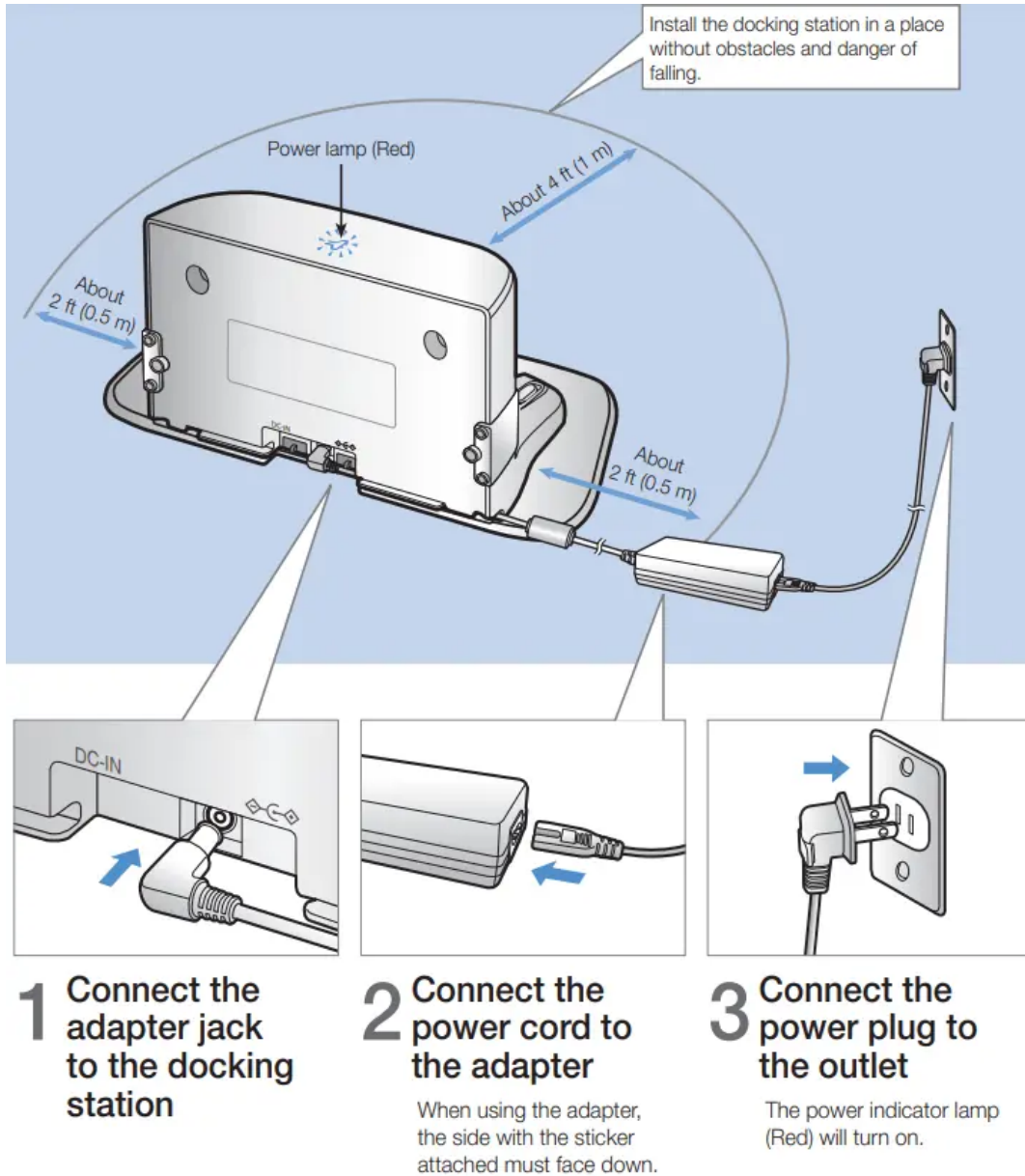










Installation

The docking station must be plugged in and turned on at all times.



Accessories

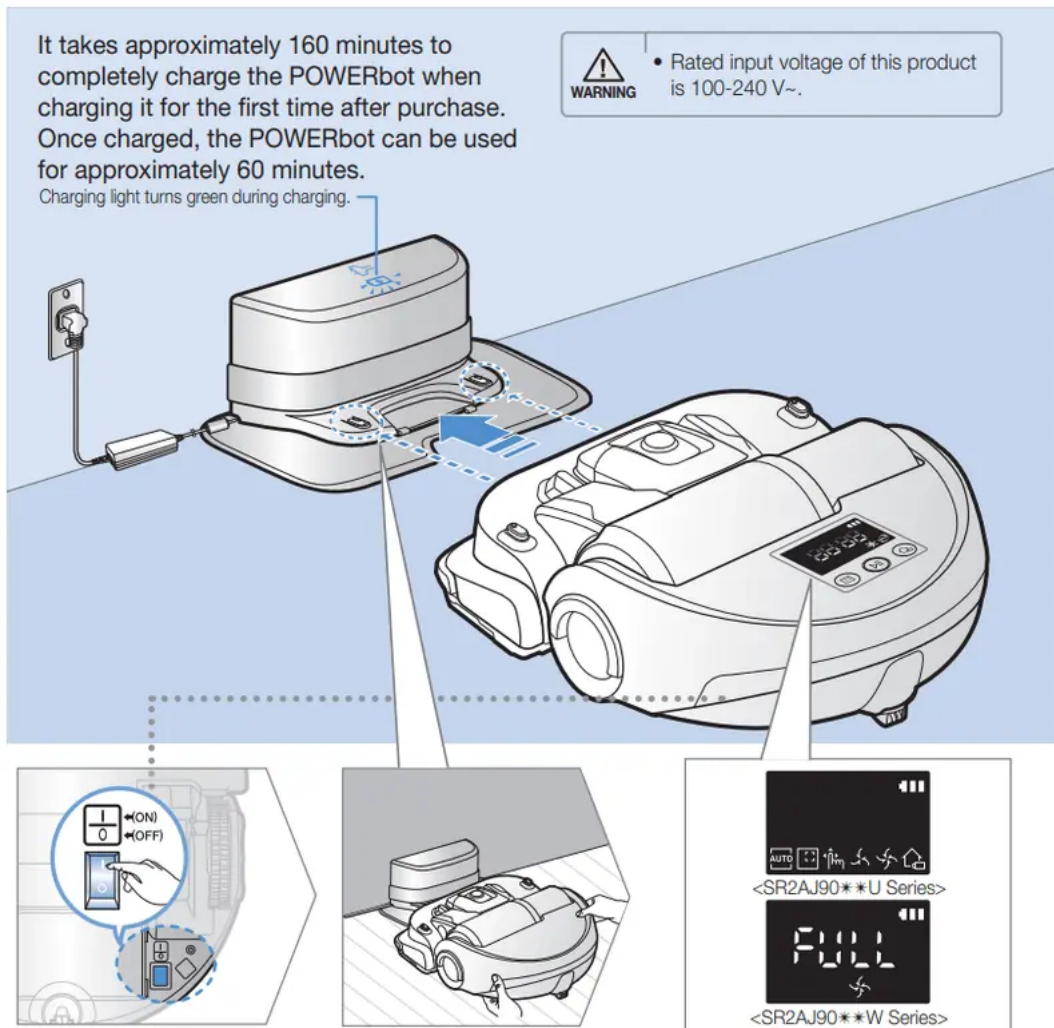




			
Remote control	Batteries (AAA type)	User manual	Spare filter (Option)
			
Cleaning brush	Docking station	Power cord	Adapter

Note

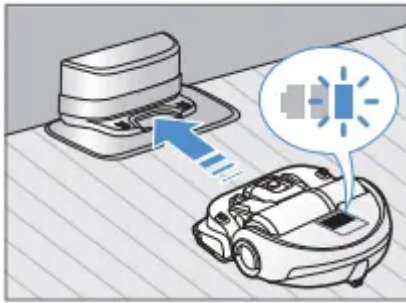
- Install the docking station in a place where the floor and wall are level.
- It is best to install the docking station along the grain of wooden floors.
- If the emergency switch is off, the POWERbot will not charge even if it is docked on the docking station.
- Always turn on the power of the docking station.
 - If power is not supplied to the docking station, the POWERbot cannot find it and cannot automatically recharge.
 - If the POWERbot is left detached from the docking station, the battery will drain naturally.
- If the POWERbot is in sleep mode, power will not come on even if the emergency switch is turned off and then on. Press and hold the [Start/Stop] button on the POWERbot to turn off the sleep mode.

Charging



<p>1. Turn on the emergency switch on the bottom</p> <p>You must turn on the emergency switch to turn on the POWERbot</p>	<p>2. Manually charge the POWERbot by placing it on the docking station</p> <p>Make sure the charging pins on the POWERbot and the docking station are aligned.</p>	<p>3. Check the charging status</p> <p>For SR2AJ90**U Series,  "appears in the sequence to show charging progress. All the icons appear when charging is complete. For SR2AJ90**W Series, "  " will turn on according to charging progress and "FULL" will turn on when charging is complete</p>
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Automatic charging



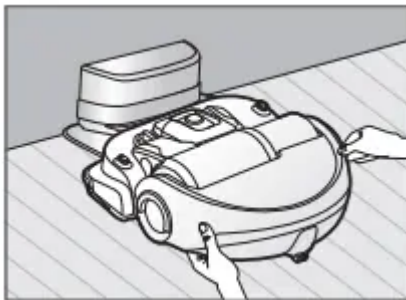
When the battery indicator blinks during cleaning, the POWERbot will return to the docking station to charge itself automatically.

Recharging



You can command the POWERbot to recharge at the docking station while it is in cleaning.

Low battery



Manually charge the POWERbot by placing it on the docking station.

Steps to take if recharging not occurring:

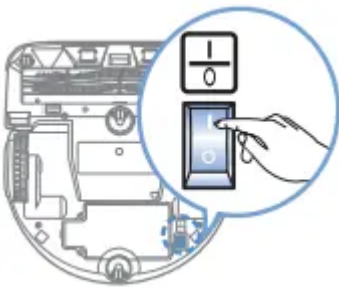
Check the installation status of the docking station when:

- the docking station is located in a place where the POWERbot cannot easily access it.
- the distance between the docking station and POWERbot is over 16.5 ft (5 m).
- It may take a long time for POWERbot to return to the docking station for recharging

Manually charge the POWERbot when:


- the docking station is located in a corner
- the battery is fully exhausted
- the POWERbot is immobilized by an obstacle (furniture etc.)
- the POWERbot can't climb a threshold near the docking station (The maximum height of a threshold the POWERbot can climb is about 0.6 inches (1.5 cm).)
- the battery indicator blinks
- the POWERbot is set to the Spot clean or Manual clean mode

Using POWERbot



You must turn on the emergency switch on the bottom of the unit before using POWERbot.


Turning the power on/off

Press the  button for more than 3 seconds

Starting Auto clean mode

Press and release this button. The POWERbot moves and cleans all set places until the battery is depleted



* Stop cleaning: Press and release the  button

Starting Spot clean mode

Press and release this button. The POWERbot cleans a localized area intensely.



Recharging

You can command POWERbot to recharge at the docking station automatically while it is cleaning by pressing this button



Selecting cleaning modes

Cleaning mode	How to select	Displayed icon	
		SR2AJ90**U Series	SR2AJ90**W Series
Auto clean			
Spot clean			
Manual clean	* The movement and direction of the POWERbot is controlled by the remote control.		

* When the POWERbot is being charged, you can select the Auto clean mode only.

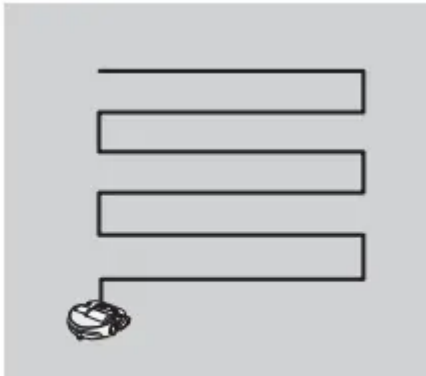
* If the POWERbot fails to return to the charger, it will be turned into the sleep mode. Then the display panel of the main body will be turned off. Press [Start/Stop] or [Power] button to cancel the sleep mode.

* Charging and cleaning times may differ according to conditions of use.



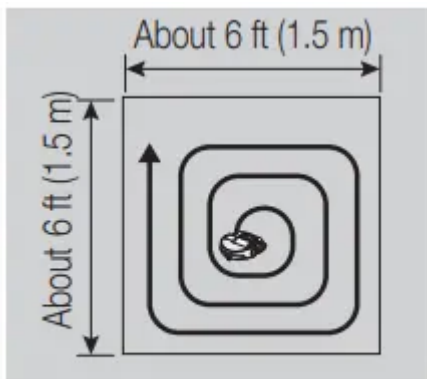
:Displayed icons in the sleep mode>

Cleaning method for each modes



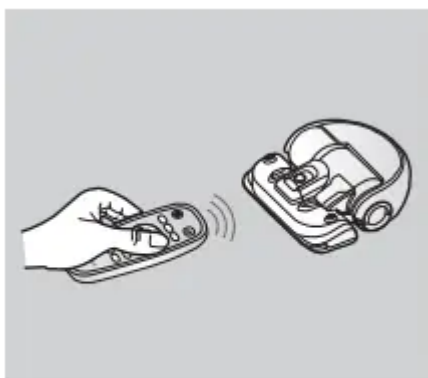
Auto clean

Cleans all set places until the battery is depleted.



Spot clean

Cleans a localized area intensely. It can be used to clean bread or cookie crumbs.

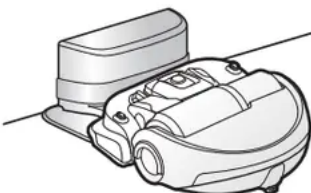





Manual clean

You can control the POWERbot with the remote control and direct it to clean a desired spot.

Using Energy-saving mode

You may select the Energy-saving mode to save energy during battery charging. Energy-saving mode turns off all functions except battery charging. It reduces the power consumption while you are away from home for an extended period of time.

How to select or cancel		Displayed icon	
		SR2AJ90**U Series	SR2AJ90**W Series
	Press for 5 sec. 		
		* About 3 seconds later, the previous indicator will appear.	







* When the POWERbot is in the Energy-saving mode, the green lamp of the docking station will blink.

Note





- If you select the Auto/Max/Manual clean mode or press Point cleaning button, the Energy-saving mode will be cancelled.
- During the Energy-saving mode, setting the schedule will cancel the Energy-saving mode.
 - If you select the Energy-saving mode after setting the schedule, the schedule will not be cancelled.
- If the power of the docking station is off, the Energy-saving mode will be cancelled.

Using the remote control





1. Power/Recharging

	[A Type]	[B Type]	
Power			Turn POWERbot's power on/off
Recharging			Select to recharge POWERbot at the docking station while it is cleaning.
Start/Stop			Select to start or stop cleaning




2. Cleaning modes

Auto clean	Auto 	Auto 	Select to clean all set places until the battery is depleted.
Spot clean	Spot 	Spot 	Select to clean a localized area intensely

3. Suction modes

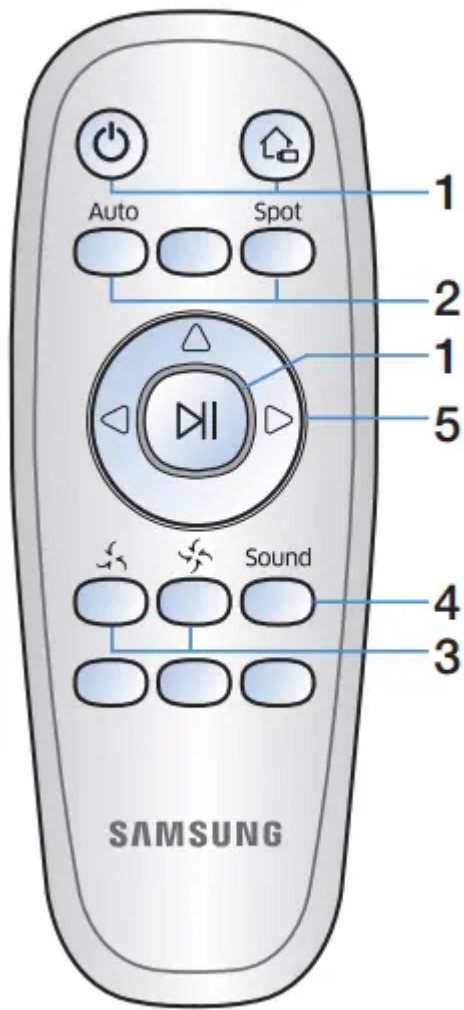
Silence mode			Select to clean with lower operational noise
Normal mode			Select to clean with normal suction power

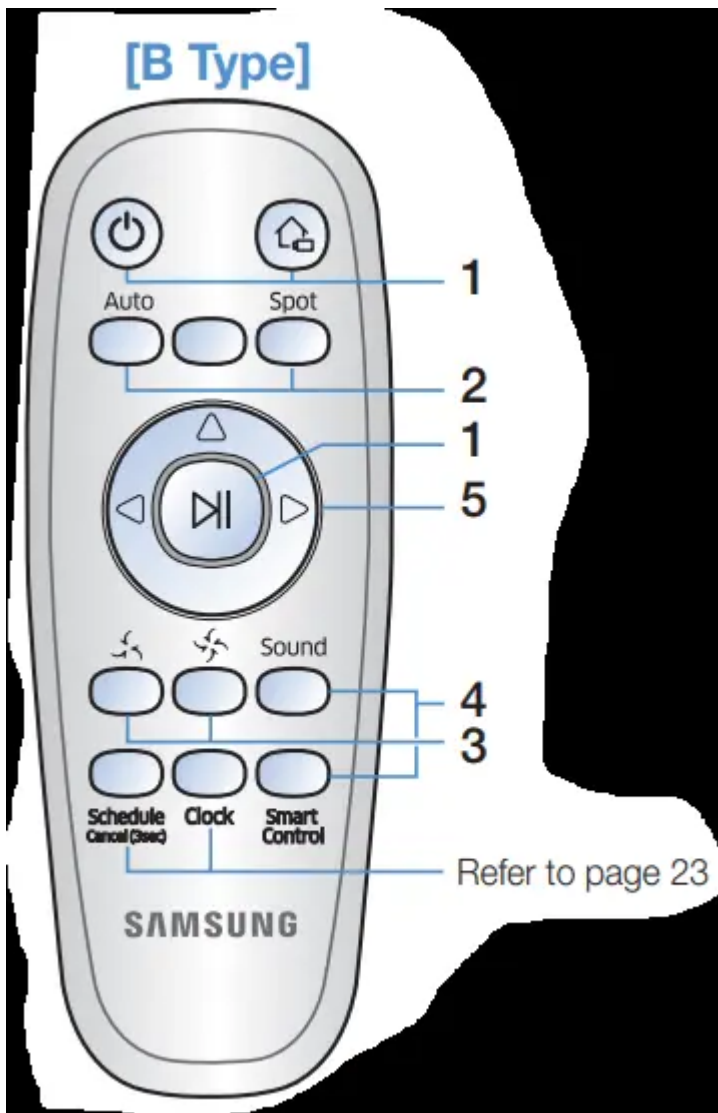
4. Additional functions

Sound	Sound 	Sound 	Each time you press this button, Sound Effects → Mute is selected in this sequence.
Smart control	-		Select to turn on or off the smart control * Wi-Fi connection should be done to control the POWERbot using Samsung Smart Home app.

5. Direction control

[A Type]



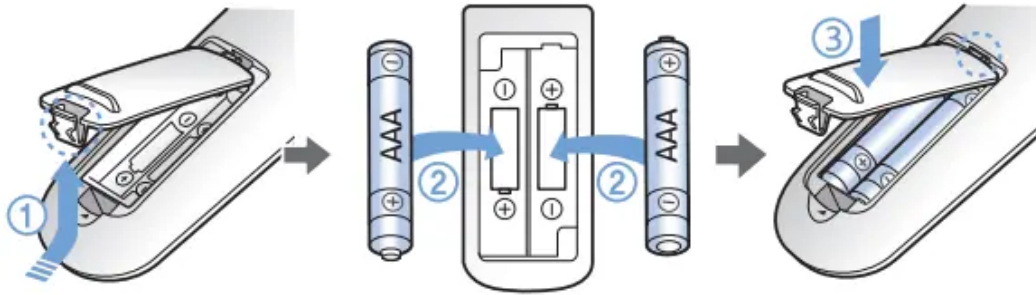


[A Type]	[B Type]	
		Select to move forward
		Select to turn left
		Select to turn right

* Moving backward is not available

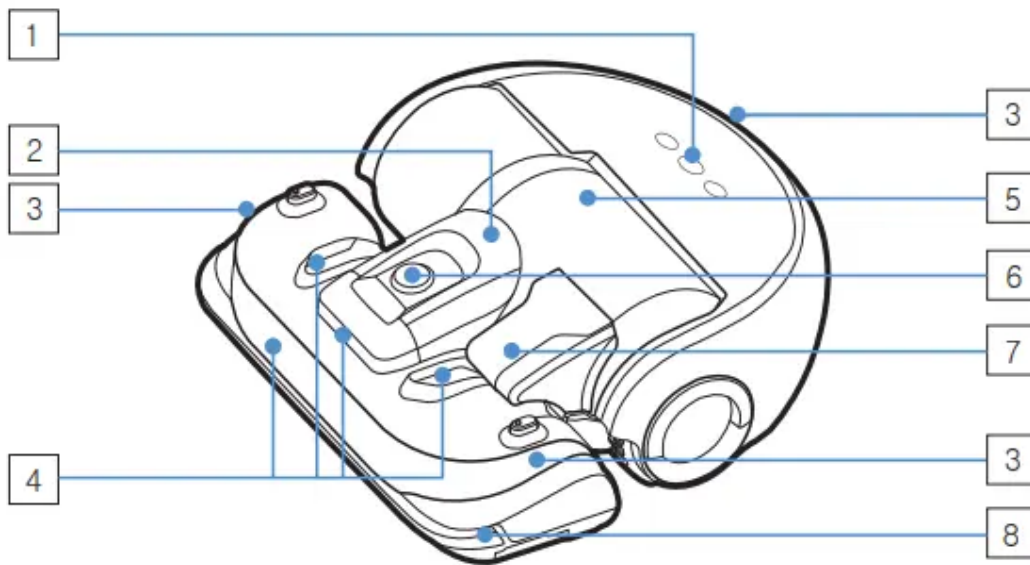
Inserting batteries

Open the battery cover by lifting it up while pressing the locking tab, and then insert the batteries as shown in the illustration. Then, close the cover until it clicks into place.



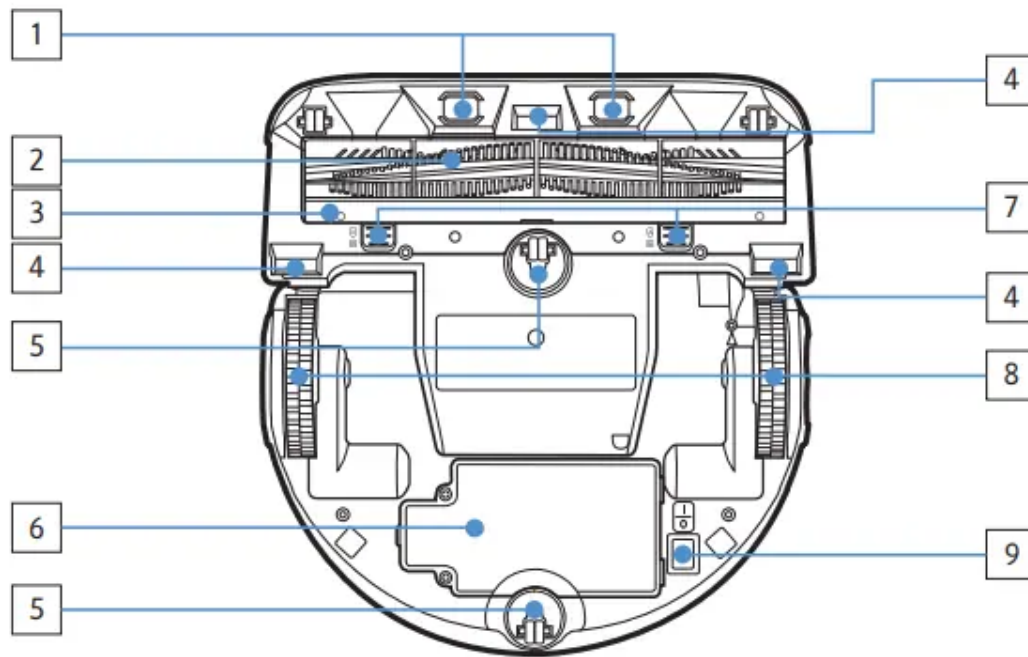
Name of each part

Top



1. Display panel
2. Dustbin holder
3. Remote control signal receiver
4. Obstacle sensor
5. Dustbin
6. Camera
7. Dustbin handle
8. Bumper sensor

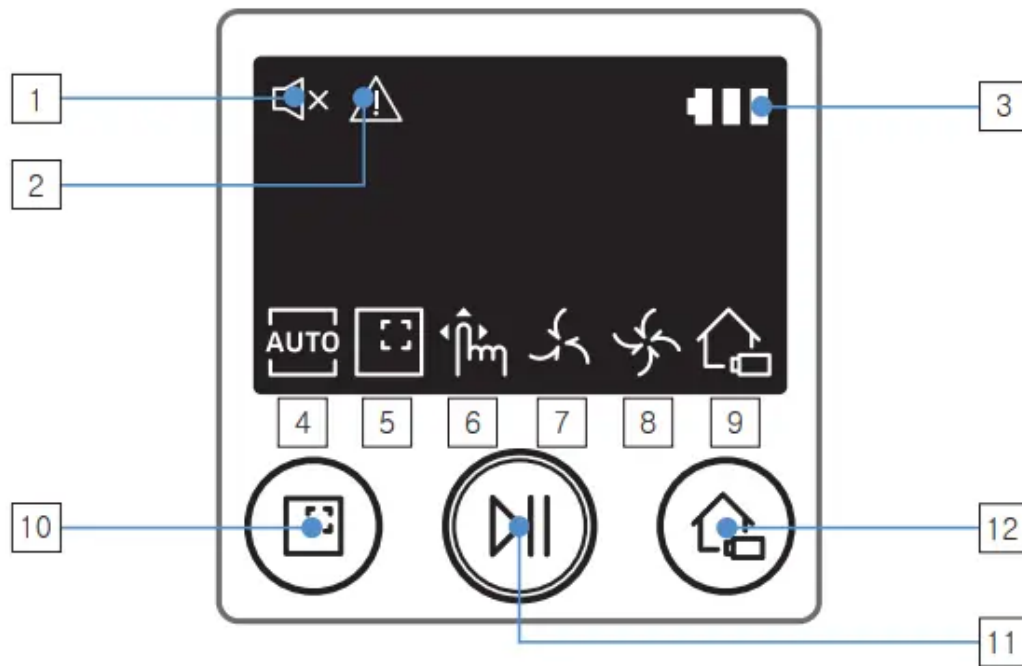
Bottom



1. Charge pins
2. Pet brush
3. Pet brush cover
4. Cliff sensor
5. Roller
6. Battery cover
7. Pet brush cover button
8. Driving wheel
9. Emergency switch

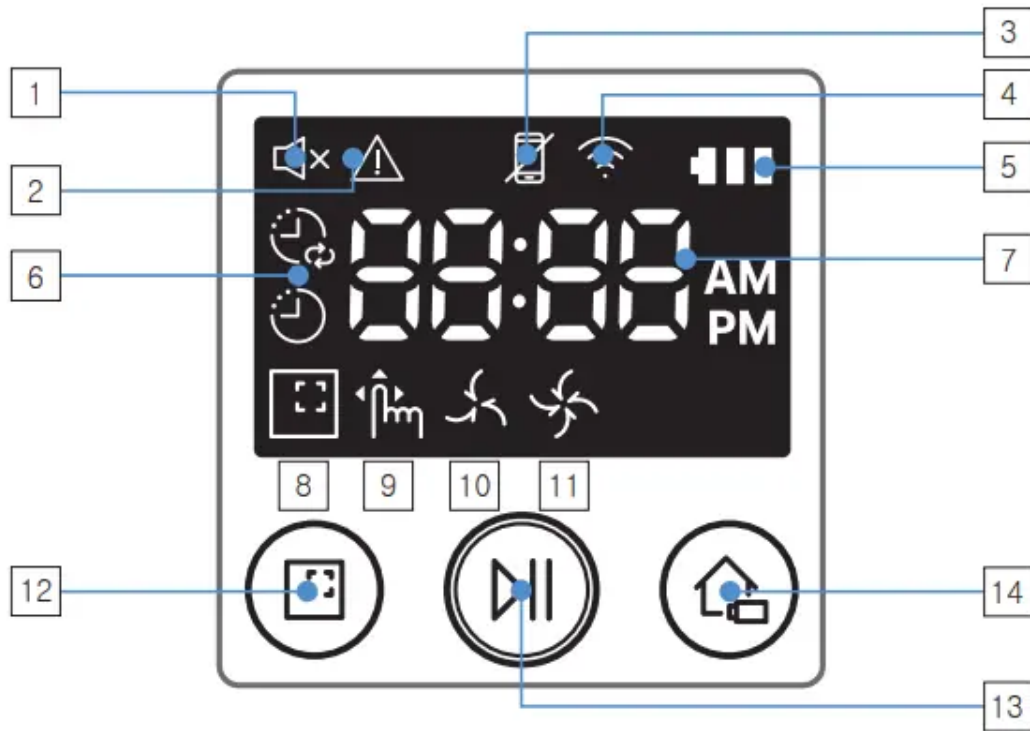
Display panel





<SR2AJ90**U Series>

- 1. Mute
- 2. Information indicator
- 3. Battery indicator
- 4. Auto clean
- 5. Spot clean
- 6. Manual clean
- 7. Silence mode
- 8. Normal mode
- 9. Recharging
- 10. Spot cleaning button
- 11. Start/Stop button
- 12. Recharging button



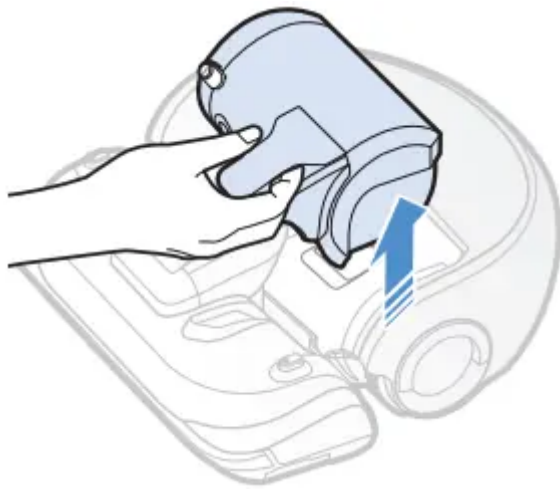
<SR2AJ90**W Series>

- 1. Mute
- 2. Information indicator
- 3. Smart Control
- 4. Wi-Fi indicator
- 5. Battery indicator
- 6. One-time/Daily schedule
- 7. Number display
- 8. Spot clean
- 9. Manual clean
- 10. Silence mode
- 11. Normal mode
- 12. Spot cleaning button
- 13. Start/Stop button
- 14. Recharging button

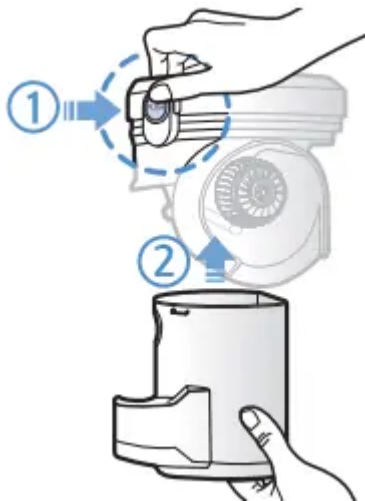
Cleaning and maintaining

You must turn off the emergency switch before cleaning POWERbot.

Cleaning the dustbin



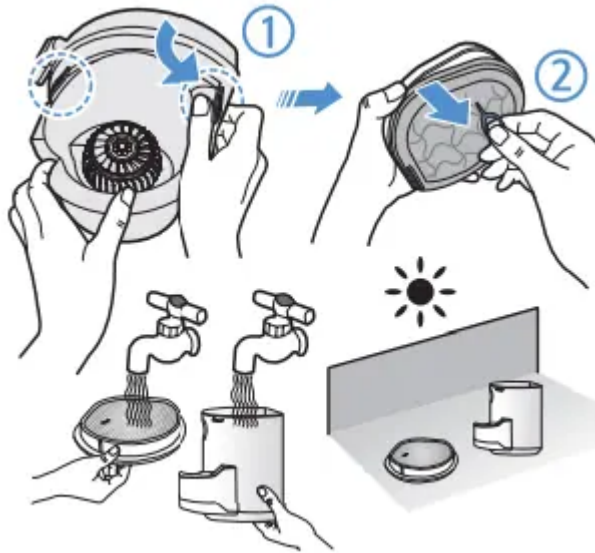
1. Remove the dustbin



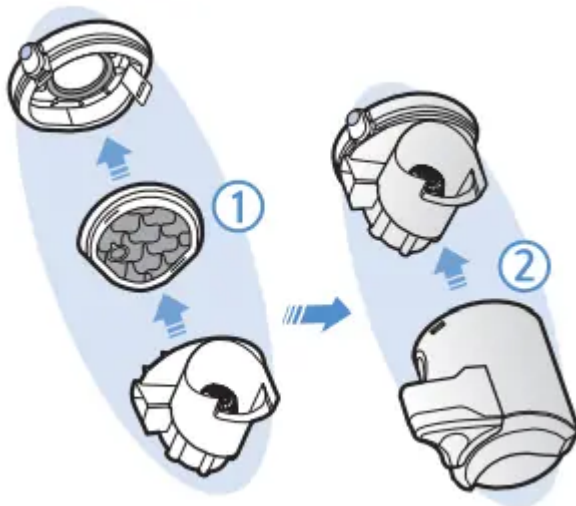
2. Remove the dustbin cover



3. Remove dust in the dustbin and cyclone unit



4. Detach the cyclone unit from the dustbin cover, and then wash the dustbin and the filter



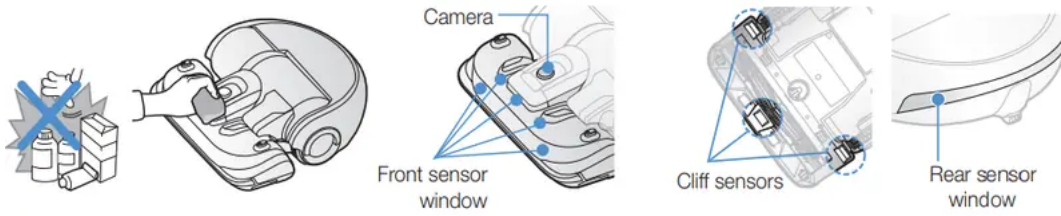
5. Reassemble the dustbin



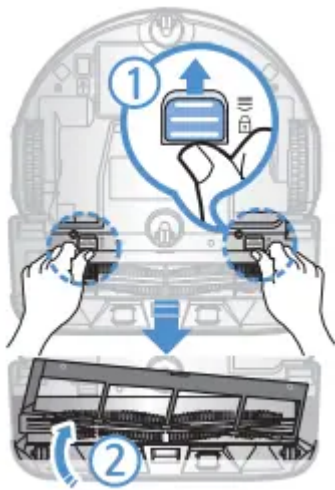
6. Reinsert the dustbin into the main body until it clicks

Cleaning the sensors and the camera

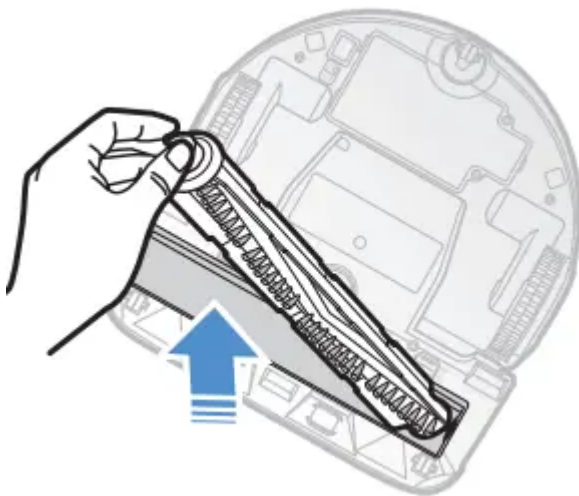
Lightly wipe with soft cloth. Do not use water or cleaning solutions.



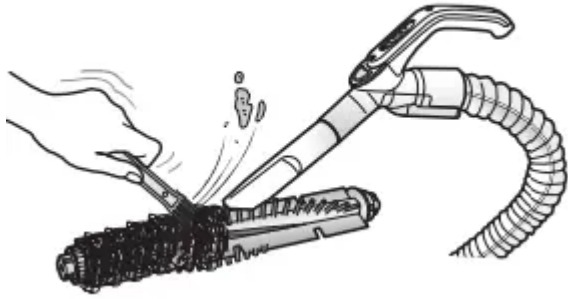
Cleaning the Pet brush



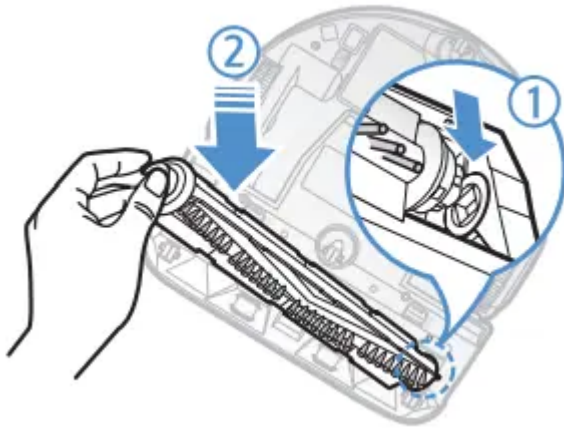
1. Remove the Pet brush cover



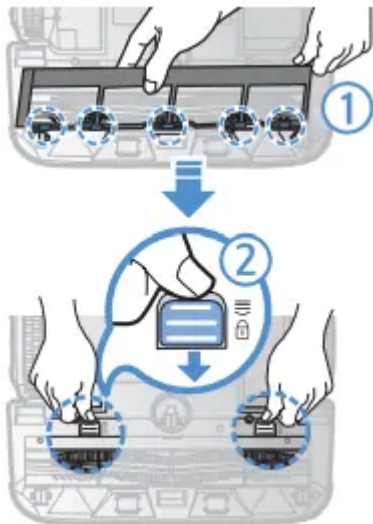
2. Remove the Pet brush



3. Clean the Pet brush

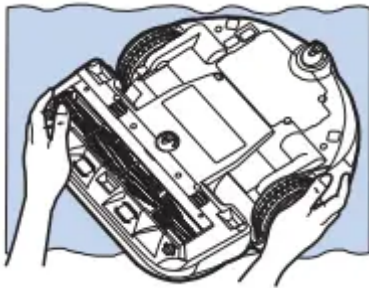


4. Reassemble the Pet brush

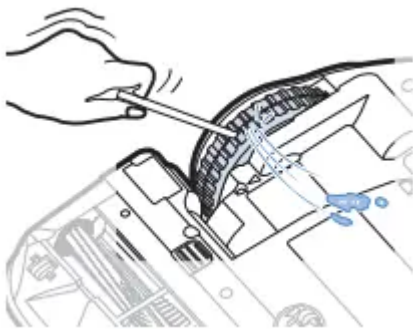


5. Reassemble the Pet brush cover

Cleaning the Driving wheel



1. Put a soft cloth on the floor and place POWERbot upside-down on the cloth.



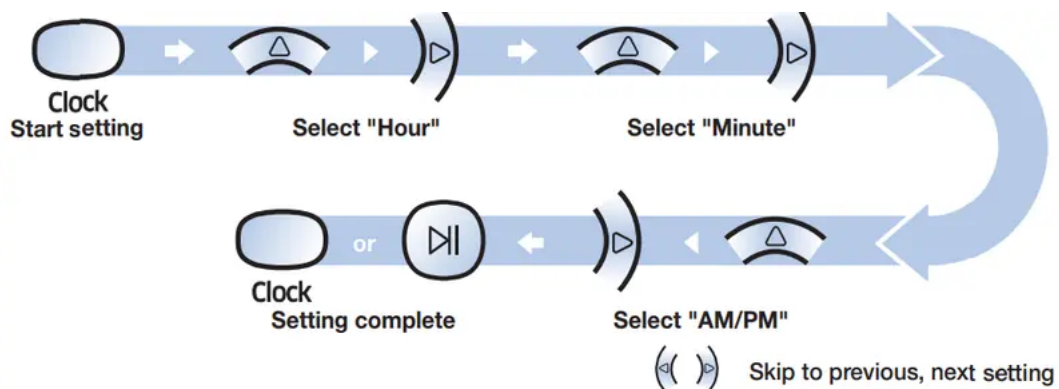
2. Use a blunt rod or tweezers to remove foreign matter.

Setting time/schedule

This function is only available for SR2AJ90**W Series.

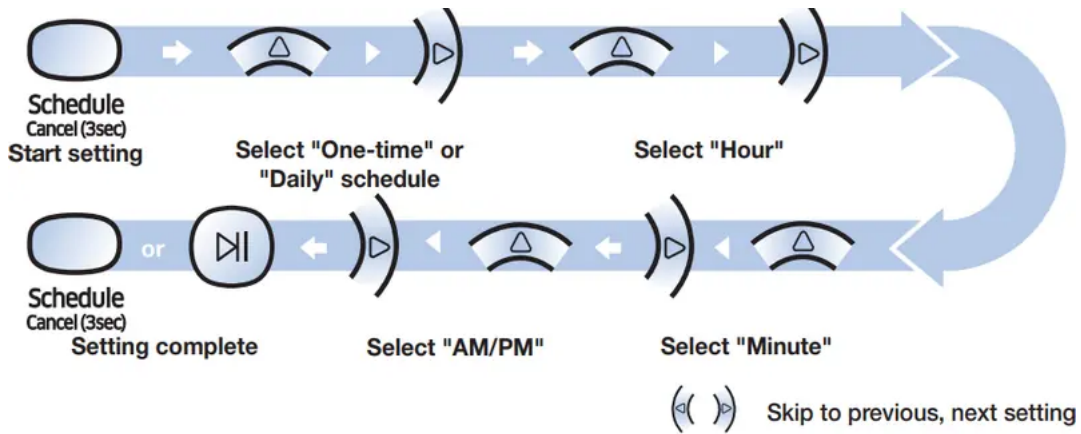
Setting the time



You must set the current time before using the One-time/daily schedule







Setting the schedule

Setting/cancelling the schedule can only be done while POWERbot is docked on the charger




 Cancelling during setup  Setting will be canceled automatically when there's no input for 1 minute.

Cancelling One-time/Daily schedule

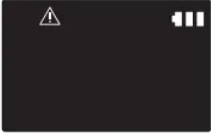


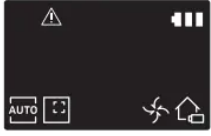



When both One-time/ Daily schedule is set	 Press for 3 sec.	→	 Select the schedule	→	 Cancel complete
When either one of One-time or Daily schedule is set	 Press for 3 sec.				

Information codes

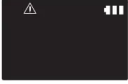
1. The information codes below appear on the display panel
2. If a code appears, turn off the emergency switch and check the instructions below and take appropriate action
3. The information code will disappear when you turn on the emergency switch

SR2AJ90**U Series



Information codes	Checklist
	<p>The POWERbot is caught, stuck, trapped or lifted while moving around.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and move the POWERbot to another area.
	<p>Foreign matter caught in the Power brush.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and remove the foreign matter from the Power brush.
	<p>Foreign matter caught in the left Driving wheel.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and remove the foreign matter from the Driving wheel.
	<p>Foreign matter caught in the right Driving wheel.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and remove the foreign matter from the Driving wheel.
	<p>Bumper sensor needs to be checked.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and turn it back on. • Contact a service center if information code does not disappear.
	<p>Foreign matter accumulated on the obstacle sensor.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and clean the front and rear sensor with a soft cloth.
	<p>Foreign matter accumulated on the cliff sensor.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and clean the cliff sensor with a soft cloth.

SR2AJ90W Series**

Information codes	Checklist
	<p>The POWERbot is caught, stuck or trapped while moving around.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and move the POWERbot to another area.
C01	<p>Foreign matter caught in the Power brush.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and remove the foreign matter from the Power brush.
C02	<p>Foreign matter caught in the left Driving wheel.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and remove the foreign matter from the Driving wheel.
C03	<p>Foreign matter caught in the right Driving wheel.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and remove the foreign matter from the Driving wheel.
C05	<p>Bumper sensor needs to be checked.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and turn it back on. • When information code does not disappear, check if there's any small foreign matter between the bumper and the main body. If there is, pull the bumper slightly and remove the foreign matter.
C06	<p>Foreign matter accumulated on the obstacle sensor.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and clean the front and rear sensor with a soft cloth.
C07	<p>Foreign matter accumulated on the cliff sensor.</p> <ul style="list-style-type: none"> • Turn off the emergency switch and clean the cliff sensor with a soft cloth.



Troubleshooting



Symptom	Checklist
The POWERbot is not working at all.	<ul style="list-style-type: none"> • Check if the emergency switch is on. • Check if all the icons are displayed on the display panel. • Check if the POWERbot's battery is depleted. • Replace the batteries (AAA type) if the remote controller is not working.
The POWERbot has stopped during cleaning.	<ul style="list-style-type: none"> • When POWERbot is immobilized by an obstacle such as a cord, threshold etc, pick it up and move it away from the obstacle. <ul style="list-style-type: none"> ◦ If any fabric or string is caught in a drive wheel, turn off the emergency switch and remove the fabric or string before using it again
Suction power is weak	<ul style="list-style-type: none"> • When there's too much dust in the dustbin, suction power may get weakened. Turn off the emergency switch and empty the dustbin. • If the intake (on bottom of POWERbot) is blocked by foreign matter, turn off the emergency switch and remove foreign matter from the intake. • When noise suddenly increase, turn off the emergency switch and empty the dustbin. • If the dustbin is assembled incorrectly, suction power may get weakened. Turn off the emergency switch and refer to page 21 for reassembling.
The POWERbot cannot find the docking station.	<ul style="list-style-type: none"> • Check if there's a power failure or whether the power plug is unplugged. • Remove any obstacles around the docking station that may prevent POWERbot from returning to the docking station. • When there's foreign matter on the charge pins, charging can be affected. Clean the foreign matter off the pins

<p>The POWERbot suddenly cleans diagonally.</p>	<ul style="list-style-type: none"> • Check if the docking station is installed along the grain of wooden floors or tiles. • The POWERbot may clean in a diagonal direction if it is moving to another area using the shortest route. It may also move at a diagonal if it made contact with an obstacles at that angle, if it was charged at the charger at an angle, or if the grain of the wooden/tile floor skewed is in that direction.
<p>POWERbot does not clean a certain area.</p>	<ul style="list-style-type: none"> • Check if the charger is installed near a narrow passage or door, and reinstall it in the other areas. <ul style="list-style-type: none"> ◦ If the charger is installed near a narrow passage or door, the POWERbot cannot pass through the passage or threshold.
<p>I have installed the Samsung Smart Home app, but, the POWERbot fails to be connected.</p>	<p>You can use the product after connecting the wireless router and the POWERbot through Easy-Setup according to the procedure.</p>
<p>I fail to log into the Samsung account</p>	<p>Check your ID and password on the screen of the Samsung account.</p>
<p>There appears a message saying there is a failure during Easy-Setup.</p>	<p>You may have failed temporarily due to the distance from the wireless router or other obstacles. Please try again after a while.</p>
<p>The products do not work even though the smart phone is normally connected to the POWERbot.</p>	<p>Turn off the Samsung Smart Home app and then run it again, or disconnect the smart phone from the wireless router and then connect it again. Or turn off the power supply of the POWERbot, turn it on, wait for a minute or longer, and then run the Smart Home app again.</p>
<p>The functions of the Samsung Smart Home App do not work</p>	<p>Check if the Smart control blocking function of the POWERbot is set. (If the WiFi indicator is turned off, the Smart control is locked.)</p>
	<p>Check if the POWERbot is connected to the wireless router</p>



The Samsung Smart Robot Vacuum App fails to get started.	
POWERbot is not connected to Wi-Fi.	Check the setting status of the wireless router

Specifications

Classification	Item	Detail information
Mechanical specifications (POWERbot)	Size (Depth x Height x Length)	15 in x 5.35 in x 14.25 in
	Weight	9.9 lbs.
	Sensor	Ceiling shape recognition (Visionary mapping plus TM)
	Button type of POWERbot	Touch type
Power specifications	Power voltage	100-240 V~, 50 Hz/60 Hz
	Power consumption	80 W
	Battery specifications	Lithium ion 21.6 V/ 84 Wh
Cleaning	Charging type	Automatic charging/Manual charging
	Cleaning mode	Auto, Spot, Manual
	Charging time	Approximately 160 minutes
	Cleaning time	Approximately 60 minutes (Normal mode/ On the basis of hard floor)

* Charging and cleaning times may differ according to conditions of use. * This vacuum cleaner is compliant with the following regulations:

- RTTE Directive : 1999/5/EC
- Electromagnetic Compatibility Directive : 2004/108/EEC
- Low Voltage Directive : 2006/95/EC

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.