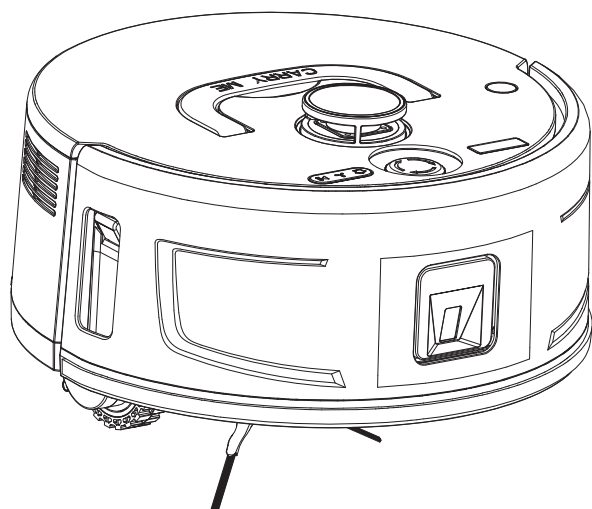


co-botic 1900

Robotic Vacuum Cleaner

Instruction Manual



Dear User

Thank you sincerely for choosing the Cobotic 1900 Robotic Vacuum Cleaner! We hope you enjoy using it.

Please read this manual carefully before using this product to ensure correct operation and extend its service life.



App Connection and Binding:

Scan the QR code to download the App, then follow the App instructions to complete the connection and binding process.

Safety Instructions

About Safety

Caution

1. 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.
2. Potential problems encountered during cleaning should be addressed promptly. Clear power cords and small objects from the floor to prevent obstruction during cleaning. Fold carpet fringes under the carpet, and ensure hanging curtains, tablecloths, etc., do not touch the ground.
3. If there are suspended areas such as stairs, first test if the product can detect the edge of the suspended area without falling. Protective barriers should be set up at the edge of suspended areas to prevent the product from falling. Ensure these protective measures do not cause tripping or other personal injuries.
4. Please use the product according to the instructions in the manual. Only use accessories recommended or sold by the manufacturer.
5. Use only in indoor home environments. Do not use outdoors.
6. Only use the original rechargeable battery specifically provided by the manufacturer. Do not use non-rechargeable batteries. Refer to "Technical Parameters" for battery specification information.

About the Appliance

Danger

7. Do not rinse the product directly with water.
8. Do not wipe the product with a wet cloth.
9. Do not use the product on floors with standing water.
10. Do not use the product in environments with open flames or fragile items.
11. Do not use the product in extremely hot (above 40°C) or extremely cold (below -5°C) environments.
12. Do not allow hair, clothing, fingers, or any other body parts to come into contact with the product's openings or moving parts.
13. Do not use the product to pick up items that may clog it, such as pebbles, waste paper, etc.
14. Do not use the product to pick up flammable items such as gasoline, printer toner, or photocopier toner.
15. Do not use the product in cleaning areas with flammable materials.
16. Do not use the product to pick up any burning items such as cigarettes, matches, ashes, or other items that may cause fire.
17. Do not place items on the roller brush. Clean dust, lint, hair, etc., from the roller brush to ensure smooth rotation.

Safety Instructions

18. Ensure the dustbin and filters are properly installed before using the product.
19. Batteries are to be inserted with the correct polarity.
20. Do not use the product in a room where an infant is sleeping.
21. Stop using the product immediately if it malfunctions due to drops, damage, or water ingress. For safety, only the manufacturer or authorized service providers should perform repairs.
22. If the product will not be used for a long period, remove the battery and store it separately.
23. Frequency band: Wi-Fi 2412-2472 MHz, LORA 868MHz.
24. Maximum RF power transmission: Wi-Fi<20dBm (EIRP), LORA<22dBm(EIRP).
25. This product features a rechargeable battery with a capacity of 8.7Ah.

About Maintenance

Caution

26. Turn off the product's power switch before cleaning and maintenance.

About Disposal

Caution

27. Before disposing of the product, turn off the power switch and remove the battery.
28. Before disposing of the product, the battery must be removed and disposed of according to local laws and regulations.
29. Do not incinerate the product even if it is severely damaged, as the battery may explode.
30. Please use the product according to the instructions in the manual. The company is not responsible for any loss or injury caused by improper use.

CLASS 1 CONSUMER LASER PRODUCT

Laser model:STL-06P

Invisible laser radiation

Laser energy -- Exposure near aperture may cause burns

Wavelength: 905nm

Output power: 10mW

Frequency: 0.2ms

Pulse duration: 1ns

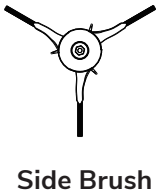
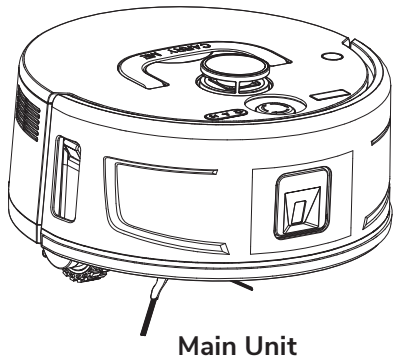
Laser of vacuum cleaner complies with the standard for Class laser products of EN 50689:2021 & EN 60825-1: 2014+A11:2021

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1. Product Introduction

1.1 Accessories List



Screwdriver Remote Control Brush/Cutter Tool

* Tip: Illustrations of the product, accessories, user interface, etc. in the manual are schematic diagrams for reference only. Due to product updates and upgrades, the actual product may differ slightly from the schematic diagrams. Please refer to the actual product.

1. Product Introduction

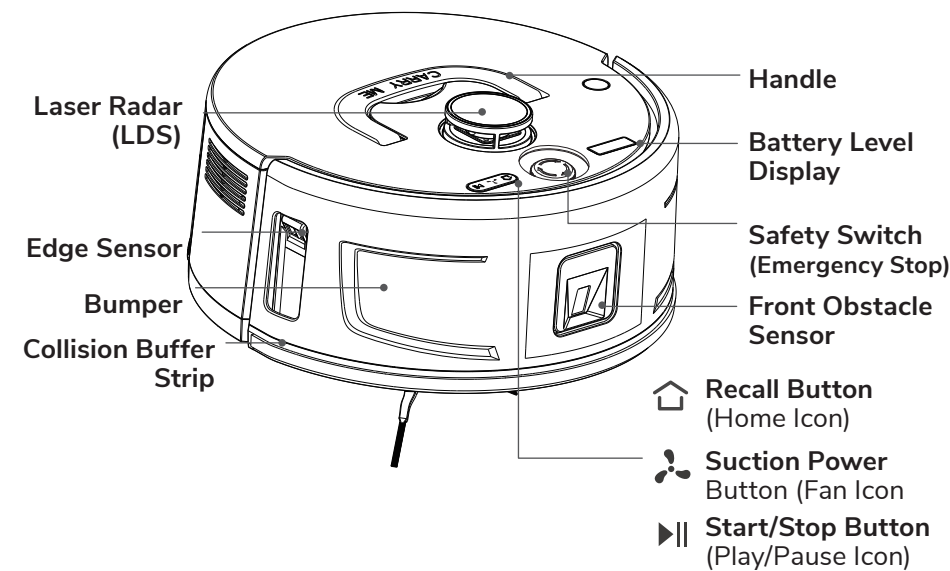
1.2 Basic Parameters

Item	Specification
Product Name	Robotic Vacuum Cleaner
Product Model	co-botic 1900
Product Dimensions	380 x 380 x 197 mm
Rated Power	250 W
Rated Voltage	28.8 V
Battery Capacity	8.7Ah
Working Time	180 min
Dustbin Capacity	2 L
Product Net Weight	7.3 Kg

* Due to continuous product improvement, the company reserves the right to make any technical or design changes to the product. The right of interpretation belongs to the company.

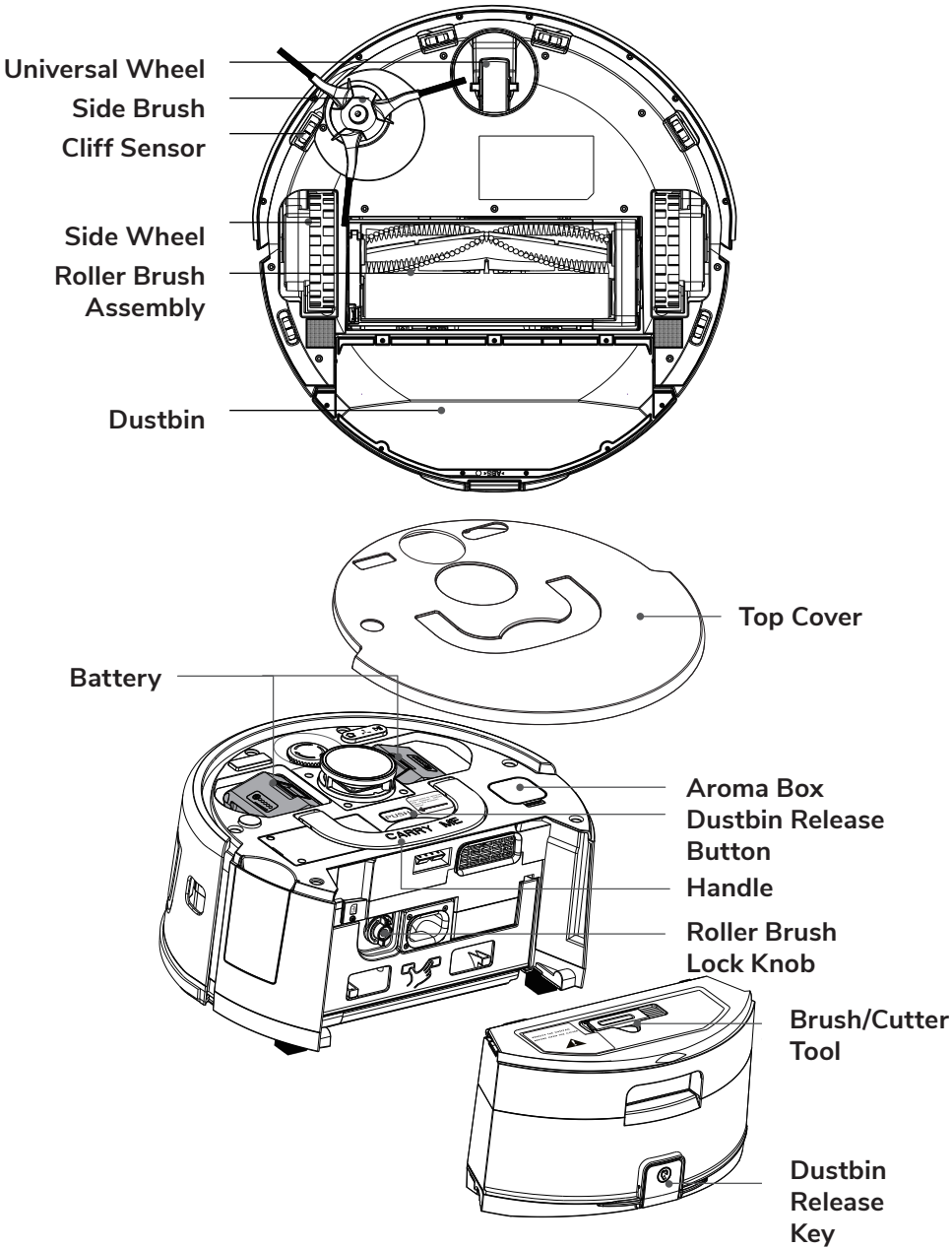
* Different models have no intrinsic differences, only slight variations in color or appearance.

1.2 Component Names



1. Product Introduction

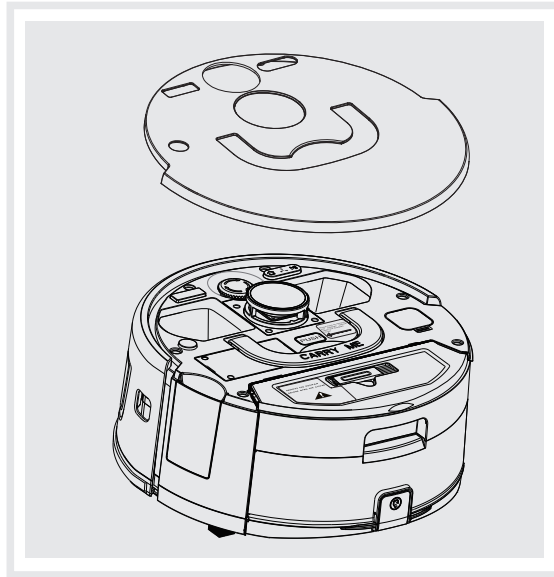
1.3 Component names



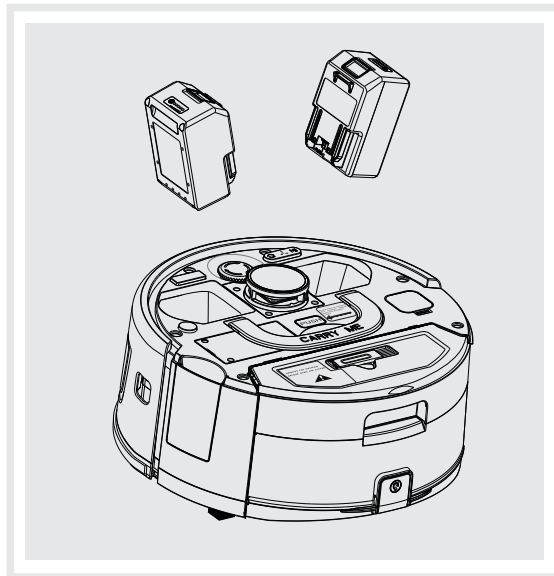
2. Product Usage

2.1 Battery Installation and Removal

1. Lift the top cover.



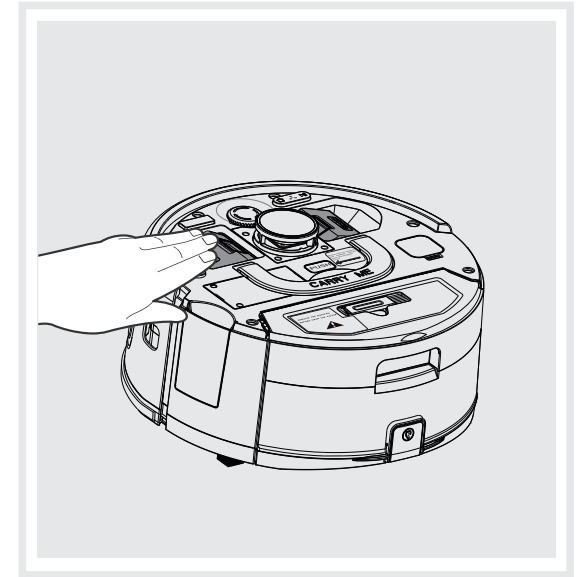
2. Insert the battery into the battery compartment according to the indicated direction.



2. Product Usage

2.1 Battery Installation and Removal

3. Press down firmly on the battery until you hear a “click” sound, indicating successful installation.



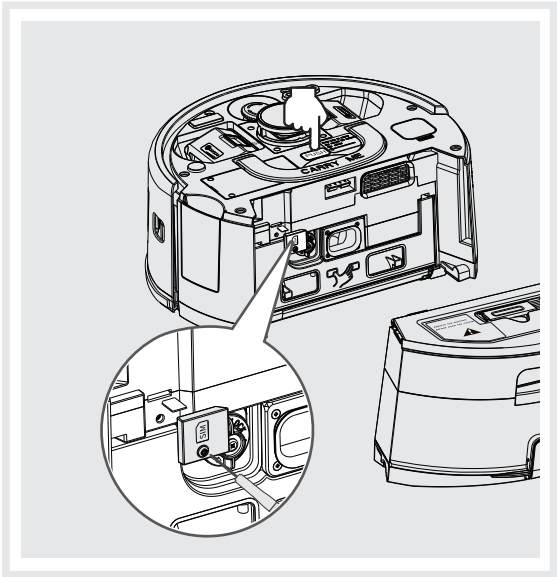
4. To remove the battery, press the battery release latch to unlock it, then lift it upwards.



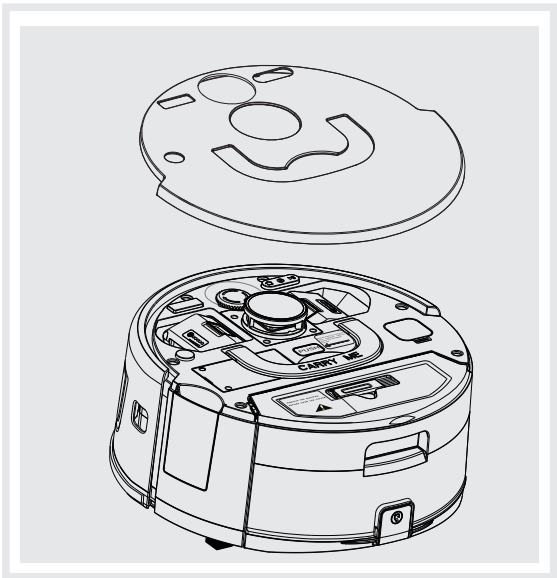
2. Product Usage

2.2 SIM Card Installation

1. Press the PUSH button to remove the dustbin. As shown in the right figure, use a screwdriver to unscrew the SIM card cover, insert your SIM card into the main unit, then reinstall the cover.



2. Snap the dustbin back into the main unit and close the top cover.



2. Product Usage

2.3 Main Unit Button Operation

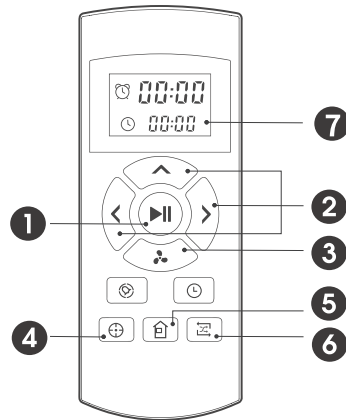
Button	Operation	Function	Display Screen
Start/Stop (Play/Pause Icon) ▶	Long Press (2s)	Power On	Displays current battery level
	Long Press (3s)	Power Off	Off
	Short Press	Start Cleaning / Pause Cleaning	Displays current battery level
Suction Power (Fan Icon) 	Short Press	Switch Suction Power	Displays current battery level
	Long Press (2s)	Display Total Work Time	(Unit: hours)
Recall (Home Icon) 	Short Press	Return to Starting Position	Displays current battery level

Light Effect	Meaning
Blue Breathing	Standby / Paused
Blue Solid	Working
Blue Flashing	Pairing Network
Red Flashing	Error
Purple Flashing	Low Battery

* Note:
If the product is paused for more than 10 minutes, it will enter sleep mode.
To reactivate, short press the (Start/Stop) button to wake the main unit.

2. Product Usage

2.4 Remote Control



1 Start/Stop Button:

Start or pause cleaning

- Press the button to switch the robot from sleep mode to standby mode.
- Press the button to start cleaning while the robot is in standby mode.
- Press the button to stop the robot while the robot is working.

2 Direction button:

Control movement manually

A. Forward button

Press the button to move the robot forward in standby mode.

B. Left button

Press the button to make the robot turn left in standby mode.

C. Right button

Press the button to make the robot turn right in standby mode

* Note: Direction buttons cannot be used while the robot is actively cleaning.

3 Suction Power Switch Button:

Press this button to cycle through different suction modes:

Default: Standard Mode

1st press: Switch to Turbo Mode

2nd press: Switch to Eco Mode

3rd press: Return to Standard Mode

4 Spot cleaning button:

Press this button to make the machine start spiral spot cleaning.

5 Recall Button:

Press this button to make the machine automatically return to its starting position.

6 Edge cleaning button:

Press this button to make the machine enter edge cleaning mode.

7 Display Screen

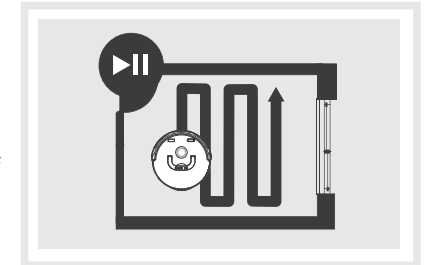
2. Product Usage

2.5 Mode Selection

To adapt to different floor conditions and achieve deep cleaning, this product offers multiple cleaning modes that can be selected via the remote control or the App.

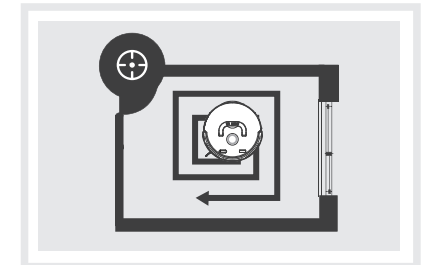
1 Auto Cleaning Mode:

In auto cleaning mode, the machine will automatically clean the room and adjust itself according to different floor environments.



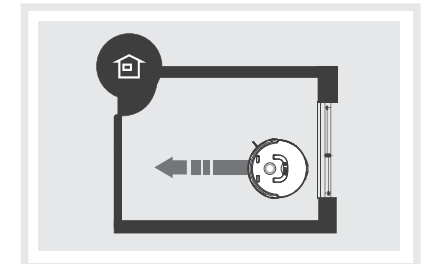
2 Spot Cleaning Mode:

Suitable for areas with concentrated debris. The host cleans intensively in a designated area using a “spiral” pattern.



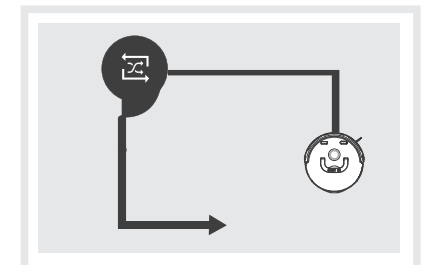
3 Recall Mode:

Press this button to let the host return to its starting position.



4 Edge Cleaning Mode:

Targets cleaning along corners and edges indoors. The host cleans along the perimeter of fixed objects (like walls).



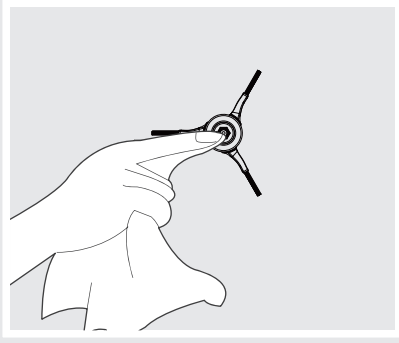
3. Maintenance and Care

3.1 Cleaning Side Brushes, Sensors, and Universal Wheel

* Note: Direction buttons cannot be used while the robot is actively cleaning.

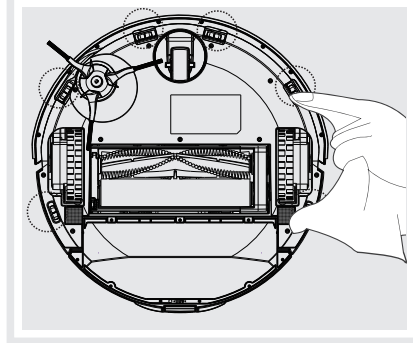
Side Brushes:

Clean any tangled hair or debris, then wipe with a clean cloth.



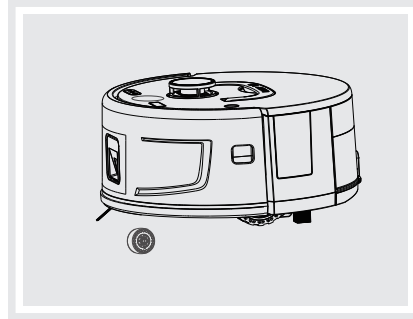
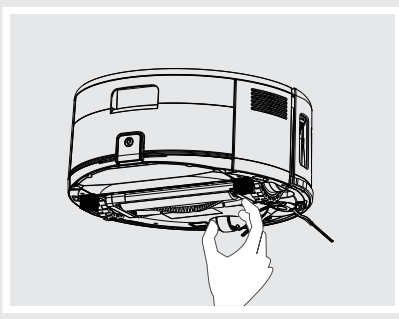
Sensors

Gently wipe the sensors with a soft cloth



Universal Wheel:

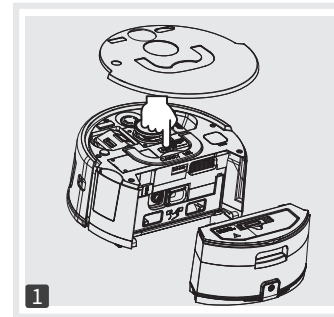
Pull out the universal wheel and clean it to reduce entanglement from hair and other debris.



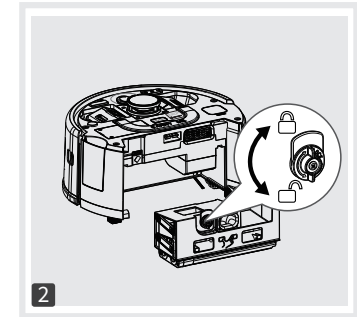
3. Maintenance and Care

3.2 Replacing/Cleaning the Roller Brush

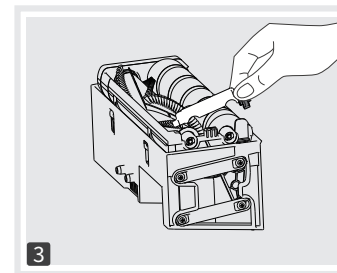
Please replace or clean the roller brush regularly to ensure normal vacuuming operation and improve cleaning efficiency.



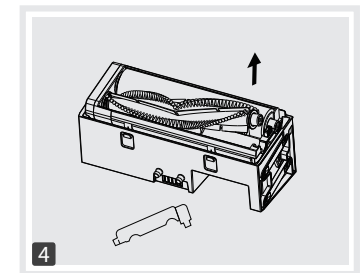
Lift the top cover and press the release button to remove the dustbin.



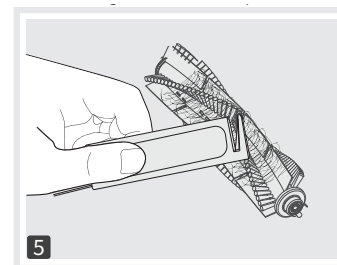
Press and release the locking knob as illustrated in the picture to unlock the roller brush compartment. Firmly pull the roller brush compartment outward.



Flip the roller brush compartment, press the retaining latch and lift it upward.



Remove the roller brush for replacement or cleaning.

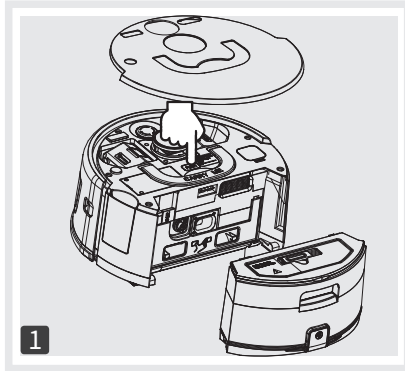


Use the hook blade on the cleaning tool to cut and remove tangled debris. Reinstall the brush before using again.

3. Maintenance and Care

3.3 Cleaning the Dustbin and Filter

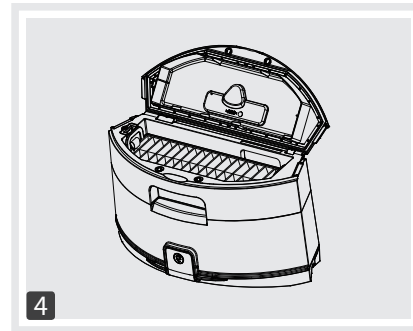
Please clean the dustbin regularly to ensure normal vacuuming efficiency and extend the life of the filter.



Lift the top cover and press the release button to remove the dustbin.



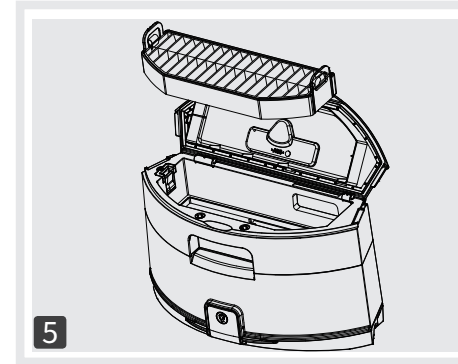
Press the button at the bottom of the dustbin, and the bottom cover will pop open automatically. (Empty debris)



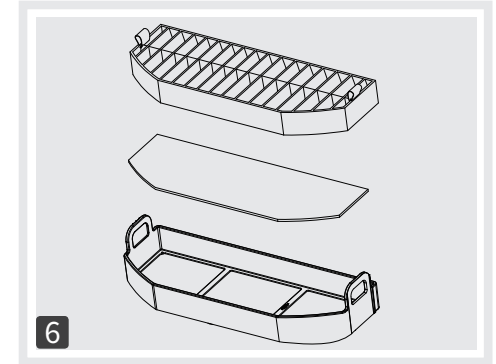
Open the top lid of the dustbin.

3. Maintenance and Care

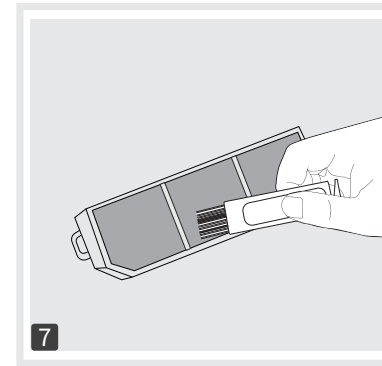
3.3 Cleaning the Dustbin and Filter



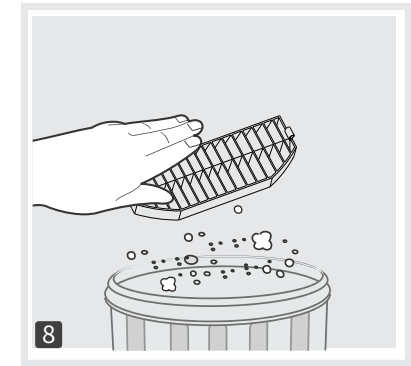
Pull up the filter frame.



Pull out the filters



Use a brush to clean the dust off the primary filter.



Tap the filters to remove dust. After cleaning, reinstall it into the dustbin.

4. Troubleshooting

When the machine experiences certain faults, the main unit's red light will flash, accompanied by a voice prompt.

Alarm Code Table

No.	Voice Prompt	Cause of Failure	Solution
01	Side brush blocked	Right side brush malfunction	Check and clean the right side brush
02	Left wheel blocked	Left wheel malfunction	Check and clean the left wheel
03	Right wheel blocked	Right wheel malfunction	Check and clean the Right wheel
04	Main brush blocked	Roller brush malfunction	Check and clean the roller brush
05	Please clean the filter	Filter clogged	Check and clean the filte
06	Suction motor failed	Fan motor malfunction	Contact repair service
07	Bumper is stuck	Bumper malfunction	Check the bumper
08	Please check the cliff sensor	Cliff sensor malfunction	Check and clean cliff sensors
09	Please put the robot back to ground	Robot is lifted	Place put the main unit on the ground
10	Please check the lidar	Lidar sensor malfunction	Check the lidar sensor

If the above methods cannot resolve the issue, please try the following operations:

First, press and hold the power button for 3 seconds to turn off the machine, then press and hold for 2 seconds to restart it.

If restarting the machine does not resolve the issue, please send the machine to an after-sales service center for repair.

5. After-Sales Service

Dear Valued Customer,

Hello!

To ensure you receive comprehensive after-sales service, we hereby present our standard service commitments.

Please retain your valid purchase receipt as proof of eligibility for after-sales services.

Warranty Period

Product	Warranty Scope	Warranty
co-botic 1900	Major Components	1 Year

*Customer Service Consultation:

[Contact Information Placeholder - Add specific phone/email/website here if available]

5. After-Sales Service

Service Policy Disclaimer (Read before requesting repair)

The company provides lifetime repair services for this product. Customers are required to cover repair labor fees and material costs:

If any quality issues are found during unboxing of the purchased product, please contact the sales for immediate return or replacement.

The following conditions are excluded from free services and will incur paid repair fees:

- A. Damage caused by improper use, maintenance, or storage by the consumer;
- B. The entire machine or parts have exceeded the free warranty period;
- C. Damage caused by disassembly by non-authorized repair departments;
- D. Damage caused by disassembly by non-authorized repair departments;
- E. Damage caused by accidental factors or human factors
(including operational errors, liquid ingress, improper plugging/unplugging, scratches, handling, bumps, input of inappropriate voltage).

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