

For further information, please go to [www.mi.com](http://www.mi.com)  
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# Mi Robot Vacuum-Mop 2 Ultra User Manual



## Safety Information

**Read this manual carefully before use, and retain it for future reference.**

**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.**

### Usage Restrictions

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

The appliance is only to be used with the power supply unit provided with the appliance.

This appliance contains batteries that are only replaceable by skilled persons.

Children shall not play with this product. Ensure children and pets are kept at a safe distance from the vacuum-mop while it is operating.

If the power cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.

Do not use the vacuum-mop in an area suspended above ground level without a protective barrier.

Do not place the vacuum-mop upside down. Do not move the vacuum-mop by using its LDS laser sensor cover, top cover, or bumper as a handle.

Do not use the vacuum-mop at an ambient temperature above 40°C or below 0°C or on a floor with liquids or sticky substances.

Do not install, charge, or use this vacuum-mop outdoors, in bathrooms, or near a pool.

Pick up any cables from the floor before using the vacuum-mop to prevent it from dragging them while cleaning.

Remove fragile or small items from the floor to prevent the vacuum-mop from bumping into and damaging them.

Keep the cleaning tool out of reach of children.

Do not place children, pets, or any item on top of the vacuum-mop regardless of whether it is stationary or moving.

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

Do not use the vacuum-mop to clean any burning substances.

Do not vacuum up hard or sharp objects.

Make sure the vacuum-mop is turned off and the charging dock is unplugged before cleaning or performing maintenance.

Do not wipe the vacuum-mop or charging dock with a wet cloth or rinse them with any liquid. After cleaning washable parts, fully dry the parts before reinstalling and using them.

Make sure the vacuum-mop 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 arising from improper use of this product.

#### Batteries and Charging

##### WARNING:

Do not use any third-party battery or charging dock. The vacuum-mop can only be used with the CDZ2103 charging dock or the STYTJ05ZHMHWJC auto-empty station.

Do not attempt to disassemble, repair, or modify the battery or charging dock on your own.

Do not place the charging dock near a heat source.

Do not use a wet cloth or wet hands to wipe or clean the dock's charging contacts.

Do not improperly dispose of old batteries. Unneeded batteries should be discarded at an appropriate recycling facility.

If the vacuum-mop won't be used for an extended period, fully charge it, then turn it off and store in a cool, dry place. Recharge the vacuum-mop at least once every 3 months to avoid over-discharging the battery.

#### Laser Safety Information

This product's laser radar meets the IEC 60825-1:2014 Standard for Class 1 laser product safety and does not produce laser radiation hazardous to the human body.

The lithium-ion battery pack contains substances that are hazardous to the environment. Before disposing of the vacuum-mop, please first remove the battery pack, then discard, or recycle it in accordance with local laws and regulations of the country or region it is used in.

When removing the batteries from the product, it is better to use up the batteries and make sure your product is disconnected from power. Uninstall the screw on the bottom, then remove the cover.

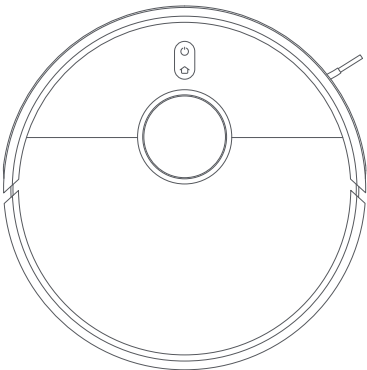
Unplug the battery connector, then remove the batteries. Do not damage the battery case to avoid any risk of injuries.

Return the batteries to a professional recycling organization.

#### EU Declaration of Conformity

**C E** Hereby, Dreame (Tianjin) Information Technology Co., Ltd. declares that the radio equipment type STYTJ05ZHMHW is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:  
<http://www.mi.com/global/service/support/declaration.html>  
For detailed e-manual, please go to [www.mi.com/global/service/userguide](http://www.mi.com/global/service/userguide)

# Product Overview

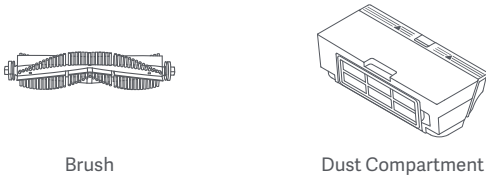


Vacuum-Mop

**Note:** Illustrations of product, accessories, and user interface in the user manual are for reference purposes only. Actual product and functions may vary due to product enhancements.

## Accessories

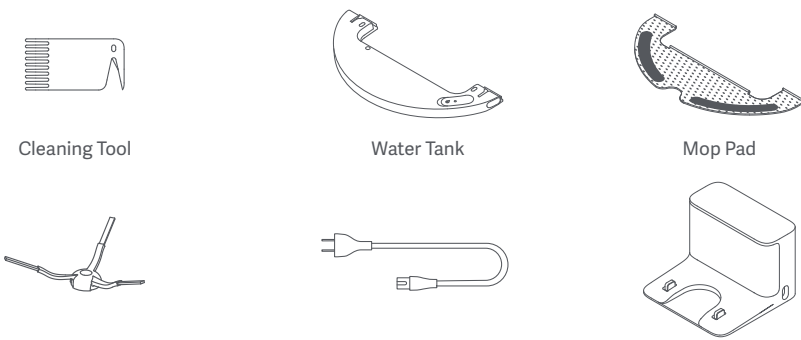
### Pre-installed Accessories



Brush

Dust Compartment

### Other Accessories



Cleaning Tool

Water Tank

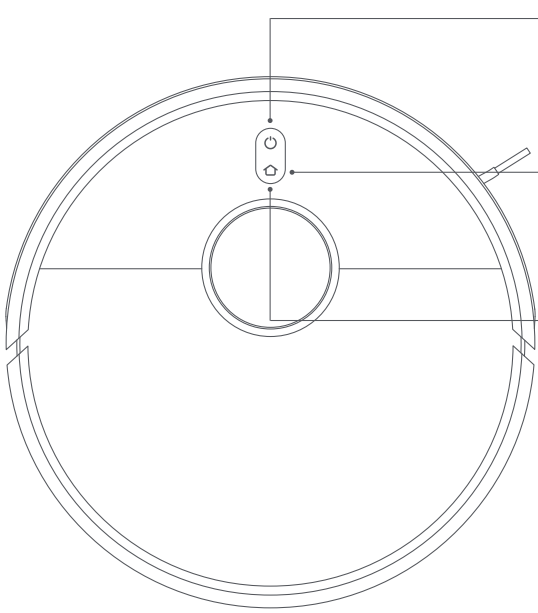
Mop Pad

Side Brush

Power Cord

Charging Dock

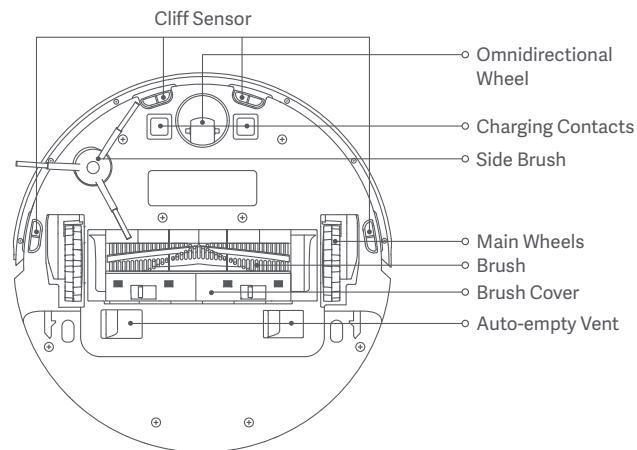
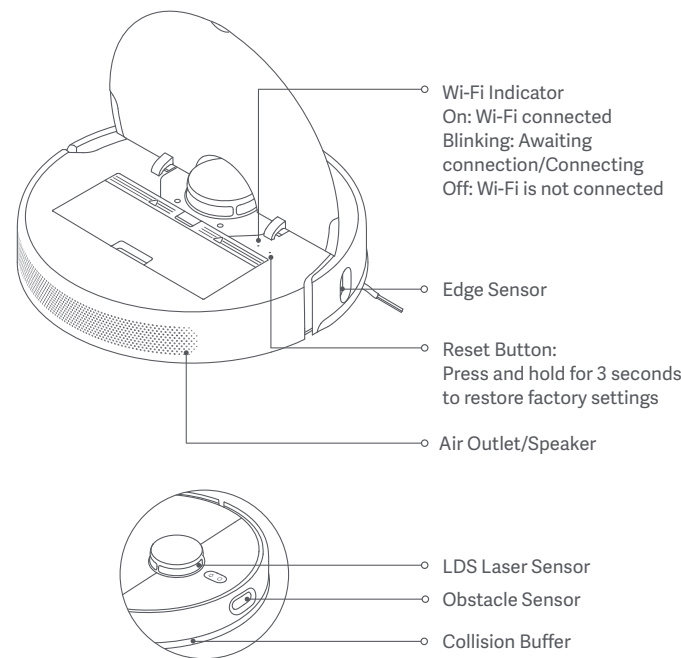
## Vacuum-Mop



- Power/Clean Button**  
Power on/off: Press and hold for 3 seconds  
Clean: Press to start cleaning after the vacuum-mop is powered on
- Spot/Dock Button**  
Press to send vacuum-mop back to charging dock  
Press and hold for 3 seconds to start Spot Clean mode
- Indicator**  
White: Cleaning/Cleanup completed/Fully charged  
Blinking white: Returning to dock to charge/Repositioning/Updating firmware  
Breathing white: Charging  
Blinking orange: Low battery/Error/Wi-Fi is disconnected when the vacuum-mop is fully charged  
Orange: Wi-Fi is not connected

**Note:** Press any button to pause while the vacuum-mop is cleaning, returning to dock, or in Spot Clean mode.

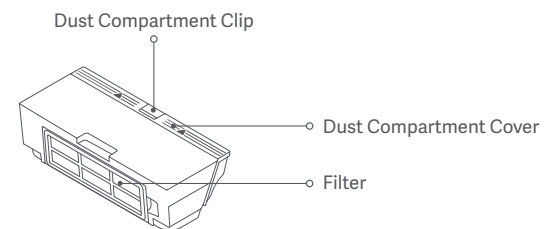
## Vacuum-mop and Sensors



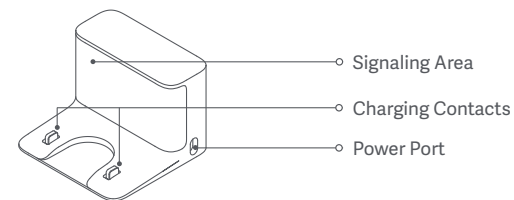
### Notes:

- By connecting the auto-empty vents to the compatible auto-empty station, the contents in the dust compartment can be automatically sucked out into the disposable bag in the auto-empty station.
- The auto-empty station and the disposable bag are sold separately.

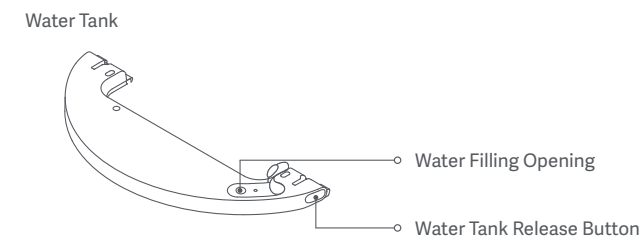
## Dust Compartment



## Charging Dock



## Mopping Assembly



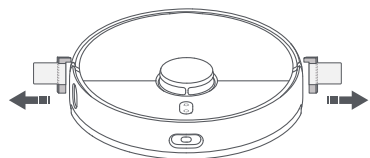
### Mop Pad



# Installation

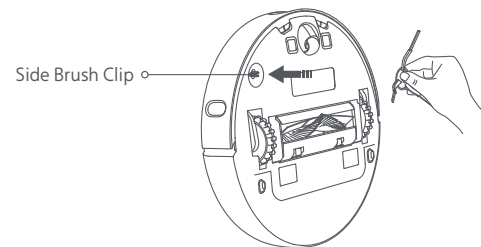
## Remove Protective Coverings

Before using the vacuum-mop, remove the protective strips from both sides.



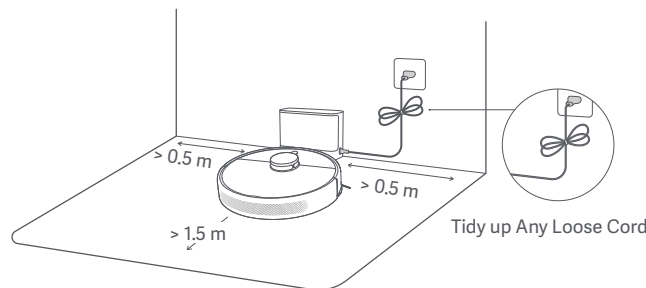
## Install the Side Brush

Insert the side brush into the attachment slot on the bottom of the vacuum-mop.



## Place Charging Dock Against Wall and Charge

- Place the charging dock near an electrical outlet in an area with a good Wi-Fi signal.
- Tidy up loose cord as shown in the figure to prevent the vacuum-mop from getting tangled, which could accidentally move or unplug the charging dock.
- Place the vacuum-mop onto the charging dock. The vacuum-mop will automatically turn on and begin charging.
- After 10 minutes of the full charge of the battery, the indicator goes off.



### Notes:

- Fully charge the vacuum-mop before using it for the first time.
- The vacuum-mop will remain on while connected to the charging dock.
- When the vacuum-mop is left at the dock, it will consume a small amount of electricity to allow the battery to maintain optimal performance in sleep mode.

# How to Use

## Connect with Mi Home/Xiaomi Home App

This product works with the Mi Home/Xiaomi Home app\*. Use the Mi Home/Xiaomi Home app to control your device, and to interact with other smart home devices.

Scan the QR code to download and install the app. You will be directed to the connection setup page if the app is installed already. Or search "Mi Home/Xiaomi Home" in the app store to download and install it.



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Open Mi Home/Xiaomi Home app, tap "+" on the upper right, and then follow prompts to add your device.

\* The app is referred to as Xiaomi Home app in Europe (except for Russia). The name of the app displayed on your device should be taken as the default.

### Notes:

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

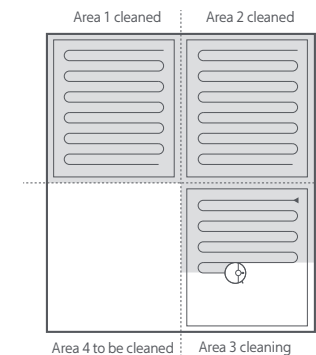
## Reset Wi-Fi

When there is a connection loss between your phone and the vacuum-mop due to the router reconfiguration, wrong password or so:

1. Please open the cover of the vacuum-mop so that you can see the Wi-Fi indicator.
2. Simultaneously press and hold the buttons and until you hear a voice saying "Waiting for the network configuration".
3. When the Wi-Fi indicator blinks, the Wi-Fi connection has been reset successfully.

## Start Cleaning

Press the button , and the vacuum-mop will clean all areas by first cleaning along edges and walls and then in an S-shape pattern. Once the cleaning is complete, the vacuum-mop will automatically return to the charging dock to charge.





### Notes:

- Before a cleaning task, make sure the vacuum-mop is fully charged and starts from the charging dock. Do not move the charging dock while the vacuum-mop is cleaning.
- This cleaning diagram is for illustrative purposes only. Results may vary depending on the actual conditions.

## Resume Cleanup

If the vacuum-mop starts running low on battery during a cleaning task, it will automatically return to the charging dock to recharge, then resume cleanup where it left off after being charged sufficiently.

## Pausing

While the vacuum-mop is running, press any button on the vacuum-mop to pause it, and then press the button  to resume the cleaning. Pressing the button  will end the current cleaning task and send the vacuum-mop back to the charging dock.


**Note:** Do not pick up or move the vacuum-mop while it is paused, so as to avoid navigation errors that could prevent the vacuum-mop from returning to the charging dock or cause the loss of map.

## Sleep Mode

The vacuum-mop will automatically enter sleep mode after it is paused for 10 minutes, and its indicator will go off. To wake it up, press any button on the vacuum-mop.

**Note:** If the sleep time exceeds 12 hours, the vacuum-mop will be turned off automatically.

## Spot Clean Mode

When the vacuum-mop is in standby mode or paused, 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 vacuum-mop. When the spot cleaning is done, the vacuum-mop will automatically return to its original location and shut off.

## More App Features

More features are available in the Mi Home/Xiaomi Home app, including selecting areas to clean, zoned cleanup, the clean there function, and setting up restricted areas/virtual walls.



### Notes:

- Before using these features, the vacuum-mop must complete the first cleaning to create a map.
- The version of the app might have been updated, please follow the instructions based on the current app version.

## Updating the Firmware

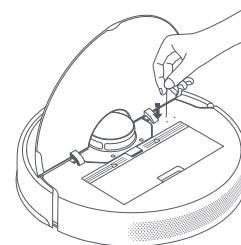
You can update the firmware via the app. Before updating, make sure the vacuum-mop is on the charging dock and has at least 15% battery left.

## Restarting the Vacuum-mop

If the vacuum-mop stops responding or cannot be turned off, press and hold down the button  for 15 seconds to forcefully turn it off. Then press and hold the button  for 3 seconds to turn the vacuum-mop on.

## Restoring Factory Settings

If the vacuum-mop does not function properly after being restarted, use a pin to press the reset button until you hear a voice saying "Restoring factory settings". This will reset the vacuum-mop to its original factory settings.

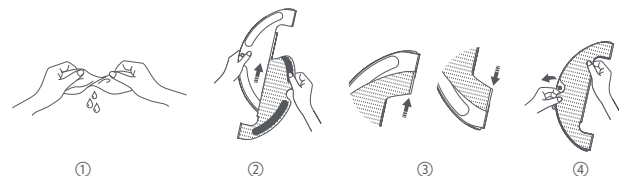


## Resetting Consumables

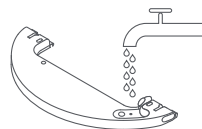
Open Mi Home/Xiaomi Home app, select Mi Robot Vacuum-Mop 2 Ultra and then tap ":" to open the setting in the top right corner. Select Consumables and choose the accessory you want to reset, then follow the instructions in the app to complete the resetting.

## Using the Mopping Function

1. First dampen the mop pad and wring out excess water. Next, slide the edge of the middle part of the mop pad into the middle slot of the water tank, and then slide the edges on both ends of the mop pad into the slots on both sides of the water tank. Lastly, press the pad firmly onto the velcro to attach it to the water tank.




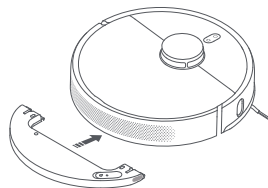
2. Open the water tank lid, fill the tank with water, then securely close the lid.



### CAUTION:

- Do not add hot water to the water tank, as this may cause the tank to become deformed.
- To avoid clogging, do not add any cleaning agents or disinfectants to the water tank.

3. To install the mopping assembly, slide it into the back of the vacuum-mop until it clicks into place. Press the button  or use the Mi Home/Xiaomi Home app to start the cleanup. The vacuum-mop will automatically recognize the mopping assembly and begin mopping and dispensing water as needed.

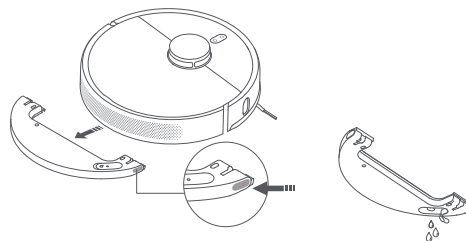


### CAUTION:

- To prevent the vacuum-mop from entering a carpeted area, use physical barriers or set up virtual walls or restricted areas in the app before mopping.
- The mop pad should be cleaned after every 30 minutes of use to ensure adequate water flow and cleaning effectiveness.

4. Remove the mopping assembly

After the vacuum-mop finishes cleaning and returns to the charging dock, press the side clips of the mopping assembly inward and pull to remove the assembly.



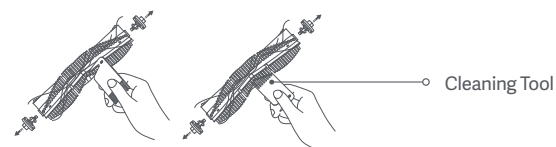
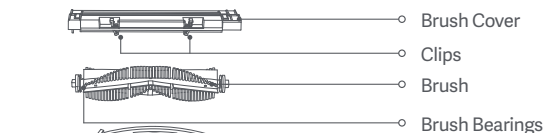
**Note:** When the vacuum-mop is charging or not in use, remove the mopping assembly. Pour out all remaining water in the tank, and clean the mop pad to prevent mildew or lingering odors.

## Care & Maintenance

**Brush\*** Weekly cleaning is recommended.

1. Flip the vacuum-mop over and pinch the clips to remove the brush cover.
2. Lift the brush out of the vacuum-mop, then clean the brush bearings.
3. Use the included cleaning tool to cut any tangled hairs on the brush, and remove the hairs and other debris from the brush.
4. Reinstall the brush and the brush cover, and ensure they are securely in place.

**Note:** It is recommended to clean the brush weekly and replaced every 6 to 12 months.



**CAUTION:** If too much hair is tangled in the brush, or if the hair is tightly tangled, do not forcibly pull on it, as this could damage the brush.

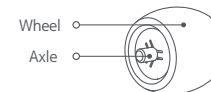
**Side Brush\*** Monthly cleaning is recommended.

1. Flip the vacuum-mop over and remove the side brush upwards to clean it.
2. Reinstall the side brush to the vacuum-mop.

**Note:** It is recommended to clean the side brush monthly and replace every 3 to 6 months.

**Omnidirectional Wheel\*** Clean it as needed.

1. Flip the vacuum-mop over and pull out the omnidirectional wheel.
2. Remove hair, dirt, and other debris from the wheel and axle.
3. Reinsert the wheel and press it firmly back into place.



### Notes:

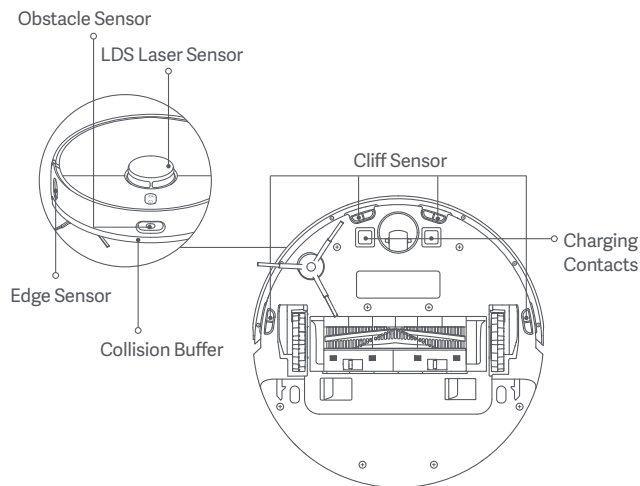
- A small screwdriver or other pry tool can be used to gently pop out and remove the wheel.
- The wheel can be cleaned with water and reinstalled after drying.



## Sensors and Charging Contacts

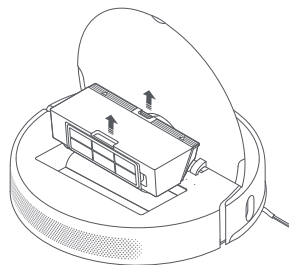
Use a soft cloth to clean all sensors and charging contacts in the vacuum-mop:

- The four cliff sensors on the bottom.
- The charging contacts on the bottom.
- The edge sensor on the side of the vacuum-mop.
- The bumper and the obstacle sensor on the front of the vacuum-mop.
- The LDS laser sensor on the top of the vacuum-mop.



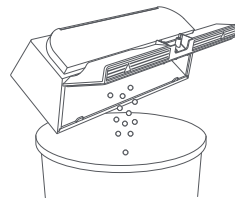
## Dust Compartment \* Weekly cleaning is recommended.

1. Open the vacuum-mop cover, then pinch the dust compartment clip to remove the dust compartment.



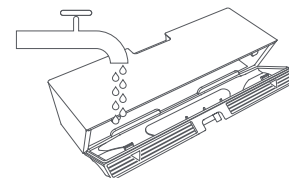
2. Open the dust compartment cover as indicated by the diagram.

**Note:** To prevent the filter from becoming clogged, lightly tap the dust compartment when emptying its contents.

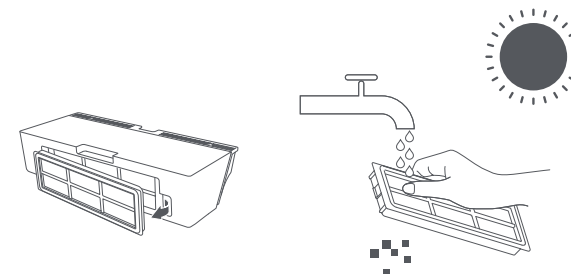


3. Add clean water to the dust compartment, and close the dust compartment cover, then shake the compartment back and forth, finally pour out the water.

**CAUTION:** Only clean water should be used to clean the filter. Do not use detergent.



4. Remove the filter, as illustrated, then rinse it out and lightly tap on the edge of the filter to remove dust and debris.

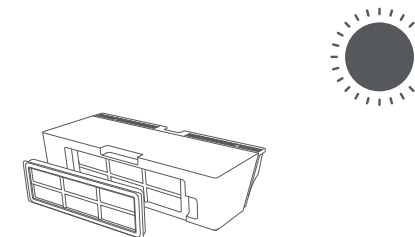


### Notes:

- Do not attempt to clean the filter with a brush or finger.
- Biweekly cleaning is recommended.

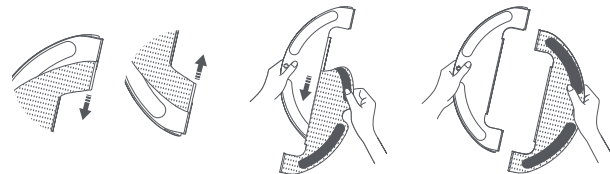
5. Place the dust compartment and filter aside to dry before reinstallation.

**Note:** Filter must be fully dry before use.



**Mop Pad\*** After-each-use cleaning is recommended.

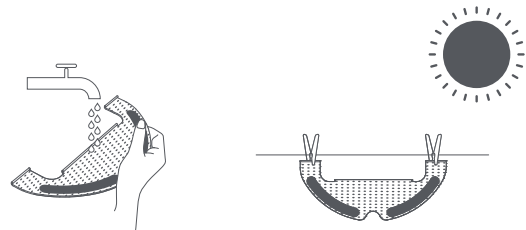
1. Pull the mop pad off the water tank to remove it.



2. Clean and dry the mop pad.

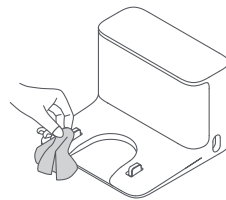
**CAUTION:**

- Remove the pad from the water tank before cleaning it, and make sure dirty water does not flow back into the water outlet to avoid clogging.
- Do not press too hard on the mop pad, as this can hinder its performance. Pad should be cleaned before each use.
- It is recommended to change the mop pad every 3 to 6 months.



**Charging Dock\*** Clean it as needed.

Clean the contacts of the charging dock with a soft cloth.



## Battery

The vacuum-mop contains a high-performance lithium-ion battery pack. Please ensure that it remains well-charged during daily use to maintain optimal battery performance.

**Note:** If the vacuum-mop is not used for an extended period, turn it off and put it away. To prevent damage from over-discharging, the vacuum-mop should be recharged at least once every three months.

## Troubleshooting

Issue	Possible Cause and Solution
What should I do when the vacuum-mop does not turn on?	The vacuum-mop's battery may be low when the ambient temperature is below 0°C or above 40°C, please only use the vacuum-mop in environments with a temperature in the range of 0–40°C. Please charge it before use.
What should I do when the vacuum-mop does not charge?	Check whether the power cord is properly plugged into both the charging dock and the power outlet, and make sure the charging contacts are clean. If not, please wipe the charging contacts on both the dock and the vacuum-mop clean with a dry cloth.
Why doesn't the vacuum-mop return to the dock to charge?	Check whether there are too many obstacles around the charging dock, place the dock in a location without any obstacles around it. Make sure there are no obstacles within 0.5 meters on both sides, nor within 1.5 meters in front of the charging dock. Please clean the dock's signaling area.
What should I do when the vacuum-mop does not work as expected?	Turn off the vacuum mop, and turn it on again.
Why does the vacuum-mop make a strange noise?	A foreign object might be caught in the brush, side brush, or one of the main wheels. Stop the vacuum-mop and remove any debris.
Why doesn't the vacuum-mop clean as efficiently as before, or leave dust behind?	Please check whether the dust compartment is full, if so, empty it. Furthermore, please check the filter and clean it if necessary, and also check whether there is anything wrapped around any of the brushes.
What should I do when the vacuum-mop cannot connect to Wi-Fi?	Something is wrong with the Wi-Fi connection. Reset the Wi-Fi, then try reconnecting. Location permissions are not enabled. Please ensure your device has location permissions enabled for the Mi Home/Xiaomi Home app. The Wi-Fi signal is weak. Make sure the vacuum-mop is in an area with good Wi-Fi coverage. The vacuum-mop does not support a 5 GHz Wi-Fi connection. Make sure the vacuum-mop is connected to a 2.4 GHz Wi-Fi connection. The Wi-Fi network user name or password is incorrect. Make sure the user name and password used to connect to your Wi-Fi network are correct.

Issue	Possible Cause and Solution
Why doesn't the vacuum-mop carry out the scheduled cleanup?	Check whether the battery level is sufficient. The vacuum-mop needs to have a battery level of 15% or more to start a scheduled cleanup.
What should I do when no water or very little water comes out when mopping the floor?	Please check whether the water compartment is filled and the mop is properly installed. Please clean the mop on a regular basis.
What should I do when too much water comes out of the mopping assembly?	Make sure the water tank lid is securely closed.
Why doesn't the vacuum-mop resume cleaning after charging?	The vacuum-mop does not resume cleaning in do not disturb (DND) mode, or after manually being returned to the dock to charge.
Why doesn't the vacuum-mop return to the charging dock after being moved?	Moving the vacuum-mop may cause it to re-position itself or re-map its surroundings. If the vacuum-mop is too far from the charging dock, it might not be able to automatically return on its own, in which case you need to manually place the vacuum-mop onto the charging dock.

# Specifications

## Vacuum-Mop

Name	Robotic Vacuum Cleaner
Model	STYTJ05ZHMHW
Dimensions	353 × 350 × 98.8 mm
Battery	14.4 V --- /4800mAh (Rated Capacity)
Charging Time	Approx. 6.5 hours
Net Weight	4.08 kg
Wireless Connectivity	Wi-Fi IEEE 802.11b/g/n 2.4 GHz
Compatible with	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

## WEEE Disposal and Recycling 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 an conditions of such collection points.

## Charging Dock

Model	CDZ2103
Dimensions	130 × 126 × 93 mm
Rated Input	100–240 V ~ 50/60 Hz 0.5 A
Rated Output	19.8 V --- 1 A

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