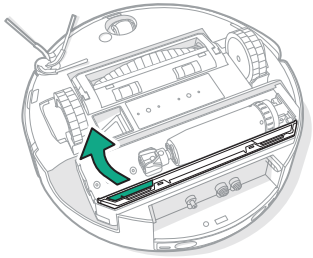
Cleaning the Roller Mop Scraper Groove

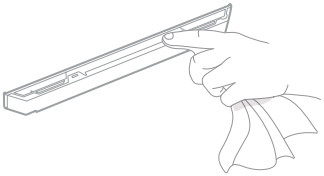
1 Remove the dirty water bin and turn the robot over. Press the Roller Mop Release Button, lift the mop upward and pull it to the left to take out the roller mop.



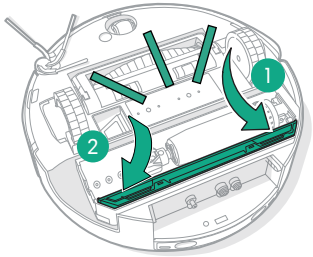
2 Push forward and lift up to remove the Roller Mop Scraper Groove.



3 Rinse or wipe the Roller Mop Scraper Groove.



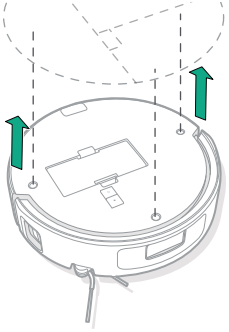
4 Align the Roller Mop Scraper Groove with the slot on the right, and press the left side backwards to secure it.



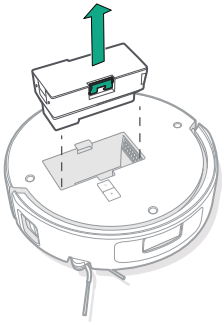
Important: Ensure the Roller Mop Scraper Groove is properly installed. The Roller Mop won't reinstall easily unless securely fastened.

Cleaning the Dust Bin and Filter

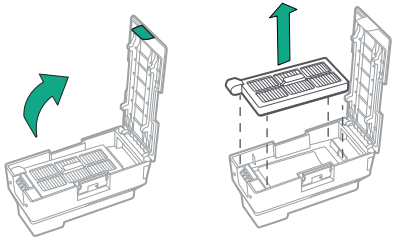
1 Remove Robot Top Cover by lifting up.



2 Press the Dust Bin Release Button and pull up to remove Dust Bin.

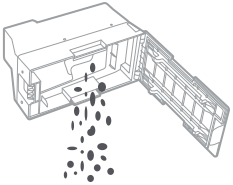


3 Open the Filter Cover and remove the Filter.

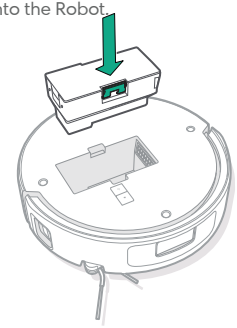


4 Clean the debris on the Filter.

5 Empty and clean out the dust and debris from the Dust Bin.



6 Reinstall the Filter into the Dust Bin. Reinstall the Dustbin into the Robot.



Important: The Filter is washable, but must be completely air-dried before reinstalling it into the Dust Bin. Do not clean the Dust Bin in a dishwasher.

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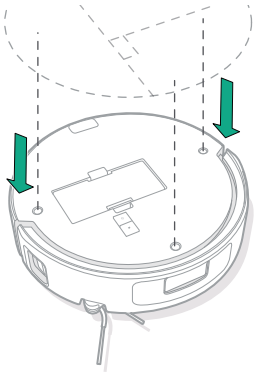
7 Reinstall the Robot Top Cover.



Dock Care and Maintenance

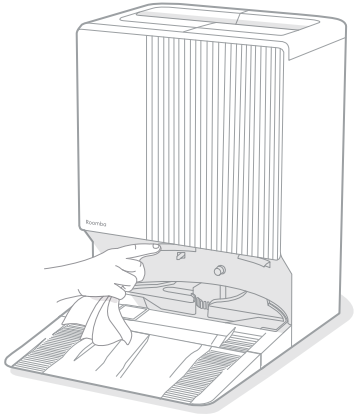
To keep the Dock performing at its best, follow the procedures outlined on the following pages.

Components	Maintenance Frequency	Replacement frequency*
Dock Charging Contacts	Clean monthly	-
Sensors	Clean monthly	-
Return-to-Dock signal emission area	Clean monthly	-
Cleaning Tray and Tray Float	Clean every 2 weeks or as needed	-
Clean Water Tank	Rinse and change the water as needed	-
Dirty Water Tank	Rinse and empty as needed	-
Ramp Plate	Clean monthly	-
Dirt Disposal Bag	-	Replace as needed
Cleaning Solution	-	Replace as needed

* Replacement frequency may vary. Replace components if visible wear is present.

Clean the Dock Charging Contacts and Infrared Window

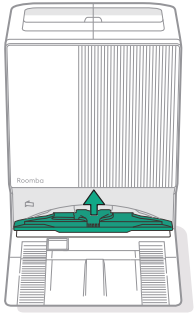
Check the components to ensure there is no debris.Wipe with a clean, dry cloth.

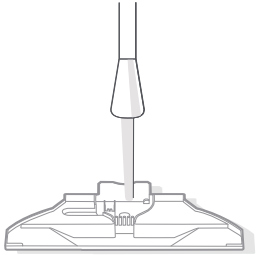


Important: Do not spray cleaning solutions or water onto the sensors or sensor openings.

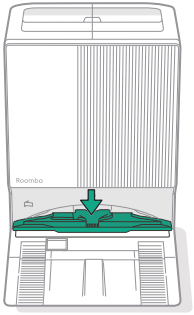
Cleaning the Cleaning Tray

1 Carefully rinse or wipe away debris in and around the Cleaning Tray.Ensure the Clean Water Fill Port and Dirty Water Suction Port are free from any obstructions. A mild soap and a sponge may be used to remove stubborn debris.





2 After cleaning, make sure the Cleaning Tray is securely installed in place.



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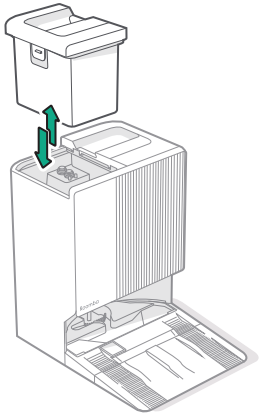
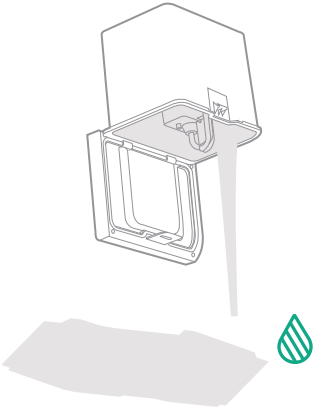
Washing the Water Tanks

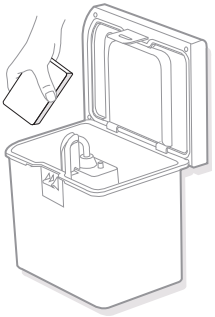
1 After the Roller Mop wash cycle, promptly remove and clean the Dirty Water Tank to prevent odors and mold.



2 Empty the Dirty Water Tank.



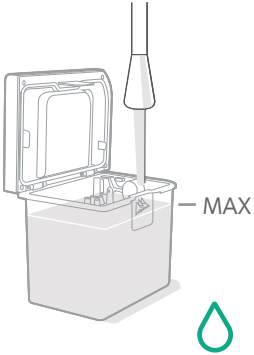
3 Rinse both tanks with room-temperature water. A mild soap and a sponge may be used to remove stubborn debris.



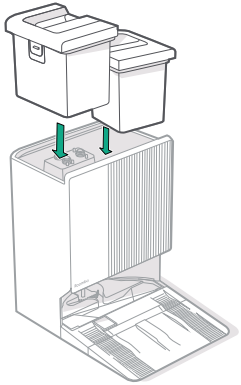
Important: The Floats in the Clean Water Tank and the Dirty Water Tank are movable parts. Be careful when cleaning them to avoid damaging their function.

Washing the Water Tanks

4 Refill the Clean Water Tank with water.



5 Install both tanks back into the Dock.



Important: Do not place the tanks in a dishwasher.Before reinstalling, ensure the tank latches are securely closed.

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Replace the Cleaning Solution

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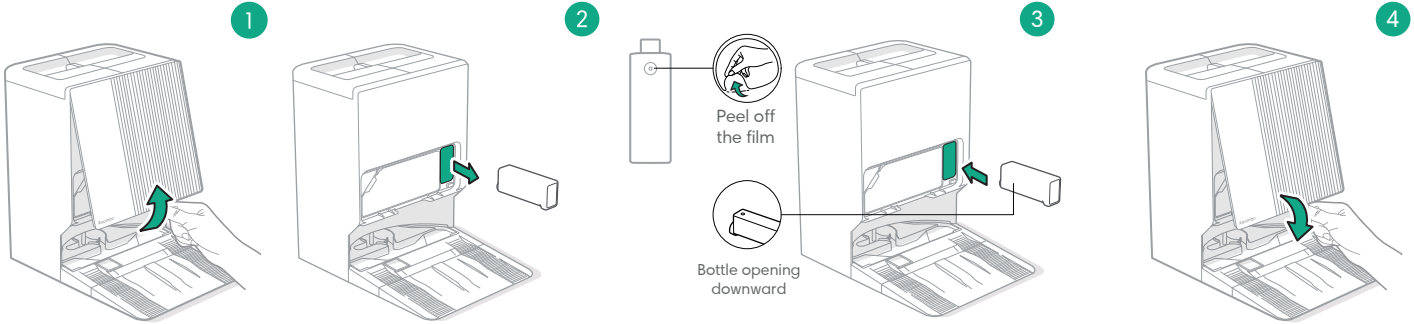
Remove the Dock panel and place it on a stable surface.
As shown in the figure, remove and discard the empty Cleaning Solution, then take out a new Cleaning Solution and install it in the designated position. Push the Cleaning Solution inward until it is properly installed.



Important: 1. Do not use non-official cleaning solution or any other cleaning products, as this may damage the device.
2. The robot automatically dispenses cleaning solution. Do not manually add cleaning solution to the Clean Water Tank.
3. When the cleaning solution in the Dock runs out, promptly replace it with the specified cleaning solution to maintain the cleaning performance.

Replace the Dirt Disposal Bag

When the Dirt Disposal Bag needs to be replaced, open the Dock Panel, pull the Dirt Disposal Bag Handle to remove the Bag, and discard it. Insert a new Dirt Disposal Bag and push the Handle into the slot, ensuring it is properly installed.
Align the latches and reattach the Dock Panel. You will hear a click when it is securely in place.

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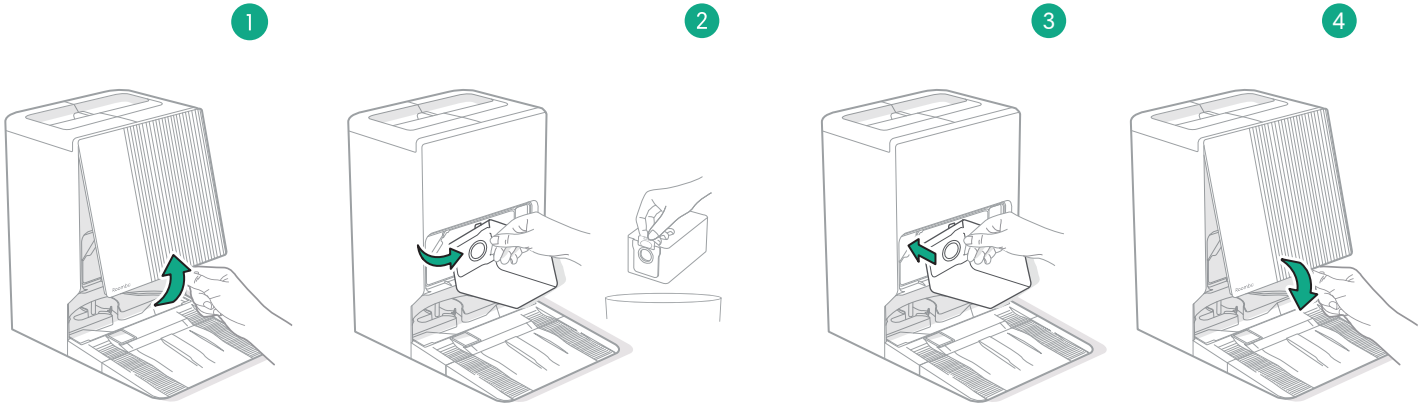

Troubleshooting

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Error Indications	Solutions
Unable to power on	Battery is low. Please fully charge before use.
Unable to start: battery low	Please allow Robot to charge its battery sufficiently and try again.
Could not reach its dock	Make sure the path is clear for Robot to return to its Dock. Check that the dock is plugged in and in its original location.
Unusual noise during cleaning	The Main Brush, Side Brush, Left/Right Wheel, or roller mop may be tangled with foreign objects. Power off the Robot and clean.
Reduced cleaning performance or debris loss	The Dust Bin is full. Clean it. The Main Brush is tangled with foreign objects. Clean it.
Robot offline	Poor Wi-Fi signal. Ensure the Robot is within good Wi-Fi coverage. Wi-Fi connection abnormal. Reset Wi-Fi and download the latest app, then try reconnecting.
Unable to charge	Ensure there is enough space around the Dock, and the Charging Contacts on the Dock are free of dust and obstructions. The ambient temperature is too low (below 0°C) or too high (above 40°C).

Error Indications	Solutions
Unable to connect to app	Ensure both the Dock and the Robot are within Wi-Fi coverage with a strong signal. Reset the Wi-Fi as instructed in the manual before pairing them again.
Unable to wash mop	The Dock's Clean Water Tank is out of water. Please refill with clean water. The Clean Water Outlet is blocked. Clear the blockage. Dock's Cleaning Tray is full. Please clean the tray. The Cleaning Tray is not installed. Install it. The Dirty Water Tank is full. Empty it.
Main brush is stuck	Clear obstacles or tangled fibers from the brush so it can spin freely
Main Brush tangled. Clean and continue	Main Brush is tangled with foreign objects. Clean and restart the task.

Troubleshooting

Error Indications	Solutions
Side brush is stuck	Pull tangled fibers and debris from the side brush can spin freely.
Left Wheel stuck/Right Wheel stuck	Push Left/Right Wheel up and down a few times, then spin it to loosen trapped debris. It should spin freely.
Clean Cliff Sensors	Clean the bottom Cliff Sensors with a soft, dry cloth so stairs can be accurately detected. Place Robot on the floor and press the start button to resume cleaning.
Navigation and Obstacle Avoidance Module blocked, please wipe and continue	1. Navigation and Obstacle Avoidance Module is blocked. Please wipe away the blockage or foreign object; 2. If clearing is not needed, please move the Robot to a new location and restart.
The Robot is stuck	Move it to an open area and press the Power button to resume. Clear obstacles and open doors.
Unable to start: stuck in a Keep Out Zone	Move Robot out of the Keep Out Zone so it can start its new routine.
Unable to start: stairs or drop-off detected	Please move Robot to a new location and try again.

Error Indications	Solutions
Robot is suspended	The robot has detected that it is suspended in mid-air. Please move it to a new location and start again.
Battery too low to clean	Place Robot on its dock and allow it to charge sufficiently. You can check battery status here in the Robots tab.
Cleaning Tray full. Please check the dirty water pipe and confirm the Dirty Water Tank is properly installed	First, check and empty the Dirty Water Tank, ensuring it is installed in place. Then clean out hair and other blockages from the Dock's Cleaning Filter and Suction Inlet.

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Robot Specifications

Robot Sensor List

Name	Quantity	Function	Detection Range / Working Distance
Navigation and Obstacle Avoidance Module	x1	Localization, navigation & obstacle avoidance	0.15m-8m
IMU Gyroscope	x1	Motion control	/
Accelerometer	x1	Speed control	/
Side Single-line Laser Edge Sensor	x1	Edge cleaning	≤1.5cm
Ultrasonic Carpet Detection Sensor	x1	Carpet recognition	/
Front Bumper Sensor	x2	Collision protection	≤10cm
TOF Floor Detection Sensor	x1	Cliff detection	0.01-0.2m
Infrared Floor Detection Sensor	x2	Cliff detection	≤1cm
Mop Holder Presence Hall Sensor	x1	Detects whether the mop pad holder is in placeor the lifting status of the holder	≤1cm
Dust Bin Detection Hall Sensor	x1	Detects whether the Dust Bin is installed	3cm±0.5cm
Rear Return Infrared Sensor	x1	Return-to-Dock and pairing	3-4m
Dirty Water Bin Detection Hall Sensor	x1	Detects if Dirty Water Container is installed	≤1cm
Dirty Water Bin Full Detection Hall Sensor	x1	Detects if Dirty Water Container is full	≤1.2cm

Dock Sensor List

Name	Quantity	Function	Detection Range / Working Distance
Clean Water Tank Detection Hall Sensor	x1	Detects if Clean Water Tank is installed or empty	<1.8cm
Dirty Water Tank Detection Hall Sensor	x1	Detects if Dirty Water Tank is installed or full	<1.8cm
Dirt Disposal Bag Presence Hall Sensor	x1	Detects whether the Dirt Disposal Bag is installed	≤1cm
Cleaning Tray Full Hall Sensor	x1	Detects whether the Cleaning Tray is full	≥40ml
Cleaning Tray Presence Hall Sensor	x1	Detects whether the Cleaning Tray is installed	≤6mm
Docking IR Sensor Emitter and Receiver Sensors	x1	Docking and Alignment	3-4m
Cleaning Solution Shortage Detection	x1	Detects if there is cleaning solution in the pipeline	/

Robot Specifications

Robot

Dimension	356×360×99.8mm
Battery capacity	Rated capacity: 4400mAh Nominal capacity: 5000mAh
Net Weight	5.4kg

Self-Cleaning Dock

Dock dimension	W350×D499×H475mm
Dock net weight	8.1kg

Technical Support

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Need further assistance? Please let us help you.

Please download the Roomba® Home app, or visit global.irobot.com for product support. You may also contact your local service center. If you are in the United States or Canada and need further assistance, please call the U.S. Customer Care team at (877) 855-8593.

iRobot® U.S. Customer Service Center Hours of Operation

Monday-Friday: 9:00 AM – 9:00 PM (EST)
Saturday-Sunday: 9:00 AM – 6:00 PM (EST)

Safety Information

Please refer to the safety guide included with this product, or visit global.irobot.com for more information.

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