

SMART ROBOTIC VACUUM CLEANER WITH REMOTE CONTROL
PPV3200



SMART ROBOTIC VACUUM CLEANER



Effortless, convenience & comfort

Continuous operate up to **120 mins**

M: PPV3200



Note: These instructions must be read fully before using product. Retain these instruction manual for future reference.

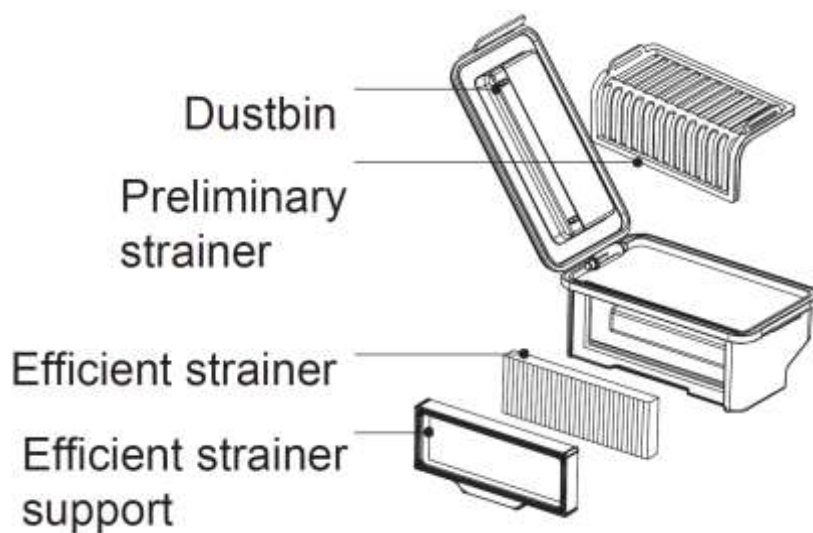
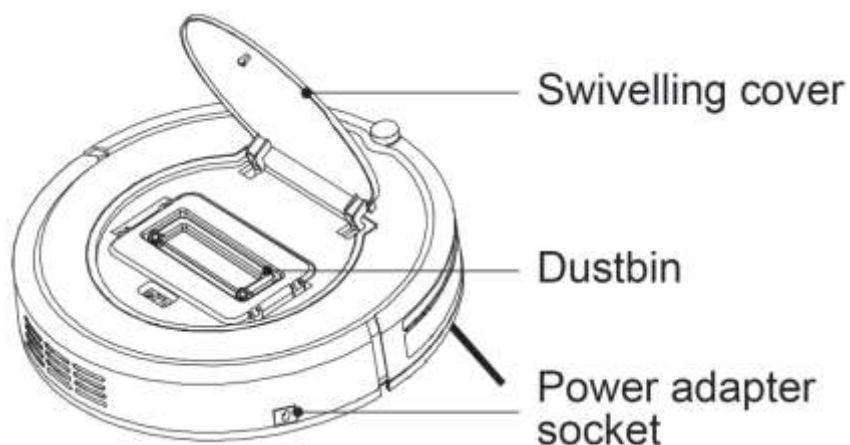
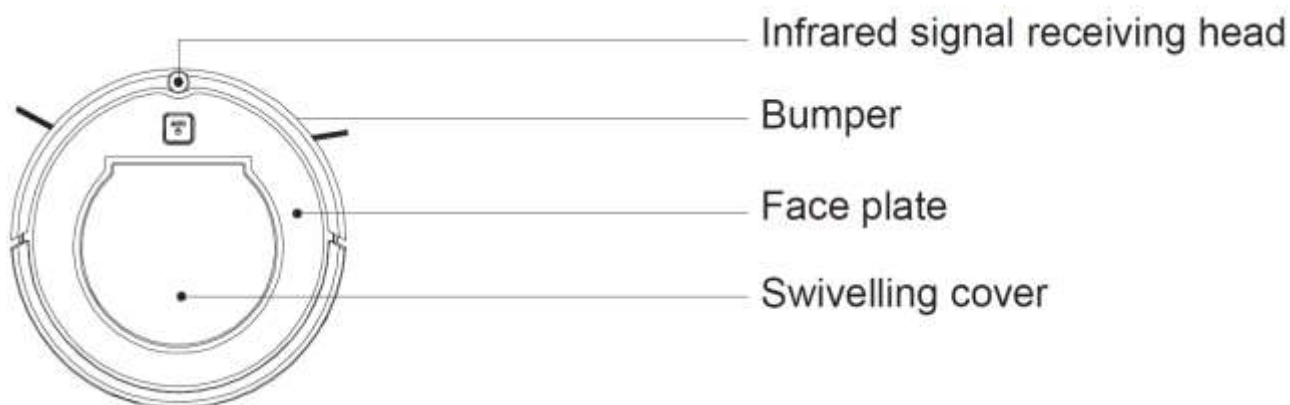
THIS IS HOME TRULY

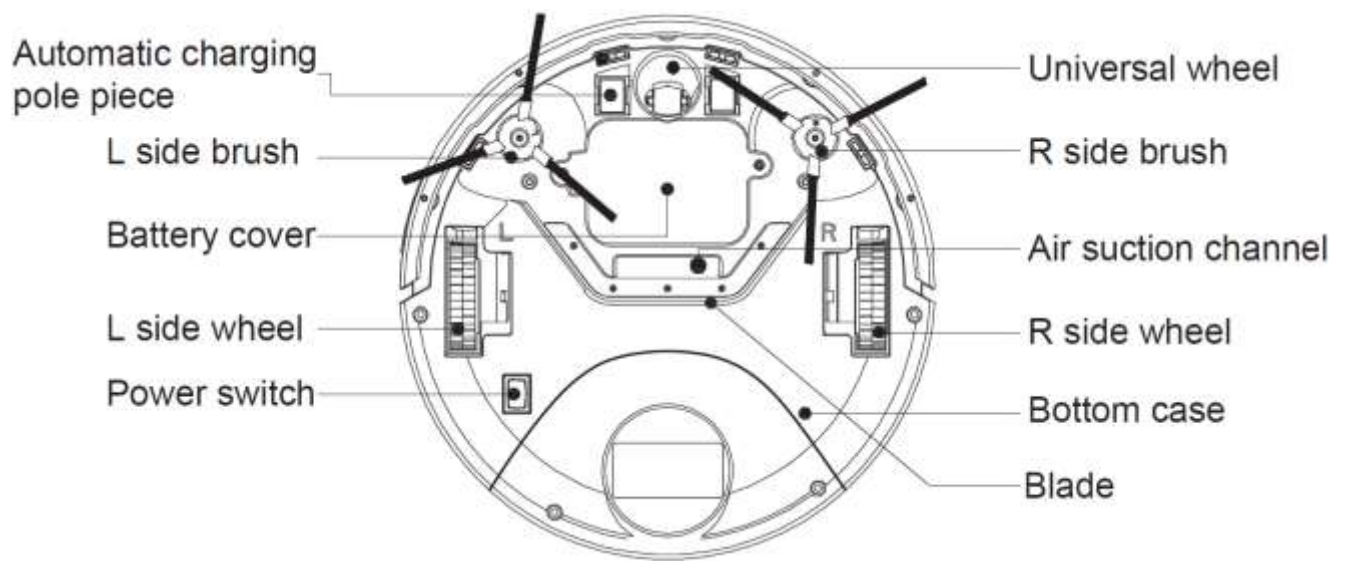


Parts & Description



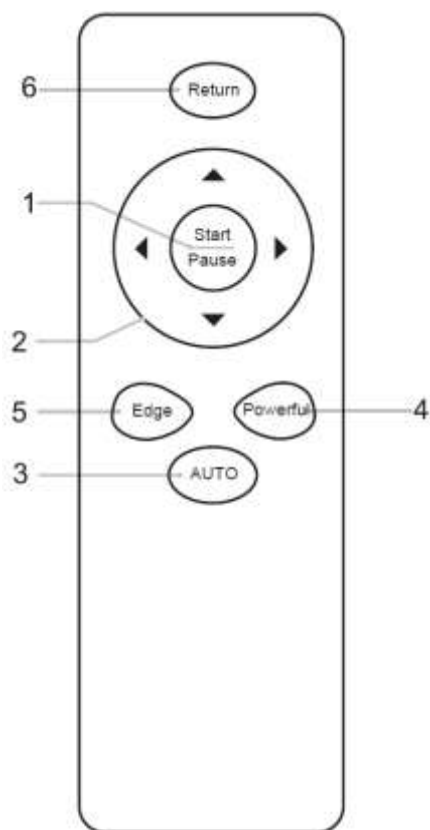
Start/Pause button – signals appliance to start, stop or vacuum





The Underside of the appliance

How to Operate the Remote Control



Note:

- Please have on hand two pieces of AA batteries for the Remote Control.
- If the Remote Control is not going to be used for a long period of time, please remove the batteries from the Remote Control.

	Button	Standby Mode	Operating Mode
1.	"Start/Pause"	appliance starts vacuuming	appliance stops vacuuming and enters the Standby mode
		Under the Sleep Mode , appliance enters the Standby mode	
2.	"▲" Forward	appliance moves forward	appliance moves forward
	"▼" Backward	appliance moves backward	appliance moves backward
	"◀" Left	appliance rotates to the left	appliance rotates to the left
	"▶" Right	appliance rotates to the right	appliance rotates to the right
3.	"AUTO"	appliance starts vacuuming	appliance starts vacuuming
4.	"Powerful"	appliance starts vacuuming vigorously	appliance starts vacuuming vigorously
5.	"Edge"	appliance starts edge vacuuming	appliance starts edge vacuuming
6.	"Return"	appliance returns to the Charging Dock for charging	appliance returns to the Charging Dock for charging



Warnings

ATTENTION :

Read this booklet carefully as it contains important instructions for a safe installation, use and maintenance.

Important instructions to be kept for future reference.

The following basic precautions should always be followed when using electrical appliances:

1. Read all instructions before using the appliance.
2. This appliance must be used only for the purpose it was expressly designed; any use NOT complying with the instructions contained in the manual is considered inappropriate and dangerous. The manufacturer is NOT responsible for possible damages caused by the inappropriate and/or unreasonable use.
3. This appliance is NOT suitable to be used or stored near heat sources (open flame, ovens, heaters, stoves, etc.) and/or in an explosive environment (in the presence of flammable substances such as gas, vapour, mist or dust, in atmospheric conditions when, after ignition, the combustion is spread in the air). Items containing these substances should never be placed in the appliance, and never be used to clean the appliance in order to avert the risk of fire or explosion.
4. This appliance must NOT be used for vacuuming burning, smoking, toxic, volatile or flammable substances. The appliance must NOT be used to clear sewers. An explosion may occur if the appliance suctions sewer gases. Sewer gases inhalation may lead to unconsciousness and death.
5. It is NOT recommended to use the appliance for cleaning open stoves or other devices that contains oil or grease, soot, clay dust, plaster or other similar materials that are resistant to water action.
6. DO NOT vacuum mud, gypsum material, wall powder, blade, kindling, clumps of hair, large pieces of paper and other items such as sharp metal objects as that may make the air inlet or outlet, brushes & strainers get blocked and the motor gets burned. An indication of blockage may manifest as an abnormal sound or poor suction. If these small particles were absorbed, please disconnect the power cord and remove them from the Dustbin, air inlet or outlet, brushes & strainers immediately.
7. The packing materials (plastic bags, expanded polystyrene, etc.) must be kept out of the reach of children or disabled persons since they represent potential sources of danger.
8. The installation/assembly of the appliance will be made in accordance with the indications of the manufacturer. A wrong procedure may cause damages to persons, animals or objects, for which the manufacturer cannot be considered responsible.
9. Place and use the appliance on a horizontal, stable and heat-resistant surface.
10. Before use, check the integrity of the appliance and power adapter (consisting of the adapter, plug and cable). In case you are not sure, contact a qualified person. If the power adapter is damaged, it must be replaced by the manufacturer or its service



agent or a qualified technician in order to avoid a shock hazard.

11. Before charging the appliance make sure the rating (voltage and frequency) corresponding to the grid and the socket is suitable for the plug of the appliance, and that the wall socket is properly grounded.
12. DO NOT power the appliance using multiple sockets. If possible, avoid the use of adapters and/or extension cables; if their use is absolutely necessary, use only materials in compliance with the current safety regulations and according to the electrical parameters of the adapters.
13. The appliance must NOT be switched on using external timers and/or other remote control appliances which are not specified in this manual.
14. Only use original components & accessories provided by the manufacturer. Any non-original components & accessories NOT recommended by the manufacturer may cause injuries to persons or damage to the appliance.
15. If you are using the appliance for the first time, you should:
 - a. Charge the appliance for more than 12 continuous hours;
 - b. Before using this appliance, please remove all items situated on the floor which may topple, break or spill their contents (e.g. cups, vases, ornaments, etc. made of glass, ceramic) on the floor and those that may entangle the side brush and air suction channel (e.g. electric wire, paper scraps, small pieces of cloth, etc.).

Use the appliance only if the Dustbin, Preliminary strainer & Efficient strainer are installed! This is especially so if the surroundings to be vacuumed is extremely dusty. Failure to do so will only send the dust back out after being suctioned. DO NOT use other filters/strainers except the ones attached to the appliance by the manufacturer.

- c. Use the appliance only if the turbine (motor) is in a good working condition before turning on this appliance. Failure to do this could cause a risk of injury to persons and would defeat the utility of the appliance.
- d. When the appliance is in operation, please pay attention to the presence of babies, children, the elderly and infirm, and animals to avoid a person or animal being hit, tripping or falling inadvertently when the appliances makes contact with them. Please do not touch wheels and side brushes by hand, so as to avoid injury.
- e. Switch off the appliance and unplug the power adapter from the electric mains when not in use and before filling, emptying and cleaning the appliance
- f. Should there be a need to stop the appliance from operating, simply press the "Start/Pause" button.

Make sure to remove any label or protective sheet which may prevent its proper functioning.

DO NOT:

- charge the appliance before making sure power supply switch at the bottom of the appliance is turned OFF;
- cover the appliance during functioning;



- obstruct totally nor partially the air inlet or outlet with anything that may reduce the suction, such as dust, lint, hair, etc.;
 - allow the appliance to enter and operate on wet surfaces, e.g. in a wet kitchen, bathroom, locker room, etc.;
 - allow toddlers or small children to stand on the appliance, especially when it is in operation. Although this advice may seem ridiculous to adults, however young children usually view situations differently, and may view riding on a moving appliance to be particularly appealing;
 - allow the appliance to vacuum stairs as the appliance may fall and gets damaged, cause damages to other objects, or cause injuries to people and animals;
 - insert objects or body parts inside the protection cover of the appliance;
 - use the appliance for more than 120 minutes without turning it off for at least 30minutes for a total usage of 4hours in a single day – failure to heed this warning may result in motor failure;
 - leave the appliance unsupervised during operation.
14. Plug and unplug the power adapter holding it firmly with dry hands. Always unplug the power adapter to avoid overheating and avoid stretching it. DO NOT pull it, tug it or use it to drag the appliance to which is connected. Before unplugging the appliance, switch off the electric mains.
 15. DO NOT use the power adapter as a handle, pull or carry the appliance by the power adapter cable, pull the cable around sharp edges, abrasive surfaces or corners, run the appliance over the cable or close a door on the cable. Keep the cable away from heated surfaces, abrasive or sharp surfaces or in positions where it can be damaged easily.
 16. During operation, DO NOT touch the appliance with wet body parts, and it is recommended to have between you and the standing surface, an isolating element (for example, wearing shoes with rubber soles).
 17. DO NOT use the appliance to clean up liquids outdoors, upon an earth floor. If it should be necessary to step on a wet or damp floor to pick up water, do not touch the metallic parts of ANY electric device, lamp or switch while performing this operation.
 18. DO NOT soak the appliance in water or other liquids, wash it under the tap, or let any liquid flow into the internal casing of the appliance to prevent electric shock. In case of accidental fall in water, DO NOT try to take it out, but first of all switch off the electric mains and unplug immediately the power adapter from the socket.
 19. The appliance should NOT be placed on a surface or in the vicinity of objects which can be damaged by heat.
 20. Avoid placing the power adapter on abrasive or sharp surfaces or in positions where it can be damaged easily. The cable must NOT be placed under carpets, or covered with throw rugs, runners or similar. Arrange the power adapter cable away from the high traffic area, and where it will NOT be tripped over.
 21. Always remember to turn off the Power switch at the bottom of the appliance if it is NOT used for a long period, before storing, cleaning or performing any maintenance

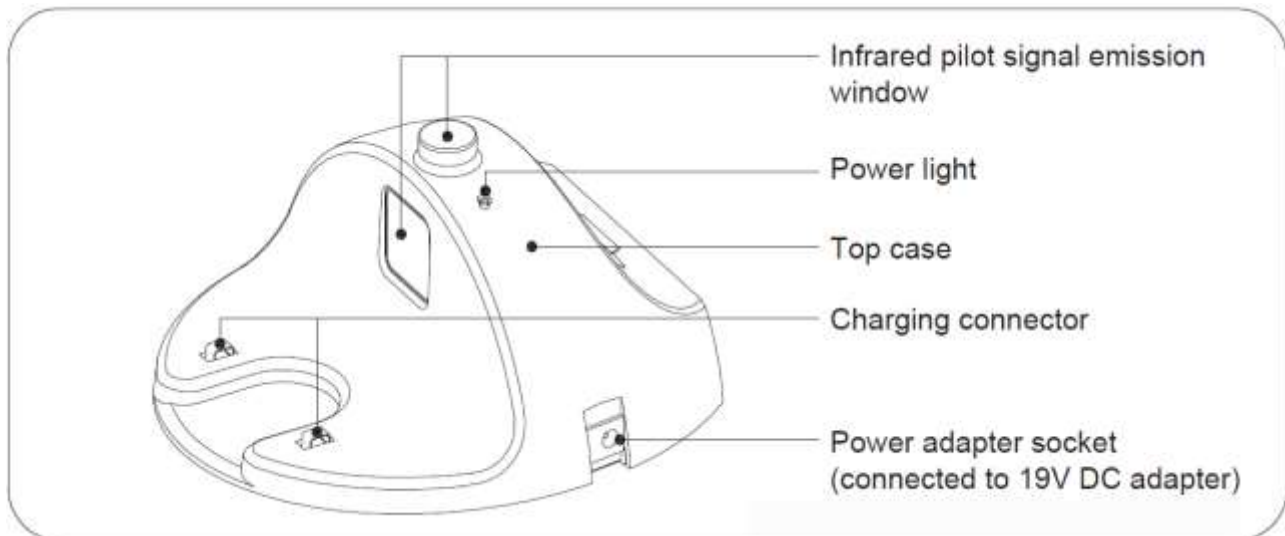


operation.

22. Avoid carrying out operations which are NOT specified in this manual (such as disassembling and/or altering).
23. In case of malfunction or anomaly during the functioning, switch off the appliance immediately, turn off the power and check the cause of the anomaly, if possible, with the support of a qualified person.
24. If smoke is observed coming out of the appliance whilst charging, switch off the electric mains, unplug immediately the power adapter from the socket. If smoke is observed coming out of the appliance whilst in operation, switch off power supply switch at the bottom of the appliance.
25. This appliance is NOT intended for commercial use but to be used in households and similar applications, such as:
 - Staff kitchen areas in shops, offices and other working environments;
 - Dormitories;
 - By clients in hotels, motels and other residential environments;
 - Bed and breakfast type environment.
26. DO NOT use or store the appliance outdoors. Store and use the appliance only indoors, or in any case, protected from weathering such as rain, direct radiation of the sun and dust.
27. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall NOT play with the appliance. Cleaning and user maintenance shall NOT be made by children unless they are older than 8 and supervised. Keep the appliance and its cable out of reach of children less than 8 years old.
28. Save these instructions.

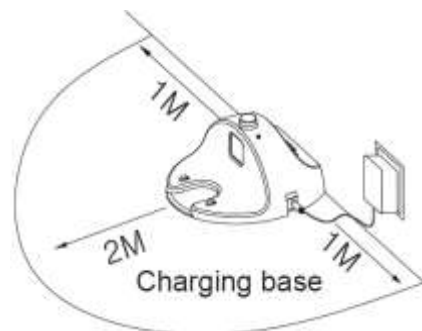


The Charging Dock



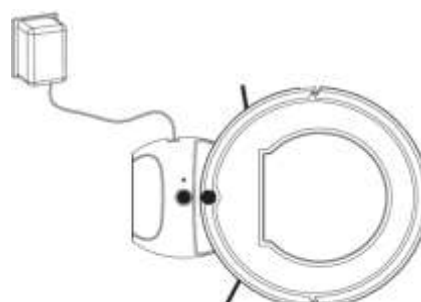
- Charging** Place the Charging Dock against the wall and remove all obstructions 1 meter from the left and right sides, and 2 meters from the front of the Charging Dock.

Then connect the Power adapter socket to the electric mains and insert the other end into the Charging Dock and switch it on, as shown in the figure below. The Charging Dock illuminates.



Switch on the Power switch at the bottom of the appliance. The appliance illuminates and the appliance enters Standby Mode.

Press the "Return" button of the Remote Control and the appliance will return to the Charging Dock for charging, as shown in in the figure below.



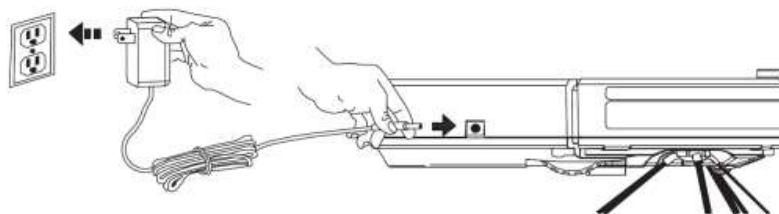
In the midst of the charging process, pressing:

- the “Start/Pause” button on the Remote Control, or
- the “Start/Pause AUTO” button  on the appliance,

starts the vacuuming process, with the appliance assuming control and it will adjust the type of vacuuming phase according to the environment of different floors and rooms.

However, it is highly recommended not to abort the charging process until the appliance is fully charged, before commencing vacuuming.

Alternatively, switch on the appliance’s Power switch, connect the Power adapter socket to the electric mains and insert the other end into the charging port of the appliance, as shown in in the figure below.



When the appliance is being charged in this manner, with the Power adapter cable directly connecting the appliance and the electric mains without the Charging Dock, pressing:

- the “Start/Pause” button on the Remote Control, or
- the “Start/Pause AUTO” button  on the appliance,

will NOT start the vacuuming process.

- a. When the battery power is low, the red backlit illumination of the “Start/Pause” button flickers. The appliance will automatically start looking for the Charging Dock.

Please ensure that the Power adapter socket is connected to the electric mains and the other end inserted into the Charging Dock and switched on; and the area around the Charging Dock is free of obstructions which might impede the movement of the appliance to the Charging Dock.

- b. During the charging process, the green backlit illumination of the “Start/Pause” button flickers.
- c. When the appliance has been fully charged, the green backlit illumination of the “Start/Pause” button will be constant.
- d. When the appliance is being charged for the first time, please



ensure that it's charged for an uninterrupted duration of at least 12 hours.

- e. If you remove the Power adapter socket from the electric mains while the appliance is being charged with the Power switch turned on, the backlit illumination of the "Start/Pause" button will flicker alternately red & green in order to remind you to turn off the Power switch if you do not intend to use the appliance.
- f. Please charge the appliance fully after every use.
- g. In order to prolong the life of the battery, please charge it every 2 months even if the appliance was NOT in use.

2. Start / Pause Sleep

Switch on the Power switch at the bottom of the appliance. The appliance enters the Standby mode. By pressing:

- the "Start/Pause" button on the Remote Control, or
- the "Start/Pause AUTO" button  on the appliance,

the appliance enters the Operating mode and starts the vacuuming process, with the appliance assuming control in the "AUTO" phase where it will adjust the type of vacuuming phase according to the environment of different floors and rooms. You can change the vacuuming phase from "AUTO" to "Powerful" or "Edge" within the Operating mode by pressing the "Powerful" button or "Edge" button on the Remote Control.

By pressing the "Start/Pause" button or "Start/Pause AUTO" button again causes the appliance to enter the Standby mode. If the button is pressed again within 20 – 25 seconds, the appliance returns to the Operating mode. If not, the appliance enters the Sleep mode. The appliance toggles between the 3 modes according to the sequence below:

Standby mode → Operating mode →

Standby mode → *Operating mode

*(if the "Start/Pause" button or "Start/Pause AUTO" button is pressed within 20 – 25 seconds of entry into Standby mode), or

Standby mode → Operating mode →

Standby mode → **Sleep mode

** (if the "Start/Pause" button or the "Start/Pause AUTO" button is NOT pressed within 20 – 25 seconds of entry into Standby mode.

Sleep mode: the Power switch is on, the display is NOT illuminated, the appliance is at rest.

Standby mode: the Power switch is on, the display is illuminated, the appliance is at rest.

Operating mode: the Power switch is on, the display is illuminated, the appliance is vacuuming.

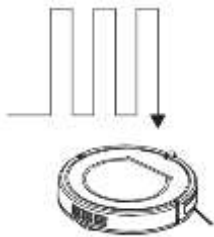


- a. Switch the power on and press the “Start/Pause” button on the Remote Control or the “Start/Pause AUTO” button on the appliance.
- b. When the appliance works normally, the orange backlit illumination of the “Start/Pause” button will be constant.
- c. On pressing the “Start/Pause” button, the appliance stops moving. Upon pressing the “Start/Pause” button again within 20 – 25 seconds, the appliance resumes movement. If not, the appliance enters the Sleep mode.

- Note
- Please switch off the Power switch and DO NOT leave the appliance on Standby mode for long intervals of time
 - DO NOT operate the appliance while it is being charged

3. “AUTO”

In the **Operating Mode** where the appliance is moving across the floor and performing “Powerful” or “Edge” vacuuming, pressing the “AUTO” button on the Remote Control returns control of vacuuming back to the appliance, and it will adjust the type of vacuuming phase according to the environment of different floors and rooms.



Pressing:

- the “Start/Pause” button on the Remote Control, or
- the “Start/Pause AUTO” button  on the appliance,

stops the appliance from operating.

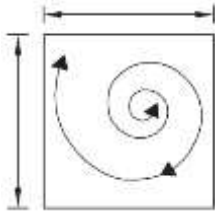
In the Standby Mode where the appliance is stationary, pressing:

- the “Start/Pause” button on the Remote Control, or
- the “Start/Pause AUTO” button  on the appliance,

starts the vacuuming process, with the appliance assuming control and it will adjust the type of vacuuming phase according to the environment of different floors and rooms.

4. “Powerful”

In the Operating Mode where the appliance is moving across the floor, when the appliance happens to be at the centre of the most dusty/dirty region, press the “Powerful” button on the Remote Control, and the appliance will focus on cleaning the area with vigorous & rigorous vacuuming.



In the Standby Mode where the appliance is stationary, carry the appliance and put down the appliance at the centre of the most dusty/dirty region, press the “Powerful” button on the Remote Control, and the appliance will focus on cleaning the area with vigorous & rigorous vacuuming.

Pressing:

- the “Start/Pause” button on the Remote Control, or
- the “Start/Pause AUTO” button  on the appliance,

stops the appliance from operating.

Once the task is completed, the appliance will enter the “AUTO” phase which returns control of vacuuming back to the appliance, and it will adjust the type of vacuuming phase according to the environment of different floors and rooms.

5. “Edge”

In the Operating Mode where the appliance is moving across the floor, or in the Standby Mode where the appliance is stationary, pressing the “Edge” button on the Remote Control instructs the appliance to seek out and vacuum along the largest edge of the room.



Pressing:

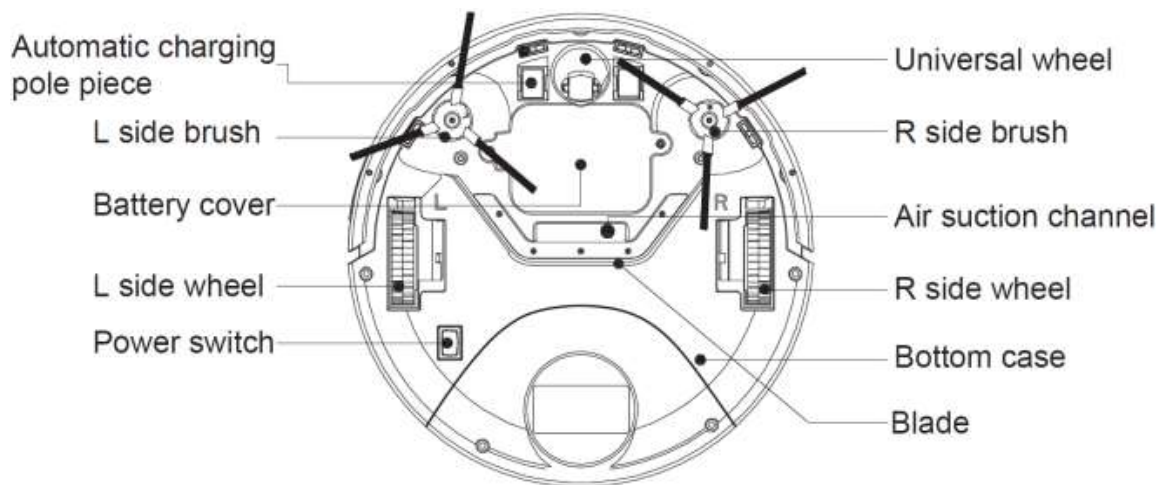
- the “Start/Pause” button on the Remote Control, or
- the “Start/Pause AUTO” button  on the appliance,

stops the appliance from operating.

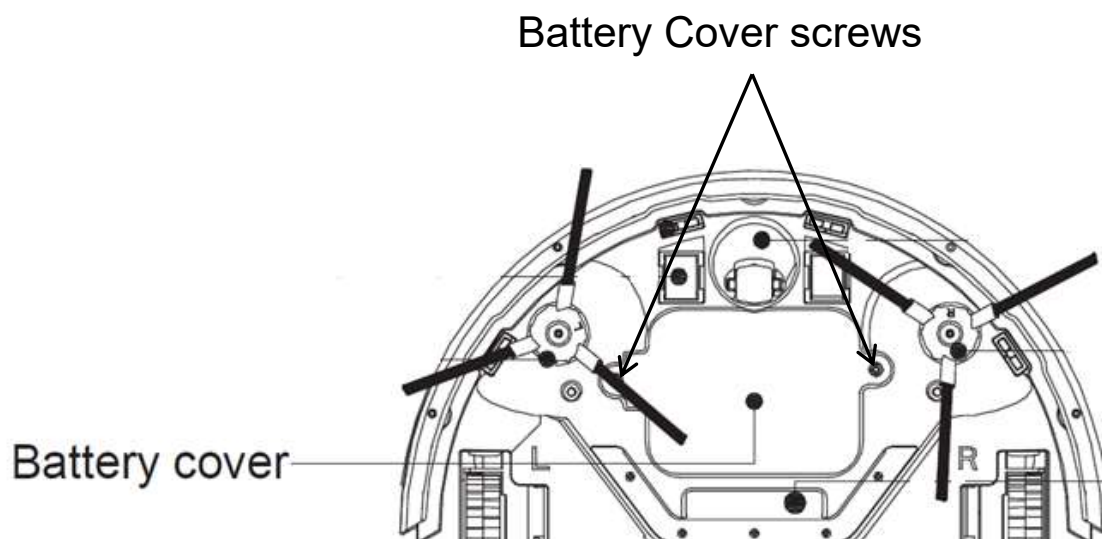
Once the task is completed, the appliance will enter the “AUTO” phase which returns control of vacuuming back to the appliance, and it will adjust the type of vacuuming phase according to the environment of different floors and rooms.

Replacing the Battery

1. Turn off the Power switch at the bottom of the appliance.

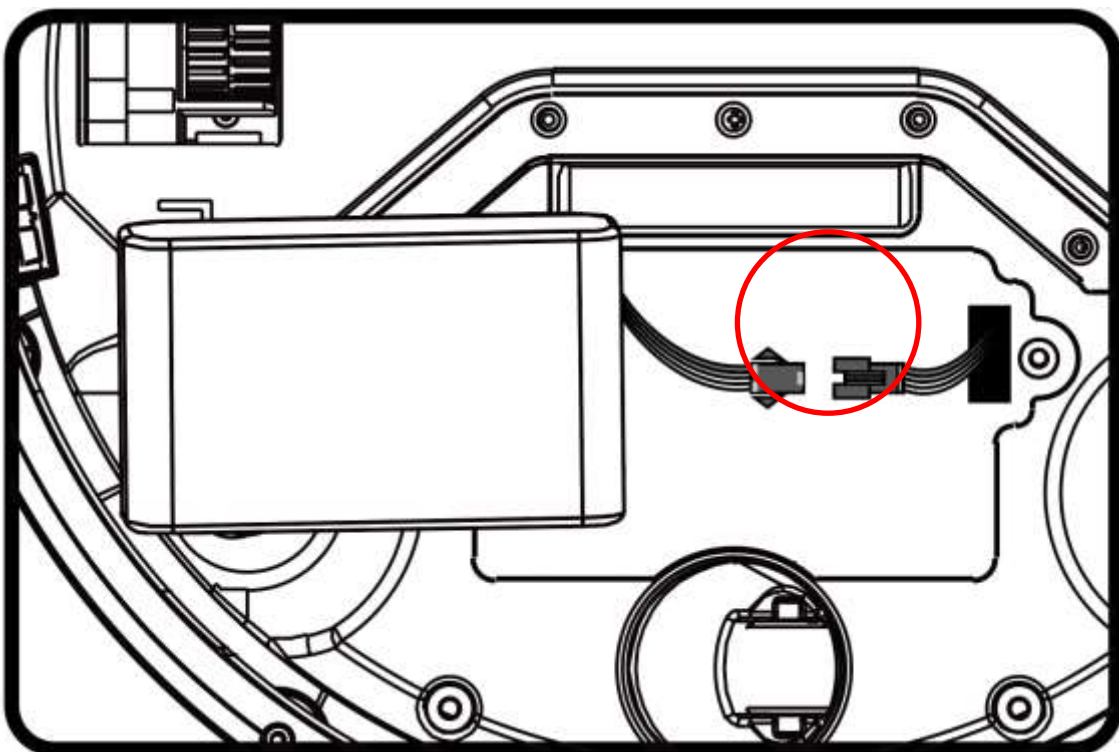
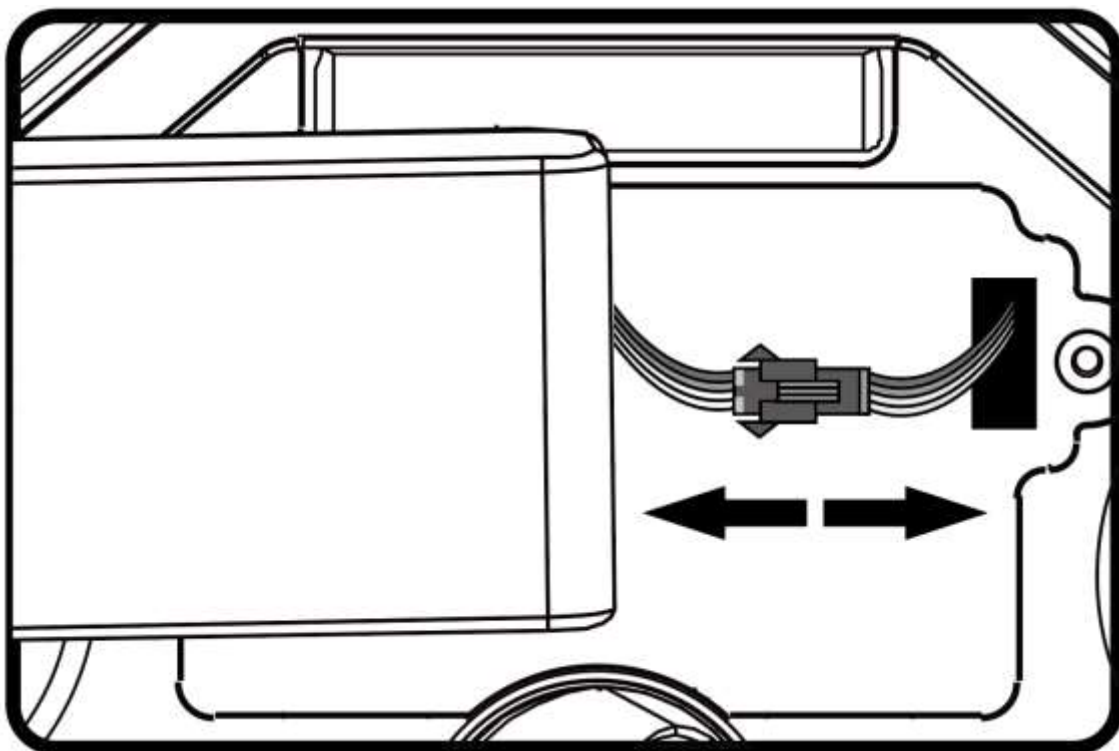


2. Use a screwdriver to remove the Battery Cover screws at the bottom of the appliance.

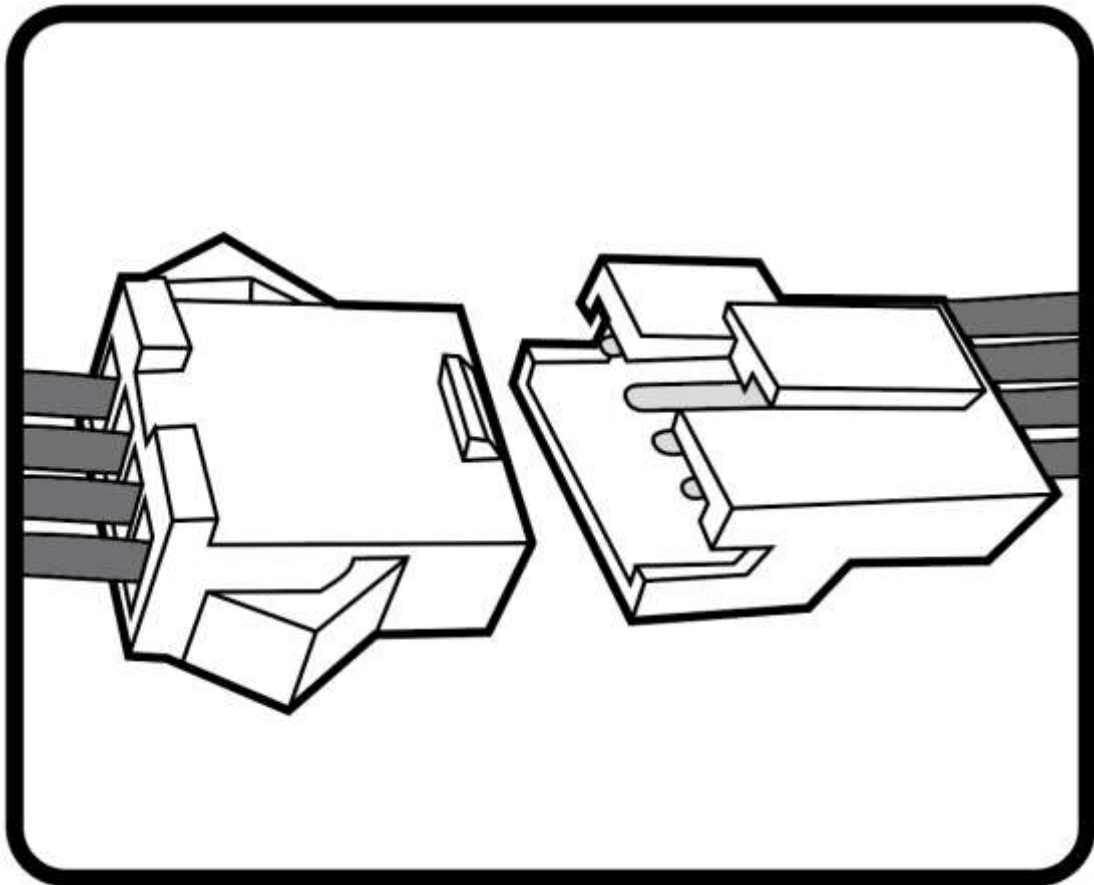


3. After the Battery Cover is removed, take out the Battery from the Battery Case.

4. Unlock the Battery Connecting Plug to separate the Battery from the appliance.
Remove the old Battery.



5. Lock a new Battery to the Battery Connecting Plug.



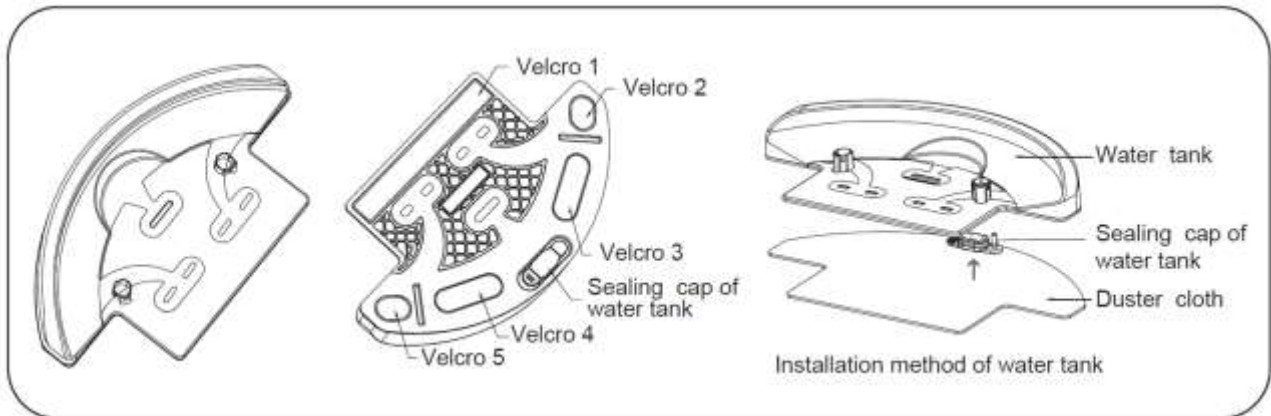
6. Insert the new Battery into the Battery Case with the characters face-up.
7. Replace the Battery Cover and lock it securely, using a screwdriver, to the bottom of the appliance with the screws taken out previously.
8. Switch on and check if the appliance works normally.

Note:

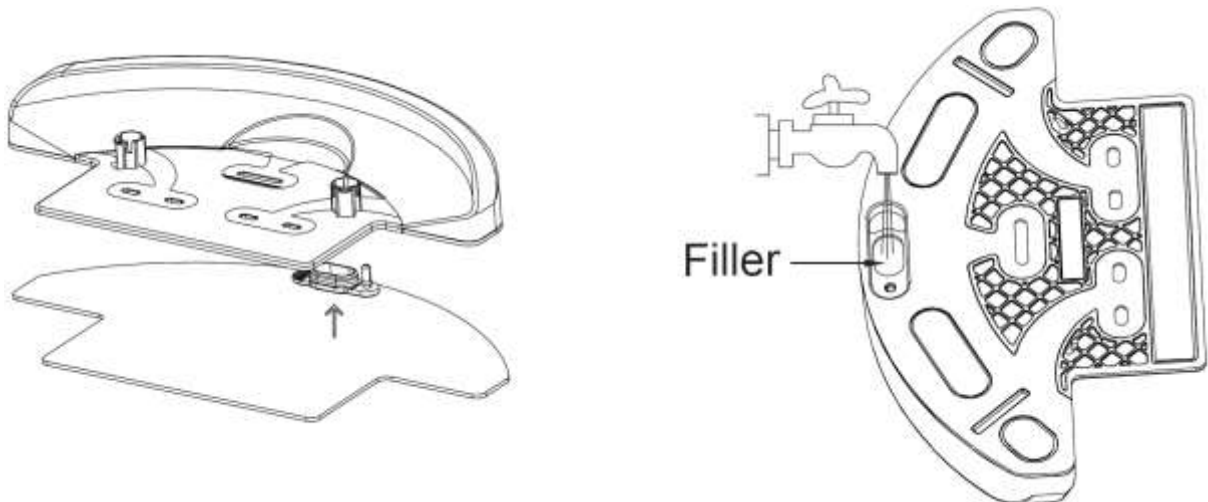
- a. The original manufacturer's battery (Ni-Mh battery 2600 mAh) must be used for replacement, otherwise the motor of the appliance may be damaged.
- b. After the battery is replaced, the new Battery has to be charged for an uninterrupted duration of at least 6 hours.
- c. Please recycle the scrapped battery according to local safety and environmental regulations.
- d. DO NOT use rechargeable batteries.



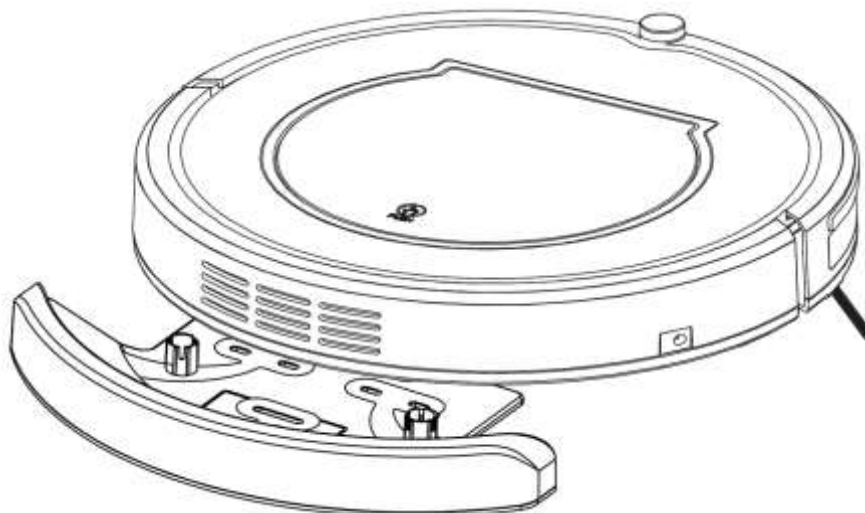
The Water Tank and its components



1. Open the Sealing Cap at the bottom of the Water Tank, fill water to slightly greater than $\frac{1}{2}$ volume of the Water Tank, close the Sealing Cap, and then lay the Duster Cloth at the bottom of the Water Tank.



2. Attach the Water Tank to the bottom of the appliance according to the arrow direction in the figure above by fitting the two knobs of the Water Tank into the two holes on the base of the appliance.



- a. Automatic return of the appliance to the Charging Dock may fail if the Water Tank is installed.
- b. The appliance ability to climb steep inclines may be compromised if the Water Tank is installed.
- c. DO NOT charge the battery if the Water Tank is installed to avoid the danger of electrocution.



How to clean

WARNING: The appliance must NEVER be used without the Preliminary strainer and the Efficient strainer contained within the Dustbin. Always place them back after cleaning them. When the suction power decreases, the strainers might be clogged. Using the appliance with a clogged strainer puts additional strain on the motor. Prompt removal of dust and dirt not only improves the efficiency of the appliance but only extends its working life.

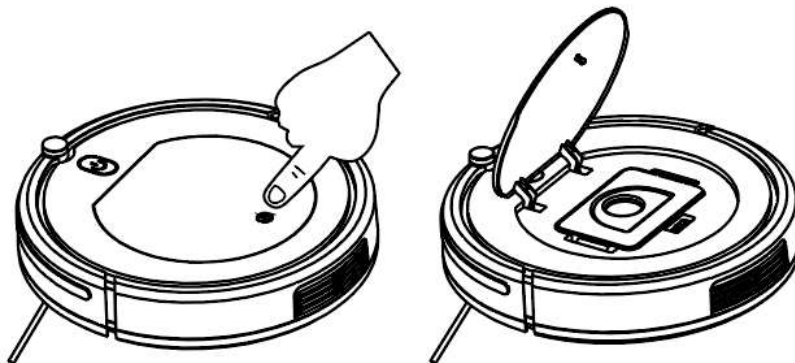
1. Cleaning of side brushes

- a. Wash the Left & Right side brushes with detergent, rinse them under running water and dry them naturally after use. If they are damaged and cannot work normally, please replace them.

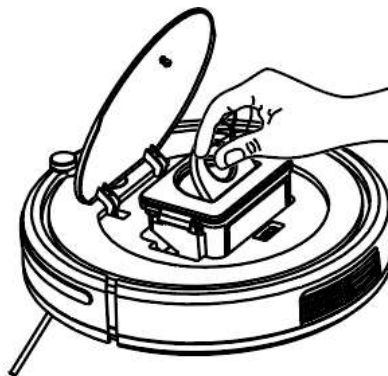
Note: When attaching side brushes, please attach the corresponding “L” and “R” side brushes to the position “L” and “R” at the bottom of the appliance respectively.

2. Cleaning the Dustbin and strainers

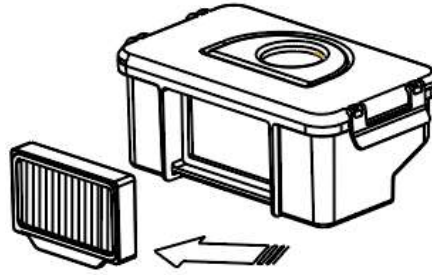
- a. After you press the finger sign on the Swiveling cover, the cover will open automatically.



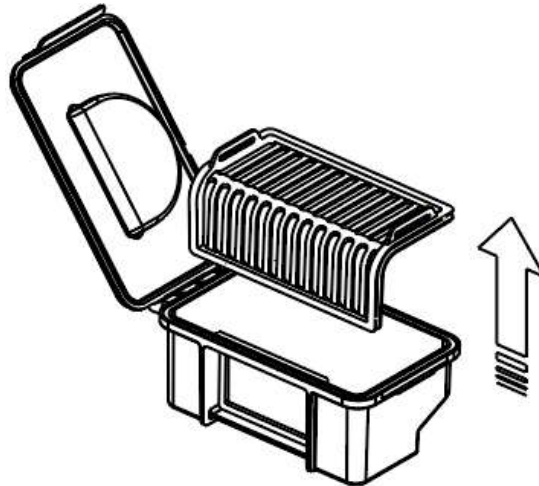
- b. After taking out the Dustbin, extract and remove any foreign matter trapped in the suction channel of the appliance.



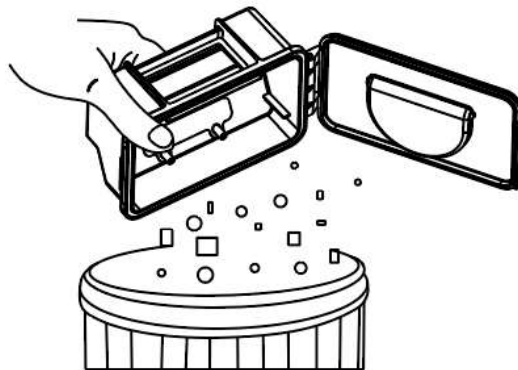
- c. Remove the Efficient strainer.



- d. Remove the Preliminary strainer.



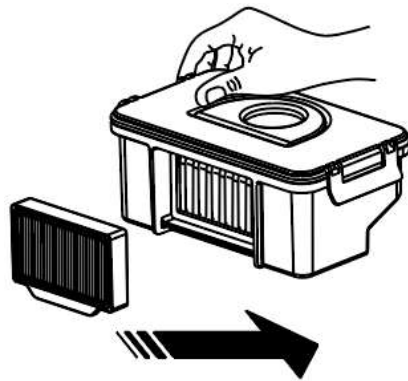
- e. Invert the Dustbin until all dust is removed.



- f. Clean the Dustbin, Preliminary strainer and Efficient strainer fully. The Efficient strainer should be cleaned after using it for 15 – 30 days. The maximum service life of the Efficient strainer is 24 months. The Efficient strainer shall NOT be cleaned with a brush but shall be blown with a dryer or knocked slightly by virtue of an external force to make dust fall down. DO NOT wash it with water.



- g. Assemble the Dustbin, Preliminary strainer and Efficient strainer in the correct sequence. Please ensure that the two strainers are assembled well to avoid damage to the appliance.

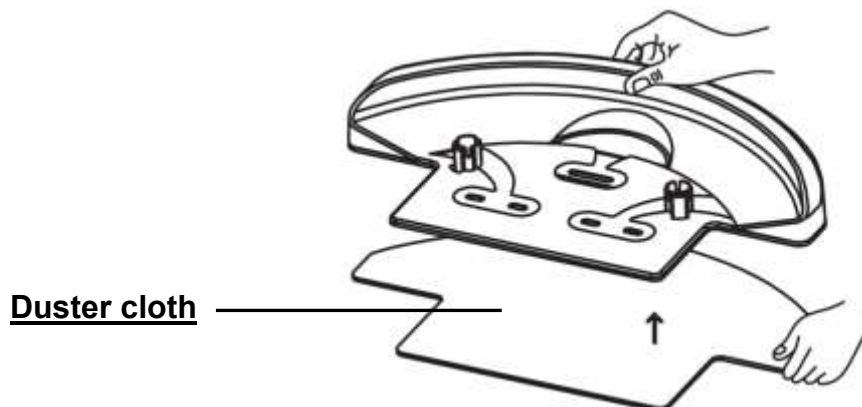


Note

- Please clean the Dustbin and the suction channel after every use.
- After its components are washed with water, dry them dried naturally but NOT under strong sunlight. Once fully dried, reassemble the components in the appliance.
- If the Preliminary strainer and the Efficient strainer are damaged, replace them to avoid affecting the efficiency of the appliance.

2. Cleaning the Duster cloth

Remove the duster cloth, rinse it clean and dry it in the air.

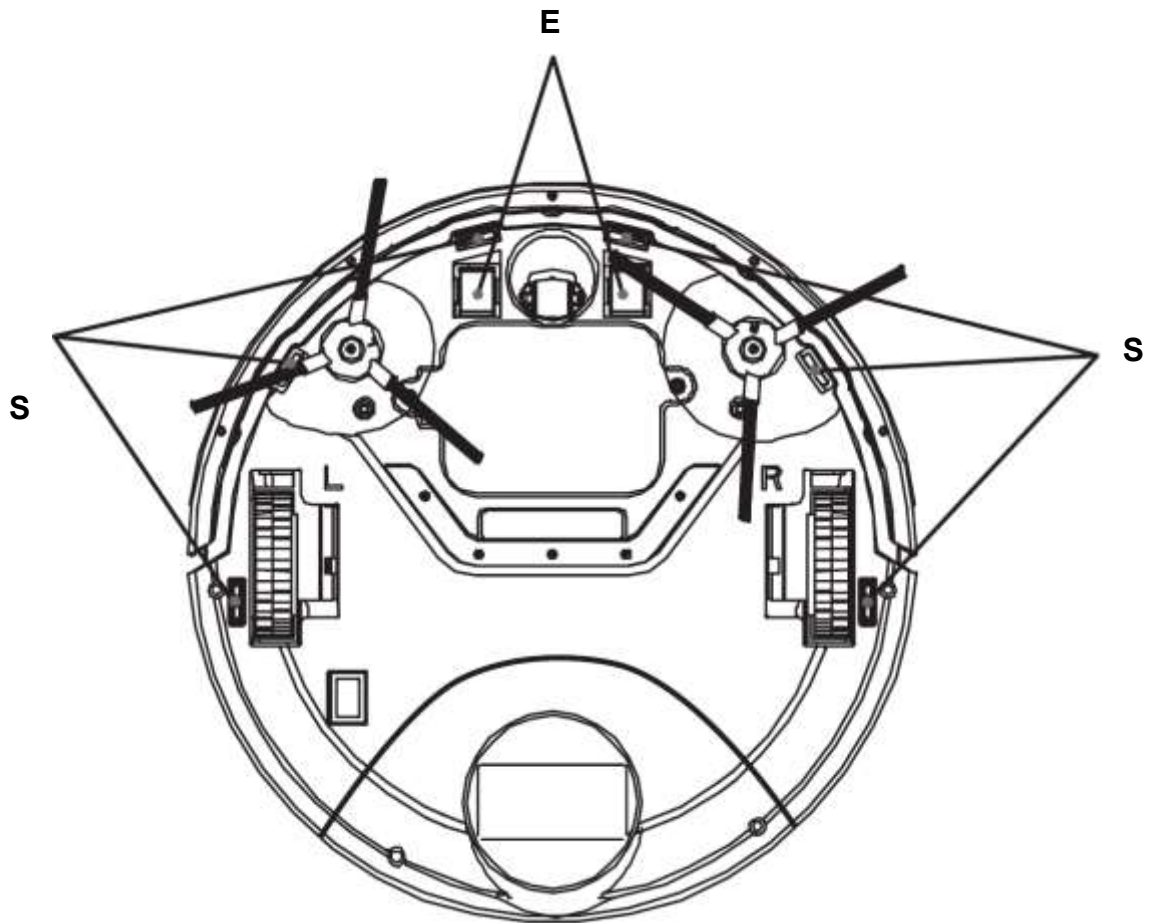


3. Cleaning of Sensor lens & Electrodes

- a. Use a cleaning tool or a piece of soft cloth to wipe the Sensors & Electrodes slightly. See positions indicated in the diagram below:

S - denotes positions of Sensors

E - denotes positions of Electrodes



ALARM CODE TABLE

No.	Tip	Fault	Solution
1.	The red light flickers and the buzzer alarms.	Earth inspection fault.	Put the appliance on the floor again.
2.	The green light flickers and the buzzer alarms.	Side brush overload.	Check the status of side brush.
3.	The red and orange lights flash alternately and the buzzer alarms.	The drive wheels are overloaded.	Check the left and right side wheels.
4.	The green and orange lights flash alternately.	Collision switch fault.	Check the flexibility of the bumper.
5.	The orange light flickers for 60 s and the buzzer alarms for 10 s.	Charging failure.	Replace qualified adapter or batteries.
6.	If the problem cannot be solved with the method above, please try the following actions	Switch on the power supply at the bottom of the appliance again and restart the appliance.	
		If the problem cannot be solved by restarting, please send the appliance to the authorised service centre for maintenance.	



ENVIRONMENTAL TIP

This appliance, along with all other electronic appliances, should, when it is no longer capable of functioning, be disposed with the least possible environmental damage according to the local regulations in your area. In most cases you can discard the appliance at your local recycling center.

DISPOSAL: Do not dispose this appliance as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. Please dismantle the battery from the appliance before it is scrapped. When the battery is dismantled, please ensure that it is switched off. Please recycle the scrapped battery for safety and environmental protection.

WARRANTY

The manufacturer provides warranty in accordance with the legislation of the customer's own country of residence, with a minimum of 1 year, starting from the date on which the appliance is sold to the end user.

The warranty covers defects in material and workmanship.

The repairs under warranty may only be carried out by an authorised service centre. When making a claim under the warranty, the original bill of purchase (with purchase date clearly indicated) must be submitted.

The warranty will not apply in cases of:

- normal wear and tear
- if the steps (as laid out in the section regarding Warnings) have not been observed e.g. overloading of the appliance, use of non-approved accessories
- if the appliance has not been properly maintained, if force has been used against it or if it has been damaged in any other way
- damage caused by non-observance of the user manual or non-compliance with the installation instructions
- errors or faults owing to defects in the distribution system
- if the appliance has been repaired or modified or changed in any way or by any person not properly authorized

SPECIFICATION

MODEL	VOLTAGE	BATTERY	POWER
PPV3200	100 – 240 V ~50 – 60 Hz	2600 mAh 14.8 V	

