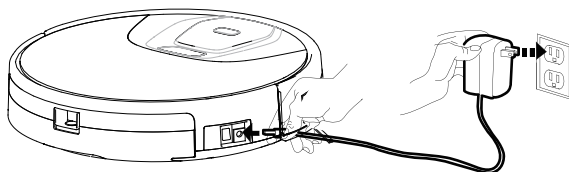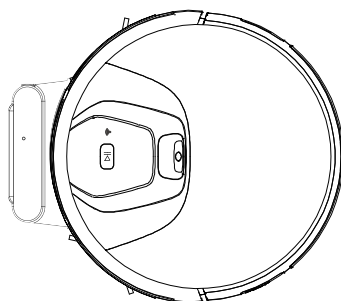Charging modes

Please keep the power switch turned on before charging the machine.

Charge mode A:
Fix the charging pin into the DC power jack of the robot and plug in the power supply.
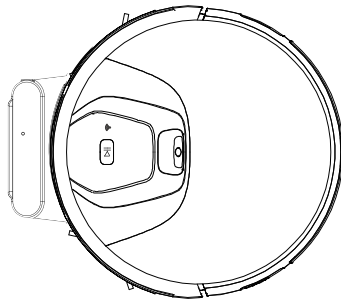

Please keep the power switch turned on before charging the machine.

Charge mode B:

Press Return for Auto charging button on the remote controller or Press Recharge icon on App to auto dock the Robot with the charging base.

Automatic charging

Pressing the Return for Auto Charging on the remote controller to make the robot return for charging.

When Cleaning is completed or the battery is too low,the robot will automatically start finding the charging base to charge itself.

Pls keep the charging base energized,otherwise the machine will not be able to find the charging base.

Charging Instructions

01. The battery should be repaired and replaced by the after-sales service center.
02. For the very first operation,please let the robot run out of power.
03. When the robot is charged,the Control button will flash a green lamp in a circular manner.
04. If the robot is out of service for a long time, please turn off the power switch.
05. Please charge the robot as soon as possible after the battery is used up.
06. The product can only use the power adapter and charger provided by the factory.
07. Please charge the robot for 12 hours for the first time of operation. When the charge is done, the Control button light turns off.
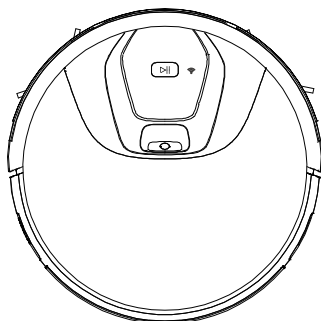
Switching Modes

Startup

01.Make sure the power switch on the side of the robot is turned on.
02.Press the Control button or the Cleaning mode on the remote controller to start the robot.

Pause

The pause function is to switch the robot from the operating mode to the selected mode,and the robot can be paused by the following operations:
01.Press the Control button on the robot to pause the robot.
02.Press the power on/off button on the remote controller to pause the robot.
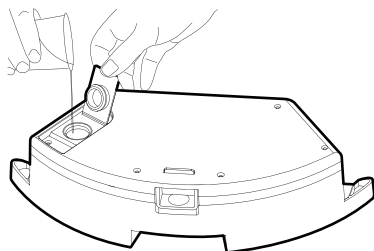Notice:After the machine is paused, the machine can be reoperated.

Sleep

Sleep mode means that the robot is stopped and the indicator light is off.If the Robot is not active within 10 minutes, the robot will enter Sleep mode automatically.
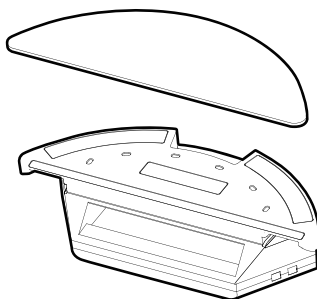Note: If the robot is out of service for a long time, please turn off the power switch.

Use of Water Tank

When charging, please remove the water tank to avoid danger.

How to add water?
Open the tank sealing cap, fill it with enough water and slowly inject water into the water tank.
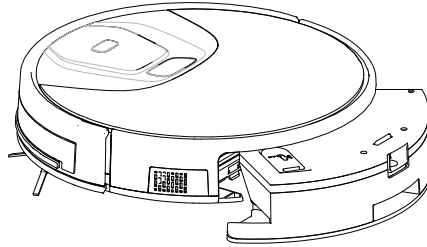

When charging, please remove the water tank to avoid danger.

How to fix the microfiber mop?
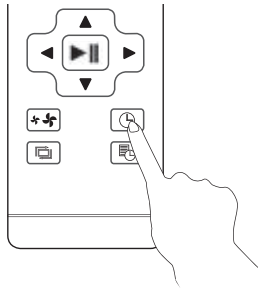Seal the tank sealing cap,then fix the microfiber mop to the velcro on the bottom of the water tank.

When charging, please remove the water tank to avoid danger.
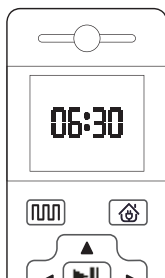
How to install the water tank?
Press the release button on the dust box to remove it then install the water tank.
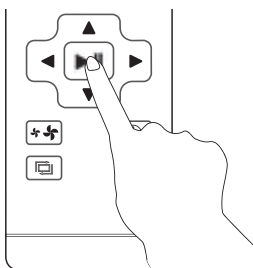
Schedule Setting Cleaning

You can set the current local time on your robot by pressing the Clock Setting button on the remote controller,then press Confirm button.

☆ Once the power switch is turned off, all Schedule will be cancelled.

☆ Once the schedule setting is succeeded,the robot will start working at the scheduled time everyday.

Press the"Schedule Setting" button to set the scheduled cleaning time for the robot.(e.g. Setting 6:30am to the robot, the robot will start cleaning at 6:30am every day at the standby mode.)
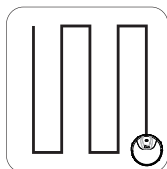
☆ At the Schedule Setting mode,follow the voice prompts to confirm all your operations.

1.Press the Schedule Setting button to enter the Schedule Setting mode and set the schedule on the remote controller or APP.
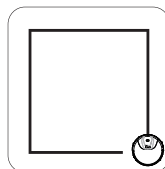2.If you need cancel the schedule,just press the Schedule Setting button for 3 seconds.
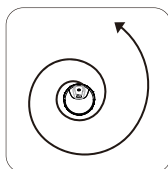
Cleaning Modes

Plan Cleaning (S shape Cleaning)

The robot will perform the smart plan cleaning in S shape according to the room environment.

Edge Cleaning

The robot will clean along the longest edge of the room.

Spot cleaning

The robot will perform the concentrated cleaning on a special dirty area.
(APP controlled only)

Mopping Mode

The Robot will perform the S shape cleaning with mop according to the room environment.

☆Please do not move or remote control the robot while it is working,or it will replan the cleaning route and repeat cleaning.

☆There is a normal phenomenon that the robot will perform with a brief pause during working. Please be patient,as it is thinking and making decisions or discovering where to clean.
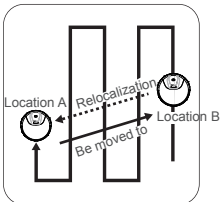
Auto-charge and Resume
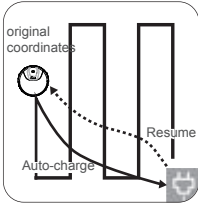
The robot will automatically dock the charging base to charge itself once the battery is too low.Navigation with Visual Localization helps the robot remember its location and the planned route after full charging. It resumes cleaning with the original coordinates generated by the Visual navigation system.

Relocalization

After the robot cleaned for a few rounds in an environment(at least one round), the vision module establishes the current 3D image of the environment.At this time, pause the robotat the Location A then move it to the Location B, and press the Control button to restart the robot.

Now relocalization is launched,the VSLAM algorithm work out the exact Location A based on the existing map. The user can also see the changes of the location after being moved on the APP.

The robot voice prompts"localizing",and the robot starts to visual navigate.If it succeeds,the robot voice prompts"Localizing is succeeded,resume plan cleaning", the robot will navigate to the Location A and resume cleaning. If it fails, the robot voice prompts "Move into a new area, restart plan cleaning", all previous works will be cleared and restart.
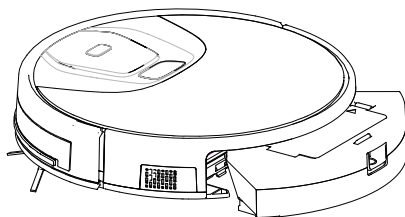
5.1 Side Brush Cleaning and Replacement
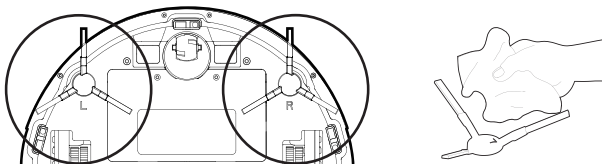
Check the side brush's condition frequently to see if it has been damaged or entangled with other objects. Clean the side brush with a cleaning tool or cloth. When the side brush is damaged and can not be used,please replace it as soon as possible. L and R correspond to each other.
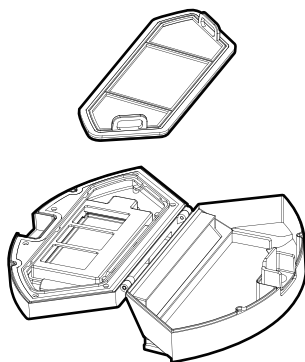
5.2 Cleaning of Dust Box and Filter

Press the release button to take out the dust box.
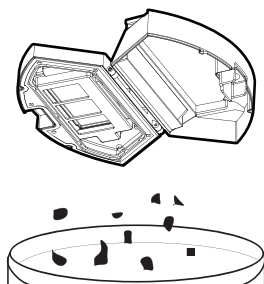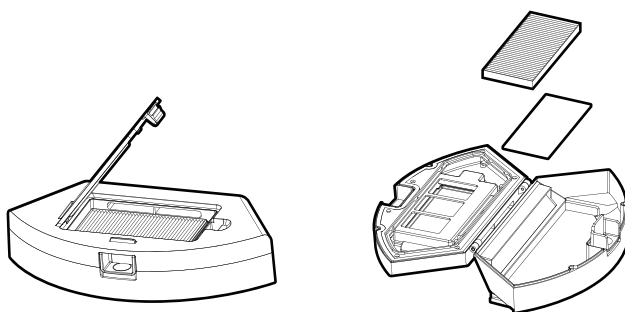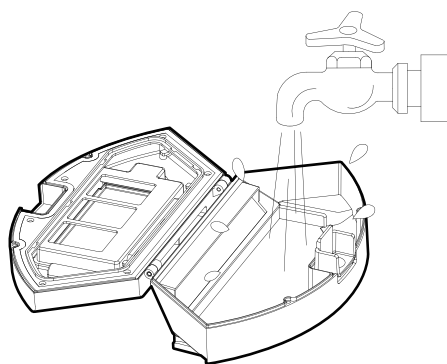
Dump all debris form the dust box into the garbage.
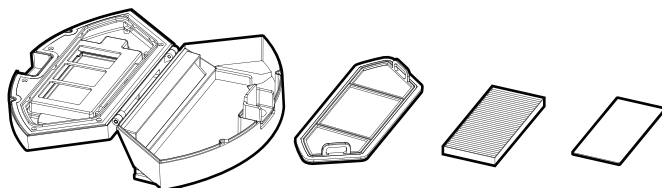
Remove the pre-filter.

Open the high-efficient filter cover, and remove the high-efficient filter and filter sponge. It is not recommended to wash the high-efficient filter with water. Please pat off the debris carefully.

Wash the dust box and pre-filter.

1. Dry the dust box and filter components. Keep them dry to ensure a longer service.
2.After the pre-filter is used for 15~30 days, it should be washed once.
3. The maximum service life of the high-efficient filter is 3 months.
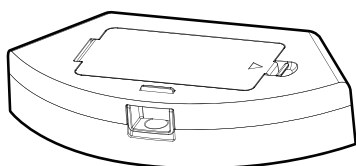
1. Reinstall the pre-filter and high-efficient filter in the dust box.
2.Before installing the filter, make sure that the high-efficient filter and the pre-filter are dry.
3. Do not expose the high-efficient filter and the pre-filter to sunlight.
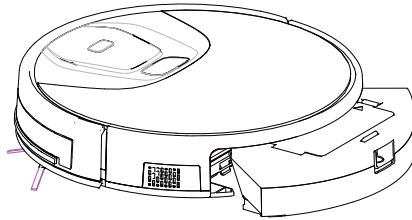
Cover the dust box and fix it into the main body.

5.3 Maintenance of Water Tank
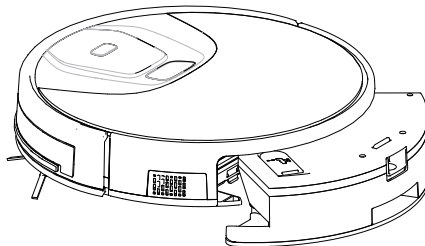
Press the release button to take out the water tank.
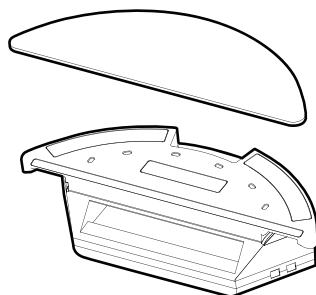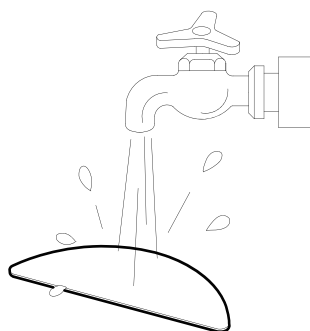
Remove the mop.

Wash and dry the mop.
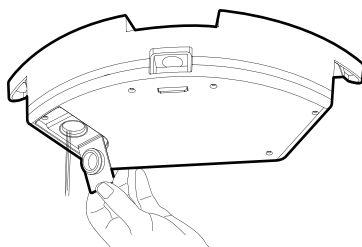
Pour out the rest of water from the water tank.
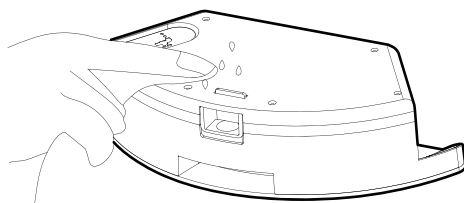
Clean the tank and dry it.

5.4 Maintenance of Rolling Brush Components
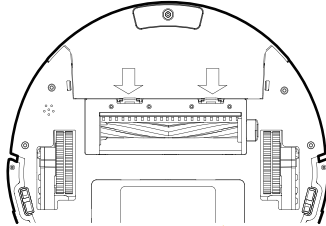
Open the rolling brush components.
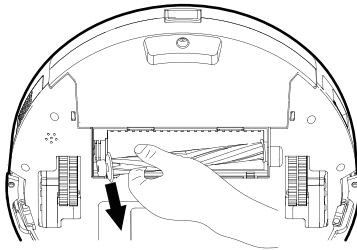
Remove the rolling brush and clean off all debris and hair.

Product Maintenance

5.5 Maintenance of Other Components

Electrode slice

Sensor

Use the cleaning tools or a dry soft cloth to periodically clean the electrode slice of robot chassis and the sensor window.

Charging terminal

Use a cleaning tool or soft cloth to clean the charging terminal.

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Common Faults

6.1 Faults Description

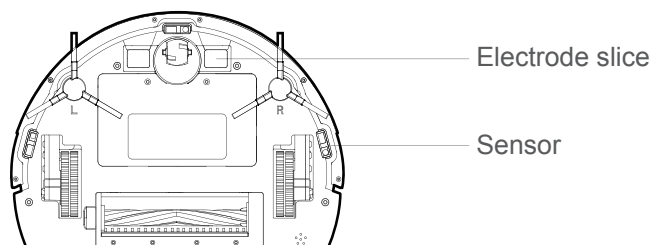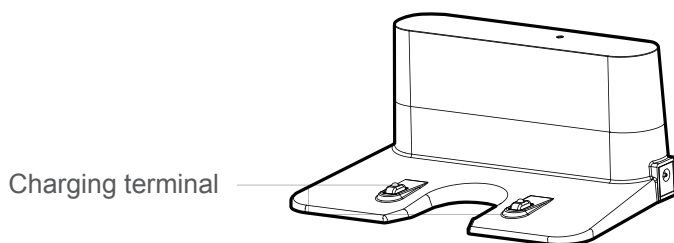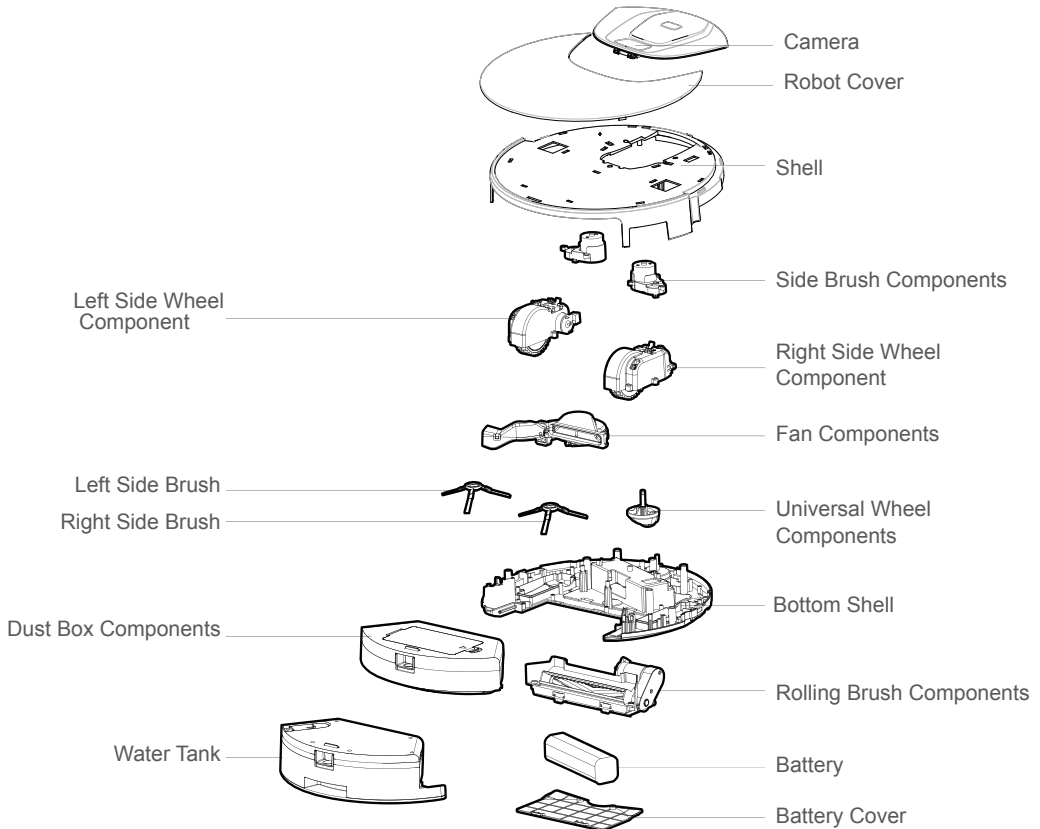| Faults	Possible Reasons	Solutions
The robot can not be charged.	The electrodes between the main body and the charging base are not contacted properly.	Make sure that the electrodes between the main body and the charging base are properly contacted.
	The charging base is switched off while the robot is switched on,which leads to the loss of power.	Keep charging the robot when it is not working to better prepare for next cleaning assignment.
The robot is stuck during work.	The robot may be stuck by wires/cables on the ground,hanging curtains or obstacles around the carpets.	The robot will try to get itself out automatically.However,please help it manually if it failed.
The robot goes back to recharge without finishing the cleaning work.	The robot detects that the power may be not enough and automatically goes back to recharge..	Charge the robot.
	The robot works at different speeds on different floor types.For example,it works longer on the wood floors than on carpets	The length of working time varies because of the complexities of room environments,the amount of garbage and different cleaning modes.
The robot does not perform cleaning work automatically as scheduled	The robot is not switched on and the robot can not perform cleaning work as scheduled when it is powered off.	Turn on the robot.
	The power level of the robot is too low to work..	Keep charging the robot when it is not working to better prepare for next cleaning assignment.
	The robot is stuck or twined by obstacles.	Turn off the robot and clean the dust box.Then turn over the robot to clean its components,such as wheels and side brushes.
Remote control malfunctions (effective range is 5 m)	The remote controller is short of or out of power.	Change the batteries and install the batteries correctly.
	The robot is short of or out of power.	Make sure that the robot is switched on with enough power for operation..
	The infrared ray is blocked because the infrared emitter on the remotecontroller or the infrared receiver in the robot is contaminated.	Wipe the infrared emitter on the remote controller or the infrared receiver on the robot with a clean cotton cloth.
	Interference emitted by other devices that exist nearby.	Avoid using the remote controller near other infrared devices.
When the robot is working, there is a missed sweep, the route is chaotic, the deviation is reversed,and the APP side cleaning map shows irregularities and is not neat.	The drive wheel and the ground may slip due to the robot climbing small steps, thresholds and door bars, thus affecting the its judgment on the working environment of the whole house.	It is recommended to close the door in the area and clean the area separately. The robot has the function of self-identification single room. It will return to the starting poin after cleaning. Please feel free to use it.
	Work on a waxed, polished floor or smooth floortile, resulting in reduced friction between the drive wheel and the ground.	It is recommended that you clean the floor after the wax is air-dried.
	The wires, slippers, etc. placed on the ground affect the normal operation of the robot.	Before the machine is working, please arrange the scattered wires, slippers and other objects on the ground to minimize the scattered objects on the ground.

Common Faults

6.2 Replaceable Modules

Camera

Robot Cover

Shell

Side Brush Components

Left Side Wheel Component

Right Side Wheel Component

Fan Components

Left Side Brush

Right Side Brush

Universal Wheel Components

Bottom Shell

Dust Box Components

Rolling Brush Components

Water Tank

Battery

Battery Cover

Application:

The product is suitable for cleaning house, hotel rooms, and small offices and provides good cleaning for various floors,such as wooden floor,hard floor,tile floor,and short-pile carpets(short-pile should be shorten than 1.5cm),etc.

Your Partners For a Cleaner Home