DreameBot D10 Plus Auto Empty Robot Vacuum and Mop User Manual
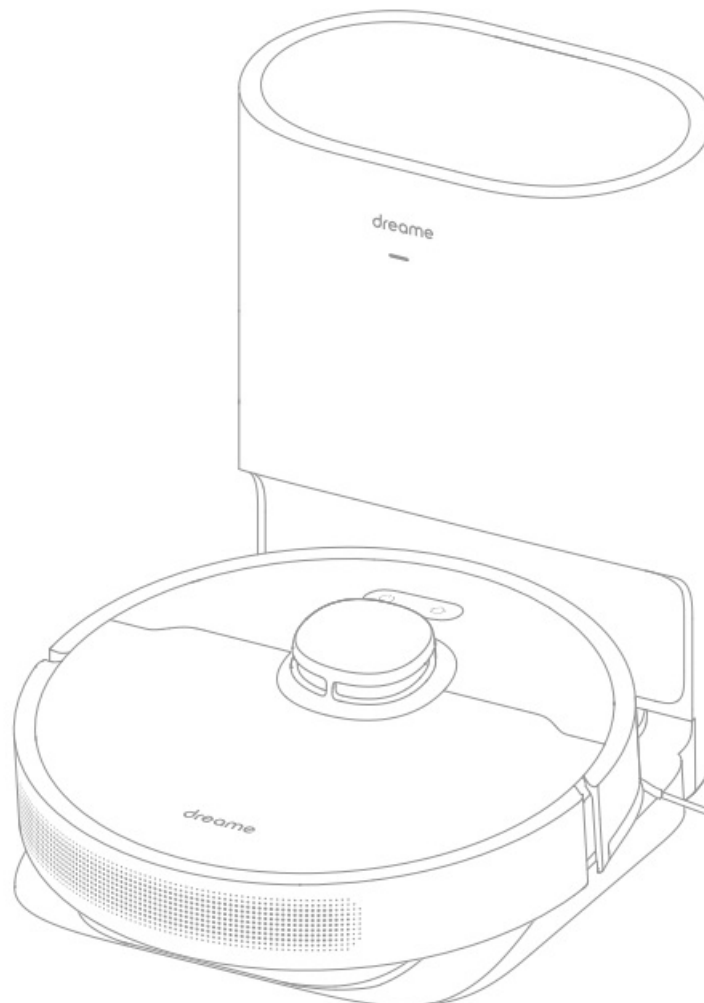
DreameBot D10 Plus

Auto-Empty Robot Vacuum and Mop
User Manual

dreame

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

Contents

Safety Information

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

- This product should not be used by children younger than 8 years old nor persons with physical, sensory, intellectual deficiencies, or limited experience or knowledge without the supervision of a parent or guardian to ensure safe operation and to avoid any risks. Cleaning and maintenance shall not be performed by children without supervision.
- Children shall not play with this product. Ensure children and pets are kept at a safe distance from the robot while it is operating.
- This product is for floor cleaning in a home environment only. Do not use it outdoors, on non-floor surfaces, or in a commercial or industrial setting.
- Do not use the robot in an area suspended above ground level without a protective barrier.
- Do not place the robot upside down. Do not use the LDS cover, robot cover, or bumper as a handle for the robot.
- Do not use the robot at an ambient temperature above 40° C or below 0° C or on a floor with liquids or sticky substances.
- Pick up any cables from the floor before using the robot to prevent it from dragging them while cleaning.
- Remove fragile or small items from the floor to prevent the robot from bumping into and damaging them.
- Keep hair, fingers, and other body parts away from the suction opening of the robot.
- Keep the 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.

Usage Restrictions

- Do not use the robot to clean any burning objects.

- Do not vacuum hard or sharp objects.
- 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 base. Washable parts must be dried completely before installing and using them.
- 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.
- Do not use any third-party battery or auto-empty base. Use only with RCS7 supply unit.
- Do not attempt to disassemble, repair, or modify the battery or auto-empty base on your own.

  Batteries and Charging
- 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 power cord becomes damaged or broken, stop using it immediately and contact after-sales service.

  Batteries and Charging
- Make sure the robot is turned off when being transported and kept in its original packaging if possible.
- 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 Distance Sensor
- 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

Pre-Installed Accessories

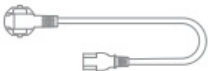Main Brush

Dust Bin

Cleaning Tool

Dust Collection Bag ×2
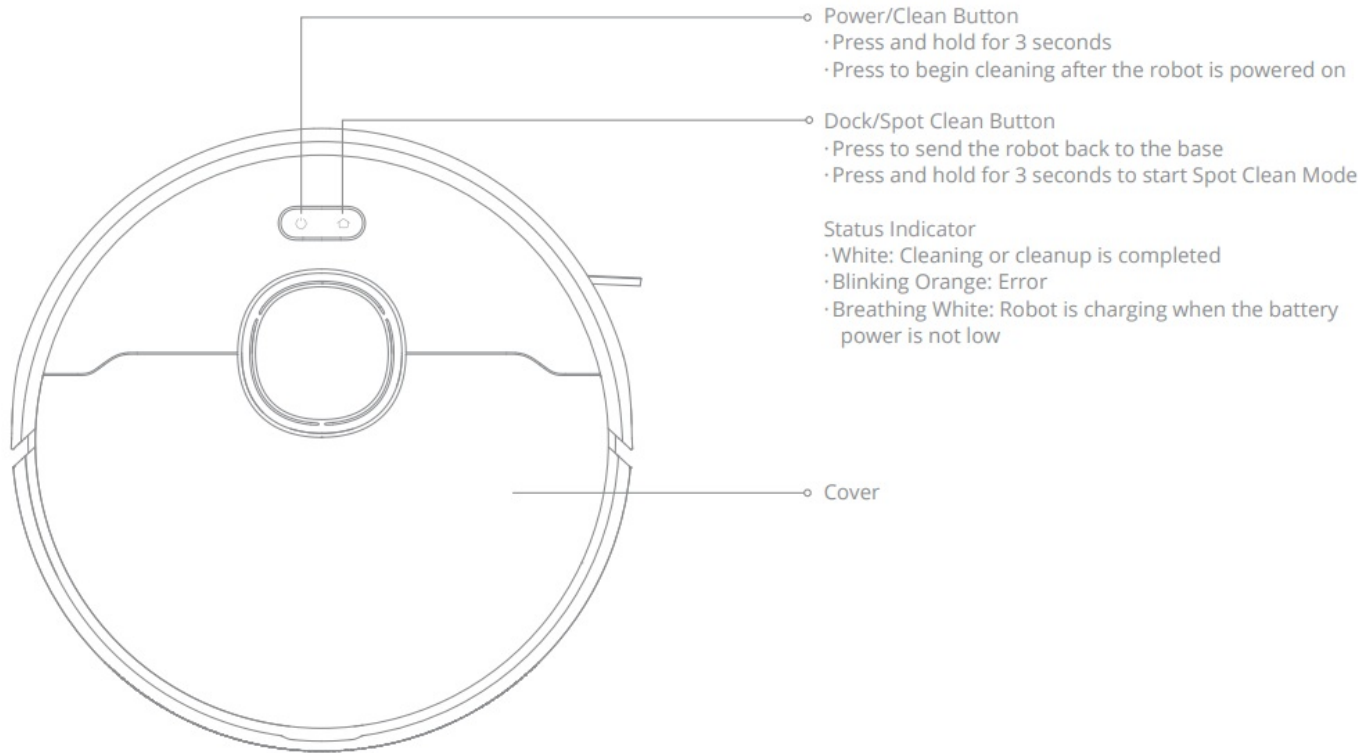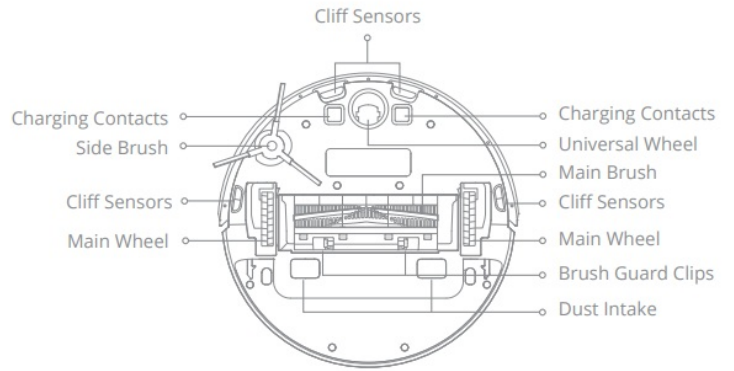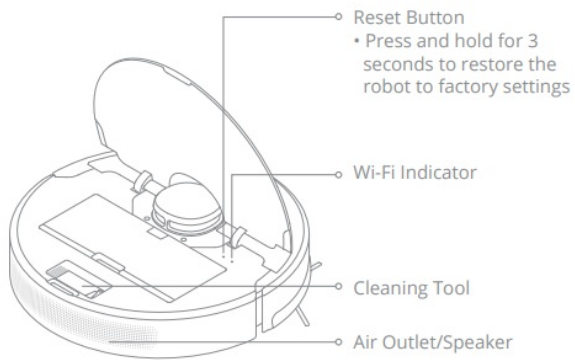(1 pre-installed)

Other Accessories

Water Tank

Mop Pad

Side Brush

Power Cord

Robot

Power/Clean Button
· Press and hold for 3 seconds
· Press to begin cleaning after the robot is powered on

Dock/Spot Clean Button
· Press to send the robot back to the base
· Press and hold for 3 seconds to start Spot Clean Mode

Status Indicator
· White: Cleaning or cleanup is completed
· Blinking Orange: Error
· Breathing White: Robot is charging when the battery
  power is not low

Cover

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

Wi-Fi Indicator

Cleaning Tool

Air Outlet/Speaker

Cliff Sensors

Charging Contacts

Side Brush

Cliff Sensors

Main Wheel

Charging Contacts

Universal Wheel

Main Brush

Cliff Sensors

Main Wheel

Brush Guard Clips

Dust Intake

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

Bottom

Mounting Screw

Air Duct Cover

Back

Cord Storage Slot

Power Cord Socket

Dust Bin

Bin Clip

Bin Cover Release Clip

Filter

Dust Intake

Mopping Module

W a t e r

Water Tank Release Clip
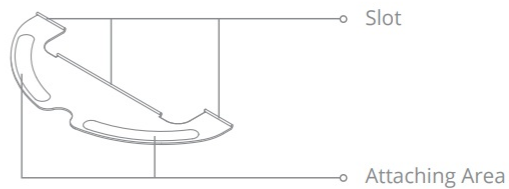
Water Inlet

Dust Collection Bag
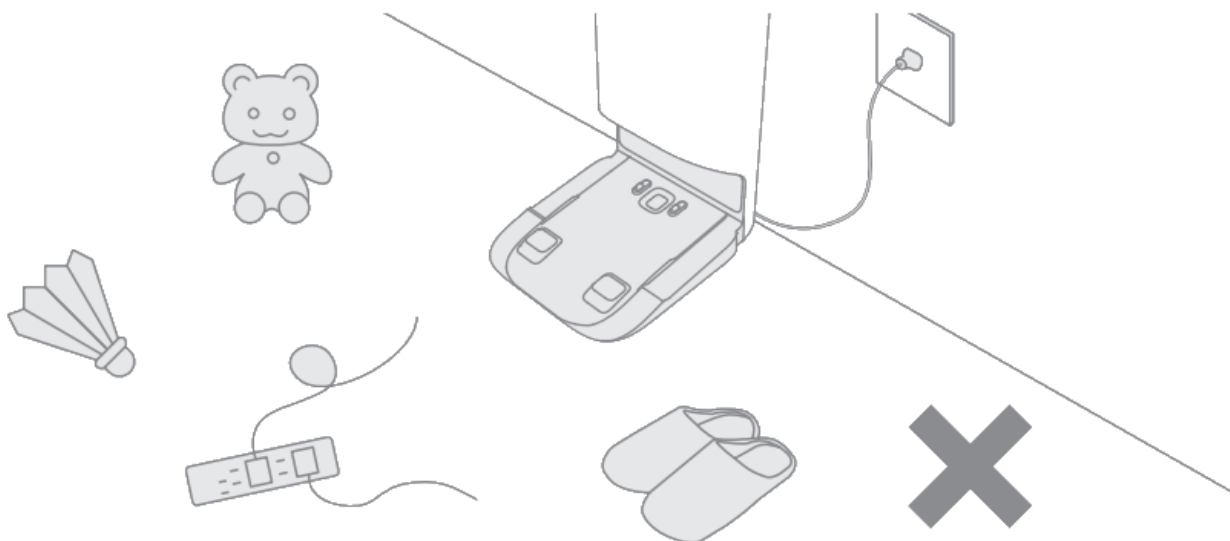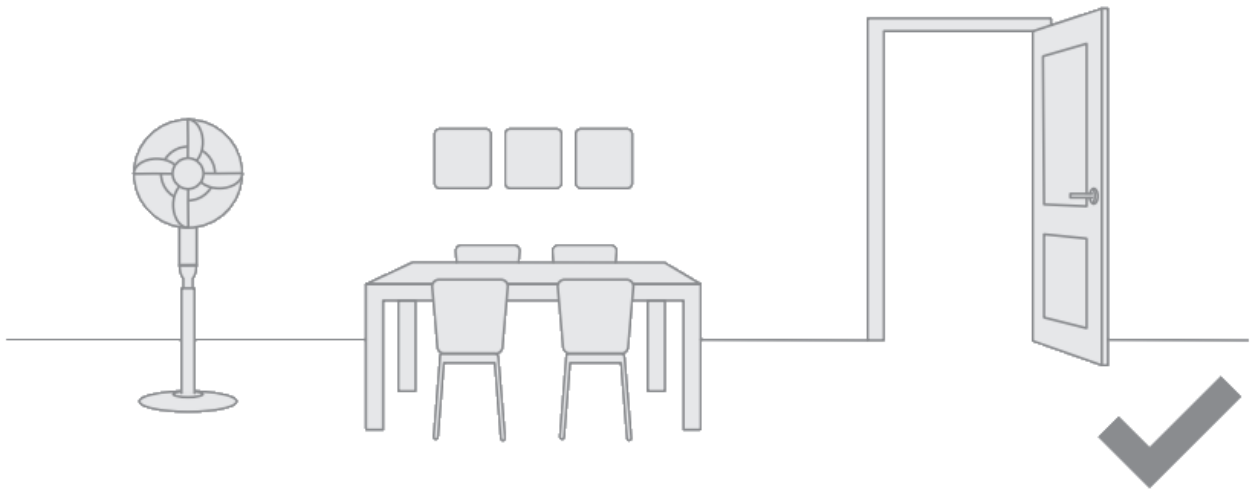
Dust Bag Handle

Mop Pad

Slot

Attaching Area

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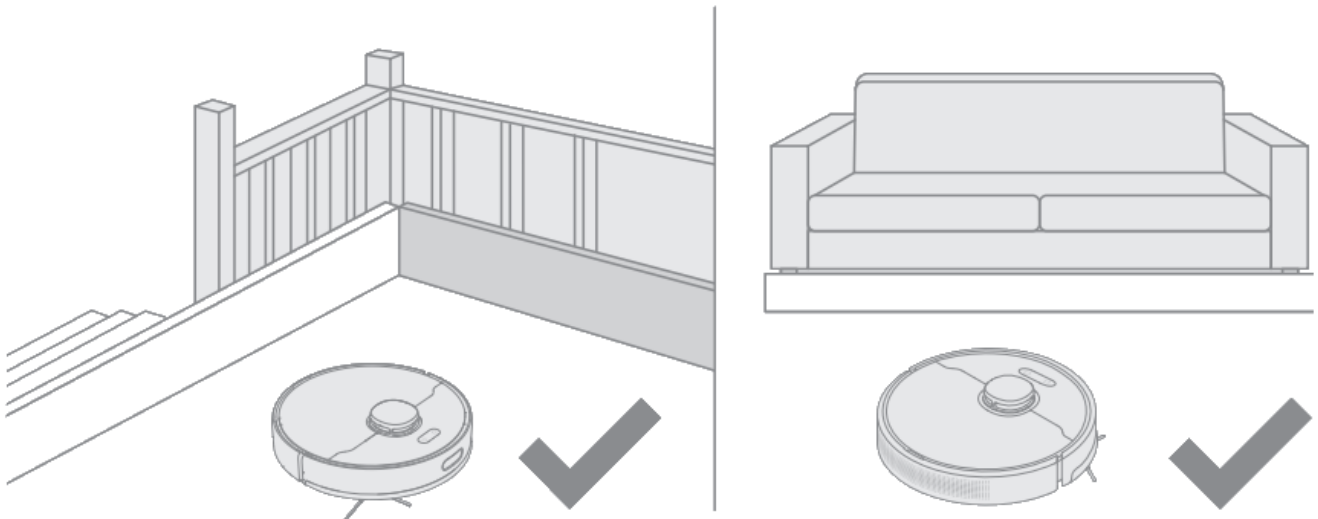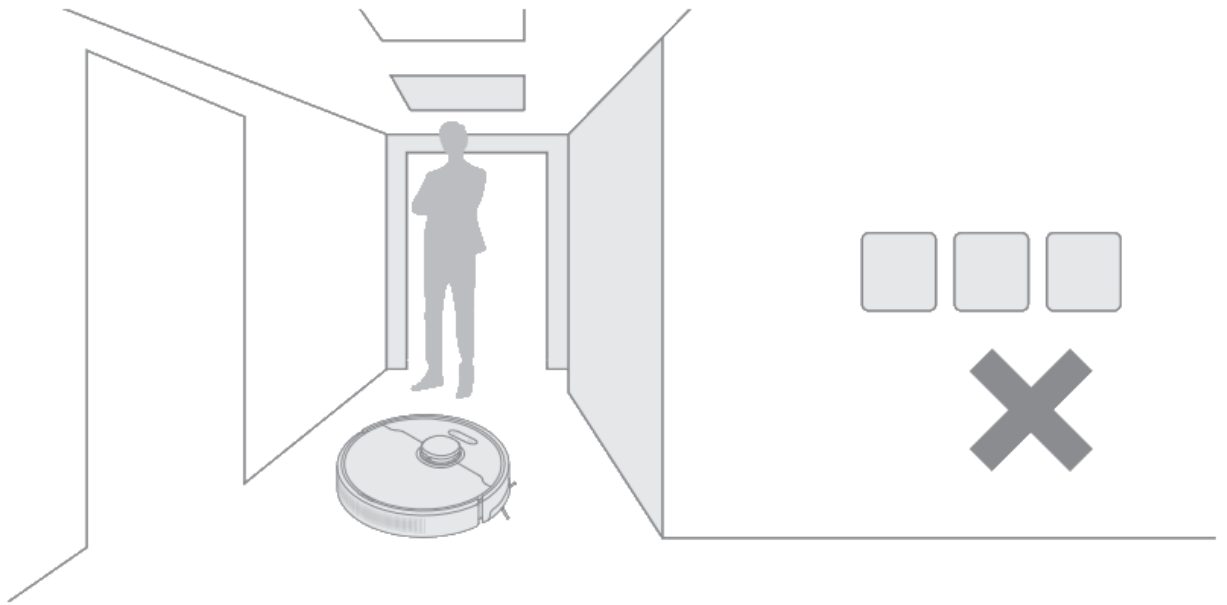
Clearing Home Environment

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

Open the door of the room to be cleaned, and put the furniture in its proper place to make more space.

Before cleaning, place a physical barrier at the edge of the stairs and sofa to ensure safe and smooth operation of the robot.
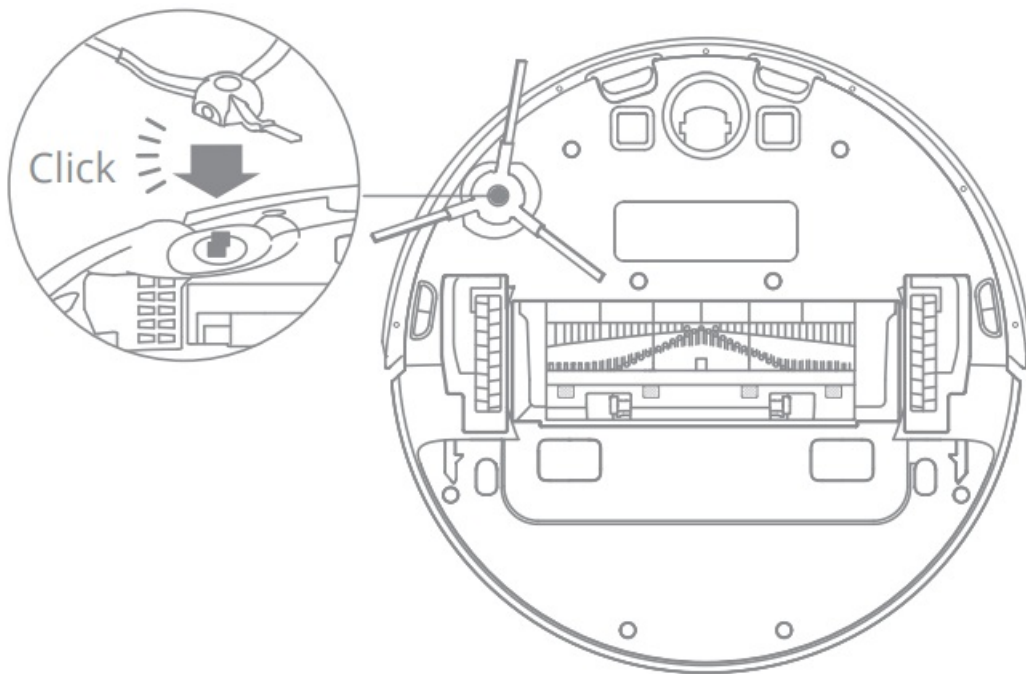
To prevent the robot from not recognizing the area that needs to be cleaned, do not stand in the front of the robot, threshold, hallway, or narrow places.

Preparation Before Use
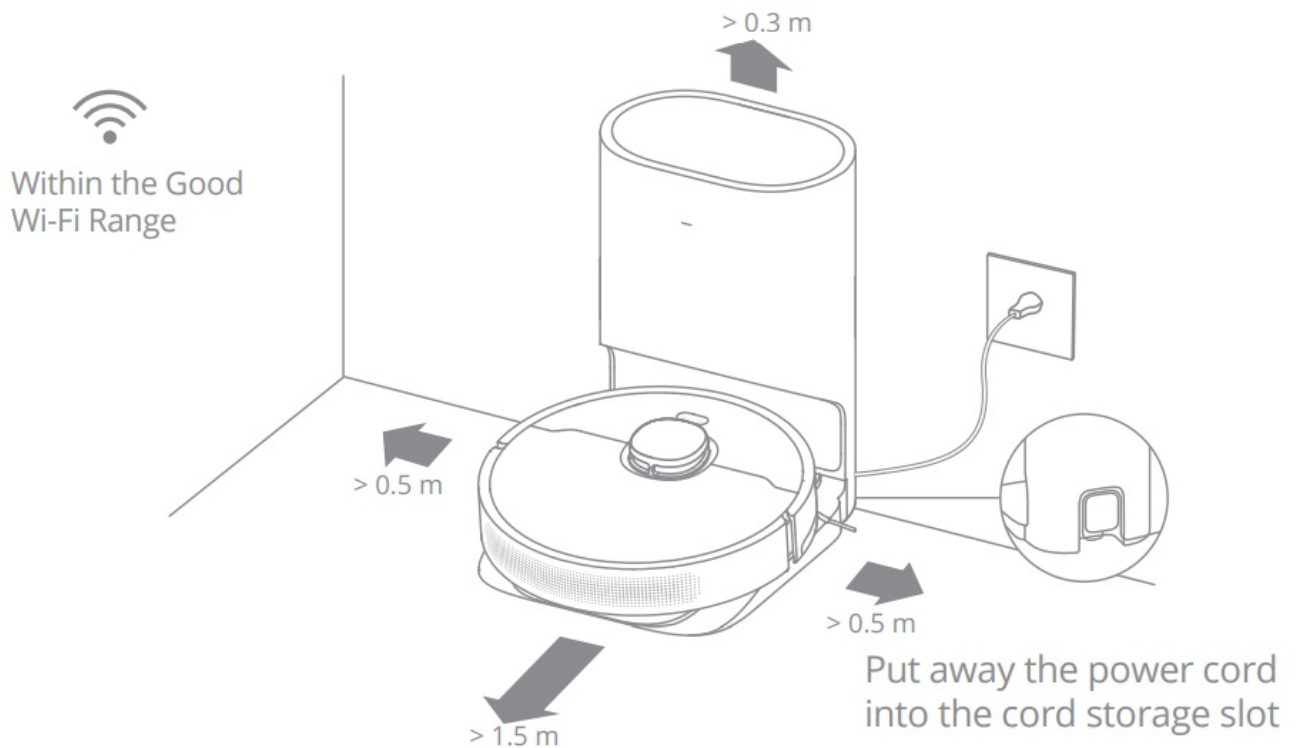
1. Remove the protective strips
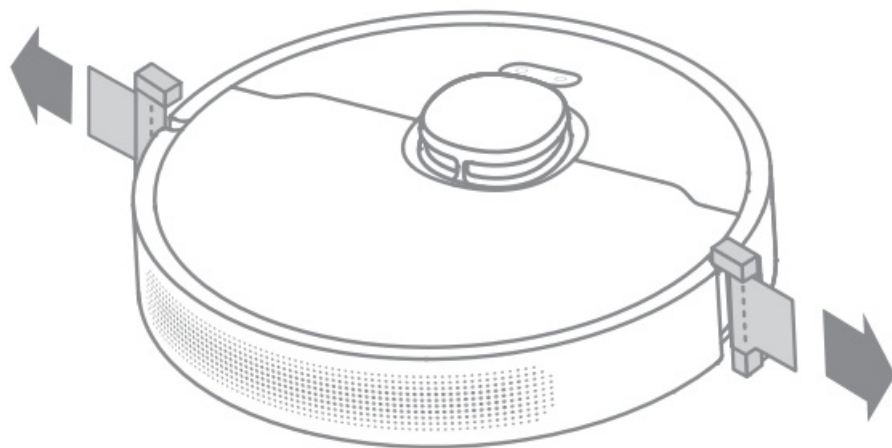
2. Install the side brush

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.

> 0.3 m

Within the Good
Wi-Fi Range

> 0.5 m

> 0.5 m

> 1.5 m

Put away the power cord
into the cord storage slot

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.

Under the Cover
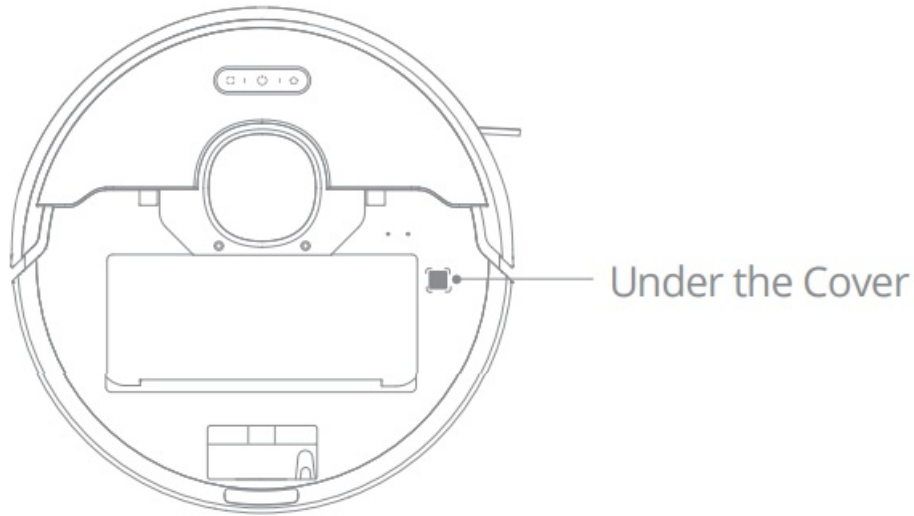
2. Add Device

   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

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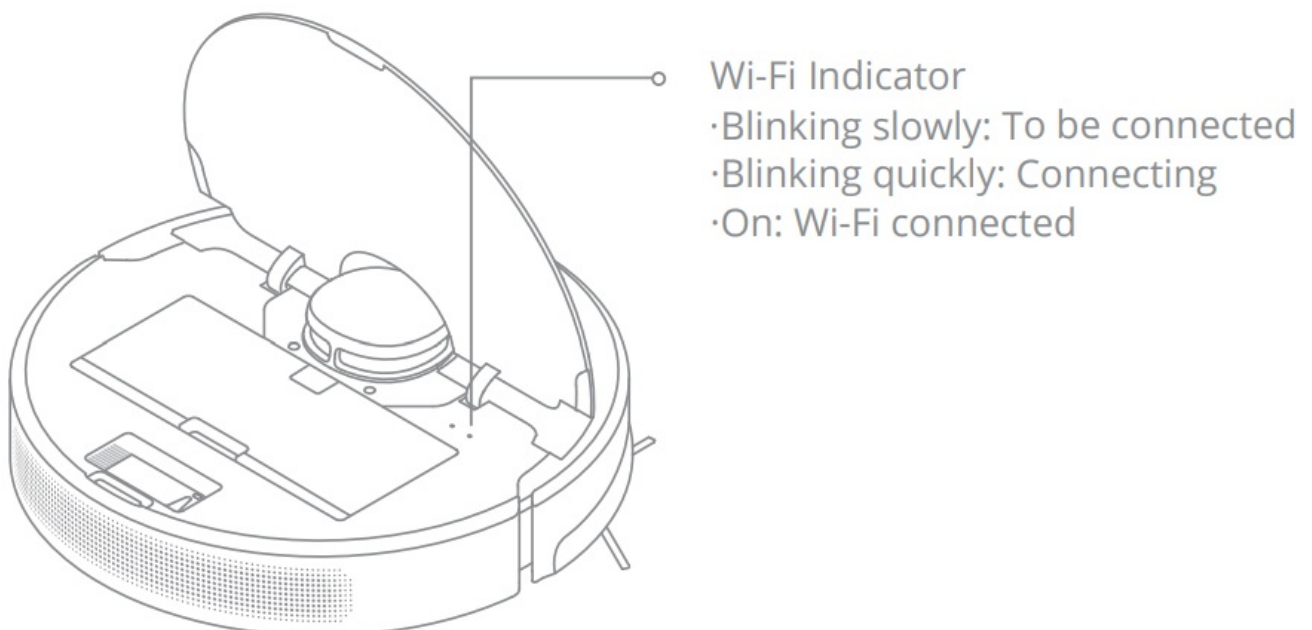
Note: If your robot cannot connect to the app successfully, reset the Wi-Fi and add the device again.

How to Use

1. 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.

2. 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.
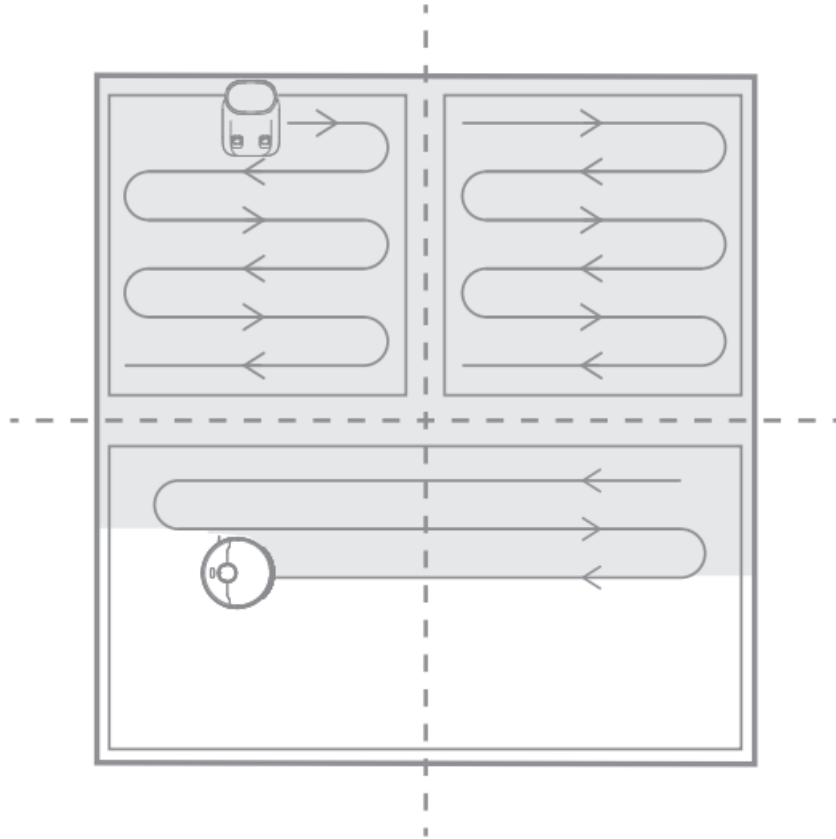
3. Cleaning Mode

   Dreame Bot D10 Plus has four cleaning modes: Quiet, Standard, Strong, and Turbo. The default mode is Standard. You can specify the cleaning mode in the Dreamehome or Mi Home/Xiaomi Home app.

4. Pause/Sleep Mode

   Pause: Press any button briefly to pause the robot during cleaning.

   Sleep Mode: If the robot pauses for more than 10 minutes, it automatically enters the sleep mode, and the power indicator and charging indicator will go off. To wake up the robot, press any button.

   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. Spot Clean Mode

   When the robot is paused or in Standby Mode, press and hold the button for 3 seconds to start Spot Clean Mode. In this mode, it will clean a square-shaped area of 1.5×1.5 meters directly around the robot. When the spot cleaning is done, the robot will automatically return to its original location and power off.

   Note: Activating Spot Clean Mode will end the current cleaning task of the

6. 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.

7. 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.
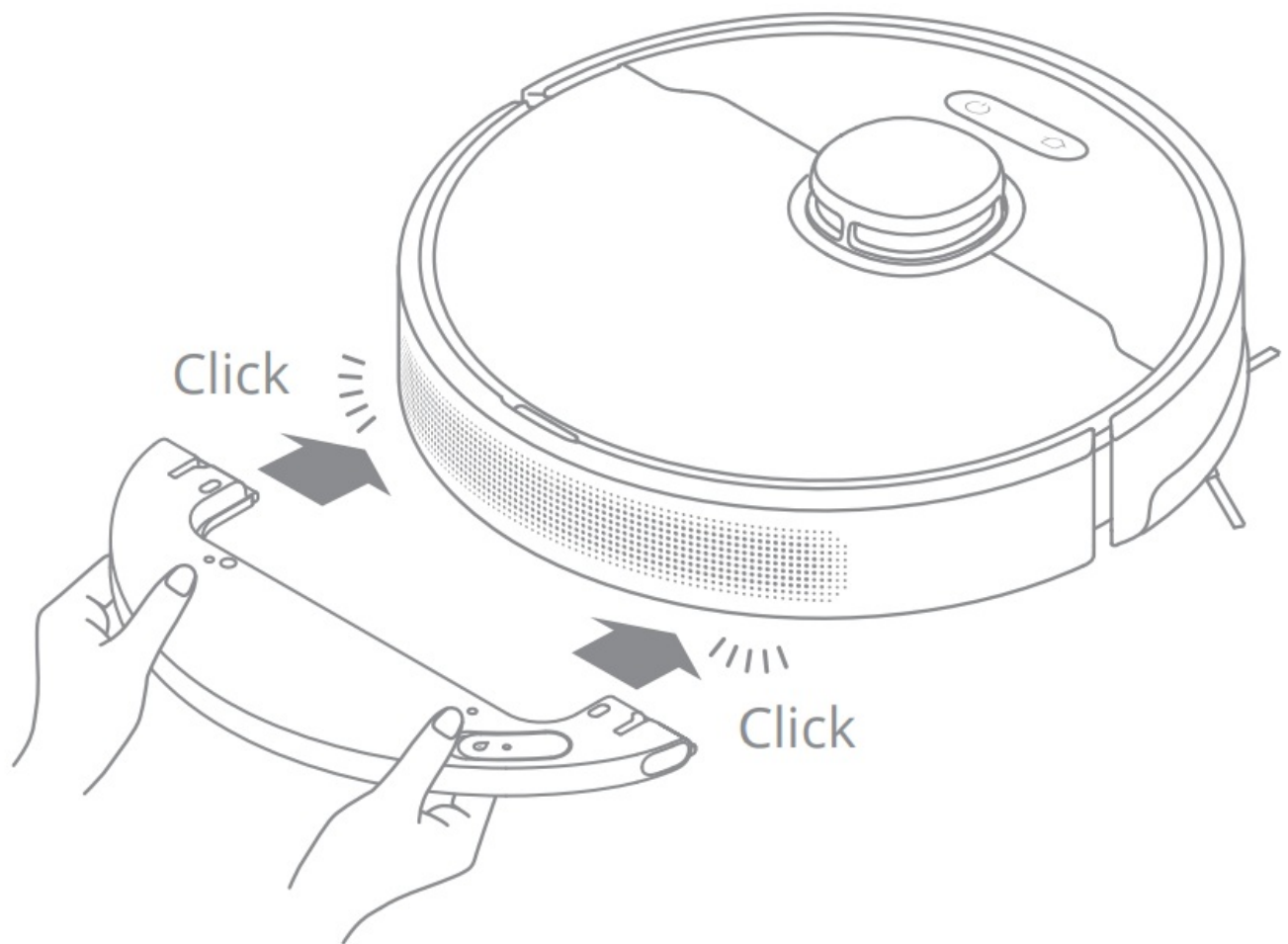
2) Open the water tank lid, fill the tank with water, then securely close the lid.
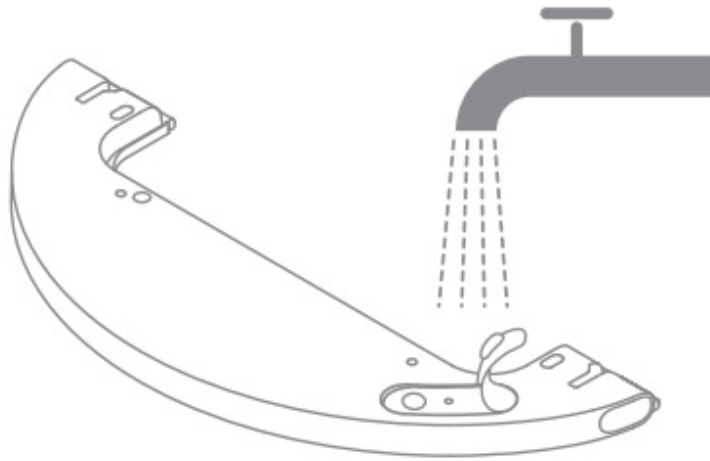
Note: Do not use detergent or

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.

4) Press the two side clips inwards and slide the water tank backwards to separate it from the robot.
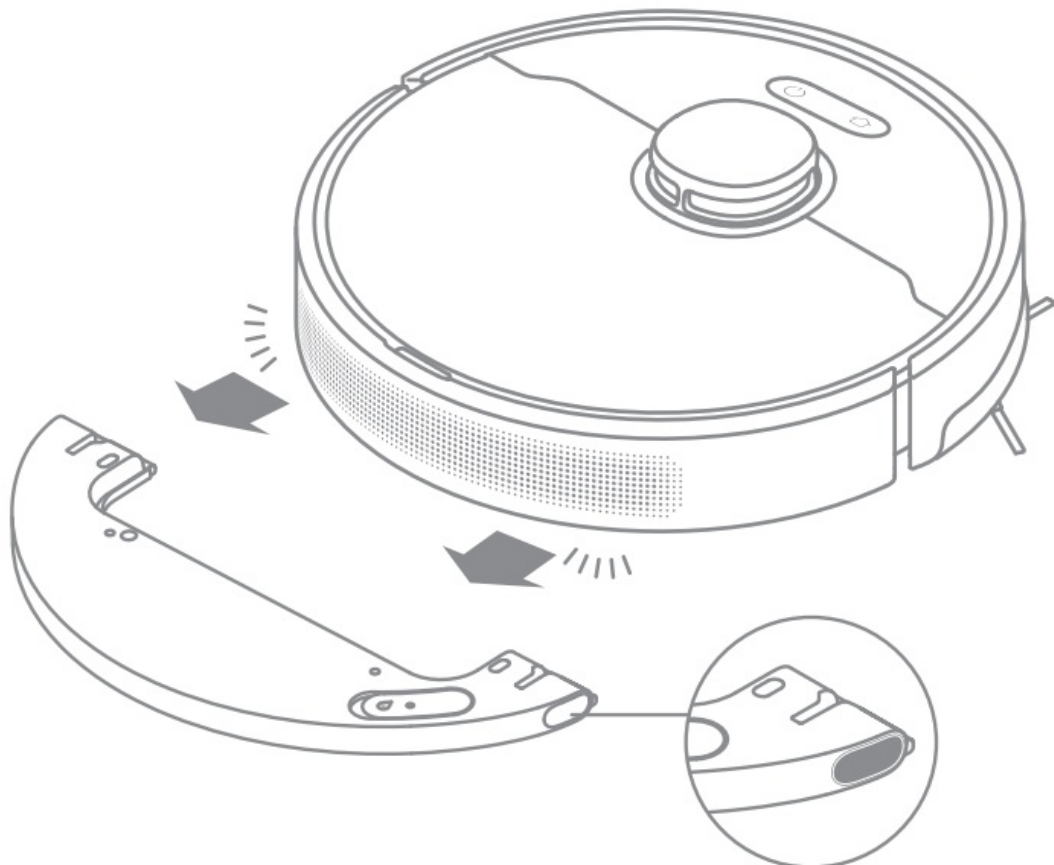
Note: When the robot is charging or not in use, remove the mopping module, pour out all the remaining water in the tank, and clean the mop pad to prevent mildew or odors.
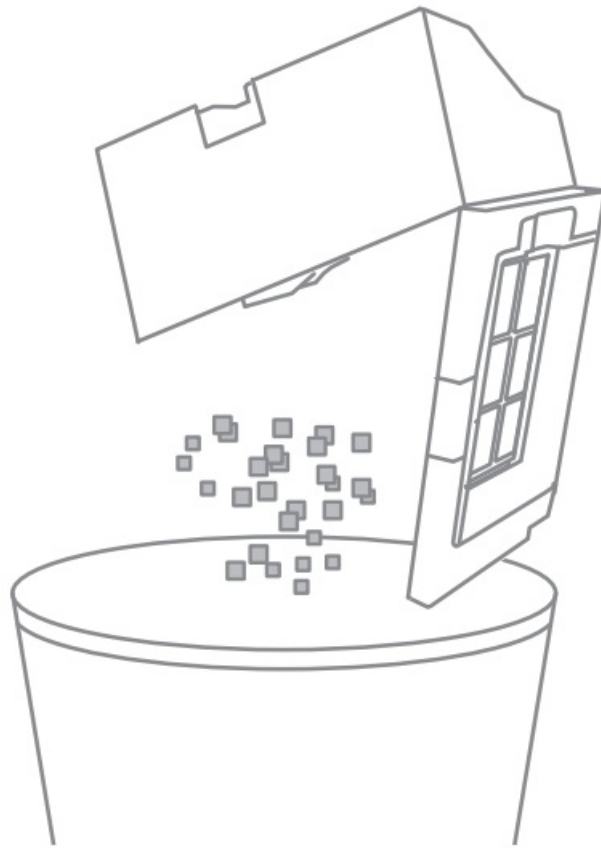
Routine Maintenance

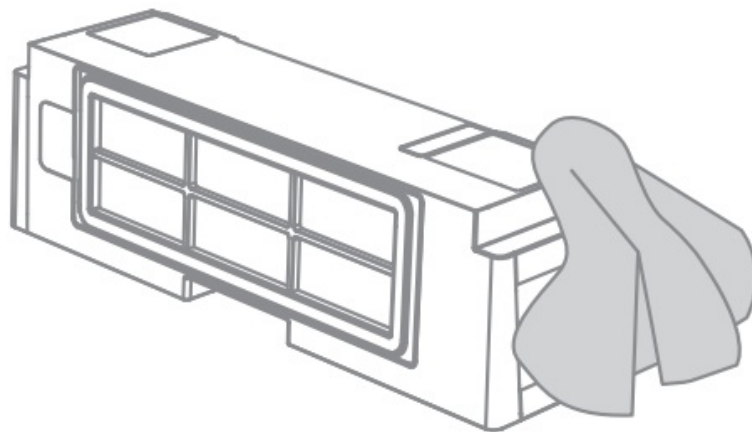Clean the Dust Bin * Clean after each use

1. Open the robot cover, then press the dust bin clip to remove the dust bin.
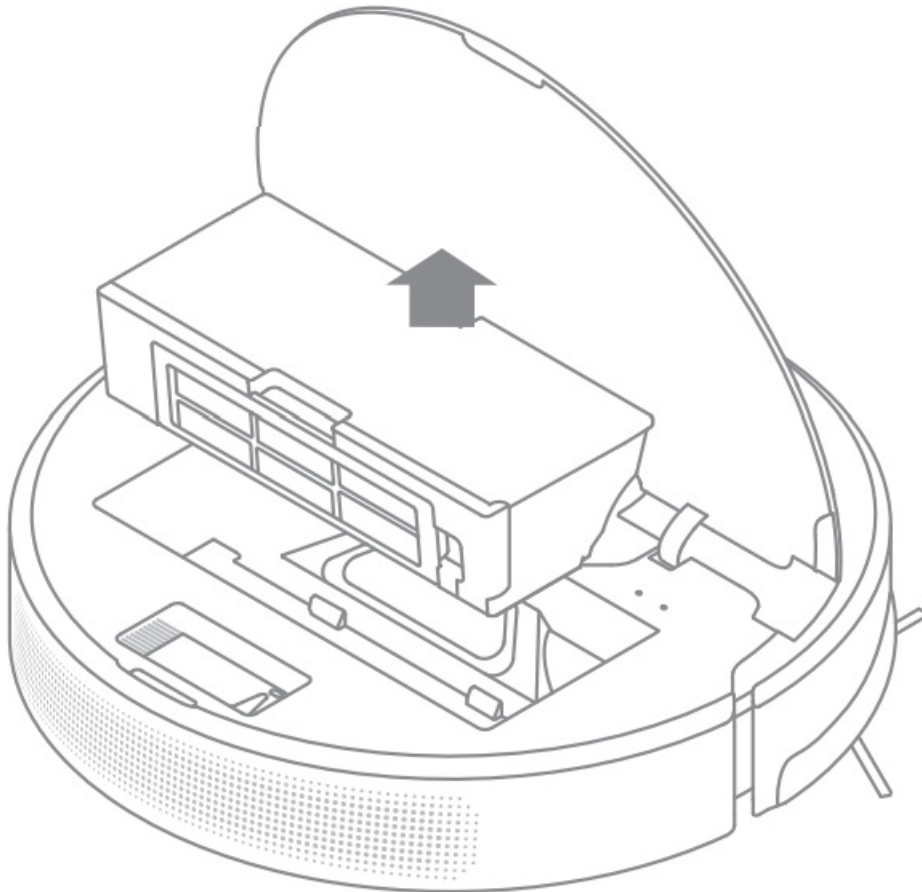
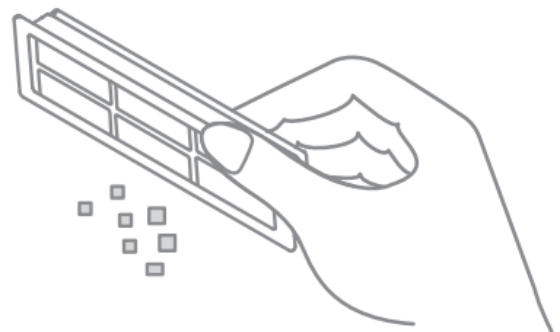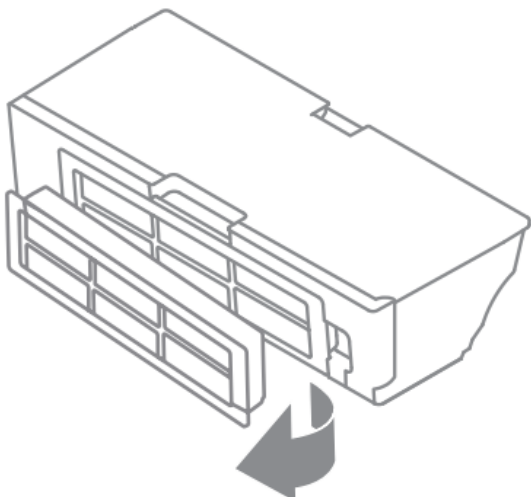2. Open the bin cover and empty the bin as shown in the diagram.
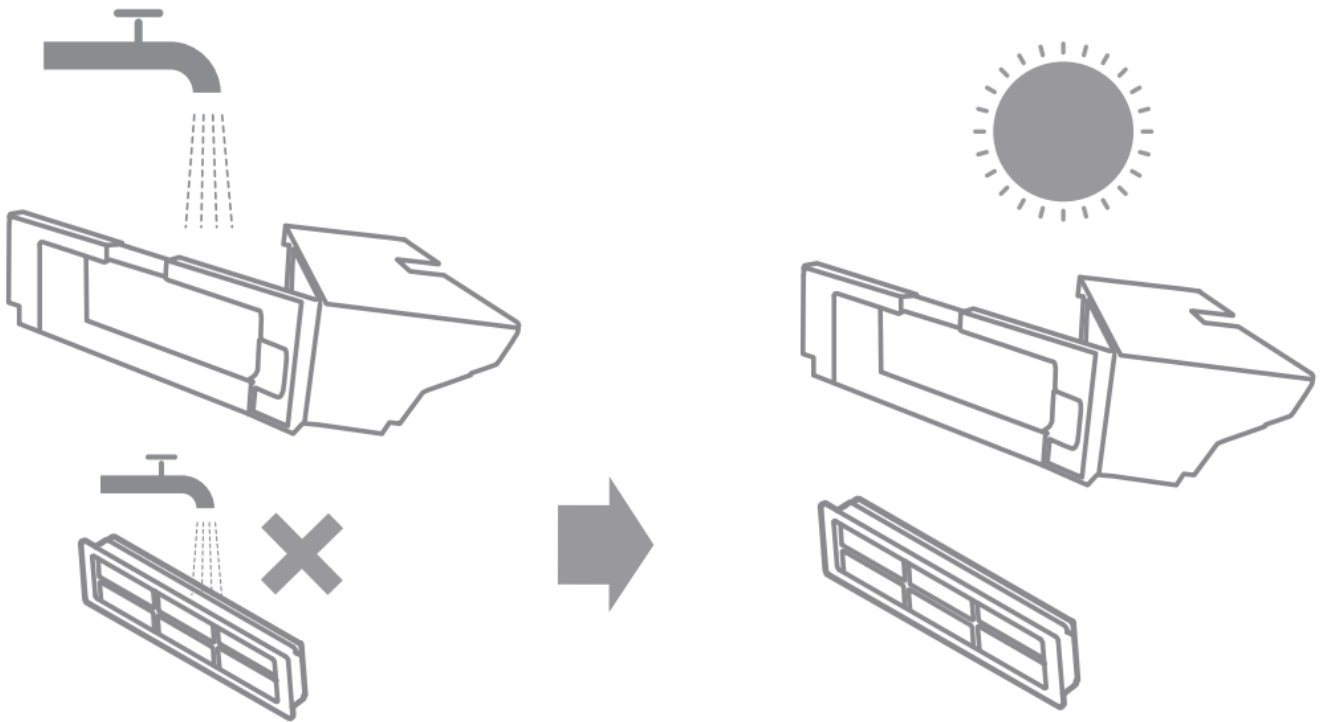
3. Clean the dust intake.

Clean the Filter

1. Remove the filter and tap its basket **gently.**

Note:

· Do not attempt to clean the filter with brushes or fingers.

· Rinse the dust bin with clean water only. Do not use any detergent.

· Use the dust bin and filter when they are completely dry.

2. Do not wash the filter. Only the dust bin is washable. Thoroughly dry it before re-installing.

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.
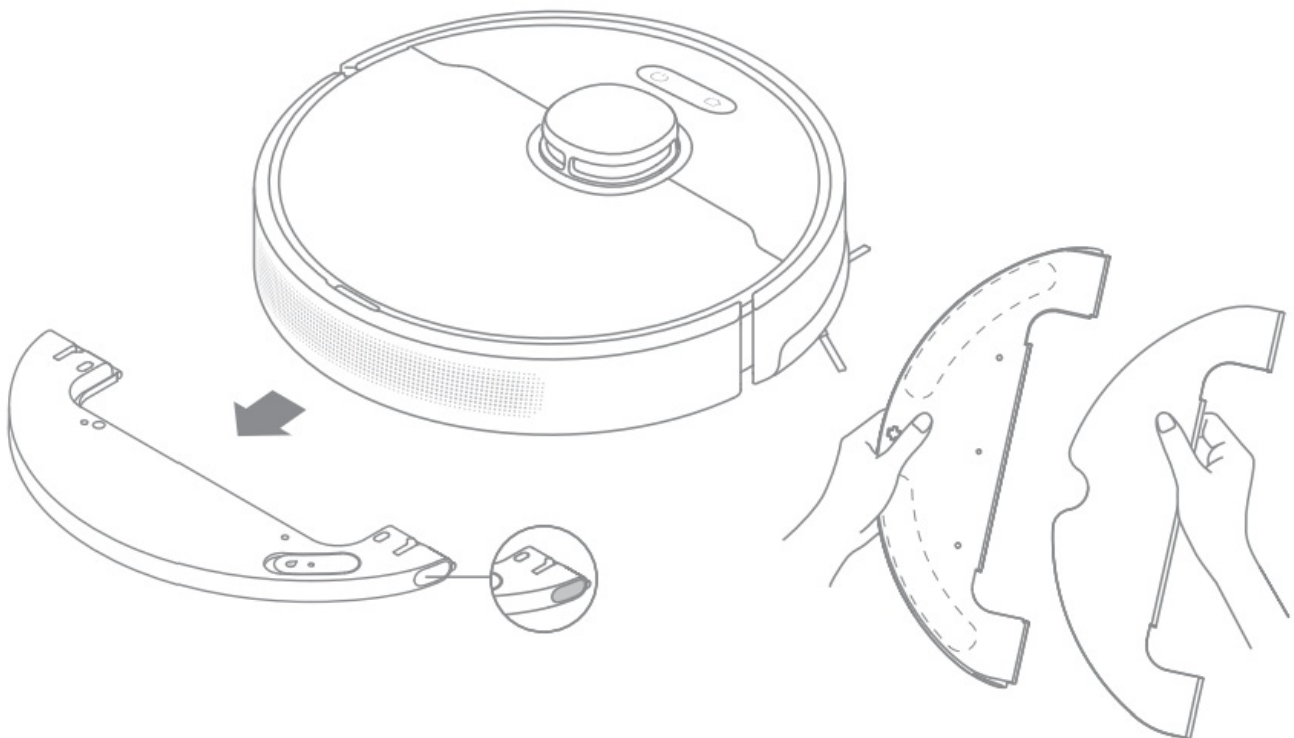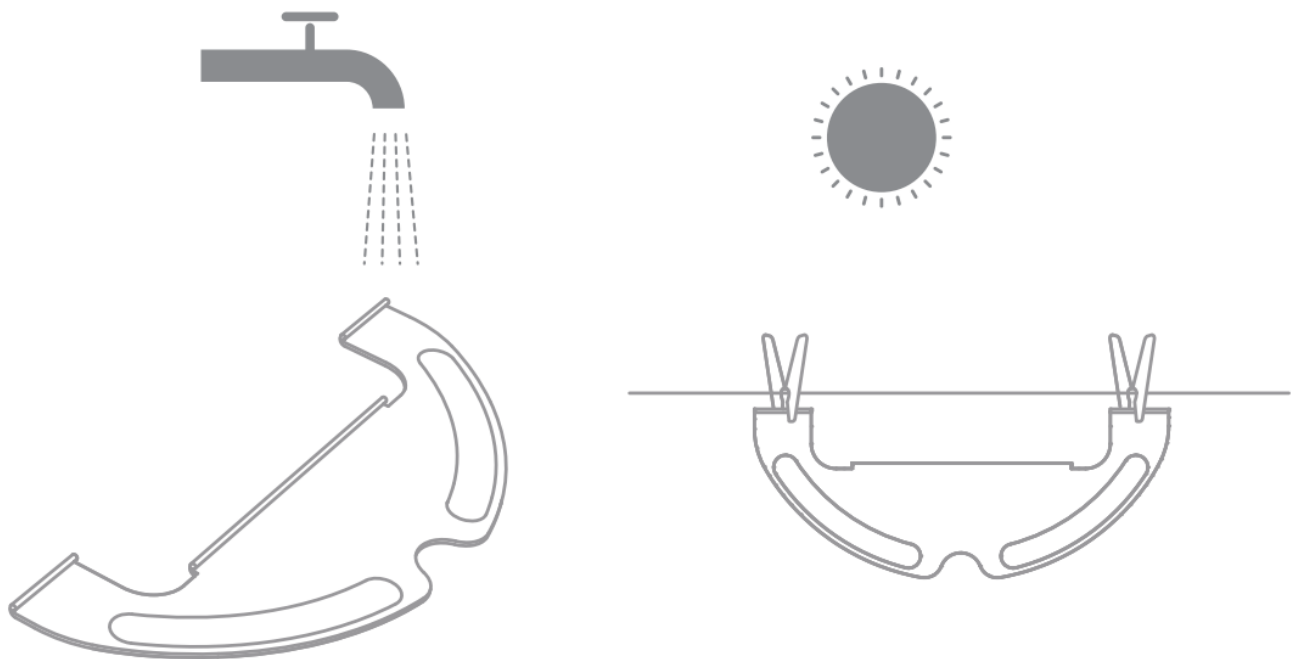

2. Pour out the water in the tank. Clean with only water and leave out to air dry before re-installing.
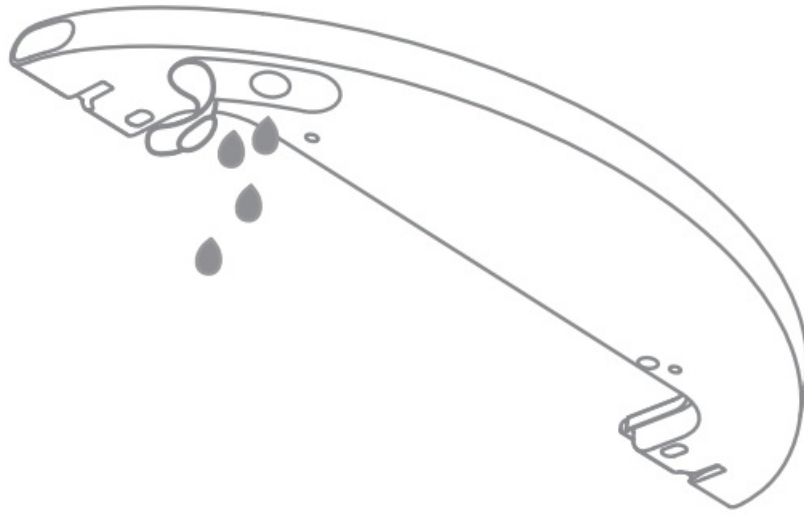
Note: Do not expose the tank to the sun

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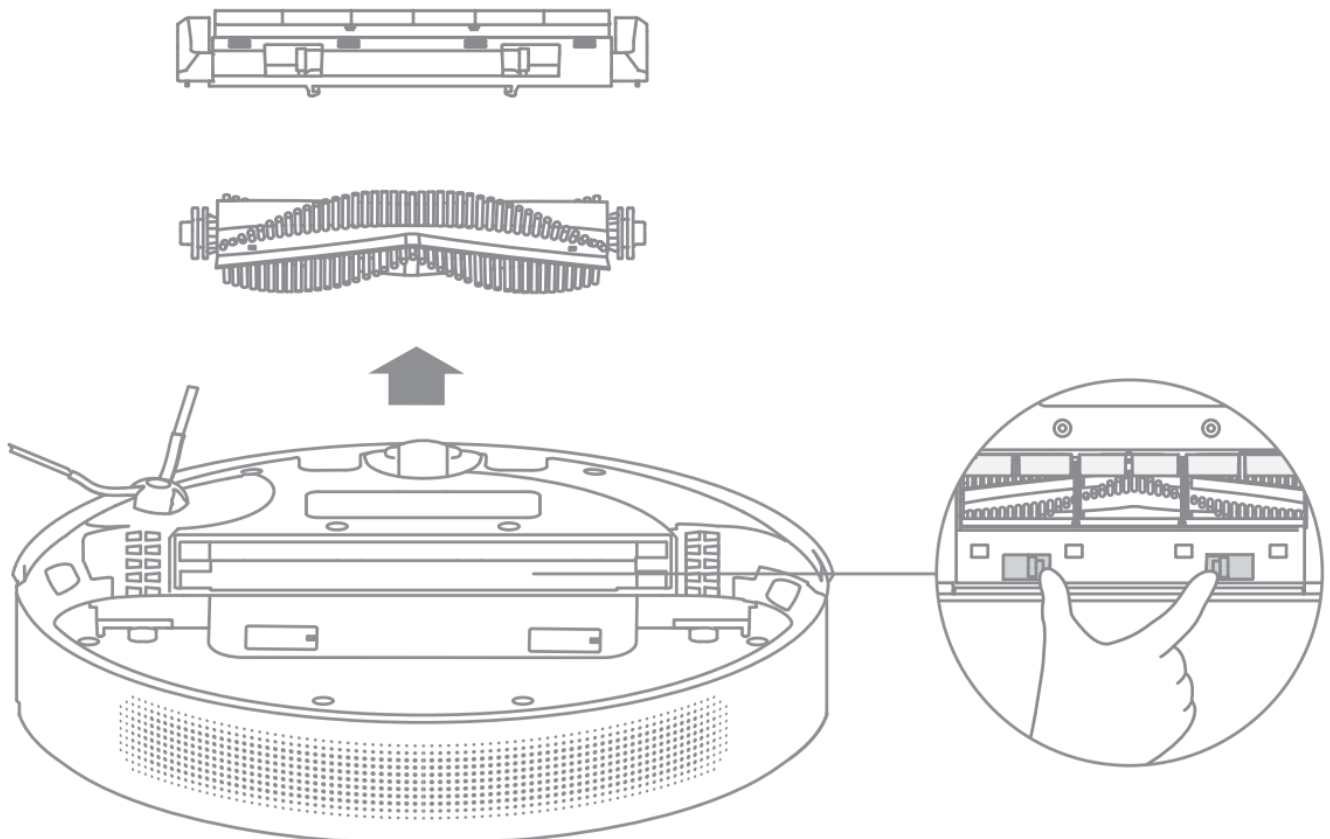

Note:

• Remove the pad from the mopping module before cleaning it, and make sure dirty water does not flow back into the water outlet to avoid clogging.

• For optimal performance, it is recommended to replace the mop pad every 3-6

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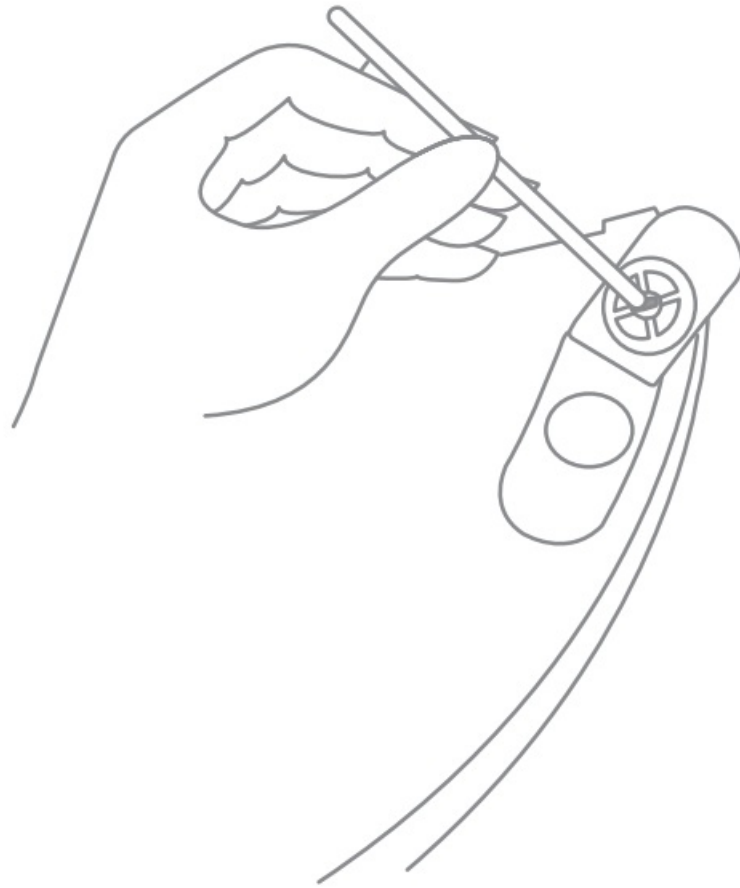
Routine Maintenance

Clean the Main Brush
Press the brush guard clips inwards to remove the brush guard and lift the brush out of the robot.

Pull out the brush covers as shown in the diagram. Use the included cleaning tool to remove any hairs tangled in the brush.
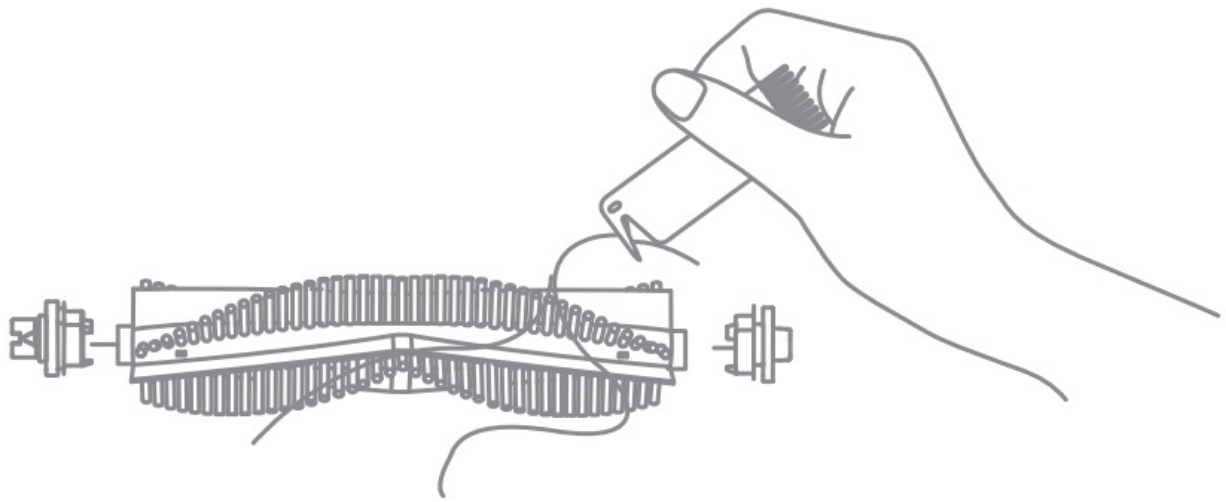
Note: Do not pull out the hair tangled in the main brush excessively.
Otherwise, the brush may be damaged.
Clean the Side Brush
Pull out the side brushes and use the cleaning tool to remove any hair tangled on the brush.

Clean the Main Wheel/Universal Wheel

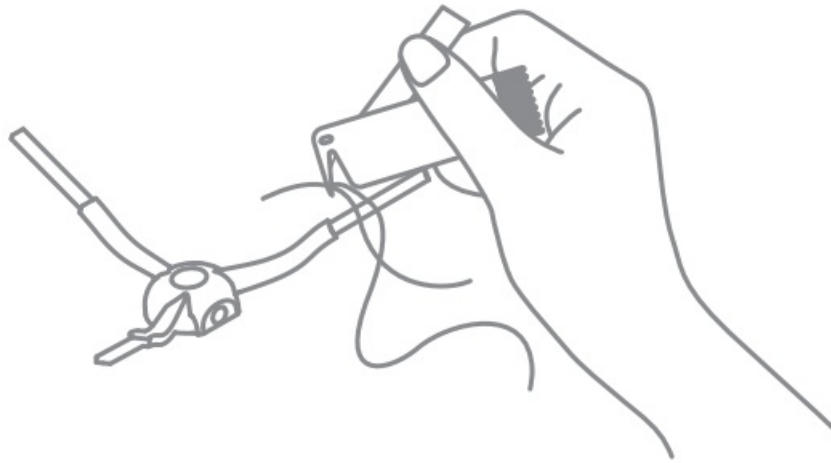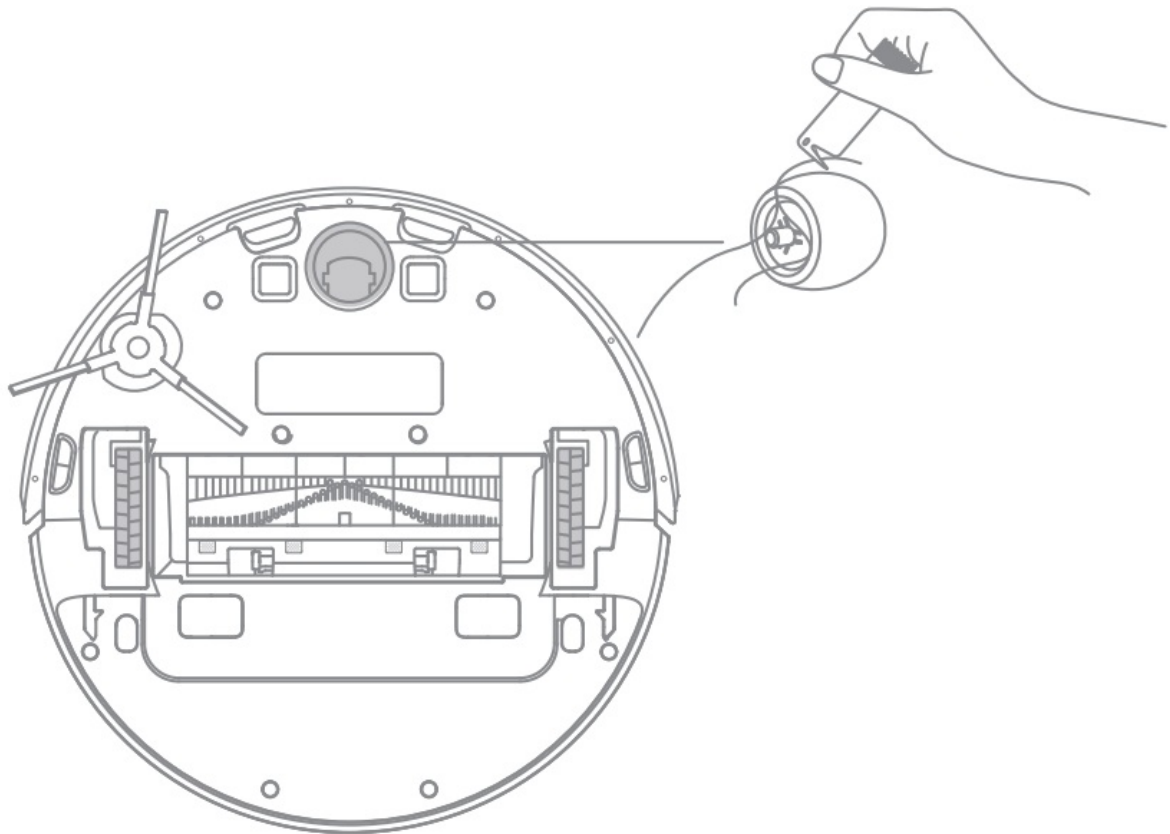**Note:** Use a tool such as a small screwdriver to separate the axle and tire of the universal wheel.

Routine Maintenance

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

Clean the Laser Distance Sensor
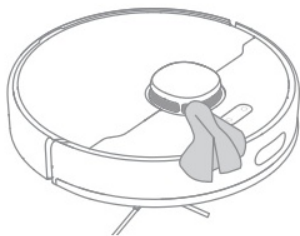
Clean the Return-to-Base Sensor
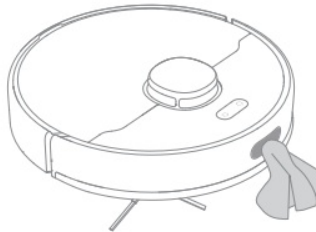
Clean the Charging Contact and Dust Intake
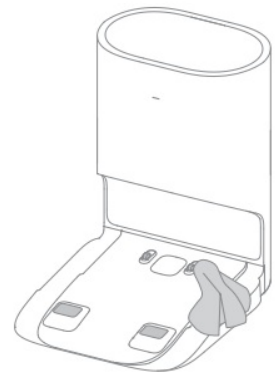
Clean the Cliff Sensor
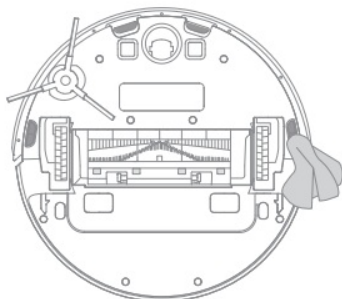
Clean the Charging Contact
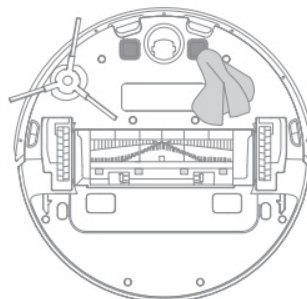
Replace the Dust Collection Bag

According to the status indicator (blinking orange) and app prompts, replace it with a new one when the dust collection bag is full. It is recommended to replace the bag every 4-6 weeks.

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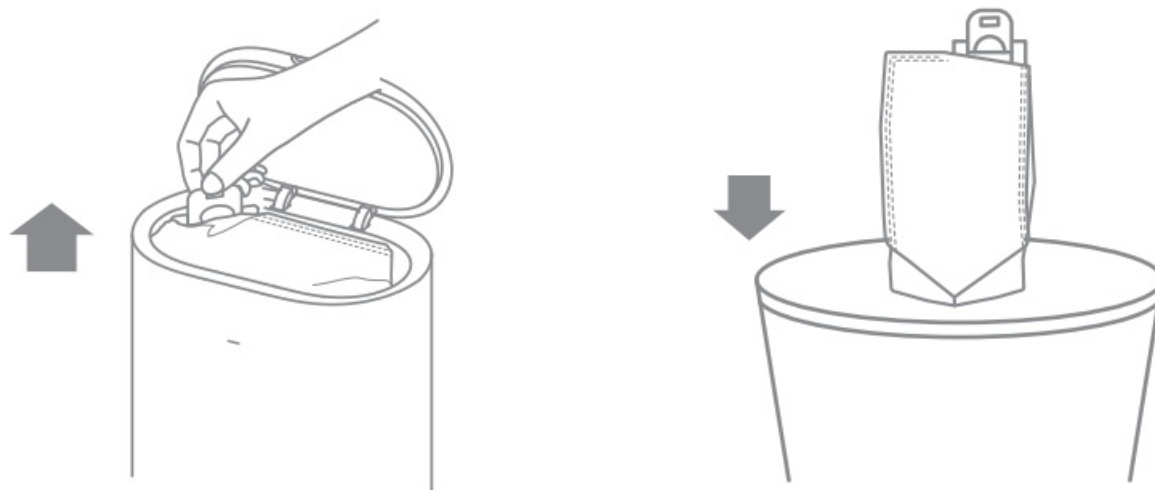
Note: When taking out the dust collection bag, close the dust bag handle to avoid dust leaking out.

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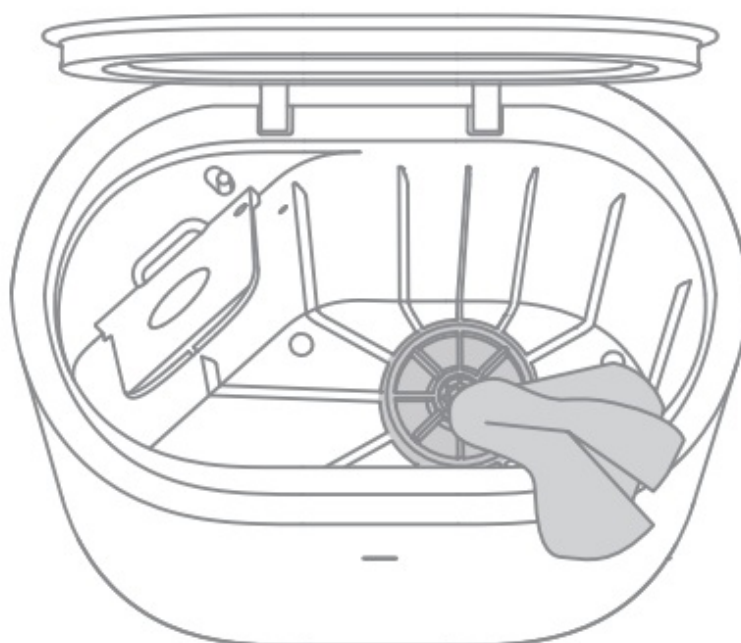
3. Install a new dust collection bag
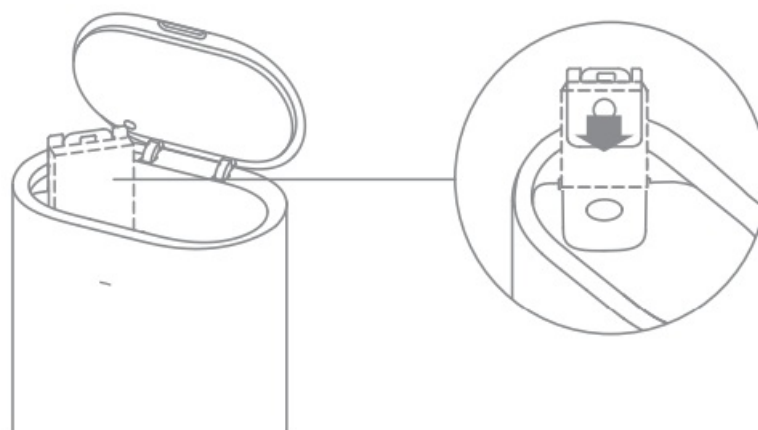
4. Close the upper cover of auto-empty base
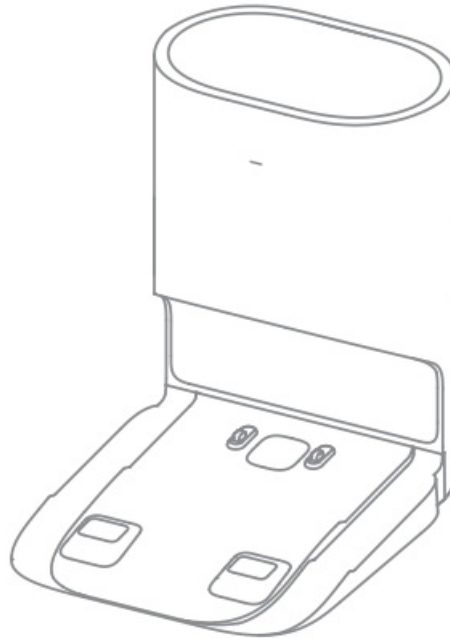
Note: Do not close the base forcelly, if the upper cover of base cannot be closed and the dust collection bag is not installed.

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.
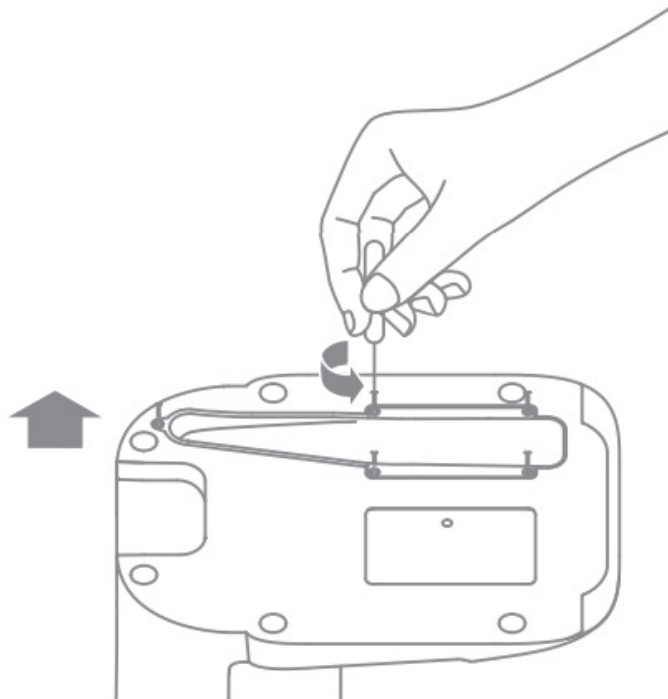
2. Check whether the air duct is blocked by foreign objects. If any, clean them.
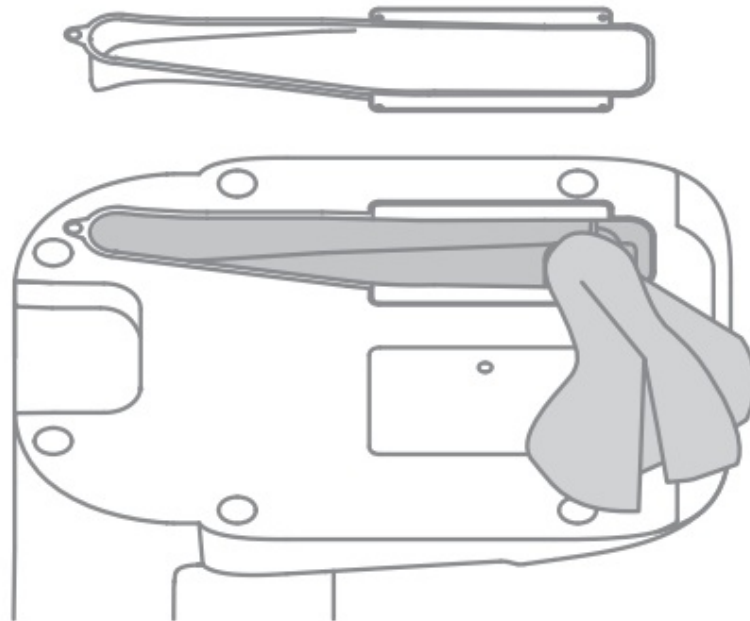
3. Reinstall the air duct cover as shown in the diagram.
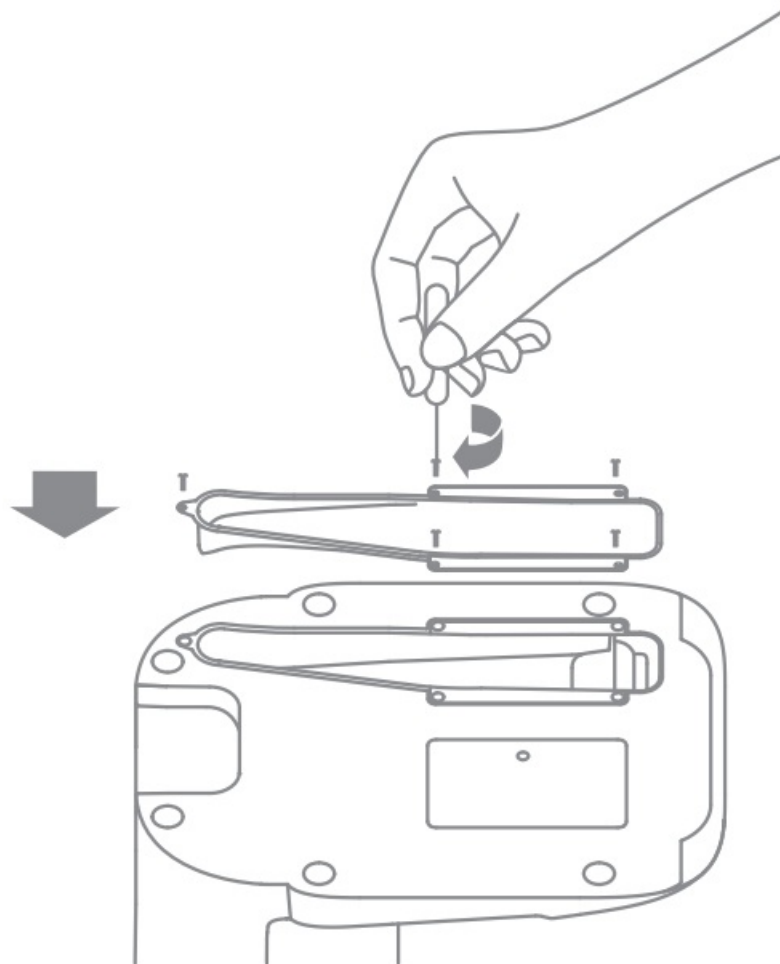
Robot Restarting
If the robot stops responding or cannot be turned off, press and hold down the button for 10 seconds to forcefully turn it off. Then press and hold the button for 3 seconds to turn the robot on.

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.

Status Indicator
The following table lists possible causes and solutions in terms of different light status. For more support, please

refer to the section "FAQ" in this manual.

Light Status	Possible Cause	Solution
Off	No power supply	Check and ensure that the power supply for the base is normal.
	The robot in the DND period The robot with full charge in sleep mode	/
White	The robot not on the base	/
Breathing White	The robot is charging	/
Blinking Orange	Error	Check whether a dust collection bag is installed. If not. install one. Check whether the dust collection bag is installed in place.
		Check whether the upper cover is closed. If not close the upper cover tightly.
		Check whether the bag is full. If so. replace it. Remove debris around the dust intake of the robot and base.
		Unplug the power cord of base. and check whether there are any foreign objects that block the air duct cover. If any, clean them.
		Check whether the dust bin of robot is installed. For other errors. contact qualified technicians or after-sales service.

FAQ

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 410°C). The operating temperature of the robot is 0°C to dot.
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 reposition itself or re-map its surroundings. If the robot is too far from the base. it might not be able to automatKaly 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 debns.

Robot no longer cleans efficientty 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 INI.F1 connection. Reset the Wi.Fi and download the latest version of the Dreamehome or MI HomeAiaomi Home. then try reconnecting. Location permission is not open. Please ensure the location permission on the Dreamehome or MI HomeRiaomi Home is enabled. Wi-Fi signal is weak. Make sure the robot is in an area with good Wi-Fi coverage 5GHZ VVI-Fi is not supported. Please ensure your robot connects to 2.46Hz 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 its fully charged consumes very little electncity 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 (DNO). which will prevent it from resuming cleaning. The robot does not resume cleaning when it is manually recharged or placed onto the base.
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.

Specifications

Robot

Model	RLS3D
Battery	5200 mAh (Nominal Capacity)
Charging Time	Approx. 6 hours
Wireless Connectivity	Wi-Fi IEEE 802.11b/g/n 2.4 GHz
OS Compatibility	Android 4.4 & iOS 10.0 or above
Rated Voltage	14.4 V
Rated Power	46 W
Operation Frequency	2400-2483.5 MHz
Maximum Output Power	20 dBm

Auto-Empty Base

Model	RCS7
Rated Input	220-240 V ~ 50-60 Hz
Rated Output	19.8 V 1 A
Rated Power	600 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.

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.

DreameBot D10 Plus

Documents / Resources

	DreameBot D10 Plus Auto Empty Robot Vacuum and Mop [pdf] User Manual D10 Plus Auto Empty Robot Vacuum and Mop, D10 Plus, Auto Empty Robot Vacuum and Mop, Empty Robot Vacuum and Mop, Robot Vacuum and Mop, Vacuum and Mop

References

- ᗡ **Smart Robot Vacuum Cleaners | Dreame Official Site**
- ᗡ **User Manuals and FAQs | Dreame Official Site**