



DEEBOT

Instruction Manual

Important Safety Instructions

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical Appliance, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE SAVE THESE INSTRUCTIONS

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. Clear the area to be cleaned. Remove power cords and small objects from the floor that could entangle the Appliance. Tuck rug fringe under the rug base, and lift items such as curtains and tablecloths off the floor.
3. If there is a drop off in the cleaning area due to a step or stairs, you should operate the Appliance to ensure that it can detect the step without falling over the edge. It may become necessary to place a physical barrier at the edge to keep the unit from falling. Make sure the physical barrier is not a trip hazard.
4. Only use as described in this manual. Only use attachments recommended or sold by the manufacturer.
5. Please make sure your power supply source voltage matches the power voltage marked on the Docking Station.
6. For INDOOR household use ONLY. Do not use the Appliance in outdoor, commercial or industrial environments.
7. Use only the original rechargeable battery and Docking Station provided with the Appliance from the manufacturer. Non-rechargeable batteries are prohibited.
8. Do not use without dust bin and/or filters in place.
9. Do not operate the Appliance in an area where there are lit candles or fragile objects.
10. Do not use in extremely hot or cold environments (below -5°C/23°F or above 40°C/104°F).

11. Keep hair, loose clothing, fingers, and all parts of body away from any openings and moving parts.
12. Do not operate the Appliance in a room where an infant or child is sleeping.
13. Do not use Appliance on wet surfaces or surfaces with standing water.
14. Do not allow the Appliance to pick up large objects like stones, large pieces of paper or any item that may clog the Appliance.
15. Do not use Appliance to pick up flammable or combustible materials such as gasoline, printer or copier toner, or use in areas where they may be present.
16. Do not use Appliance to pick up anything that is burning or smoking, such as cigarettes, matches, hot ashes, or anything that could cause a fire.
17. Do not put objects into the suction intake. Do not use if the suction intake is blocked. Keep the intake clear of dust, lint, hair, or anything that may reduce air flow.
18. Take care not to damage the power cord. Do not pull on or carry the Appliance or Docking Station by the power cord, use the power cord as a handle, close a door on the power cord, or pull power cord around sharp edges or corners. Do not run Appliance over the power cord. Keep power cord away from hot surfaces.
19. If the power cord is damaged, it must be replaced by the manufacturer or its service agent in order to avoid a hazard.
20. Do not use the Docking Station if it is damaged. The power supply is not to be repaired and not to be used any longer if it is damaged or defective.
21. Do not use with a damaged power cord or receptacle. Do not use the Appliance or Docking Station if it is not working properly, has been dropped, damaged, left outdoors, or come in contact with water. It must be repaired by the manufacturer or its service agent in order to avoid a hazard.
22. Turn OFF the power switch before cleaning or maintaining the Appliance.
23. The plug must be removed from the receptacle before cleaning or maintaining the Docking Station.

24. Remove the Appliance from the Docking Station, and turn OFF the power switch to the Appliance before removing the battery for disposal of the Appliance.
25. The battery must be removed and discarded according to local laws and regulations before disposal of the Appliance.
26. Please dispose of used batteries according to local laws and regulations.
27. Do not incinerate the Appliance even if it is severely damaged. The batteries can explode in a fire.
28. When not using the Docking Station for a long period of time, please unplug it.
29. The Appliance must be used in accordance with the directions in this Instruction Manual. ECOVACS ROBOTICS cannot be held liable or responsible for any damages or injuries caused by improper use.
30. The robot contains batteries that are only replaceable by skilled persons. To replace the robot's battery, please contact Customer Service.
31. If the robot will not be used for a long time, power OFF the robot for storage and unplug the Docking Station.

32. WARNING: For the purposes of recharging the battery, only use the detachable supply unit CH2118 provided with the Appliance, or CH2117 sold separately as an accessory.







To satisfy RF exposure requirements, a separation distance of 20 cm or more should be maintained between this device and persons during device operation.

To ensure compliance, operations at closer than this distance is not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

Device Update

Typically, some devices are updated bi-monthly, but not always so specific.

Some devices, especially those that went on sale more than three years ago, will only be updated if a critical vulnerability is found and fixed.

	Class II
	Short-circuit-proof safety isolating transformer
	Switch mode power supply
	For indoor use only
	Direct current
	Alternating current

For EU Countries

For EU Declaration of Conformity information, visit <https://www.ecovacs.com/global/compliance>.

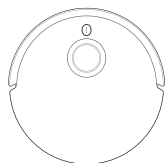


Correct Disposal of this Product

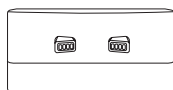
This marking indicates that this product should not be disposed of with other household waste throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To recycle your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can safely recycle this product.

The remote surveillance is for the absolute private use of non-public, private owned places for the pure self-protection and single control intended only. Please be aware of the local data protection based legal obligations in case of use. No surveillance of public places, especially with clandestine intent and/or on the part of the employer without justified reasons. Such not justified use is in the risk and responsibility of the user only.

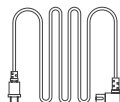
Package Contents



Robot



Docking Station



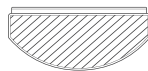
Power cord



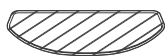
Air Freshener
(Pre-installed)



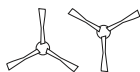
OZMO™ Pro 3.0
Oscillating Mopping System



Washable Mopping Pad
(Pre-installed)



Disposable
Mopping Pads



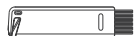
Dual Side Brushes



Rubber Plugs
(1 pair)



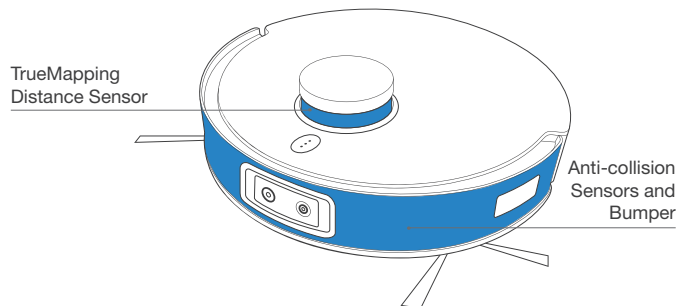
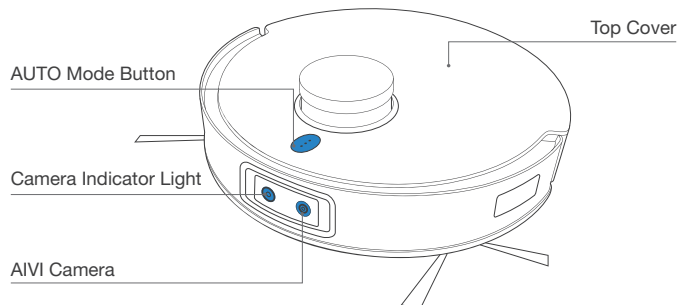
Instruction Manual



Multi-Function
Cleaning Tool

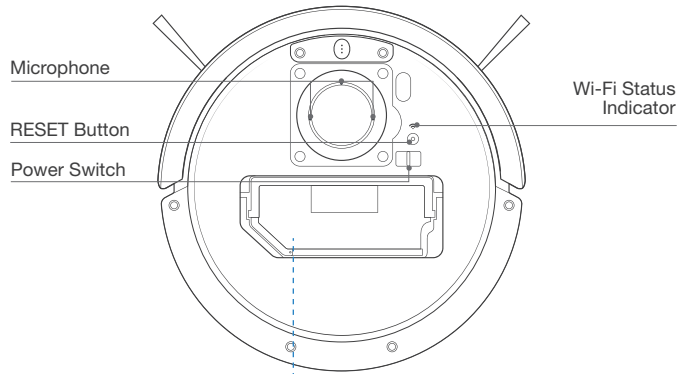
Product Diagram

Robot

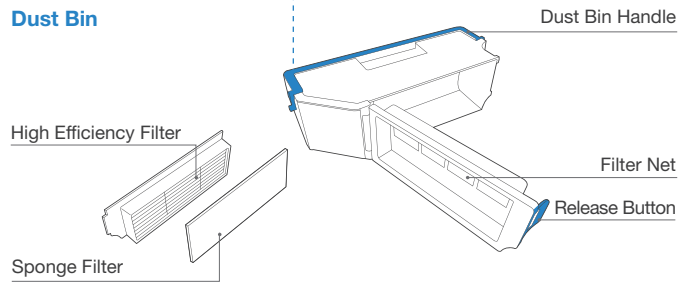


Note: Figures and illustrations are for reference only and may differ from actual product appearance. Product design and specifications are subject to changes without notice.

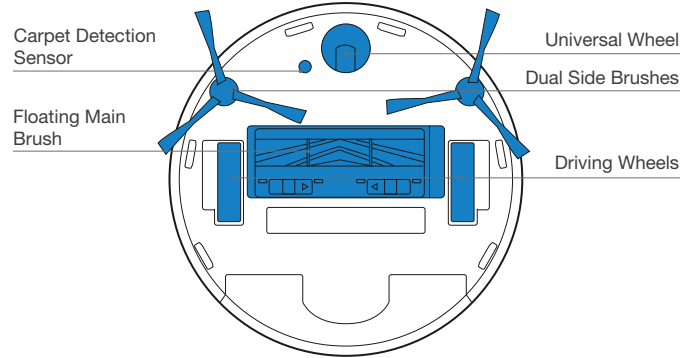
* Air Freshener Capsule is sold separately that works with Air Freshener.
Explore more accessories at <https://www.ecovacs.com/global>.



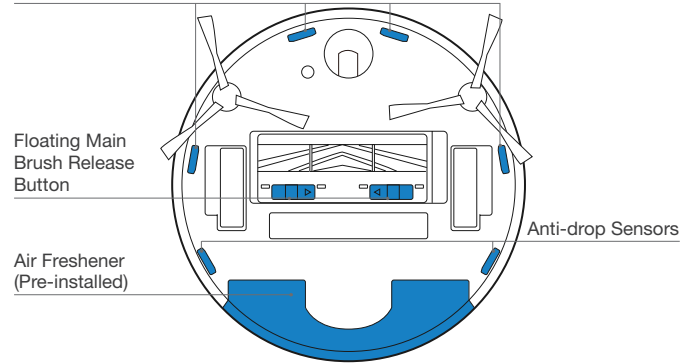
Dust Bin

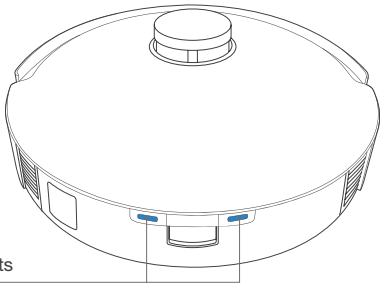


Bottom View



Anti-drop Sensors

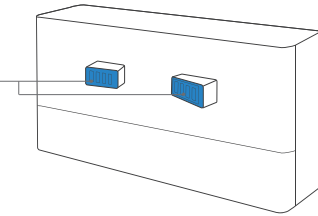




Charging Contacts

Docking Station

Charging Contacts



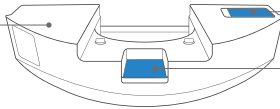
Holes for Rubber Plugs



Power Cord Wrap

OZMO™ Pro 3.0 Oscillating Mopping System

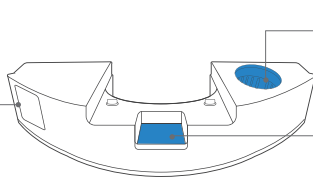
Reservoir



Water Inlet
Reservoir
Release Button

Air Freshener (Pre-installed)

Air Freshener

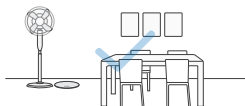


Capsule Container
Release Button



Power Cord

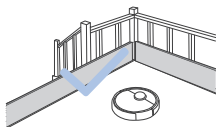
Notes Before Cleaning



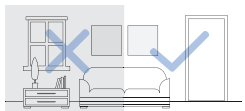
Tidy up the area to be cleaned by putting furniture, such as chairs, in their proper place.



During the first use, make sure each room door is open to help DEEBOT fully explore your house.



It may be necessary to place a physical barrier at the edge of a drop to stop the unit from falling over the edge.



Make sure areas to be cleaned are well illuminated so AIVI Camera works properly. Remove power cords and small objects from the floor to ensure cleaning efficiency.



Put away objects including cables, cloths and slippers, etc. on the floor to improve the cleaning efficiency.



Clean the AIVI Camera and TrueMapping Distance Sensor with a clean cloth, and avoid using any detergent or cleaning spray.



Before using the product on a rug with tasseled edges, please fold the rug edges under.



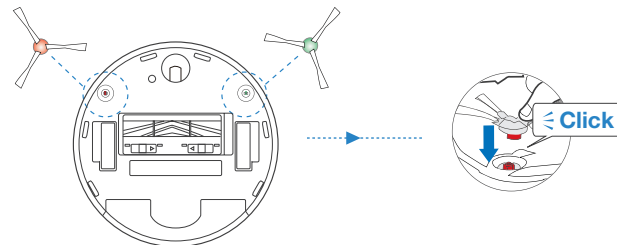
Please do not stand in narrow spaces, such as hallways, and make sure not to block the AIVI Camera.

Quick Start

Before using DEEBOT, please remove all protective films or protective strips on DEEBOT and Docking Station.

Install the Dual Side Brushes

Make sure the color of Dual Side Brushes are consistent with that of mounting slot.



ECOVACS HOME App

To enjoy all available features, it is recommended to control your DEEBOT via the ECOVACS HOME app.

Before you start, make sure that:

- Your mobile phone is connected to a Wi-Fi network.
- The 2.4GHz band wireless signal is enabled on your router.
- The Wi-Fi indicator light on DEEBOT is slowly flashing.



Wi-Fi Indicator Light

	Slowly flashing	Disconnected to Wi-Fi or waiting for Wi-Fi connection
	Rapidly flashing	Connecting to Wi-Fi
	Solid	Connected to Wi-Fi

Wi-Fi Connection

Before Wi-Fi setup, make sure DEEBOT, mobile phone, and Wi-Fi network meet the following requirements.

DEEBOT and Mobile Phone Requirements

- DEEBOT is fully charged and the power switch of DEEBOT is turned on.
- Wi-Fi status light slowly flashes.
- Turn off mobile phone's cellular data (you can turn it back on after setup).

Wi-Fi Network Requirements

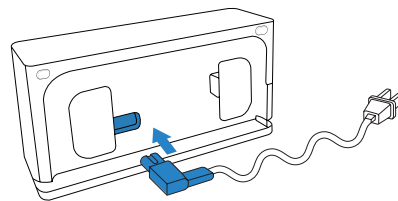
- You are using a 2.4GHz or 2.4/5 GHz mixed network.
- Your router supports 802.11b/g/n and IPv4 protocol.
- Do not use a VPN (Virtual Private Network) or Proxy Server.
- Do not use a hidden network.
- WPA and WPA2 using TKIP, PSK, AES/CCMP encryption.
- WEP EAP (Enterprise Authentication Protocol) is not supported.
- Use Wi-Fi channels 1-11 in North America and channels 1-13 outside North America (refer to local regulatory agency).
- If you are using a network extender/repeater, the network name (SSID) and password are the same as your primary network.

After Wi-Fi connection, DEEBOT will enter into Networked Standby mode if it has no signal input within 10 minutes.

Please be aware that the realization of intelligent functions such as remote startup, voice interaction 2D/3D map display and control settings, and personalized cleaning (depending on different products) requires users to download and use ECOVACS HOME App, which is constantly updated. You need to agree to our Privacy Policy and User Agreement before we can process some of your basic and necessary information and enable you to operate the product. If you do not agree with our Privacy Policy and User Agreement, some of the aforementioned intelligent functions cannot be realized through ECOVACS HOME App, but you can still use the basic functions of this product for manual operation.

Charging DEEBOT

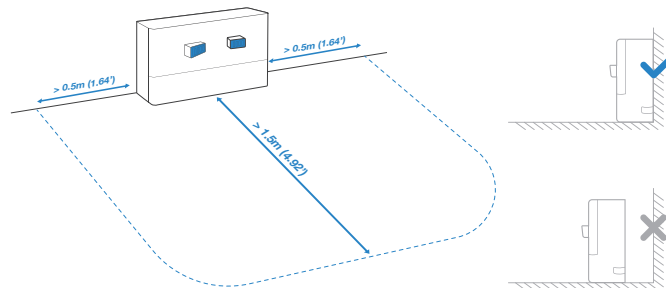
1 Connect Power Cord



2 Docking Station Placement

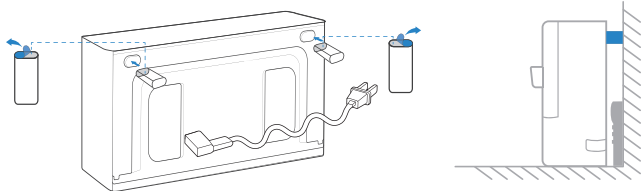
Note: Please do not place the Docking Station on the carpet.

Place this Docking Station against the wall and in more rooms, so your robot will find its way to charge more efficiently when in a larger or more complex home environment.

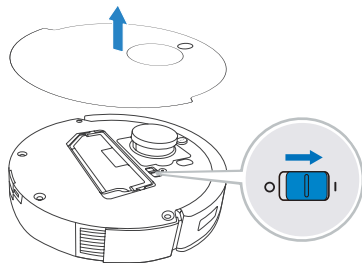


3 Insert Rubber Plugs(For walls with skirting line)

Remove stickers on the end of the Rubber Plugs and insert Rubber Plugs (adhesive side) to the holes.



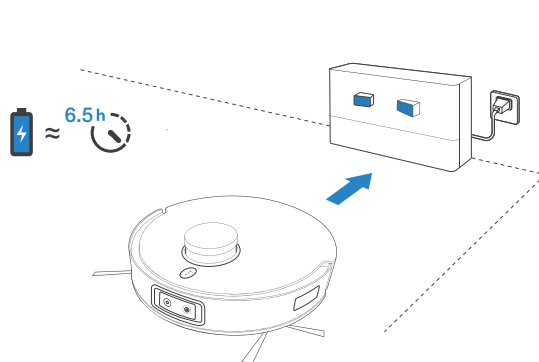
4 Power ON



Note: I = ON, O = OFF.

DEEBOT cannot be charged when being powered OFF.

5 Charge DEEBOT



Please make sure that DEEBOT starts cleaning from the Station. Do not move the Station while cleaning.

When cleaning is complete, it is recommended to remove the Mopping Pad and manually place DEEBOT to the Station.

To prevent damage to the floor, it is recommended to use Waterproof Mat. Explore more accessories at <https://www.ecovacs.com/global>.

Operating DEEBOT

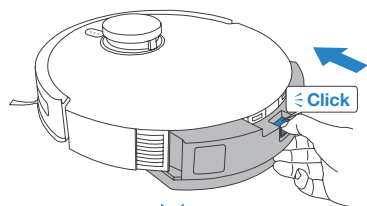
For the first-time cleaning, please ensure that DEEBOT is fully charged.

During the first cleaning:

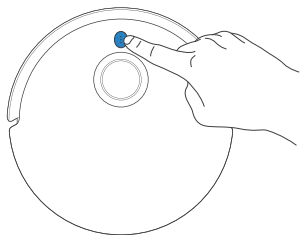
1. Please make sure to install Air Freshener to create a home map ,including carpet area in ECOVACS HOME App
2. Please ensure that DEEBOT is fully charged.
3. Please supervise DEEBOT and assist it should there be a problem.

1 Start

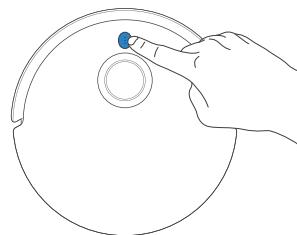
Install Air Freshener



Tap 



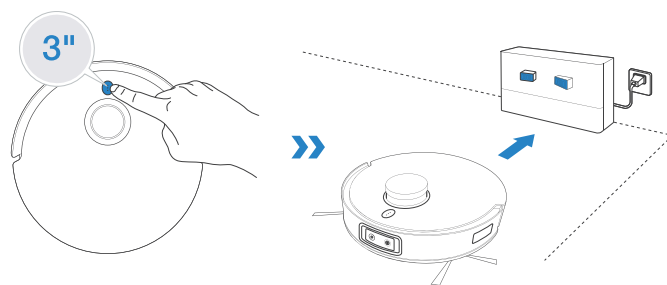
2 Pause/Wake Up



Note: The robot's Control Panel stops glowing after the robot is paused for a few minutes. Tap the AUTO Mode Button on DEEBOT to wake up the robot.

3 Return to Charge

Tap  for 3 seconds to send DEEBOT back to the Docking Station.

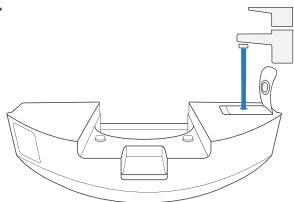


OZMO™ Pro 3.0 Oscillating Mopping System

Note:

1. Install OZMO™ Pro 3.0 Oscillating Mopping System for floor scrubbing.
2. Before installing OZMO™ Pro 3.0 Oscillating Mopping System, please make sure the contacts are thoroughly dry.
3. Please avoid using OZMO™ Pro 3.0 Oscillating Mopping System on the carpet.
4. It is recommended to drench and wring out the Mopping Pad before installing it to have a better cleaning.

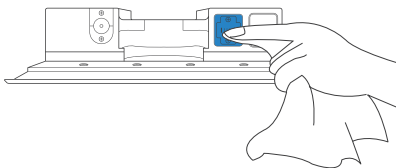
1 Add Water



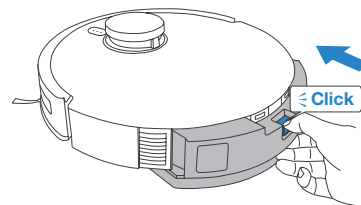
* To prolong the service life of OZMO™ Pro 3.0 Oscillating Mopping System, it is recommended to use purified water or ECOVACS DEEBOT Cleaning Solution. Explore more accessories at <https://www.ecovacs.com/global>.

* Do not soak OZMO™ Pro 3.0 Oscillating Mopping System in water.

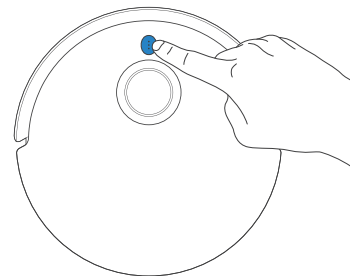
2 Dry Contacts Thoroughly



3 Install OZMO™ Pro 3.0 Oscillating Mopping System

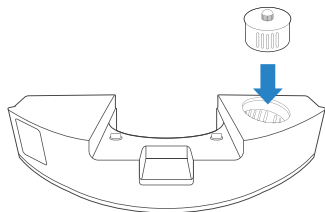


4 Start Cleaning

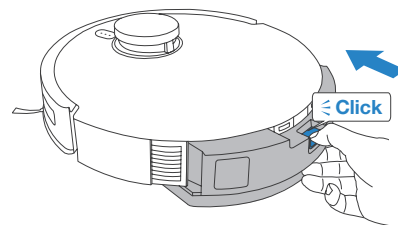


Air Freshener

1 Install Air Freshener Capsule (sold separately)



2 Install Air Freshener



Regular Maintenance

To keep DEEBOT running at peak performance, perform maintenance tasks and replace parts with the following frequencies:

Robot Part	Maintenance Frequency	Replacement Frequency
Air Freshener Capsule (sold separately)	/	Every 2 months
Washable Mopping Pad	/	Every 1-2 months
Disposable Mopping Pad	After each use	Replace after each use
Dual Side Brushes	Once every 2 weeks	Every 3-6 months
Floating Main Brush	Once per week	Every 6-12 months
Sponge Filter/High Efficiency Filter	Once per week	Every 3-6 months
AI/VI Camera TrueMapping Distance Sensor Universal Wheel Anti-Drop Sensors Bumper Charging Contacts	Once per week	/
Dust Bin	Once per month	/
Docking Station	Once per month	/

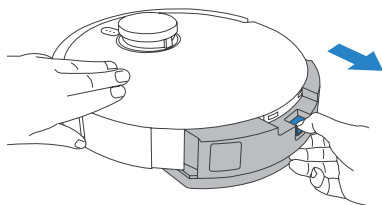
Before performing cleaning and maintenance tasks on DEEBOT, turn the robot OFF and unplug the Docking Station.

A multi-function Cleaning Tool is provided for easy maintenance. Handle with care, this cleaning tool has sharp edges.

Note: ECOVACS manufactures various replacement parts and fittings. Please contact Customer Service for more information on replacement parts.

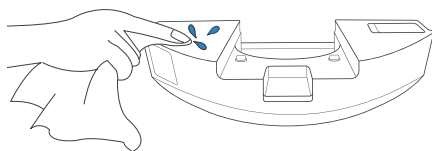
Maintain OZMO™ Pro 3.0 Oscillating Mopping System

1 Remove OZMO™ Pro 3.0 Oscillating Mopping System



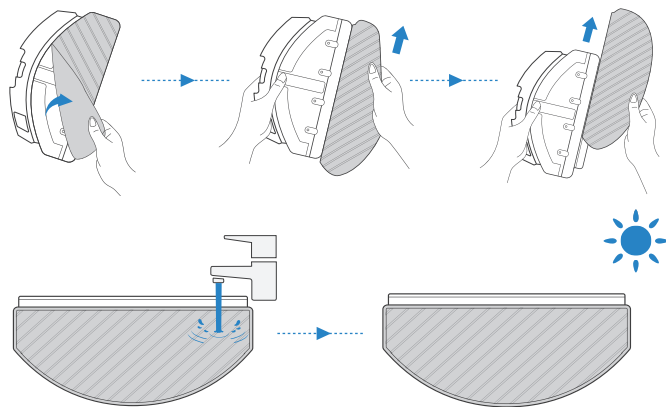
* After DEEBOT finishes mopping, please empty the reservoir.

2 Wipe OZMO™ Pro 3.0 Oscillating Mopping System

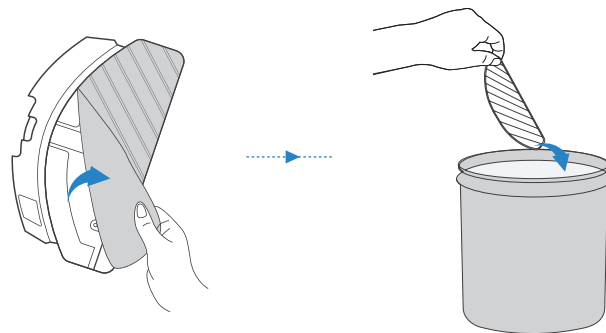


* Wipe OZMO™ Pro 3.0 Oscillating Mopping System with a clean, dry cloth. Do not soak into water.

3 Washable Mopping Pad



4 Disposable Mopping Pad

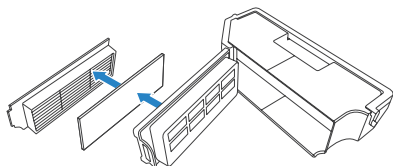


Maintain Dust Bin and Filters

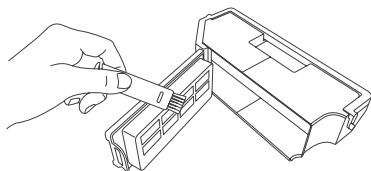
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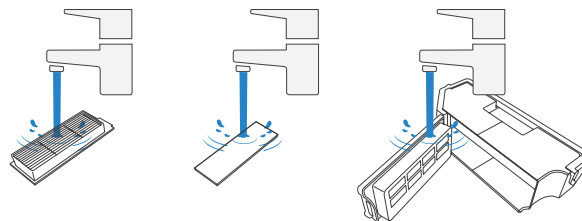
2



3



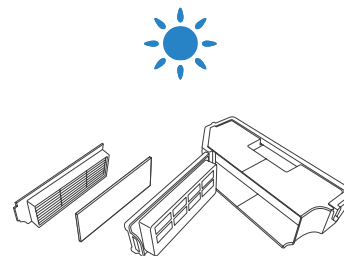
4



Note:

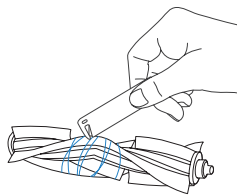
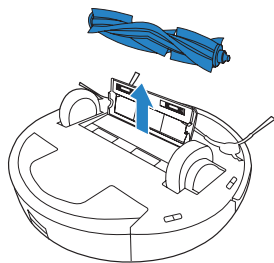
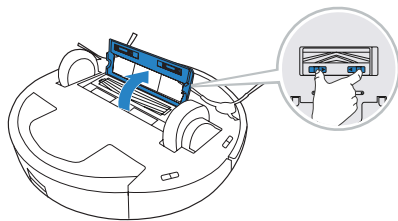
1. Please rinse the filter with water as shown above.
2. Do not use finger or brush to clean the filter.

5

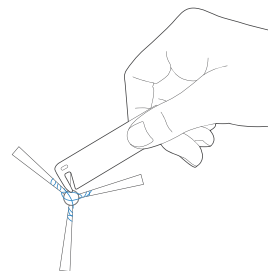
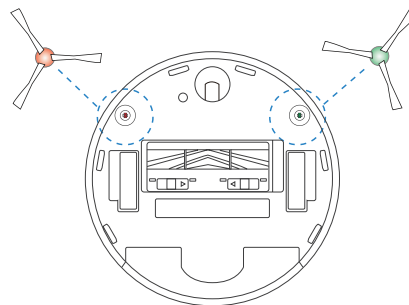


Maintain Floating Main Brush and Dual Side Brushes

Floating Main Brush

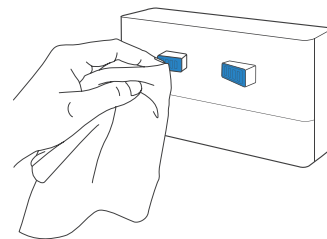
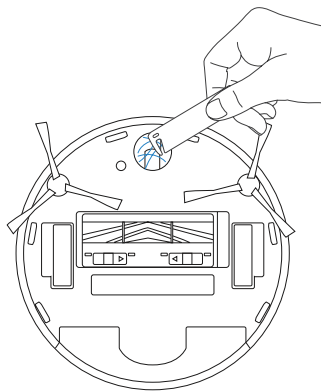
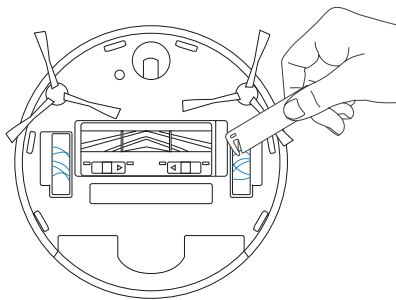
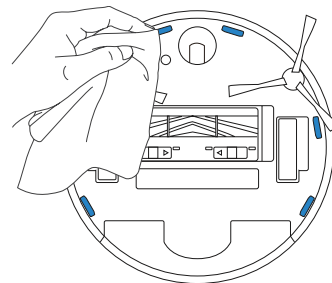
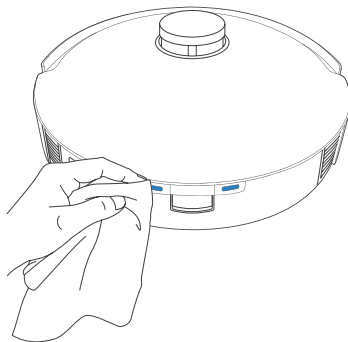
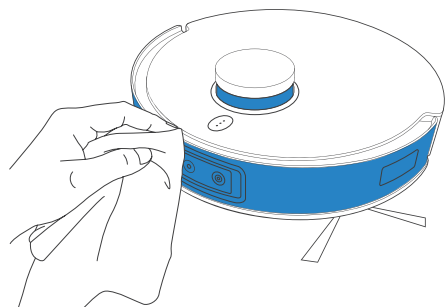


Dual Side Brushes



Maintain Other Components

Note: Wipe the components with a clean, dry cloth. Avoid using cleaning sprays or detergents.



Troubleshooting

No.	Malfunction	Possible Causes	Solutions
1	DEEBOT is not able to connect to ECOVACS HOME App.	Incorrect home Wi-Fi username or password entered.	Enter the correct home Wi-Fi username and password.
		DEEBOT is not within range of your home Wi-Fi signal.	Make sure DEEBOT is within range of your home Wi-Fi signal.
		DEEBOT is not in the configuration state.	Make sure DEEBOT is connected to the power supply and turned on. Open the cover, and press RESET Button. DEEBOT will enter the configuration state when you hear a voice prompt.
		Incorrect App installed.	Please download and install ECOVACS HOME App.
		Not using a 2.4GHz or 2.4/5 GHz mixed network.	DEEBOT does not support 5GHz network. Please use a 2.4GHz or 2.4/5 GHz mixed network.
2	Unable to create furniture map on App.	DEEBOT does not start cleaning from the Station.	DEEBOT must start cleaning from the Station.
		Move DEEBOT when cleaning might cause the mop lost.	During cleaning, do not move DEEBOT as far as possible.
		Auto cleaning is not complete.	Make sure DEEBOT automatically return to the Station after cleaning.
3	DEEBOT Dual Side Brushes drop out of place during use.	The Dual Side Brushes are not correctly installed.	Make sure the Dual Side Brushes click into place when installing.

No.	Malfunction	Possible Causes	Solutions
4	No signal found. Unable to return to the Station.	The Station is incorrectly placed.	Please place the Station correctly according to the instructions in the [Charging DEEBOT] section.
		The Station is out of power or manually moved.	Check whether the Station is connected to power supply. Do not move the Station.
		DEEBOT does not start cleaning from the Station.	It is recommended that DEEBOT start cleaning from the Station.
		The charging route is blocked. For example, the door of the room with the Station is closed.	Keep the charging route clear.
5	DEEBOT returns to the Station before it has finished cleaning.	The room is large and DEEBOT needs to return to recharge.	Please turn on Continuous Cleaning. For more details, please follow the App guidance.
		DEEBOT is unable to reach certain areas blocked by furniture or barriers.	Tidy up the area to be cleaned by putting furniture and small objects in their proper place.
6	DEEBOT is not charging.	DEEBOT is not switched ON.	Switch ON DEEBOT.
		DEEBOT's Charging Contacts are not connected to the Station's Contacts.	Make sure that the robot's Charging Contacts have connected to the Station's Contacts and the AUTO Mode Button flashes. Check whether DEEBOT'S Charging Contacts and the Station are dirty. Please clean these parts according to the instructions in the [Maintenance] section.
		The Station is not connected to the power supply.	Make sure the Power Cord is firmly connected to the Station.
		The battery is completely discharged.	Please contact Customer Care for help.
7	Running is very loud during cleaning.	Dual Side Brushes and Floating Main Brush are entangled. Dust bin and filter are blocked.	It is recommended to clean the Dual Side Brushes, Floating Main Brush, dust bin, filter, etc. regularly.
		DEEBOT is in Strong Mode.	Switch to Standard Mode.

No.	Malfunction	Possible Causes	Solutions
8	DEEBOT gets stuck while working and stops.	DEEBOT is tangled with something on the floor (electrical wires, curtains, carpet fringing, etc.).	DEEBOT will try various ways to free itself. If it is unsuccessful, manually remove the obstacles and restart.
		DEEBOT might be stuck under furniture with an entrance of similar height.	Please set a physical barrier, or set a Virtual Boundary in the ECOVACS HOME App.
9	During cleaning, DEEBOT appears in the route disorder, running bias, repeated cleaning, small area leakage and so on. (If there is a large area that has not been swept temporarily, DEEBOT will make up the leakage independently. Sometimes DEEBOT will re-enter a cleaned room to find any missing area.)	Objects such as wires and slippers placed on the ground affect the normal operation of DEEBOT.	Please tidy up the scattered wires, slippers and other objects on the ground before cleaning. And reduce the scattered objects on the ground as far as possible. If there is any area leakage, DEEBOT will correct the leakage by itself, please do not interfere (such as moving DEEBOT or blocking the route).
		It may be that the Driving Wheels slips on the ground when DEEBOT climbs steps, thresholds and door bars, thus affecting the its judgment of the whole house environment.	It is recommended to close the door of this area and clean the area separately. After cleaning, DEEBOT will return to the starting point. Please rest assured to use.
		Work on freshly waxed and polished floors or smooth tiles, resulting in less friction between the Driving Wheels and the floor.	Please wait for wax to dry before cleaning.
		Due to different home environments, some areas cannot be cleaned.	Clean the home environment to ensure that DEEBOT can enter for cleaning.
		The TrueMapping Distance Sensor is dirty or blocked by foreign matters.	Wipe the TrueMapping Distance Sensor with a clean soft cloth or remove foreign matters.
10	Video Manager cannot open or has no screen.	Wi-fi connection failed.	Check the Wi-Fi connection status. DEEBOT must be in an area with good Wi-Fi signal to enable the Video Manager.
		Due to the network latency, you may not be able to open Video Manager temporarily.	Try again later.
		The AIVI Camera is blocked.	Remove the shield.
11	Delay in remote control.	The Wi-Fi signal is poor, causing the video loading to be slow.	Use DEEBOT in areas with good Wi-Fi signals.

No.	Malfunction	Possible Causes	Solutions
12	AIVI Camera cannot recognize objects.	The cleaning area is not well illuminated.	Smart Recognition requires sufficient lighting. Please make sure the areas to be cleaned are well illuminated.
		The AIVI Camera lens is dirty or blocked.	Clean the lens with a clean soft cloth, and make sure the AIVI Camera is not blocked. Avoid using any detergent or cleaning spray while cleaning.
13	DEEBOT does not respond to the Station instruction.	DEEBOT is too far away from the Station.	If it is beyond the available distance, the ECOVACS HOME App can also be used to operate DEEBOT.
14	Driving wheels are blocked.	Driving wheels are blocked by foreign objects.	Please rotate and press the driving wheels to check whether there is any foreign object wrapped or stuck. If there is any foreign object, please clean it in time. If this problem persists, please contact Customer Care for help.
15	DEEBOT OZMO™ Pro 3.0 Oscillating Mopping System drops out of the place during use.	The OZMO™ Pro 3.0 Oscillating Mopping System is not correctly installed.	Make DEEBOT OZMO™ Pro 3.0 Oscillating Mopping System clicks into place when installing.
16	DEEBOT is stuck when cleaning with OZMO™ Pro 3.0 Oscillating Mopping System installed.	DEEBOT may have difficulty climbing over obstacles when using OZMO™ Pro 3.0 Oscillating Mopping System.	Please assist DEEBOT if there is a problem.
17	There is no fragrance when using Air Freshener.	The Air Freshener Capsule is not installed.	Please install the Air Freshener Capsule.
		The Air Freshener Capsule reached its service life.	Please replace the Air Freshener Capsule. For more information for replacements, please visit https://www.ecovacs.com/global .
18	Air Freshener makes an abnormal noise.	Objects have fallen into the Air Freshener.	Please contact Customer Service for assistance.

Technical Specifications

Model	DBX33			
Rated Input	20V \equiv 1A			
Docking Station Model	CH2118		CH2117 (Sold Separately)	
	Rated Input	100-240V \sim 50-60Hz	Rated Input (Charging)	220-240V \sim 50-60Hz 0.3A
	Rated Output	20V \equiv 1A	Rated Output	20V \equiv 1A
	Rated Input Power	25W	Power(Auto-Emptying)	1000W
Frequency bands	2400-2483.5MHz			
Networked Standby Power	Less than 2.00W			

Output power of the Wi-Fi module is less than 100mW.

Note: Technical and design specifications may be changed for continuous product improvement.

Explore more accessories at <https://www.ecovacs.com/global>.

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