Dreame D10 s Auto Empty Robot Vacuum and Mop User Manual

Contents

Dreame D10 s Auto Empty Robot Vacuum and Mop

Product Information

The Dreame D10s Plus A00 is an auto-empty robot vacuum and mop manufactured by Dreame Trading (Tianjin) Co., Ltd. It comes with a dust collection bag, mop pad, and water tank for efficient cleaning. The robot features a Laser Distance Sensor (LDS), Bumper, AI Visual Sensor, and Universal Wheel Charging Contacts for ease of use. It also includes an auto-empty base with a dust cabinet and signaling area. The product weighs 157g without the auto-empty base and 68g with the auto-empty base attached. The dimensions of the robot are 210*140MM.

Product Usage Instructions

Before using the Dreame D10s Plus A00, read the user manual carefully to avoid electric shock, fire, or injury. Keep the manual for future reference. The robot is not recommended for use by individuals with physical, sensory, intellectual deficiencies, or limited experience or knowledge without supervision by a parent or guardian. Additionally, children should not perform cleaning or maintenance on the robot without supervision.

When using the robot, maintain a safe distance from it while it is operating. If any issues arise, contact after-sales service. Do not use the robot on a floor with liquids or sticky substances to avoid damaging it. Use the bumper as a handle for the robot and avoid pulling it by its sensors or brushes.

The Dreame D10s Plus A00 uses batteries that should be charged at an appropriate recycling facility. Avoid over-discharging the battery to prolong its lifespan. The robot also includes an auto-empty base that should be opened by lifting the upper cover to access the dust cabinet, signaling area, charging contacts, and other components.

Accessories included with the Dreame D10s Plus A00 include a cleaning tool, side brush, power cord, dust collection bag (replacement), and water tank with mop pad. The robot also features a Wi-Fi indicator, air outlet/speaker, main wheels, cliff sensors, main brush, brush guard clips, and auto-empty vents.

Safety Information

Read this manual carefully before use and keep it for future reference.

Usage Restrictions

- Keep hair, fingers, and other body parts away from the suction opening of the robots.

- To prevent damage or harm from dragging, clear any loose objects from the floor and remove cables or power cords along the cleaning path before operating the appliance.
- Keep the brush cleaning tool out of reach of children.
- Do not place children, pets, or any item on top of the robot regardless of whether it is stationary or moving.
- Do not use the robot to clean any burning objects. Do not use the robot to pick up flammable or combustible liquids, corrosive gases, or undiluted acids or solvents.
- Do not vacuum hard or sharp objects. Do not use the appliance to pick up objects such as stones, large pieces of paper or any item that may clog the appliance.
- Make sure the robot is turned off and the auto-empty base is unplugged before cleaning or performing maintenance.
- Do not use a wet cloth to wipe or any liquid to rinse the robot and auto-empty base. Washable parts must be dried completely before installing and using them.
- Make sure the robot is turned off when being transported and kept in its original packaging if possible.
- Please use this product in accordance with the instructions in the User Manual. Users are responsible for any loss or damage that arise from improper use of this product.

Batteries and Charging

- Do not use any third-party battery or auto-empty base. Use only with RCS2 supply unit.
- Do not attempt to disassemble, repair, or modify the battery or auto-empty base on your own.
- Do not place the auto-empty base near a heat source.Do not use a wet cloth or wet hands to wipe or clean the base's charging contacts.
- Do not improperly dispose of old batteries. Unneeded batteries should be discarded at an appropriate recycling facility.
- If the robot will not be used for an extended period, fully charge it, then turn it off and store in a cool, dry place. Recharge the robot at least once every 3 months to avoid over-discharging the battery.
- This product contains batteries that can only be replaced by qualified technicians or after-sales service.

Laser Safety Information

- The laser distance sensor complies with the IEC 60825-1:2014 standard for Class 1 laser products and does not generate dangerous laser radiation.

Hereby, Dreame Trading Tianjin Co., Ltd. declares that the radio equipment type RLS3D is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: **https://global.dreametech.com**
For detailed e-manual, please go to **https://global.dreametech.com/pages/user-manuals-and-faqs**
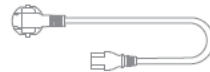
Product Overview
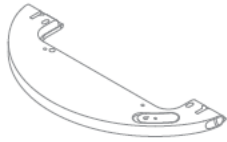
Accessories

Cleaning Tool

Side Brush

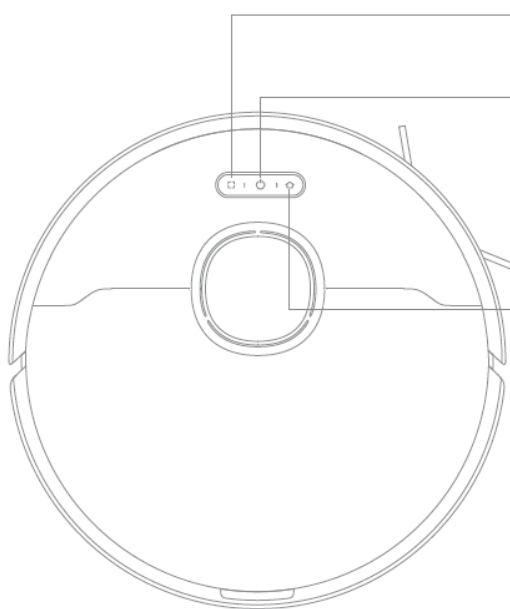Power Cord

Water Tank

Mop Pad

Dust Collection Bag
(replacement)
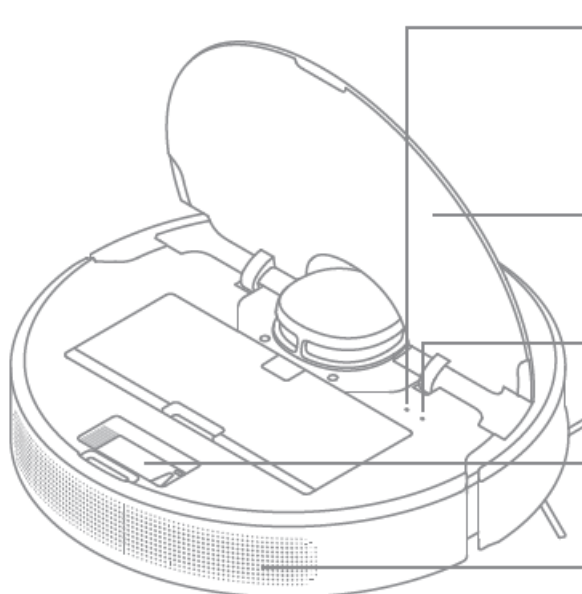
Auto-Empty Base

Robot

Spot Cleaning Button
· Press briefly to start spot cleaning

Power/Clean Button
· Press and hold for 3 seconds to turn on or off
· Press briefly to start cleaning after the robot is turned on

Dock Button
· Press to send the robot back to the base
· Press and hold for 3 seconds to disable Child Lock

Status Indicator
· Solid White: Cleaning or cleanup is completed
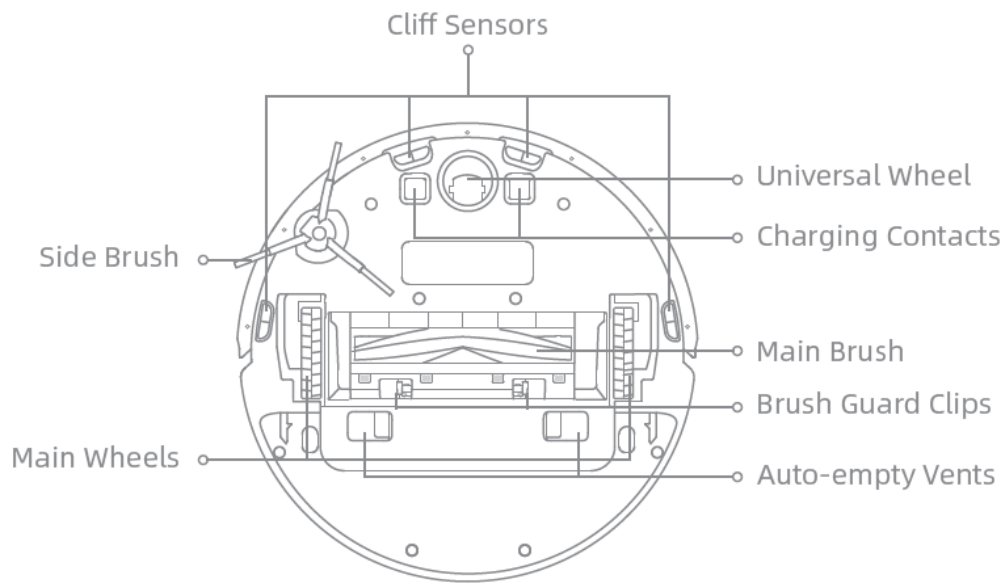· Blinking Orange: Error
· Solid Blue: Camera monitoring enabled

Reset Button
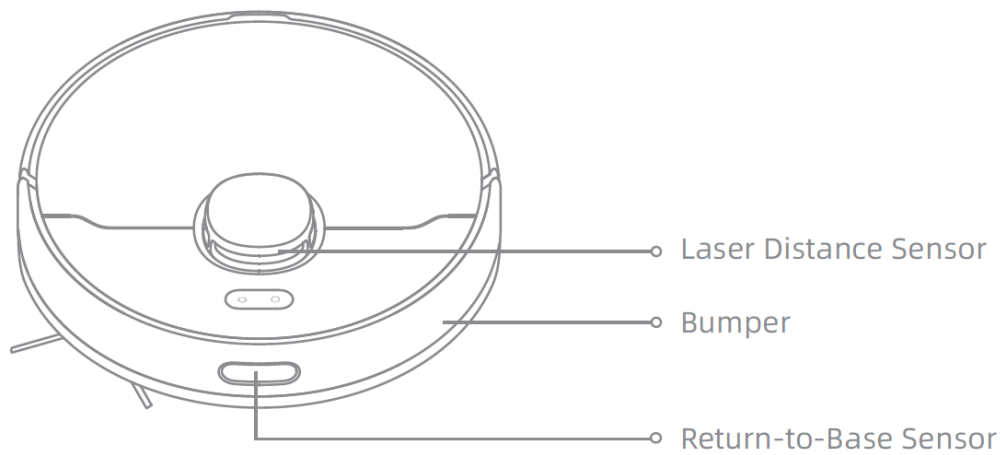· Press and hold for 3 seconds to restore the robot to factory settings
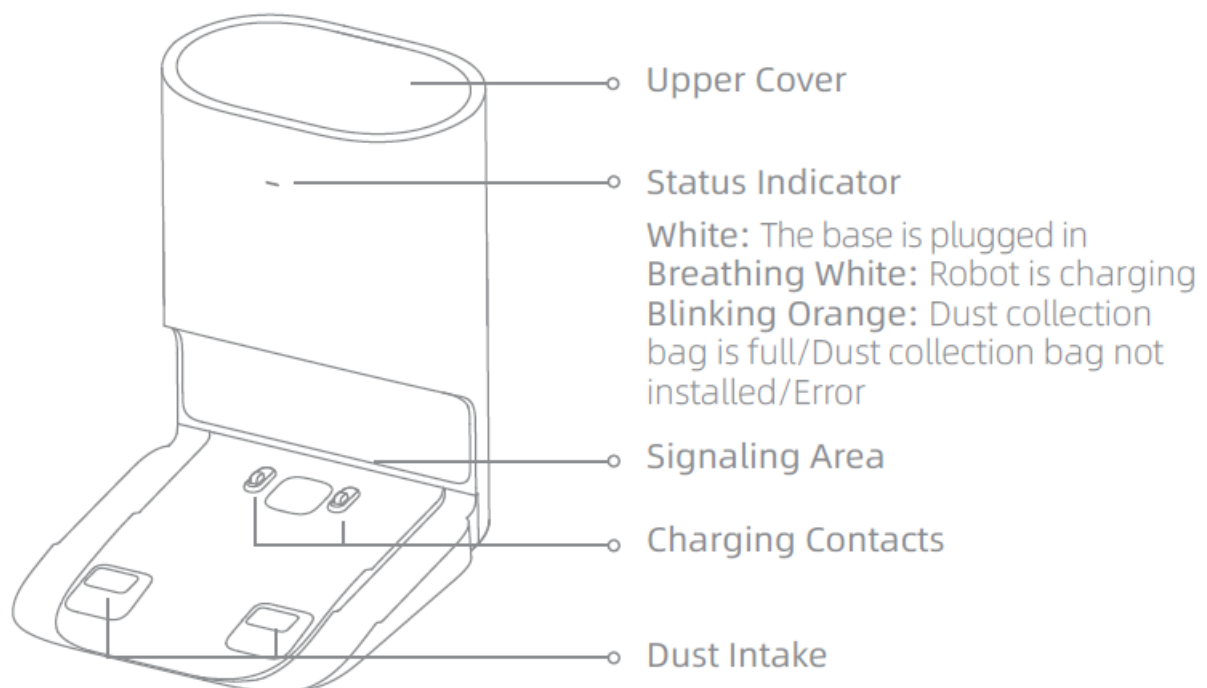
Cover

Wi-Fi Indicator

Cleaning Tool

Air Outlet/Speaker

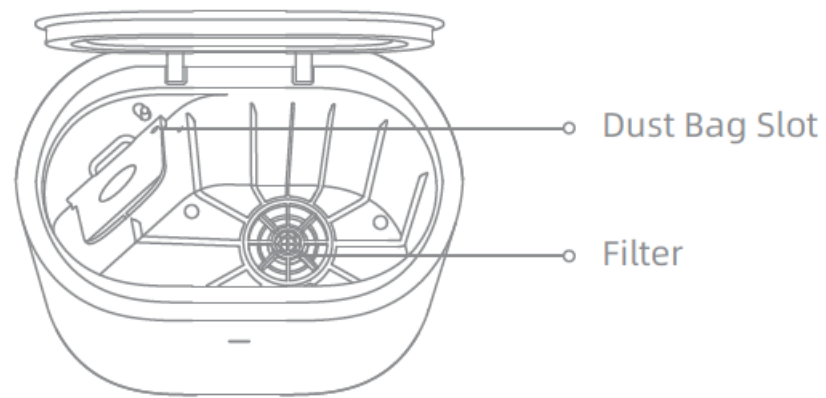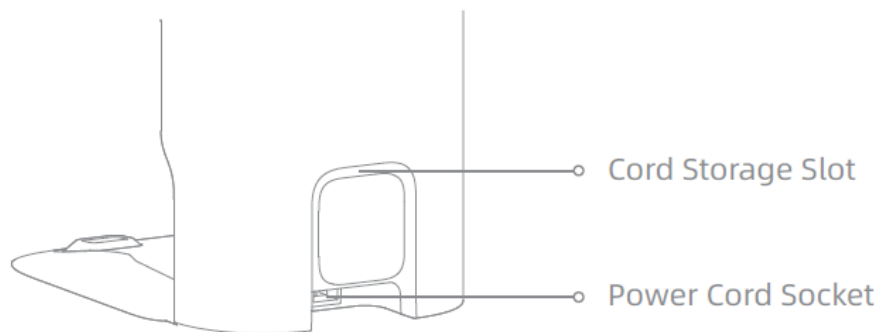Cliff Sensors

Side Brush

Universal Wheel

Charging Contacts

Main Brush

Brush Guard Clips

Main Wheels

Auto-empty Vents

Robot Sensors

Laser Distance Sensor

Bumper

Return-to-Base Sensor

Auto-Empty Base

Upper Cover

Status Indicator

White: The base is plugged in
Breathing White: Robot is charging
Blinking Orange: Dust collection
bag is full/Dust collection bag not
installed/Error

Signaling Area

Charging Contacts

Dust Intake

Open the upper cover

Dust Bag Slot

Filter

Back

Cord Storage Slot

Power Cord Socket

Bottom

Mounting Screw

Air Duct Cover

Dust Bin

Bin Clip

Bin Cover Release Clip

Filter

Dust Intake

Dust Collection Bag

Dust Bag Handle

Mopping Module

Water Tank

Water Tank Release Clip
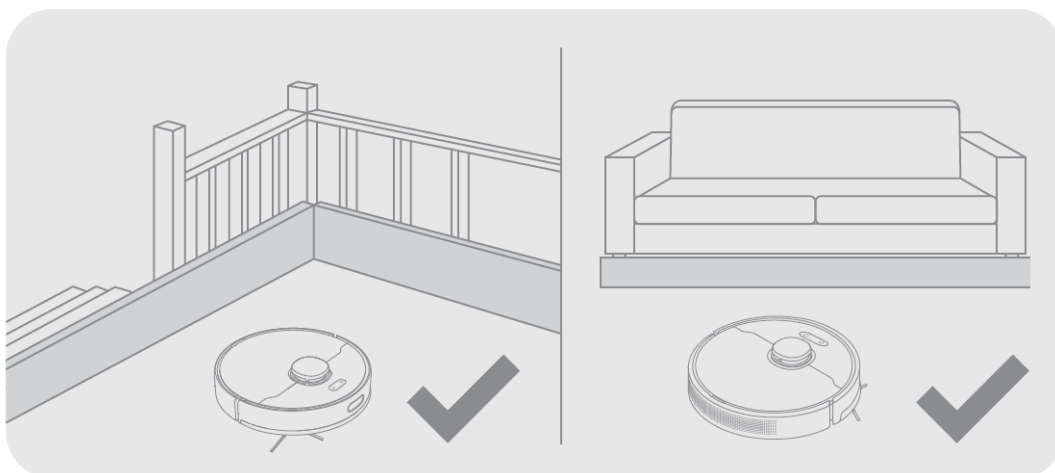
Water Inlet

Mop Pad

Slot

Attaching Area

Note: Due to the factory setting, a new dust collection bag has been installed inside already.
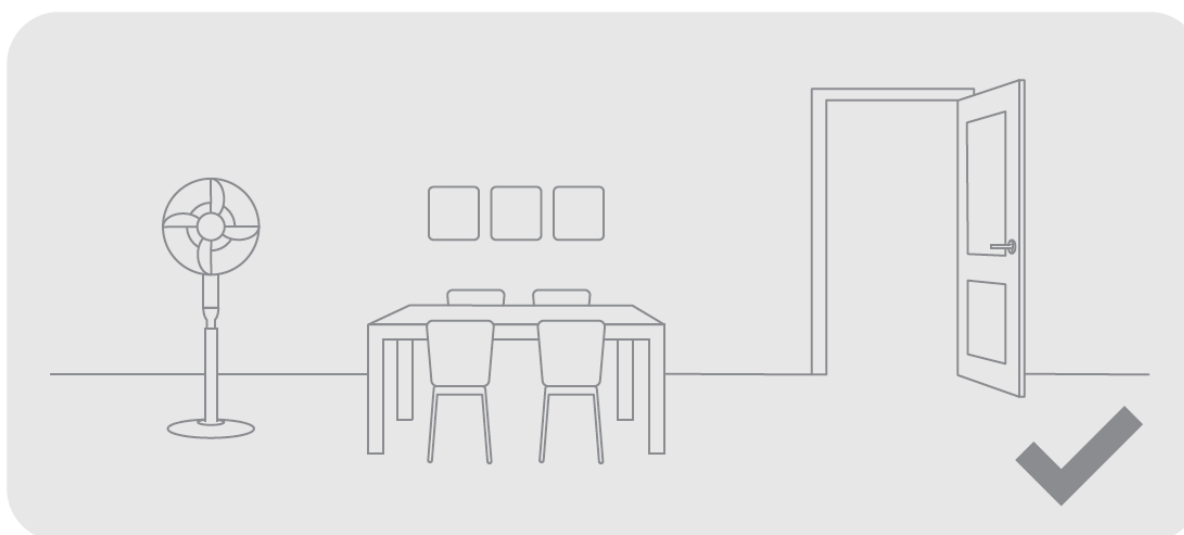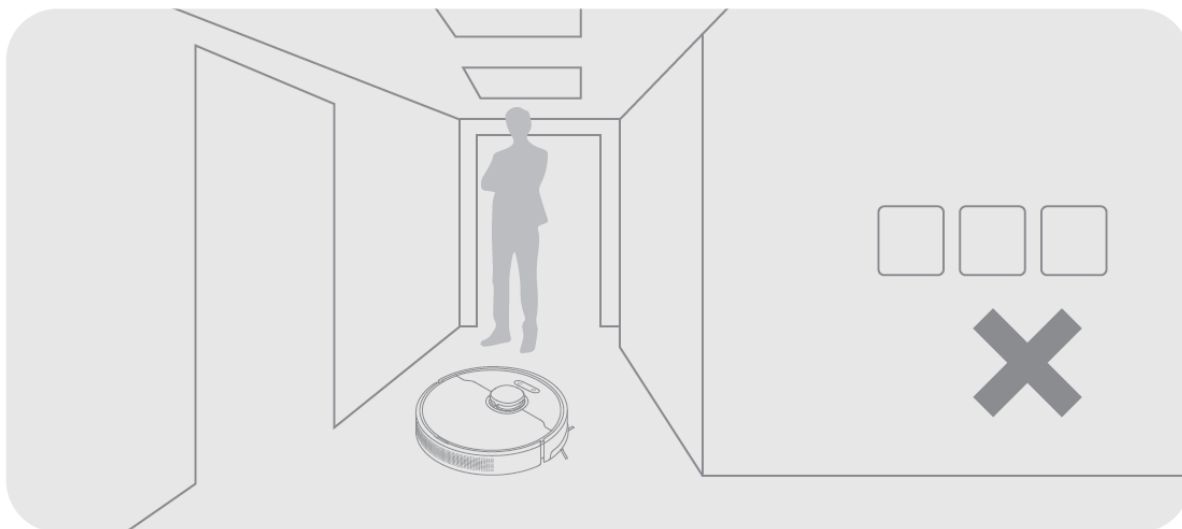
Preparing Your Home

To improve the working efficiency of your robot, put away any loose cords , rags, slippers, toys, etc.

Before cleaning, place a physical barrier at the edge of the stairs and sofa to ensure safe and smooth operation of the robot.
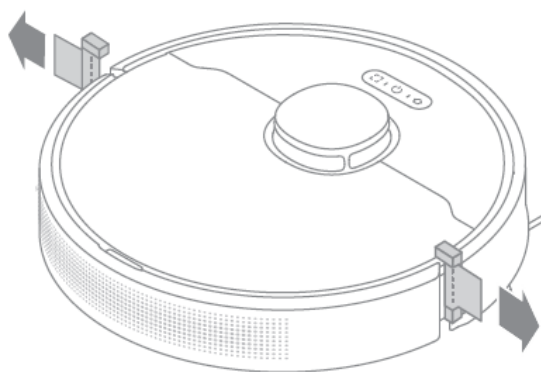

Open the door of the room to be cleaned, and put the furniture in its proper place to make more space.
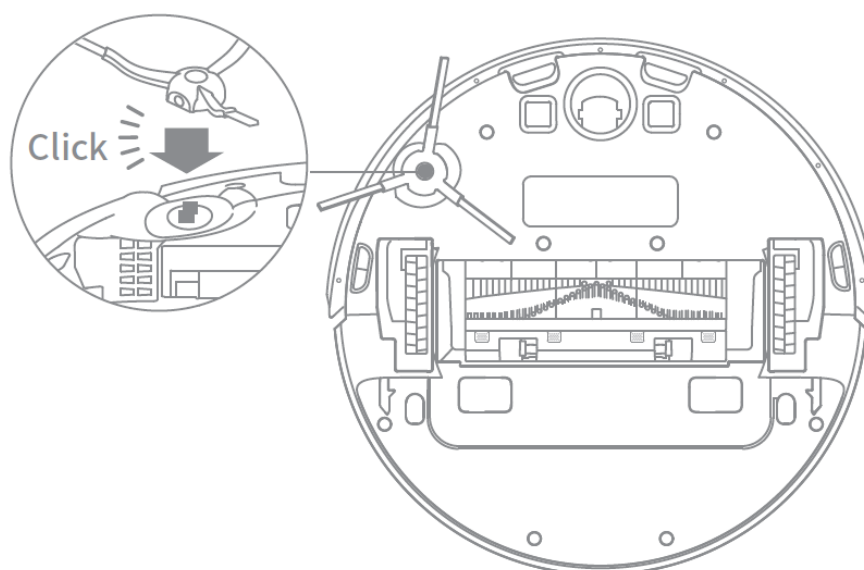
To prevent the robot from not recognizing the area that needs to be cleaned, do not stand in the front of the robot, threshold, hallway, or narrow places.

## Before Use

1. Remove the protective strips

2. Install the side brush

   Note: Install the side brush until it clicks into place.
3. Connect to a power outlet and start charging

Place the base on level ground against the wall and connect it to a power outlet. Place the robot onto the base to charge. The robot will turn on automatically and begin charging. It is recommended to fully charge your robot before first-time use.
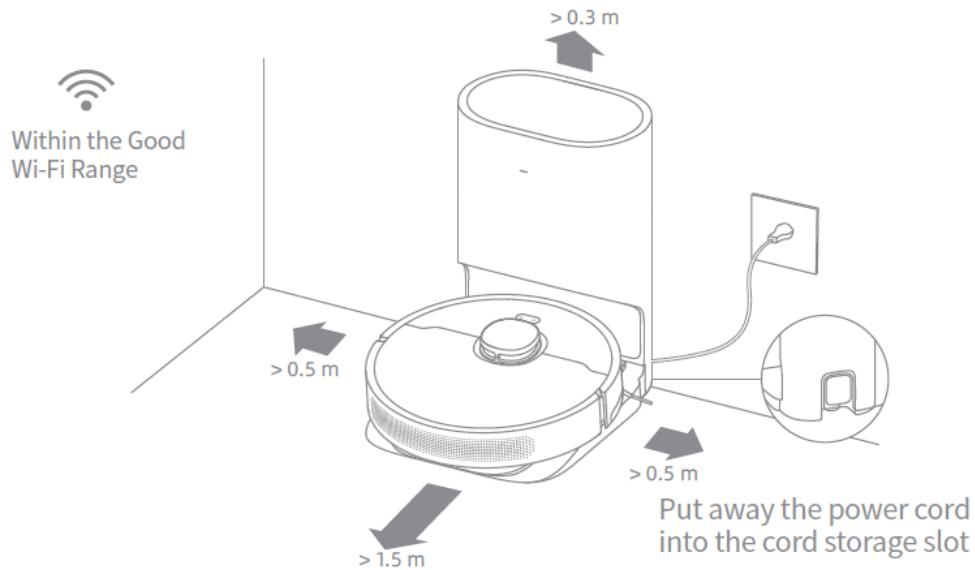
Note:

- Keep the immediate area 1.5 m in front of the base and 0.5 m to its both sides clear of objects.
- Make sure that no objects might block the signaling area.

About the Auto-Empty Base
It is recommended that the robot set out from the base before cleaning. Do not move the base while the robot is cleaning. This ensures that the robot returns to base smoothly.
After the robot completes the cleaning task and automatically returns to the base, the base will start auto-empty. More settings can be operated on the APP.

Connect with Dreamehome or Mi Home/Xiaomi Home App
This product works with the Dreamehome or Mi Home/Xiaomi Home app, which can be used to control your device.

1. **Download the Dreamehome or Mi Home/Xiaomi Home App**

   Scan the QR code on the robot, or search "Dreamehome", "Mi Home" or "Xiaomi Home" in the app store to download and install the app based on your needs.
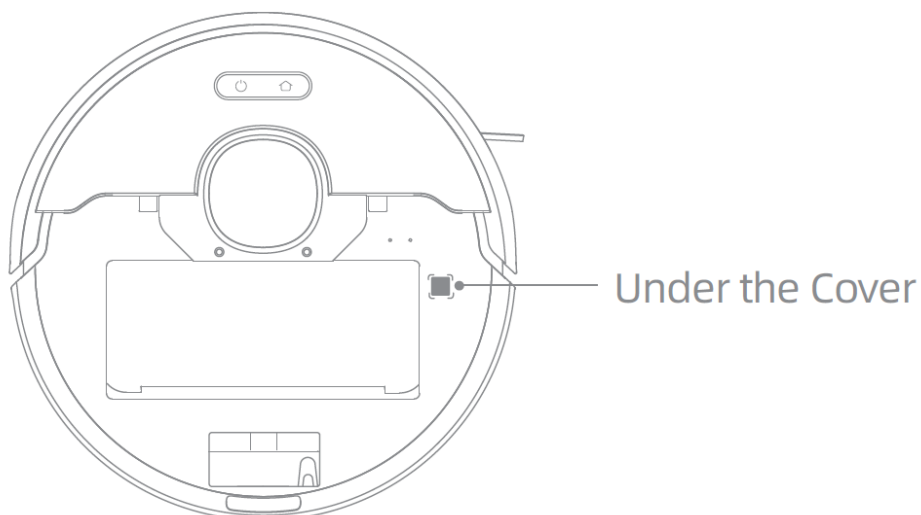
2. **Add Device**

Mi Home/Xiaomi Home APP: Open the Mi Home/Xiaomi Home app, tap " " in the upper right, and scan the QR code above again to add "Dreame Bot D10 Plus". Please follow the prompts to finish the Wi-Fi connection.
Dreamehome APP: Open the Dreamehome app, tap " " in the upper right to go to the "Add Device" page, and then select "Dreame Bot D10 Plus". Please follow the prompts to finish the Wi-Fi connection.
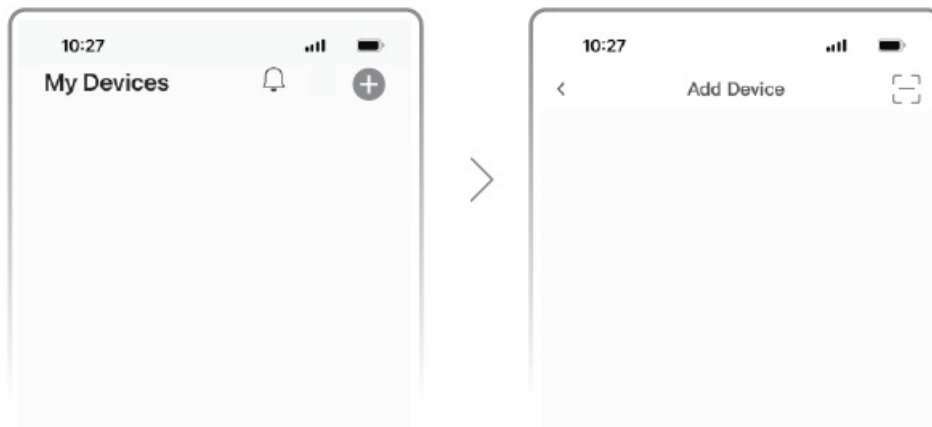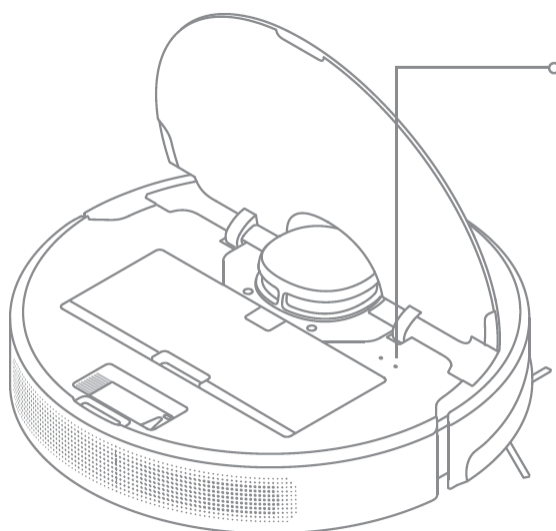

Note:

- Only 2.4GHz Wi-Fi is supported.
- The version of the app might have been updated, please follow the instructions based on the latest app version.

3. **Reset Wi-Fi**

Simultaneously press and hold the buttons and until you hear a voice prompt saying, "Waiting for the network configuration." Once the Wi-Fi indicator is blinking slowly, the Wi-Fi has been successfully reset.

Wi-Fi Indicator
· Blinking slowly: To be connected
· Blinking quickly: Connecting
· On: Wi-Fi connected

Note: If your robot cannot connect to the app successfully, reset the Wi-Fi and add the device again.

How to Use

1. **Fast Mapping**

After configuring the network for the first time, follow the instructions on the app to quickly create a map. The robot will start mapping without cleaning. When the robot returns to the base, the mapping process has been completed and the map will be saved automatically.

2. **Turn On/Off**

Press and hold the button ⏻ for 3 seconds to turn on the robot. Once the power indicator turns solid white, the

robot is on standby. To turn off the robot, press and hold the ⏻ button for 3 seconds when the robot is not moving.

3. **Start Cleaning**

   Press the button briefly to turn on the robot. Upon activation, the robot will accurately map out a route, methodically clean along the edges and walls, then finish by cleaning each room in an S-shaped pattern to ensure a thorough job.
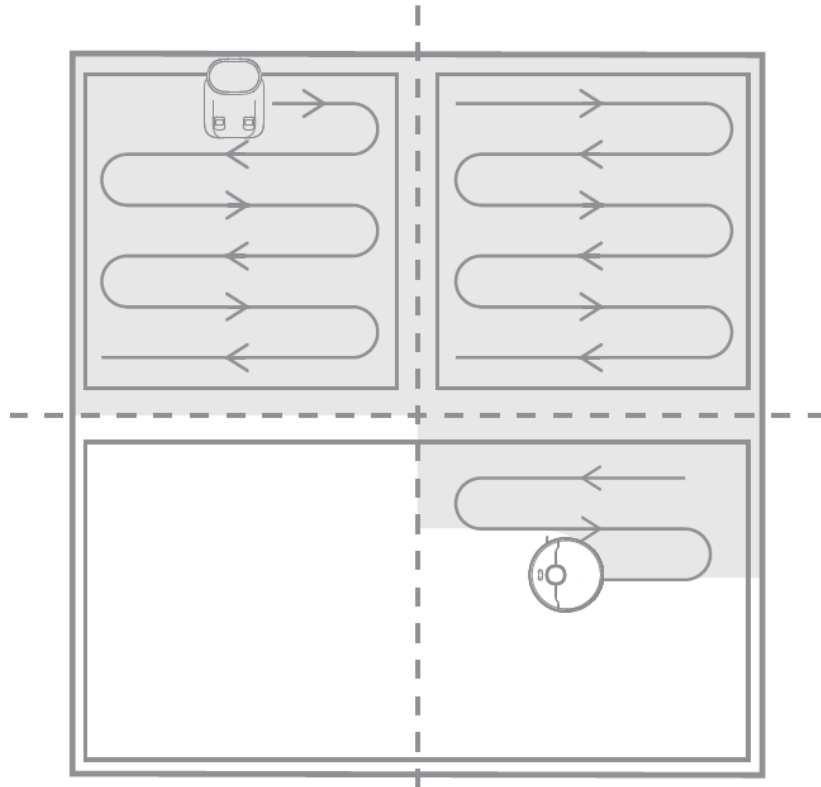
4. **Pause/Sleep Mode**

   When the robot is running, press any button to pause it. If the robot is paused for more than 10 minutes, it automatically enters sleep mode. All indicators on the robot will turn off. Press any button on the robot, or use the app to wake up the robot.

   Note:
   - The robot will turn off automatically if left in Sleep Mode for more than 12 hours.
   - If the robot is paused and placed onto the base, the current cleaning task will end.

5. **Do Not Disturb (DND) Mode**

   When the robot is set to the Do Not Disturb (DND) mode, the robot will be prevented from resuming cleaning and the power indicator goes out. The DND mode is disabled by default at the factory. You can use the app to enable the DND mode or modify the DND period. The DND period is 22:00-8:00 by default.

   Note:
   - The scheduled cleaning tasks will be performed on time during the DND period.
   - The robot will resume cleanup where it left off after the DND period expires.

6. **Spot Cleaning**

   When the robot is on standby, press briefly the button to enable the spot cleaning mode. In this mode, the robot cleans a square-shaped area of 1.5 × 1.5 meters around it and returns to its starting point once the spot cleaning is completed.

7. **Additional App Functions**

   Follow the instructions on the app interface to use more functions. The version of the app might have been

updated; please follow the instructions based on the current app version.

8. **Use the Mopping Function**

It is recommended that all floors are vacuumed at least three times before the first mopping session to achieve a better cleaning effect.

1. Dampen the mop pad and wring out excess water. Insert the mop pad into the slot of the water tank as shown in the figure, and paste the pad firmly.
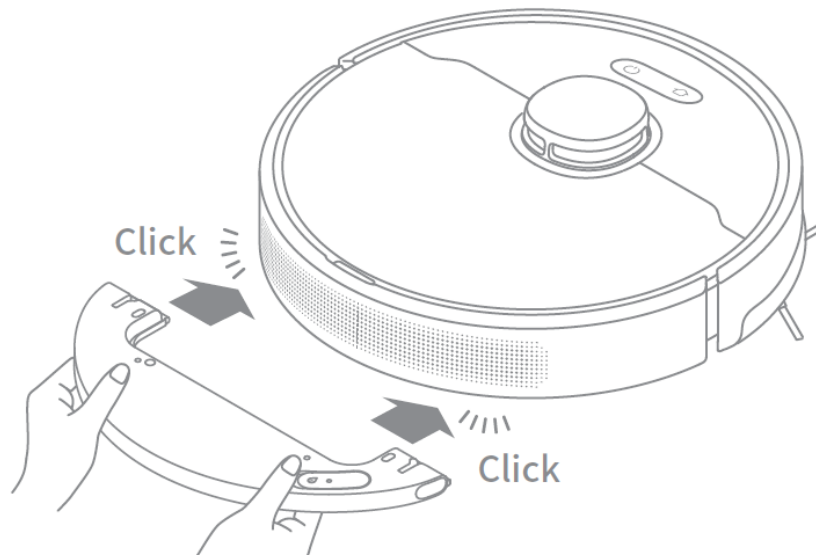

2. Fill the tank with water
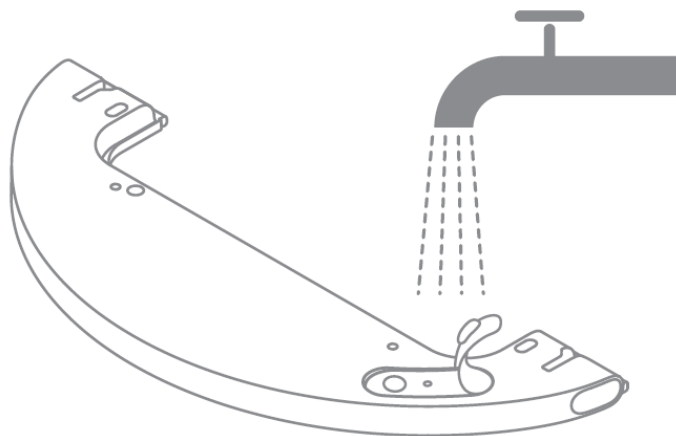
Note: Do not use detergent or disinfectant.

Do not fill the water tank with hot water as this may cause the water tank to warp.

3. Align the mopping module as indicated by the arrow, then slide it into the back of the robot until it clicks into place. Press the button or use the Dreamehome or Mi Home/Xiaomi Home app to start cleaning.

Note:

- It is not recommended to use the mopping function on carpets.
- Use the app to adjust the water flow as required.

Parts
To keep the robot in good condition, it is recommended to refer to the following table for routine maintenance.

Part	Maintenance Frequency	Replacement Period
Mop pad	After each use	Every 3 to 6 months
Main brush	Once every 2 weeks	Every 6 to 12 months
Dust bin filter		Every 3 to 6 months
Side brush		
Auto-empty base's signaling area	Once every month	/
Charging contacts		
Auto-empty vent		
Universal wheel		
Laser Distance Sensor (LDS)		
AI visual sensor		
Cliff sensors		
Water tank	Clean it as needed	/

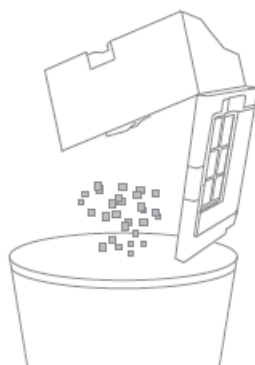| Dust bin		
Dust collection bag	/	8-10 weeks

Note: The replacement frequency will depend on your usage of the robot. If an exception occurs due to special circumstances, the parts should be replaced.
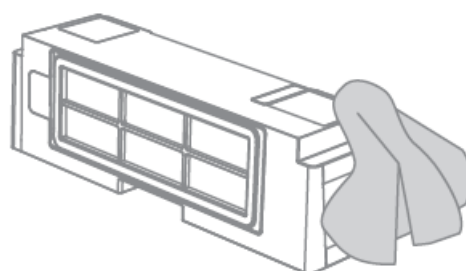
Clean the Dust Bin and Filter

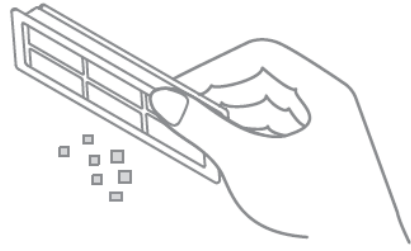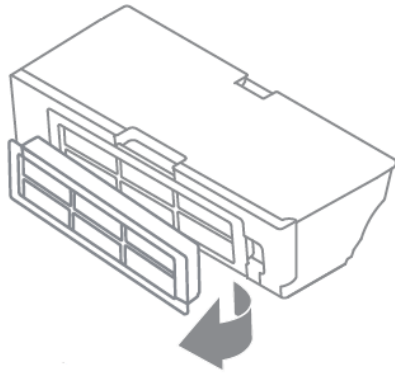1. Open the robot cover and press the bin clip to remove the dust bin.
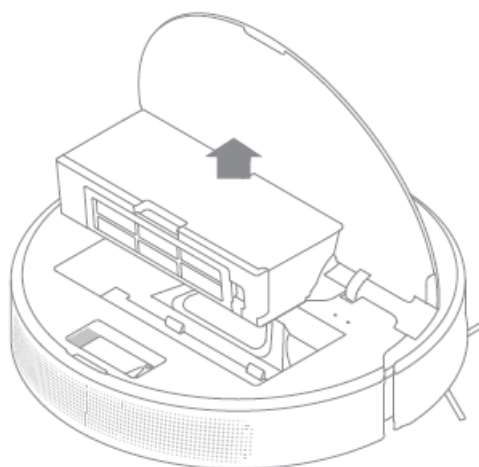
2. Open the bin cover and empty the bin as shown in the diagram.
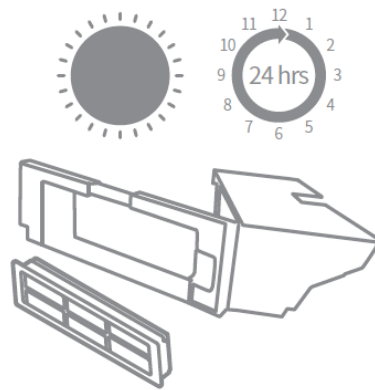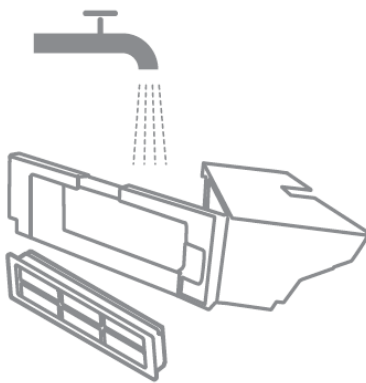

3. Clean the auto-empty vent.

4. Remove the filter and tap its basket gently.

Note: Do not attempt to clean the filter with a brush, finger, or any sharp objects so as to avoid damaging it.

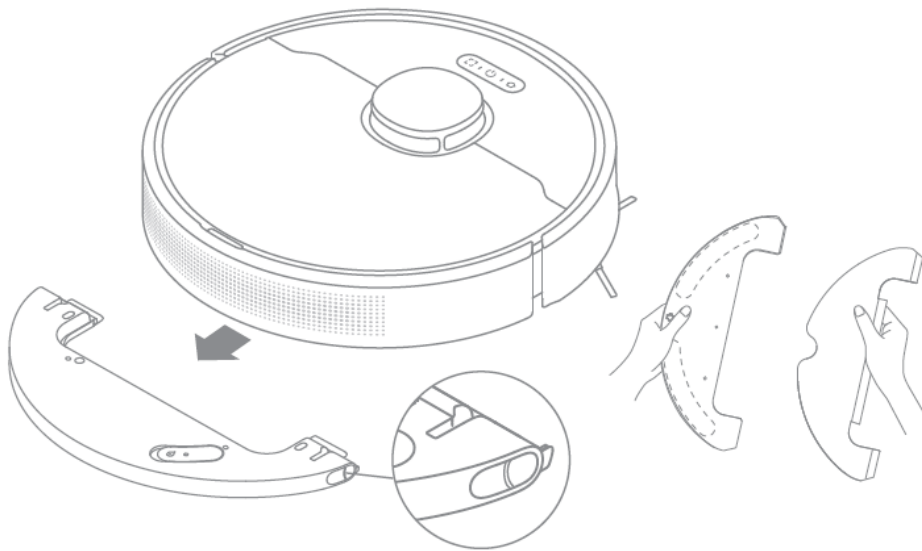5. Rinse the dust bin and filter with water and dry them completely before reinstalling.
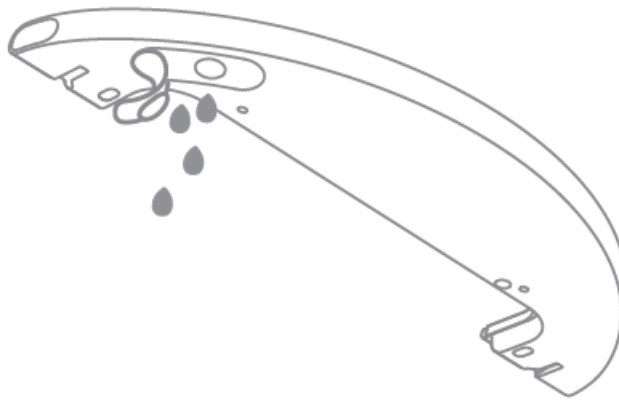

Note:

- Rinse the dust bin with clean water only. Do not use any detergent.
- Use the dust bin and filter when they are completely dry.

Clean the Mopping Module

1. Press the two release clips on the side of the water tank, remove the mopping module, and pull the mop pad off the mopping module.

2. Pour out the water in the tank. Clean with only water and leave out to air dry before re-installing.

Note: Do not expose the tank to the sun directly.

3. Clean the mop pad with water only and leave to air dry before re-installing.
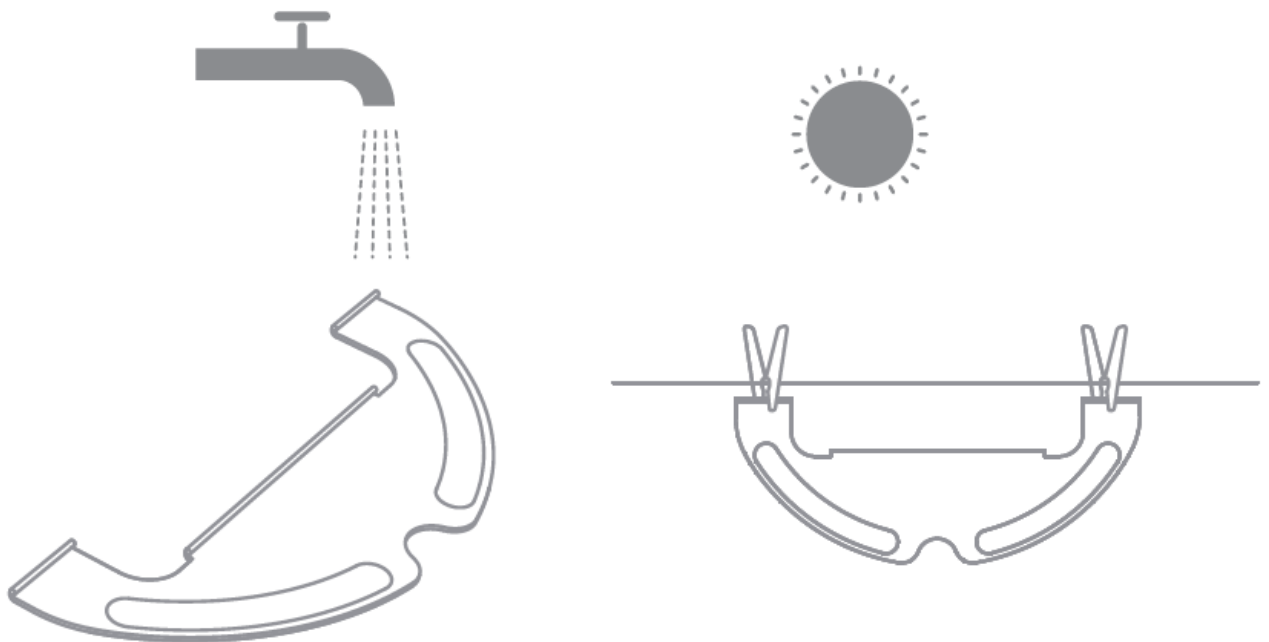
Note:

- Remove the pad from the mopping module before cleaning it. Make sure dirty water does not flow back into the water outlet to avoid clogging.

4. If slow water flow occurs, or the volume is not well-distributed, clean the air hole in the cover of the water tank.
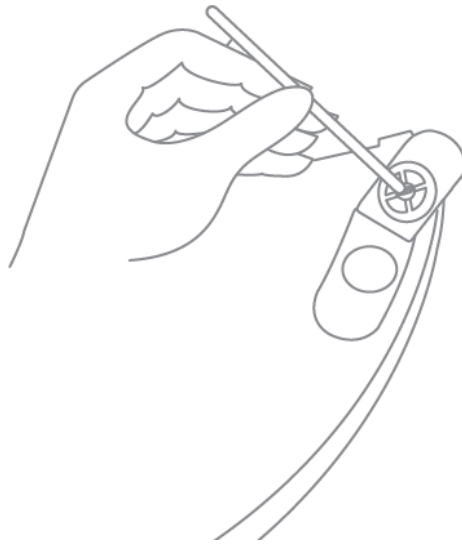
Routine Maintenance

Clean the Main Brush

1. Press the brush guard clips inwards to remove the brush guard and lift the brush out of the robot.

2. Pull out the brush covers as shown in the diagram. Use the included cleaning tool to remove any hairs tangled in the brush.

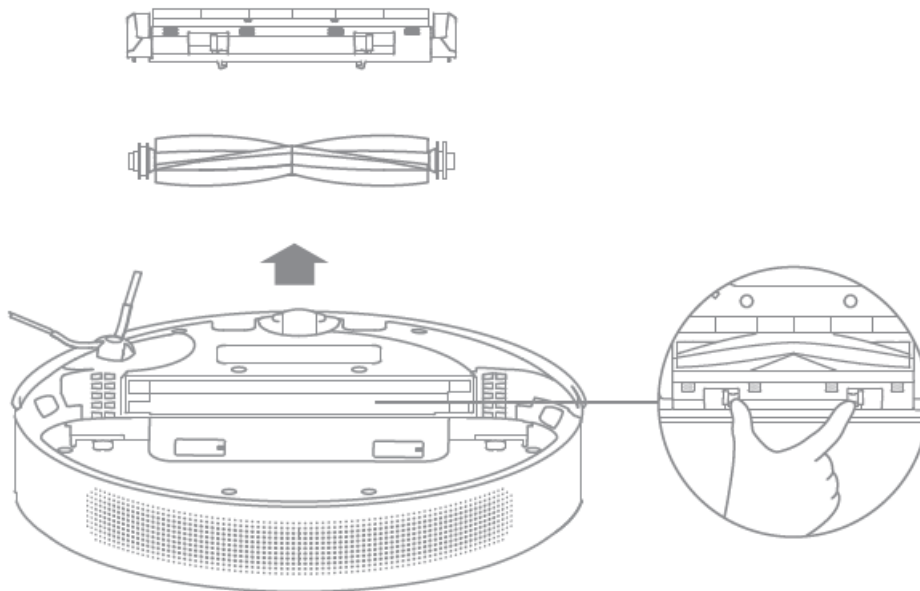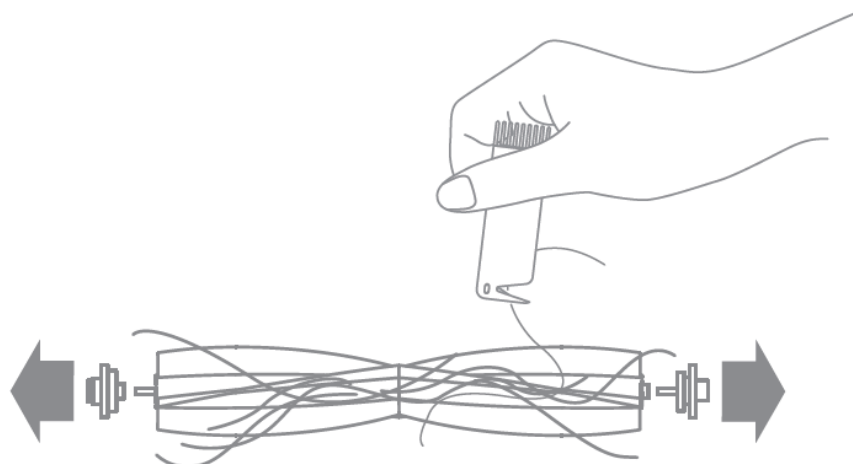**Note:** Do not pull out the hair tangled in the main brush excessively. Otherwise, the brush may be damaged.

Clean the Side Brush
Pull out the side brushes and use the cleaning tool to remove any hair tangled on the brush.
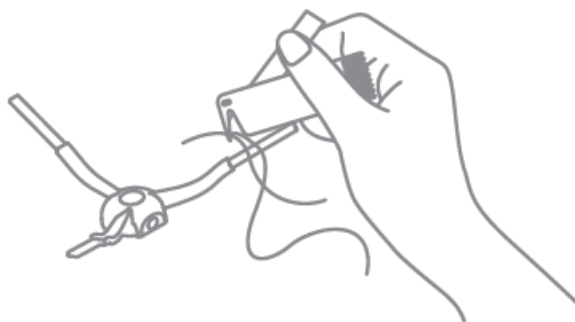
Clean the Main Wheel/Universal Wheel
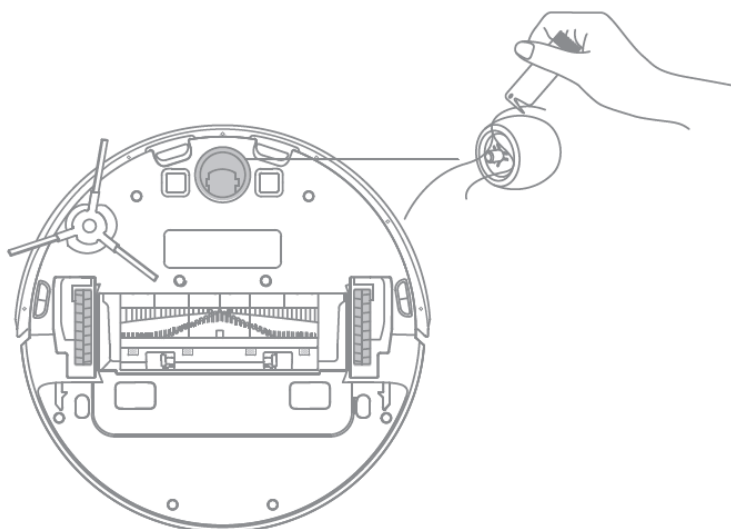
Note: Use a tool such as a small screwdriver to separate the axle and tire of the universal wheel.

Note: Wet cloths can damage sensitive elements within the robot and base. Please use dry rags for cleaning.

Clean the LDS Laser Sensor
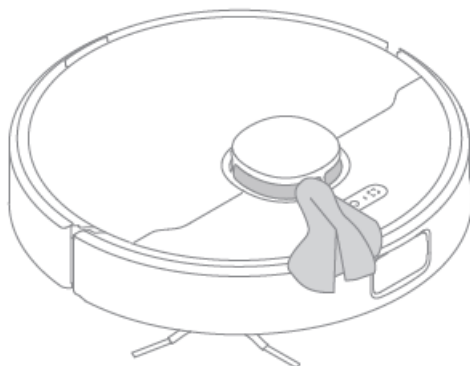
Clean the AI Visual Sensor
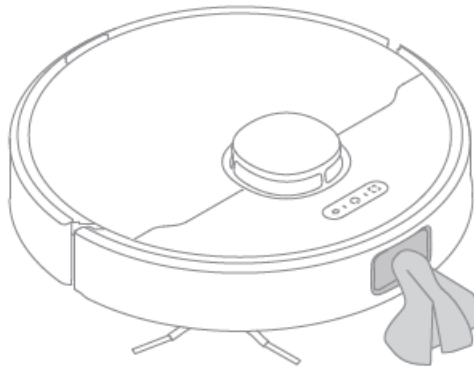
Clean the Cliff Sensor
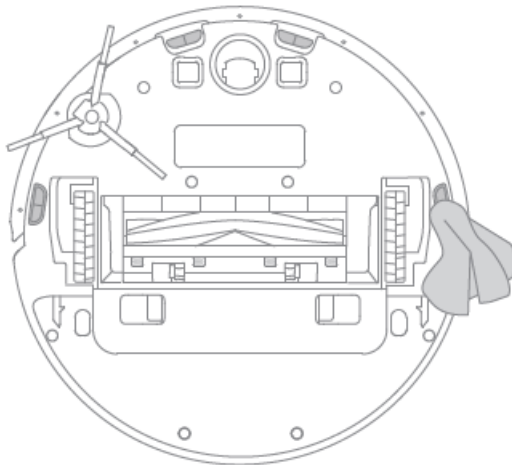
Clean the Charging Contacts and Auto-empty Vents
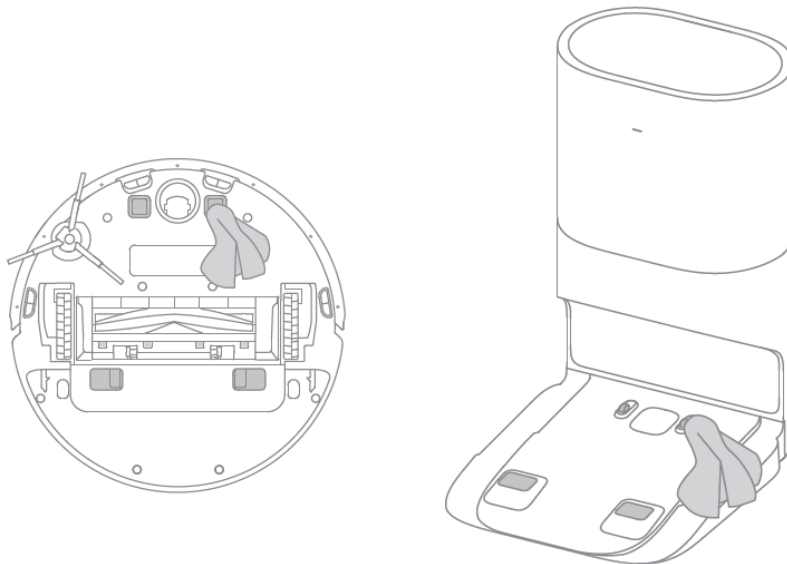
Replace the Dust Collection Bag
According to the status indicator (blinking orange) and app prompts, replace it with a new one when the dust collection bag is full.

1. Discard the dust collection bag
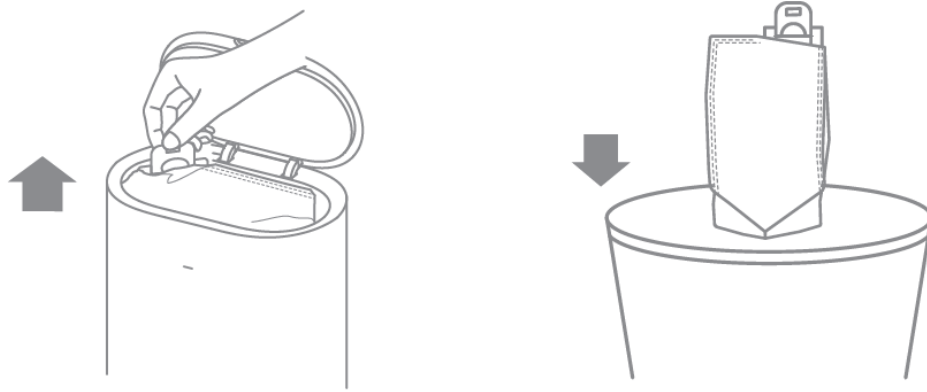
Note: When taking out the dust collection bag, close the dust bag handle to avoid dust leaking out.

2. Wipe the filter with a dry cloth

3. Install a new dust collection bag
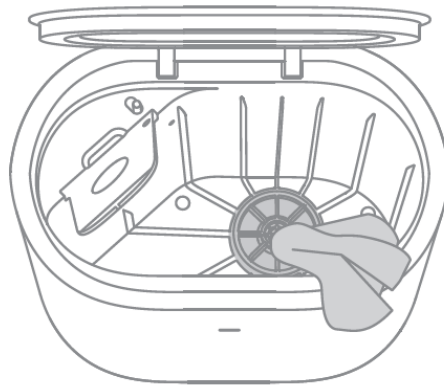
4. Close the upper cover of auto-empty base
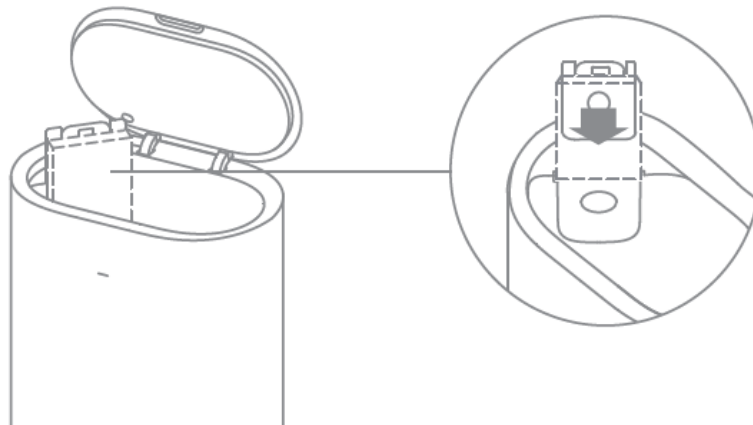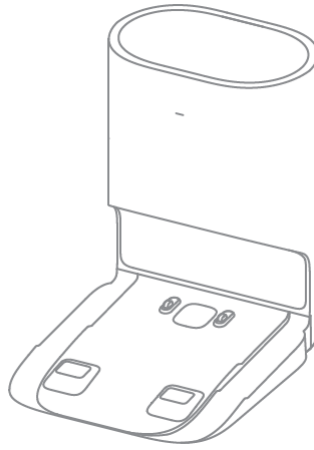
Note: Do not close the base forcelly, if the upper cover of base cannot be closed and the dust collection bag is not installed.

Clean the Air Duct
If the air duct is blocked, please clean it according to the following steps.

1. Unscrew mounting screws on the air duct cover and remove the cover plate.
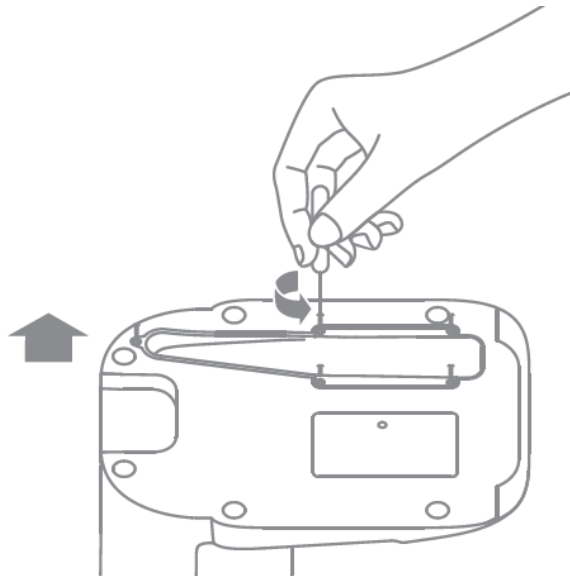
2. Check whether the air duct is blocked by foreign objects. If any, clean them.
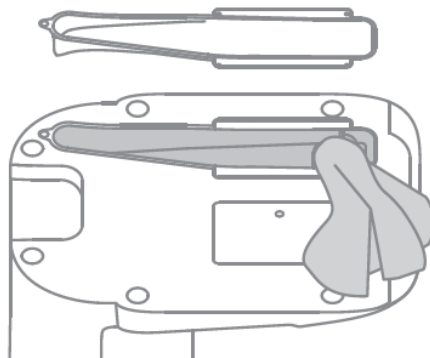
3. Reinstall the air duct cover as shown in the diagram.
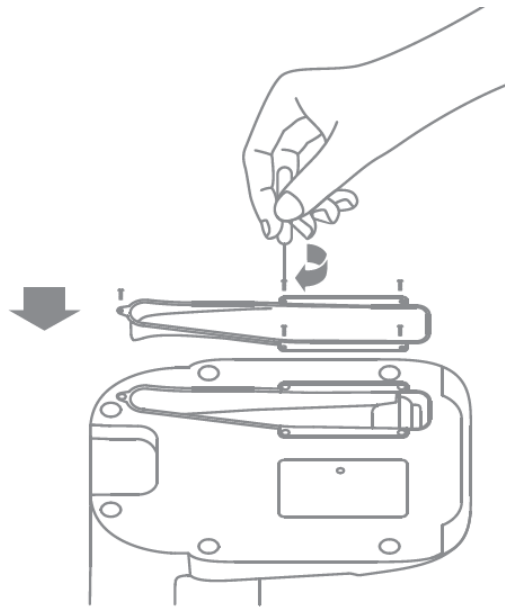
Robot Restarting

If the robot stops responding or cannot be turned off, press and hold down the button for 10 seconds to forcefully turn it off. Then press and hold the button for 3 seconds to turn the robot on.

Battery

The robot contains a high-performance lithium-ion battery pack. Please ensure that it remains well-charged for daily use to maintain optimal battery performance. If the robot is not used for an extended period of time, turn it off and put it away. To prevent damage from over-discharging, the robot should be recharged at least once every three months.

Troubleshooting

Problem Type	Solution
Robot does not turn on	The battery level is low. Recharge the robot on the base, then try it again. The ambient temperature is too low (below 0° C) or too high (above 40° C). The operating temperature of the robot is 0° C to 40° C.

Robot cannot recharge	The base is not receiving power. Please confirm that both ends of the power cord are plugged in correctly. Poor contact. Clean charging contacts of the base and robot.
Robot cannot return to the base	There are too many obstructions around the base. Place the base in a more open area. Please clean the signaling area of the base. Moving the robot may cause it to re-position itself or re-map its surroundings. If the robot is too far from the base, it might not be able to automatically return on its own, in which case you need to manually place the robot onto the base.
Robot is malfunctioning	Turn off the robot and then reactivate it.
Robot is making a strange noise	A foreign object may be caught in the main brush, side brush, or one of the main wheels. Stop the robot and remove any debris.
Robot no longer cleans effi- ciently or leaves dust behind	The dust bin is full. Please clean the dust bin and dust intake. The filter is blocked. Please clean it. A foreign object is caught in the main brush. Please clean it.

Robot cannot connect to Wi-Fi	There is something wrong with the Wi-Fi connection. Reset the Wi-Fi and download the latest version of the Dreamehome or Mi Home/Xiaomi Home, then try reconnecting. Location permission is not open. Please ensure the location permission on the Dreamehome or Mi Home/Xiaomi Home is enabled. Wi-Fi signal is weak. Make sure the robot is in an area with good Wi-Fi coverage. 5GHz Wi-Fi is not supported. Please ensure your robot connects to 2.4GHz Wi-Fi. The username or password of Wi-Fi is incorrect. Please enter the correct username and password.
Robot does not perform scheduled cleaning	The robot has low battery. Scheduled cleaning will not start unless the robot has been recharged in time.
Does leaving the robot on the base consume power if it is already fully charged?	Leaving the robot on the base after it's fully charged consumes very little electricity and helps maintain optimal battery performance.
No water comes out of the mopping module, or only a little bit comes out	Check whether there is water inside the water tank. Clean the mop if it becomes dirty. Make sure the mop pad is installed correctly according to the user manual. Clean the blowhole on the top of the water tank.

Robot doesn't resume cleaning after charging	Make sure the robot is not set to Do Not Disturb mode (DND), which will prevent it from resuming cleaning. The robot does not resume cleaning when it is manually recharged or placed onto the base.

Problem Type	Solution
Robot returns to the base without performing auto-empty tasks	DND mode prevents the robot from performing auto-empty tasks.
The dust collection bag is full	Check whether the dust collection bag is full. If so, replace it with a new one. It is recommended to replace the bag every 4-6 weeks. If not, check whether the dust intake or air duct at the bottom of the base is blocked. Remove any blockage before use.
The auto-empty duration can be unacceptably long sometimes	When the robot has been performing auto-empty tasks for a period of time, or when the air duct does not function smoothly, the auto-empty duration will be extended to prevent blockage.
The upper cover of base fails to be closed	Check whether a dust collection bag is installed. If not, install one.

For additional services, please contact us via **aftersales@dreame.tech**
Website: **https://global.dreametech.com**

Specifications

Robot

Model	RLS3D
Charging Time	Approx. 6 hours
Rated Voltage	14.4 V
Rated Power	46 W
Operation Frequency	2400-2483.5 MHz
Maximum Output Power	20 dBm

Auto-Empty Base

Model	RCS2
Rated Input	220-240 V ~ 50-60 Hz
Rated Output	19.8 V 1 A
Rated Power	800 W

Under normal use of condition, this equipment should be kept a separation
distance of at least 20cm between the antenna and the body of the user.

Battery Disposal and Removal
The built-in lithium-ion battery contains substances that are hazardous to the environment. Before disposing of the battery, make sure the battery is removed by qualified technicians and discarded at an appropriate recycling facility.

- The battery must be removed from the appliance before it is scrapped;
- The appliance must be disconnected from the supply mains when removing the battery;
- The battery is to be disposed of safely.

CAUTION:

- Before removing the battery, disconnect the power and run out the battery as much as possible.
- Unneeded batteries should be discarded at an appropriate recycling facility.
- Do not expose to high temperature environment to avoid risks of explosion.
- Under abusive conditions, liquid may be ejected from the battery.

  If contact occurs, flush with water and seek medical help.

WEEE Information
All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

The word "dreame" is the abbreviation of Dreame Technology Co., Ltd. and its subsidiaries in China. It is the transliteration of the company's Chinese name "   ", which means striving for excellence in every endeavor and reflects the company's vision of continuous pursuit, exploration and search in technology.

For more information & after-sales support, contact us via **aftersales@dreame.tech** /
https://global.dreametech.com

Manufactured by: Dreame Trading (Tianjin) Co., Ltd.
Made in China

Documents / Resources

[document thumbnail]	**Dreame D10 s Auto Empty Robot Vacuum and Mop** [pdf] User Manual D10 s Auto Empty Robot Vacuum and Mop, D10 s, Auto Empty Robot Vacuum and Mop, Robot Vacuum and Mop, Vacuum and Mop

References

- ᵉᵃʳ **ear-system.de/ear-verzeichnis/sammel-und-ruecknahmestellen**

Manuals+,