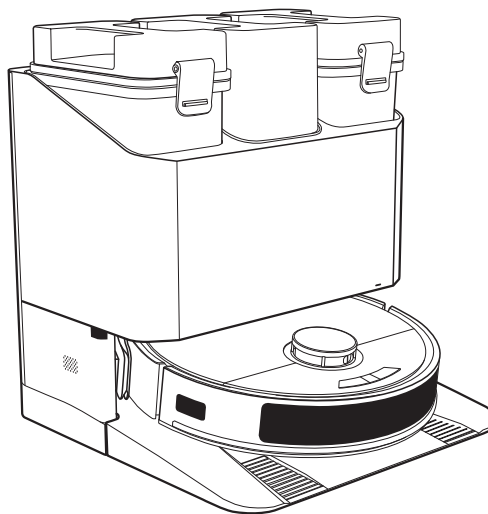


# Robot Vacuum Cleaner with Multifunction station

Self-Draining / Self-Washing / Self-Drying / Self-Filling / Self-Cleaning



Please read this manual carefully and keep it properly

## Safe Code

**When using the product, be always vigilant and follow the following:  
Please read the instructions carefully before using the product and keep it properly.**

### **ATTENTION**

- The possible problems in the cleaning of the product should be eliminated as soon as possible. Clean the power cord and small items on the ground to avoid the products during cleaning. Turn the edge ear of carpet to carpet, make hang curtain, table cloth do not contact the ground.
- If there is a suspended environment such as stairs, please test the product first to see if it can detect the edge of the suspended area without falling. The protective fence shall be set at the edge of the suspended area to prevent the product from falling. Ensure that the protective facility does not cause personal injuries such as tripping.
- Use the product according to the instructions. Use only the accessories recommended or sold by the manufacturer.
- Ensure that the power supply voltage meets the voltage marked on the charging seat
- Make sure that the dust box and filter materials are installed in place before using the product.
- If the power cord is damaged, it must be replaced by the manufacturer, its maintenance department or similar departments to avoid danger.
- Turn off the product switch before cleaning and maintaining the product.
- The plug must be removed from the power outlet before cleaning and maintaining the product.
- Before discarding the product, please turn off the product power switch and remove the battery.
- If the product is not used for a long time, please cut off the product.
- Before discarding products, batteries must be removed and discarded by local laws and regulations.
- Please follow the local laws and regulations to dispose of the old batteries.
- Products should not be used by children under 8 years of age or by people with mental disorders. If use is needed, please proceed under the supervision of the guardian. Please do not let the children ride on the product, or use the product as a toy.
- Use only in indoor home settings. Do not use it in outdoor, commercial and industrial places.
- Do not use products in the room where infants sleep.
- Do not use damaged power cords or power sockets. Do not use the product when it cannot work properly due to fall, damage, outdoor use or water. To avoid injury, the product shall be repaired by the manufacturer or its after-sales service.
- Use the product as indicated in the instructions. The Company is not responsible for any loss or injury caused by improper use.

## **WARNING**

- Only the original charging seats specially supplied from the manufacturer are applicable. Users are forbidden to replace the battery without permission. If the battery is damaged, please contact the manufacturer, authorized dealer or professionals from similar departments to replace it.
- Do not use products in an environment with open flame or fragile items.
- Do not use products in extremely hot (more than 40 °C) or extremely cold (less than 0 °C) environments.
- No human hair, clothes, fingers and other parts are located close to the opening and operating parts of the product.
- Do not use products on wet or waterlogged ground.
- Prevent the product from absorbing any items such as stones or waste paper that may block the product.
- Do not absorb any flammable items, such as gasoline, printers or photocopies.
- No use of products in clean areas with flammable items.
- Prevent products from absorbing any burning items, such as cigarettes, matches, ashes and other items that may cause fire.
- Do not place items at the suction point. Do not use the product when the suction port is blocked. Clean up the dust, cotton wool and hair at the suction point to ensure the smooth air circulation at the suction point.
- Use the power cord carefully to avoid its damage. It is forbidden to use the power cable to drag or pull the charging seat of the product and products, use the power cord as a handle, clamp the power cord in the door, and pull the power cord at the sharp corner and corner. Prevent the products from running on the power line, which should be kept away from the heat source.
- Do not use the damaged charging seat. If the charging seat is damaged, it must be repaired or replaced by the manufacturer, authorized dealer or professionals in similar departments to avoid danger.

## **NOTE FOR CLEANING SOLUTION**

Please keep this product away from the heat source. It is recommended that the product be stored at 0-30 °C in a dry and cool place. Please place this product beyond the reach of children and pets. Do not contact the product with the eyes and skin. If you accidentally enter the eye, slowly rinse gently with a lot of water for at least 15min. The contact lens should remove the contact lens in the first minute, and then continue to rinse the eyes. If the skin touches the product, please wash it with warm, soapy water. After this procedure, if the symptoms persist, please seek medical attention. Do not inhale or consume this product. If inhaling this product, please transfer to the fresh air. If you eat this product by mistake, please gargle or drink a lot of water. If the discomfort continues, seek medical attention immediately. When using this product, do not add other liquids to prevent the normal use of the machine. A small amount of suspended matter appears in the cleaning liquid is a normal phenomenon, please rest assured to use it.

## Remove the battery

### ⚠ ATTENTION

The following information is only applicable when the robot is discarded and is not routine instructions! The battery can only be removed if the battery capacity is completely exhausted. No matter what the circumstances, the battery does not come into contact with the metal objects. The steps to removing the battery are described follows: Let the robot run to no power without touching the all-powerful base station; Turn off the robot power switch; Remove the screws on the battery cover plate; Remove the battery cover plate; Pull out the connector plug of the battery and remove the battery.

## Instructions for discarding the battery

If you want to discard the battery in the machine, please do not discard it along with the household garbage at will, but to hand it over to the nearest abandoned old battery recycling station or sweeping robot after-sales service center for centralized processing. The following description is not for the general user, but is a disposition statement for the final battery disposition party. The chemicals contained in the battery built in the machine will pollute the environment. Before discarding the disposal robot, please be sure to take out the battery in the body in advance, and the battery should be transferred to the professional battery recycling point for centralized disposal.

### Take care

Battery leakage of exudate can cause human body damage! If the battery leaks leaking, make sure it has no contact with the eyes or skin. If accidentally contact, please wash your hands with water and rinse your eyes immediately. If you still feel unwell, please seek medical attention immediately.

### ⚠ ATTENTION

- Use the product according to the instructions. Use only the accessories recommended or sold by the manufacturer.
- Please follow the relevant installation instructions for the installation operation. The Company shall not be responsible for any safety problems caused by the noncompliance with the installation instructions or other unauthorized modifications and adjustments.
- The power supply must be disconnected before cleaning and maintaining the product.

### ⚠ WARNING

- Do not use products in an environment with open flame or fragile items.
- Do not use products in extremely hot (more than 40 °C) or extremely cold (less than 0 °C) environments.
- Do not use the products when the water pipes or valves leak.

## equipment replacement

Generally speaking, the software is updated every two months, but the update cycle is not fixed. After 3 years of iteration, the critical vulnerability solutions will be updated for the products that have passed the iteration cycle.

# Catalogue

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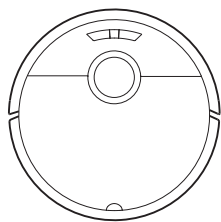
## 4. Basic parameters

## 5. FQA

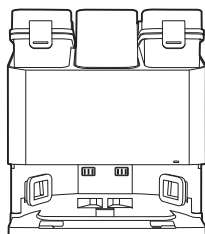
## 6. FCC

## 1. Product composition

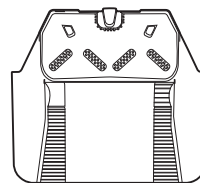
### 1.1 Packing and accessories



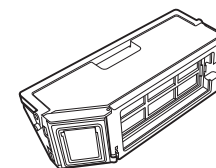
Robot



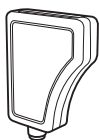
All in one station



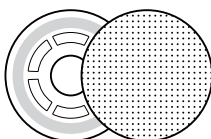
Base



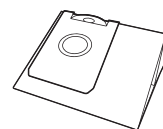
Dust box



Cleaning Solution



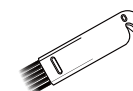
Drag & mop



Dust bag



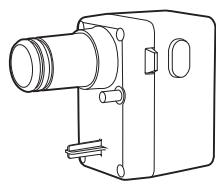
Brush clean



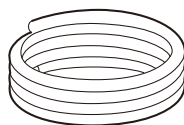
Cleaning brush

## 1. Product composition

### 1.2 Installation accessories list (Optional)



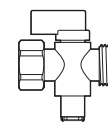
Water module



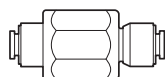
G3/8 Water pipe



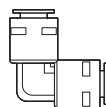
G1/4 Water pipe



Three way valve



Pressure reducing valve



Water pipe adapter



Water pipe decoration

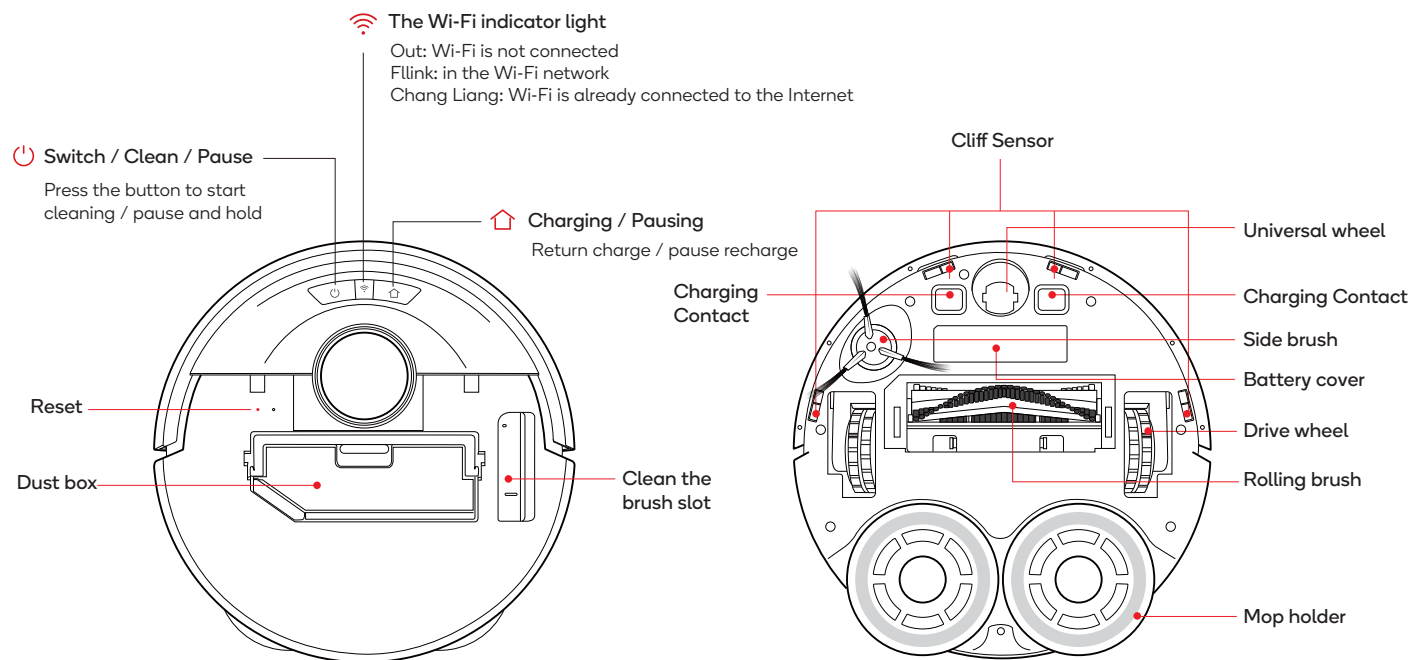


Water pipe cleaning brush

● The illustrations in this manual are for reference only. Please refer to the actual product for the actual appearance.

## 1. Product composition

### 1.3 Part name

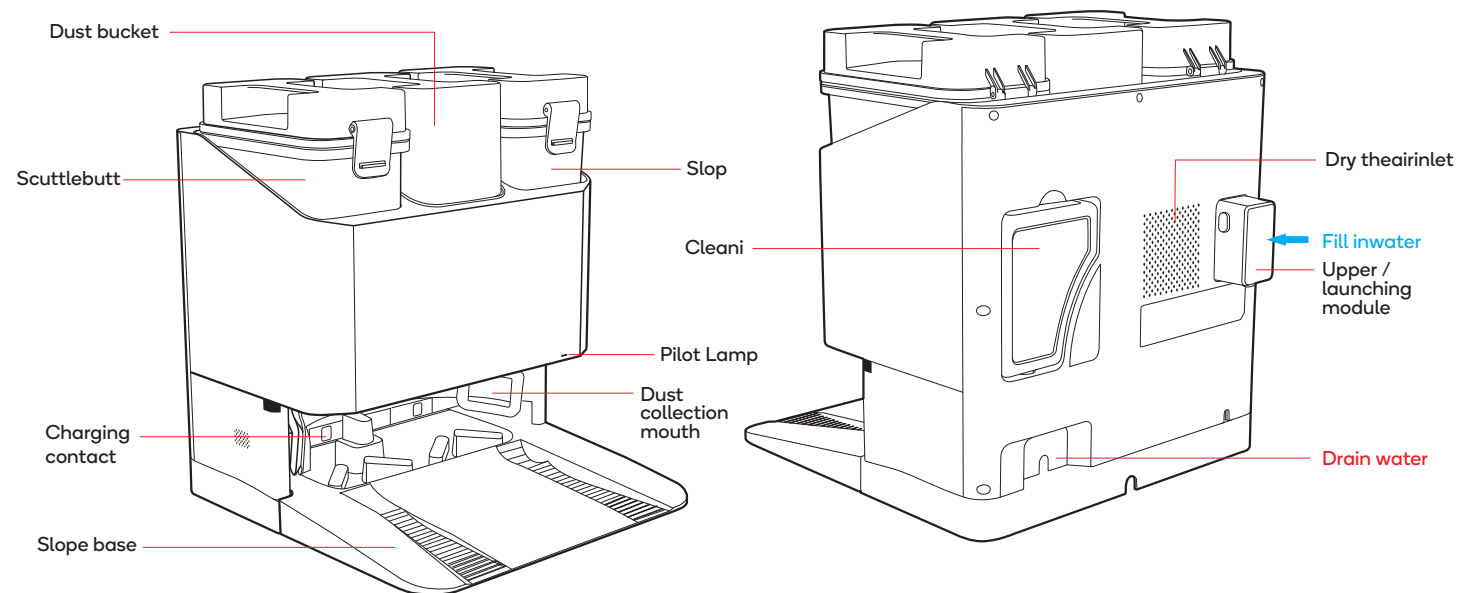


- The reset button is at the bottom of the panel. After pressing the panel button, the host is shut down and the system is reset.  
Note Use this feature with caution.



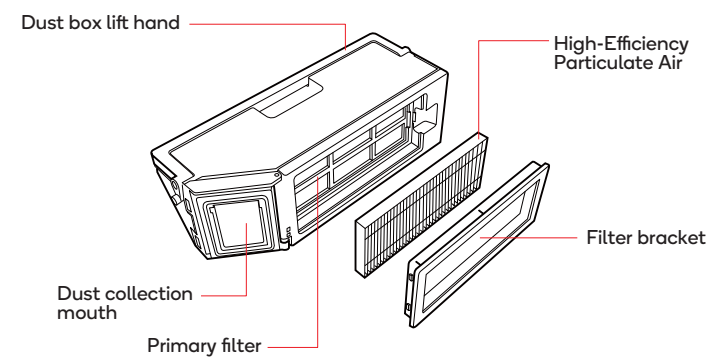
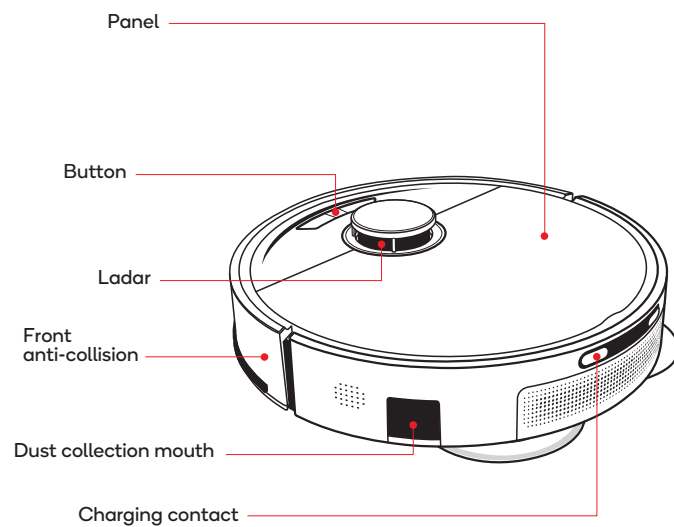
## 1. Product composition

### 1.3 Part name



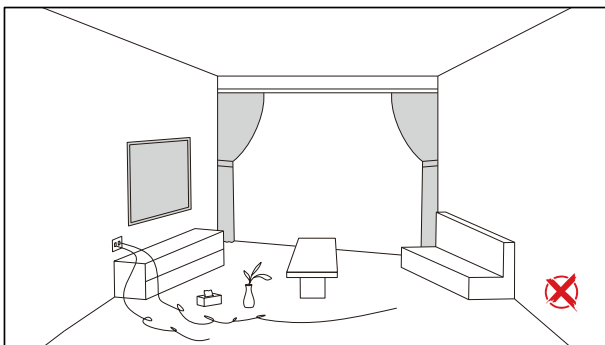
## 1. Product composition

### 1.3 Part name

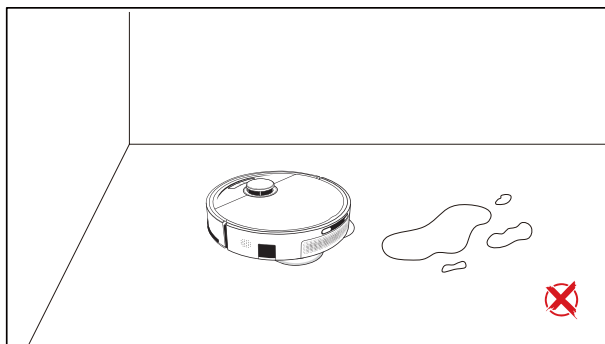
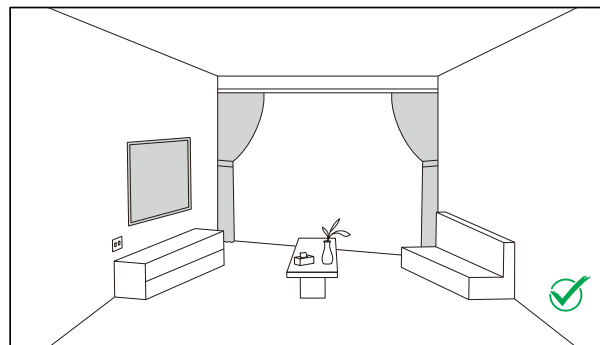


## 2. Installation

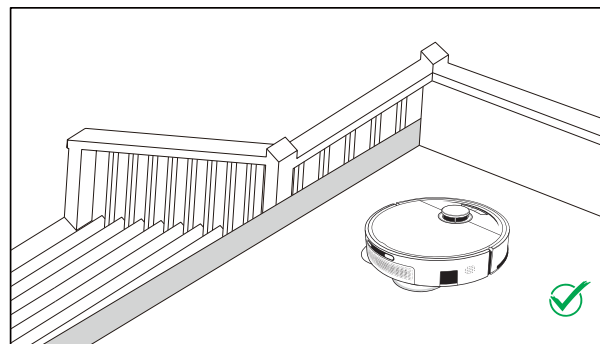
### 2.1 Precautions



Before startig the vacuum cleaner, clean up wires and sundries scattered on the ground, and remove easy-to-fall, fragile, valuable and potentially dangerous items. Avoid being entangled stuck, dragged or knocked down by the main unit; otherwise, personal injury or property damage may be caused.



Don't use the robot to clean liquid

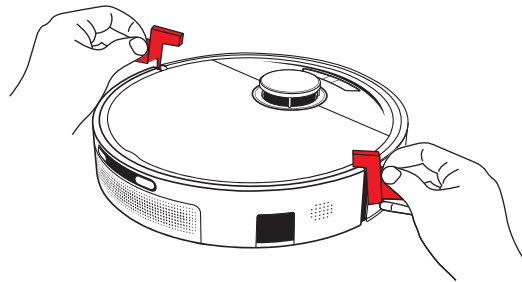


When used in a suspended circumstance,it shall be protected by rails to avoid accidental falling or pushing other articles from falling; otherwise, personal or property damage may be caused.

## 2. Installation

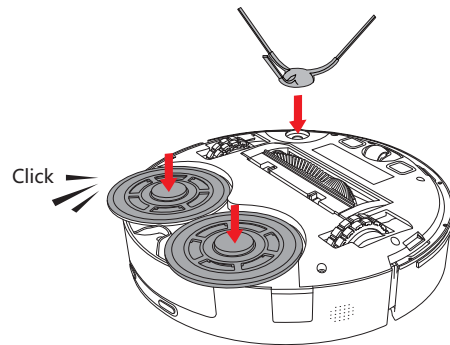
### 2.2 Preparations

1.Remove the protection material from both sides of the robot

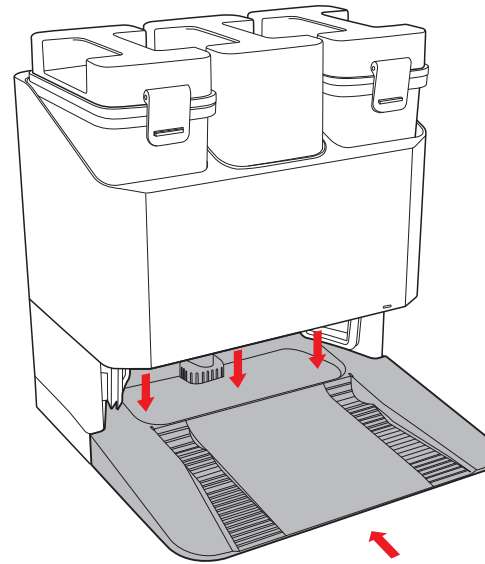


2.Install the side brush and mop bracket

A "click" sound indicates that the installation is in place



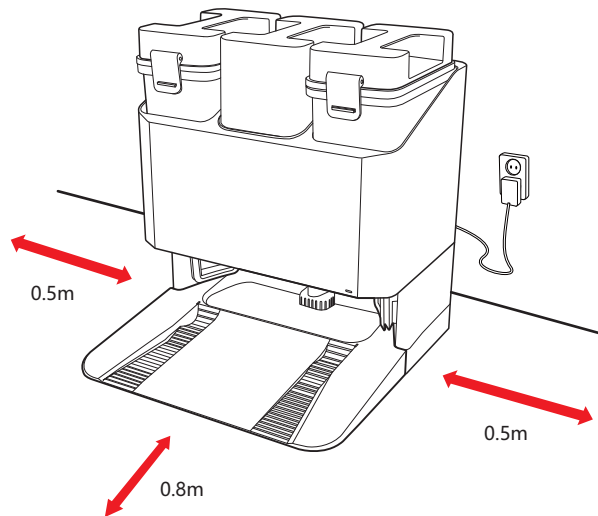
3.Install base



## 2. Installation

### 2.3 Host charging

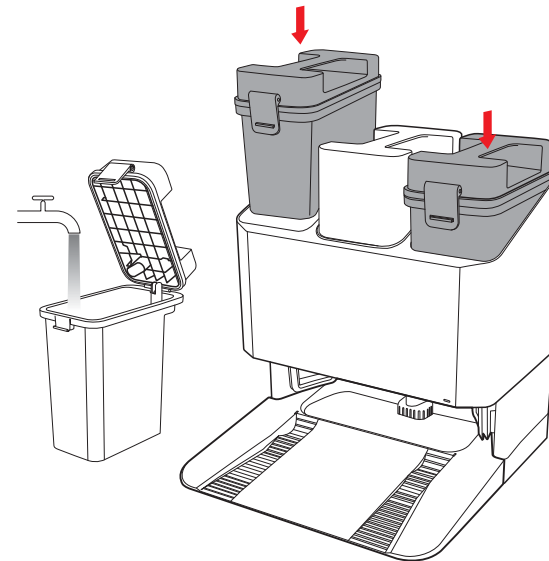
Place the base station against the wall on the flat, hard ground, and do not place items within 0.5 meters around and 0.8 meters ahead.



- If there are mirrors, reflective skirting lines and other reflective objects near the base station, cover the bottom 14cm;
- Do not place the base station in the place where the sun is directly lit
- It is recommended to place it with a strong Wi-Fi signal in order to get a better use experience.

### 2.4 Base station tank

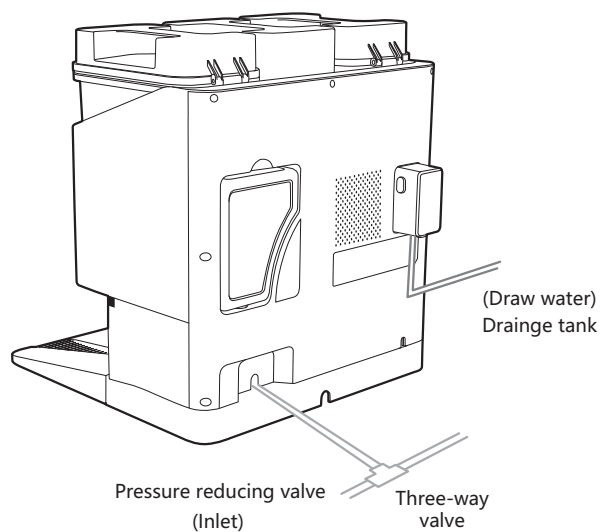
Open the tank cover, add water, put the water tank and sewage tank into the base station.




- To extend the service life of the water tank, please use the recommended special cleaning solution provided with this finished product,  
If you want to buy, please visit the agent or the official mall <http://xxxxxxxxxxxxx.com>.

## 2. Installation

### 2.5 Automatic water tank connection method



- ① Maximum inlet water pressure: 0.3MPa  
Minimum inlet water pressure: 0.1MPa
- ② WARNING:  
This appliance is not to be used for a potable water supply.
- ③ Do not reuse the hose that has been replaced from the product
- ④ The water inlet of this appliance shall not be connected to inlet water obtained from any other water heating system.
- ⑤ Warning against recharging non-rechargeable batteries.
- ⑥ Charged only for Robot Vacuum Cleaner, and Li-ion battery rated 5200 mAh, typed H029-4s2p that assembled with cleaner.
- ⑦  [symbol IEC 60417-5957(2004-12)] for indoor use only  
  
If symbol IEC60417-5957(2004-12) or symbol IEC60417-6062(2011-05) is used, its meaning shall be explained.
- ⑧ Do not use if the cord or plug is damaged. If you need to replace the power cord, please return it to a service center.

## 2. Installation

### 2.6 APP for download

Method 1: Scan the QR code on the body / manual, and download and install the APP for free according to the prompts

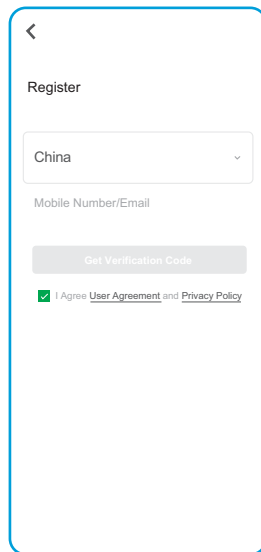


Method 2: open the mobile app store, search for "SmartLife" to download and install.

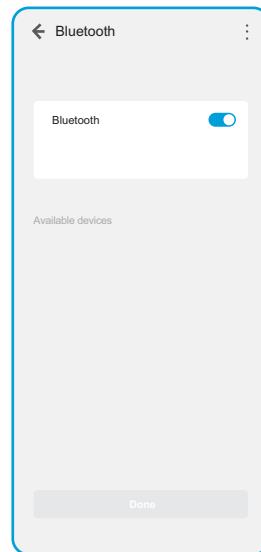


## 2. Installation

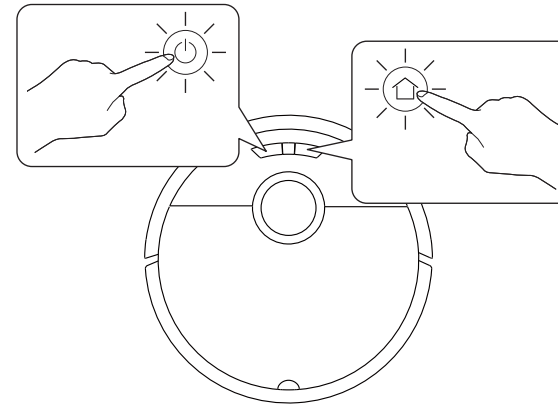
### 2.7 Network





Register and log into the APP



Turn on the Bluetooth

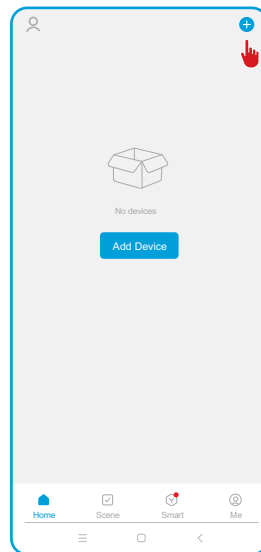


At the same time, press and hold down the "  " and "  " keys on the host for 3 seconds. After hearing the "AP Model" , release the button, the Wi-Fi indicator starts to flash slowly, and the host enters the Networking state.

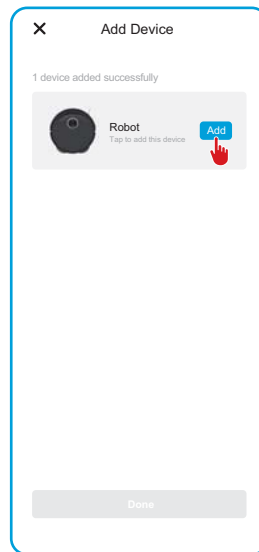


## 2. Installation

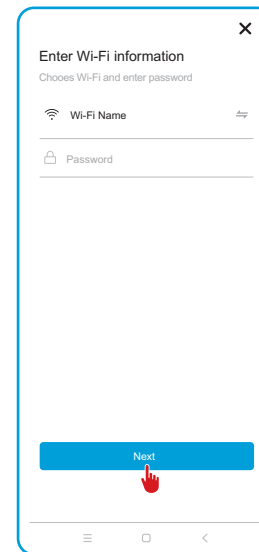
### 2.7 Host distribution network



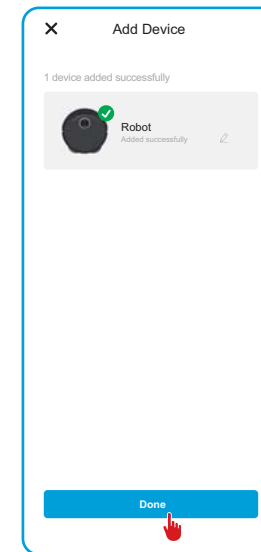
Click "Add a device" or "+"  
in the top right corner



Add already searched robot





Select 2.4GHz Wi-Fi network  
and enter the password

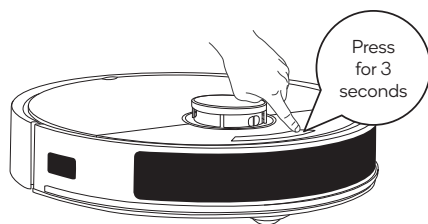


Click on DONE to complete  
the connection


## 2. Installation

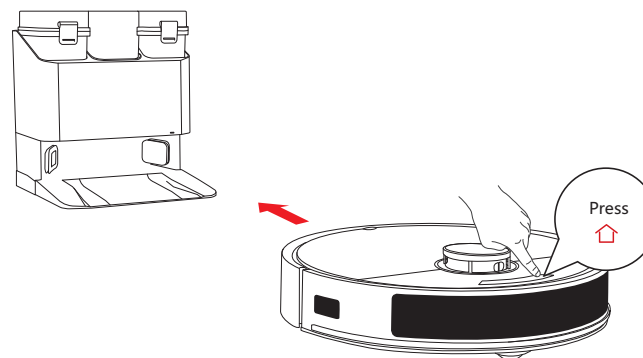
### 2.8 Turn-on / Charge

- ① Press and hold the  for 3 seconds, the indicator light is on, and the robot is successfully started;  
Press and hold the  for 3 seconds, the light is off and the robot is off.



- The robot is unable to shut down during the charging process

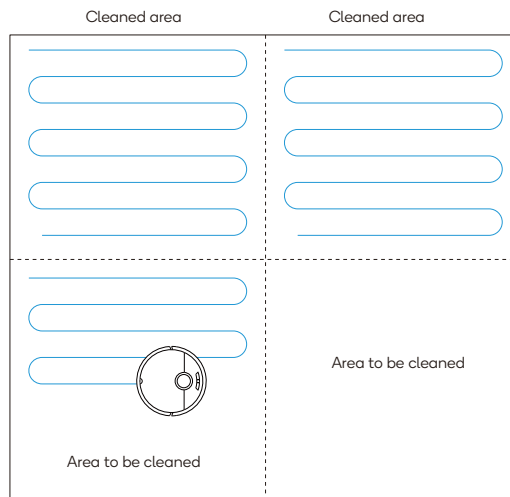
- ② Short press the  the robot automatically enters the base station to start charging. After the robot enters the base station, Wait about 5 seconds to hear the voice prompt "start recharge".



- When the base station is installed and connected to the power supply, the main opportunity will automatically return to charge and empty the dust box when necessary. It is suggested that the host engine start from the base station and do not move to the base station during the cleaning process.

### Intelligent cleaning (default mode)

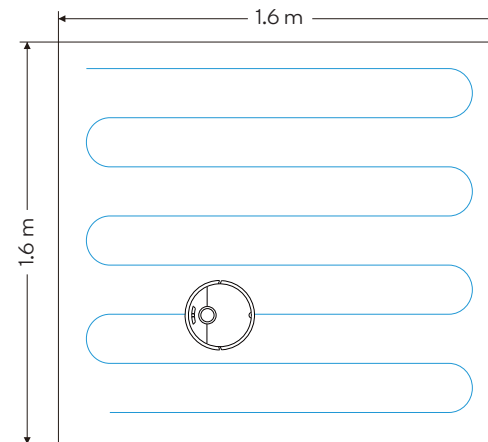
The robot vacuum cleaner scans the working environment, generates a map and intelligently divides the areas. It will complete cleaning of each area one by one by filling along the Z shape behind the wall. After finishing cleaning, the robot vacuum cleaner will return to the charging base for charging. In order to better build the map, the robot needs to start from the charging base at the first cleaning



- Do not move the main unit randomly and frequently during operation. After moving, please put the main unit near the original place. When starting the machine again, the device will try to reposition its coordinates; after positioning successfully, it will continue to work according to the planned path; if positioning fails, the device will give up the previous task, and build a new map for cleaning, but it might fail to recharge.

### Cleaning as required

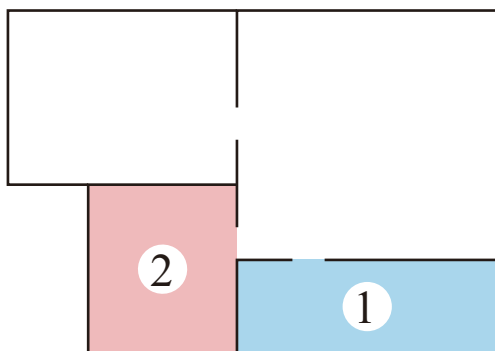
Use the mobile APP to select the function of cleaning as required select a point on the map and the robot vacuum cleaner will move to the designated position and clean a 1.6m x 1.6m square area with itself as the center.



- Before using this function, complete building of the map for the first cleaning in the mobile APP

### Cleaning of selected area

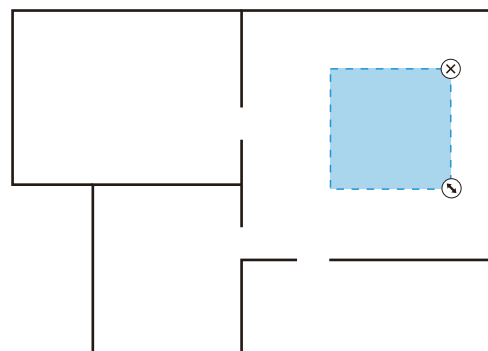
Use the mobile APP to select the function of cleaning of selected area, select the area to be cleaned on the map and the robot vacuum cleaner will clean in the selected area.



- Before using this function, complete building of the map for the first cleaning in the mobile APP
- The main unit might enter the unplanned area, so please clear the obstacles on the ground around the planned area, and this area cannot play a role of safety isolation.

### Cleaning of defined area

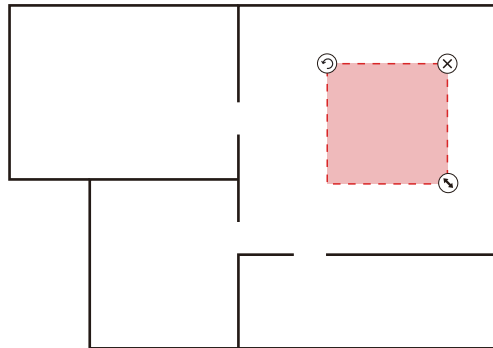
Use the mobile APP to select the function of cleaning of defined area, select the area to be cleaned on the map and the robot vacuum cleaner will clean in the defined area.



- Before using this function, complete building of the map for the first cleaning in the mobile APP
- The main unit might enter the unplanned area, so please clear the obstacles on the ground around the planned area, and this area cannot play a role of safety isolation.

### Restricted area setting

Use the mobile APP to select the restricted area editing function, select and set the restricted area of cleaning on the map, and the machine will not enter the set area to clean.



### Scheduled cleaning

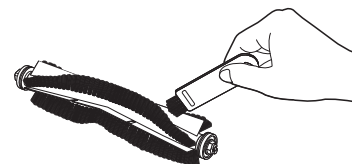
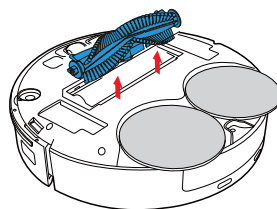
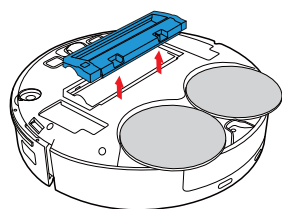
After the setting of scheduled cleaning takes effect, the machine will automatically start to clean at the designated time, and automatically return to the charging base after finishing cleaning.

## 3. Daily maintenance

### 3.1 Rolling brush

- ① Turn the machine over, press and hold the roll card buckle, and take out the roll brush cover
- ② go down the roll brush
- ③ Use a knife brush to remove the mucus in the cavity, the main brush and roll and remove the winding on the roll brush

Recommended cleaning frequency: once a week



### 3.2 Side brush

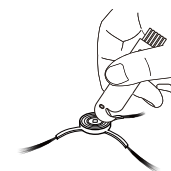
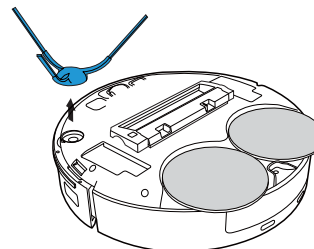
- ① Turn the machine over and pull out the edge brush vertically
- ② Remove the wound hair and reinstall the edge brush down back to the robot

Recommended cleaning frequency: once a week

### 3.3 Rotate the drag cloth

- ① Turn the machine over and pull the edge brush vertically up
- ② Remove the wound hair and reinstall the edge brush down back to the robot

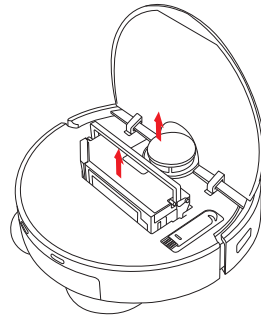
Recommended cleaning frequency: once a week



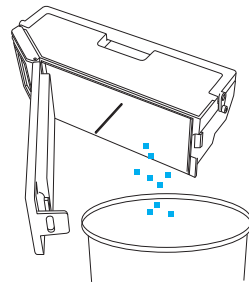
### 3. Daily maintenance

#### 3.2 Dust box

- ① Press the dust box buckle and remove the dust box; recommended  
Recommended cleaning frequency: once a week

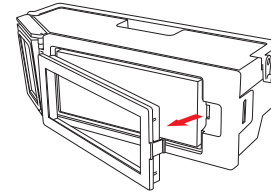


- ② Raise the dust box and open the primary filter to dump the garbage  
Recommended cleaning frequency: once every three months

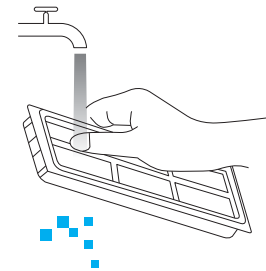


- Instead of using a brush to clean the efficient filter screen, clean the filter with your fingers

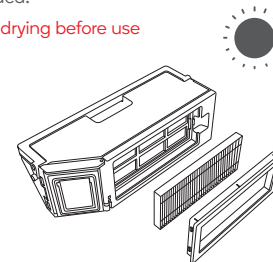
- ③ Open the primary filter screen, remove the highly efficient filter screen;



- ④ Clean and efficient water filter net  
Wash with clean water without adding any detergent



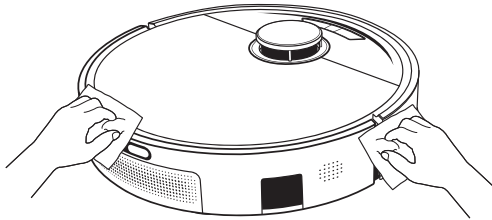
- ⑤ Clean the dust box and filter screen in the natural dry, exposure is not recommended.  
Need thorough drying before use



### 3. Daily manitenance

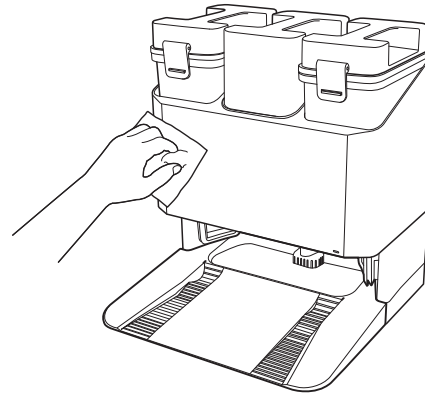
#### 3.3 Clean infrared sensor recommended

Recommended cleaning frequency: once every three months



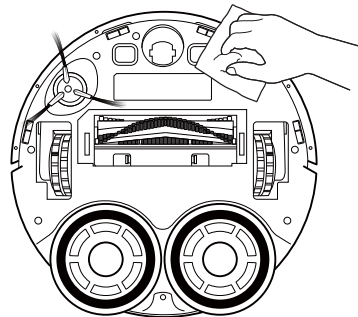
#### 3.3 Clean base station

Recommended cleaning frequency: once every three months



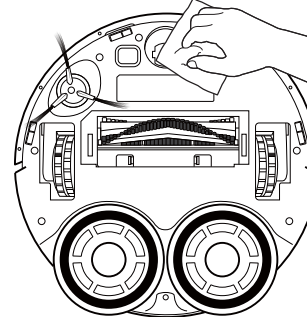
#### 3.3 Clean Charging Contact

Recommended cleaning frequency: once every three months



#### 3.3 Clean Universal wheel

Recommended cleaning frequency: once every three months





### **3. Daily manitenance**

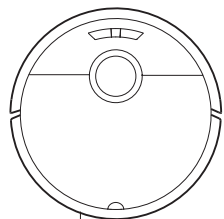
#### **3.4 Battery maintenance**


- ① The host has a built-in rechargeable lithium-ion battery pack. In order to maintain the battery performance, please keep the host in the charge state in daily use;
- ② If the machine is not in use for a long time, it should be closed and charged every three months to avoid damage to the battery due to excessive discharge.

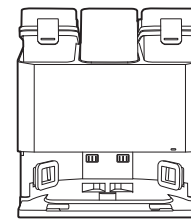
#### **3.5 the firmware upgrade**


Enter the firmware upgrade function through the mobile phone APP. When a new firmware is detected, upgrade as prompted. During the firmware upgrade, the battery capacity shall not be less than 50%; it is recommended to keep the device in the base station charged.

## 4. Essential Parameter



Sweeping Robot	Essential Parameter
Size	350x350x102mm
Battery	5200mAh Li-Battery
voltage	14.4V 
Power rating	55W
Charging timet	<300min
Dust box capacity	360ml



Base Station	Essential Parameter
Size	450x400x410mm
voltage	19V 
Power rating	1100W
Suction	25000pa
Clean water box capacity	3.3L
Sewage tank capacity	3L
Dust bag capacity	2.5L

## 5. FQA

Common problem	Resolvent
Can't boot	<ul style="list-style-type: none"> <li>• Low battery capacity. Put the machine back to the base station and align with the charging electrode, and the machine will automatically power on.</li> <li>• Use the machine at the ambient temperature of 0°C to 40°C.</li> </ul>
Unable to charge	<ul style="list-style-type: none"> <li>• Move the machine away from the base station and check that the base station charging indicator light is on. Ensure that the power adapter is properly connected.</li> <li>• The base station has an incorrect contact with the robot. Please clean the charging shrapnel or charging contact of the base station.</li> </ul>
Can not return, back to the base station	<ul style="list-style-type: none"> <li>• The robot is too far away from the base station and tries to place the robot near it.</li> </ul>
Deviant behaviour	<ul style="list-style-type: none"> <li>• Turn off the machine and then it on.</li> </ul>
The noise during cleaning	<ul style="list-style-type: none"> <li>• Roll brush, side brush or wheel may be entangled by foreign matter, wash them after the machine has stopped.</li> </ul>
Lower cleaning performance, or a drop of dust	<ul style="list-style-type: none"> <li>• Replace the cleaning brush or replace the highly efficient filter screen.</li> <li>• Clean the dust box.</li> <li>• Roll brush, side brush and foreign matter entangled together. Clean the roll brush, and the side brush.</li> </ul>
Unable to connect to the Wi-Fi	<ul style="list-style-type: none"> <li>• Bad Wi-Fi signal, ensure that the robot is in a good position for the Wi-Fi signal.</li> <li>• The Wi-Fi connection has an exception, reset the Wi-Fi settings, download the latest version of the app, and then try to connect to the Wi-Fi to build the network again.</li> <li>• Incorrect password.</li> <li>• This machine supports only 2.4 G.</li> </ul>
Unable to perform the scheduled sweep	<ul style="list-style-type: none"> <li>• The planned cleaning will begin when the remaining power is 15% or more.</li> </ul>
The robot has been at the base station	<ul style="list-style-type: none"> <li>• When the robot always stays at the base station, the power consumption is extremely low. This helps to keep the battery power alive.</li> </ul>
Is it necessary to charge for 16 hours for the first time	<ul style="list-style-type: none"> <li>• Lithium-ion batteries do not have a memory effect. It can be used immediately after a full charge. There is no need to wait.</li> </ul>

## FCC STATEMENT

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
  - (1) This device may not cause harmful interference, and
  - (2) This device must accept any interference received, including interference that may cause undesired operation.
- Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body