



DEEBOT **119** +

Instruction Manual/Manuel d'instructions/Manual de instrucciones

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1. Important Safety Instructions

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE.

SAVE THESE INSTRUCTIONS

For Household use only

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

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire or serious injury.

1. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
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 voltage matches the power voltage marked on the Docking Station.
6. Do not handle plug or appliance with wet hands.
7. Non-rechargeable batteries are prohibited.
8. Do not use without dust bin and/or filters in place.
9. Do not operate the vacuum in an area where there are lit candles or fragile objects on the floor to be cleaned.
10. Do not use and store in extremely hot or cold environments (below -5°C /23°F or above 40°C/104°F). Please charge the robot in temperature above 0°C/32°F and below 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. For INDOOR use ONLY. Do not use the Appliance in outdoor, commercial or industrial environments. 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 any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and 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. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.

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.
21. Do not use with a damaged power cord or plug. 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. Turn off all controls before unplugging. Always turn off this appliance before connecting or disconnecting motorized nozzle.
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. Prevent unintentional starting. Ensure the switch is in the off position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.
31. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
32. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
33. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
34. Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion. The temperature of 130°C can be replaced by the temperature of 265°F.

35. Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
36. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
37. Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.
38. Place the cords from other appliances out of the area to be cleaned.
39. Do not operate the vacuum in a room that has lit candles on furniture that the vacuum may accidentally hit or bump into.
40. Do not allow children to sit on the vacuum.
41. Use only as described in this manual. Use only manufacturer's recommended attachments.
42. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
43. Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
44. The robot contains batteries that are only replaceable by skilled persons. To replace the robot's battery, please contact Customer Service.
45. If the robot will not be used for a long time, fully charge the robot and power OFF for storage and unplug the Docking Station.
46. To Reduce The Risk Of Electric Shock – Do not use on wet surfaces. Do not expose to rain. Store indoors.
47. To Reduce The Risk Of Injury From Moving Parts – Unplug Before Servicing.
48. Risk Of Injury. Brush May Start Unexpectedly. Unplug Before Cleaning or Servicing.
49. To reduce the risk of injury, user must read instruction manual.
50. To Reduce The Risk Of Electric Shock – Do not use outdoors or on wet surfaces.

	Direct current
	Alternating current

This Device Complies with DHHS Radiation Rules, 21CFR Chapter 1, Subchapter J.

Federal Communications Commission (FCC) Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generate, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF exposure warning

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

To disable Wi-Fi module on DEEBOT, power the robot ON. Place the robot on the Docking Station making sure the Charging Contacts on DEEBOT and the Docking Station Pins make a connection.

Press and hold the AUTO Mode Button on the robot for 20 seconds until DEEBOT emits 3 beeps.

To enable Wi-Fi module on DEEBOT, power the robot OFF and then power ON. The Wi-Fi module is turned on when DEEBOT is restarted.

Air Freshener Capsule

Main Ingredients: Ethylene/Vinyl Acetate Copolymer, Fragrance

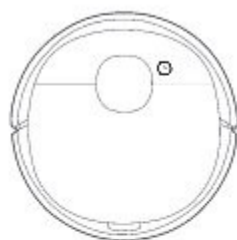
See manufacturing date, expiration date, and lot number on pack.

*Each unit will last up to 60 days based on 1 hour of use per day on ambient temperature conditions.

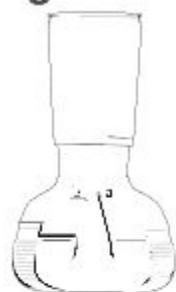
CAUTION:

USE ONLY AS DIRECTED. KEEP OUT OF REACH OF CHILDREN AND PETS. EYE IRRITANT. Avoid contact with eyes, skin, and clothing. In case of contact with skin or eyes, wash immediately with plenty of water for 15 minutes. If eye irritation persists, consult a physician. Do not ingest. IF SWALLOWED, do not induce vomiting; call physician or poison control center immediately. DO NOT PLACE NEAR HEAT OR OPEN FLAME. The product is not to be used by persons with reduced physical, sensory or mental capabilities. Used on DEEBOT and for indoor air deodorization only. Do not disassemble the capsule. Wash hands after handling. Keep away from foodstuffs, beverages and feed. Keep in a dry and well-ventilated place. Dispose in accordance with local regulation.

2. Package Contents/2.1 Package Contents



Robot



Auto-Empty Station



Ramp Extension
(For carpet use only)



Instruction Manual



Side Brushes



Dust Bag



OZMO Pro
Oscillating System



Disposable Mopping Pads



Air Freshener (Pre-installed)

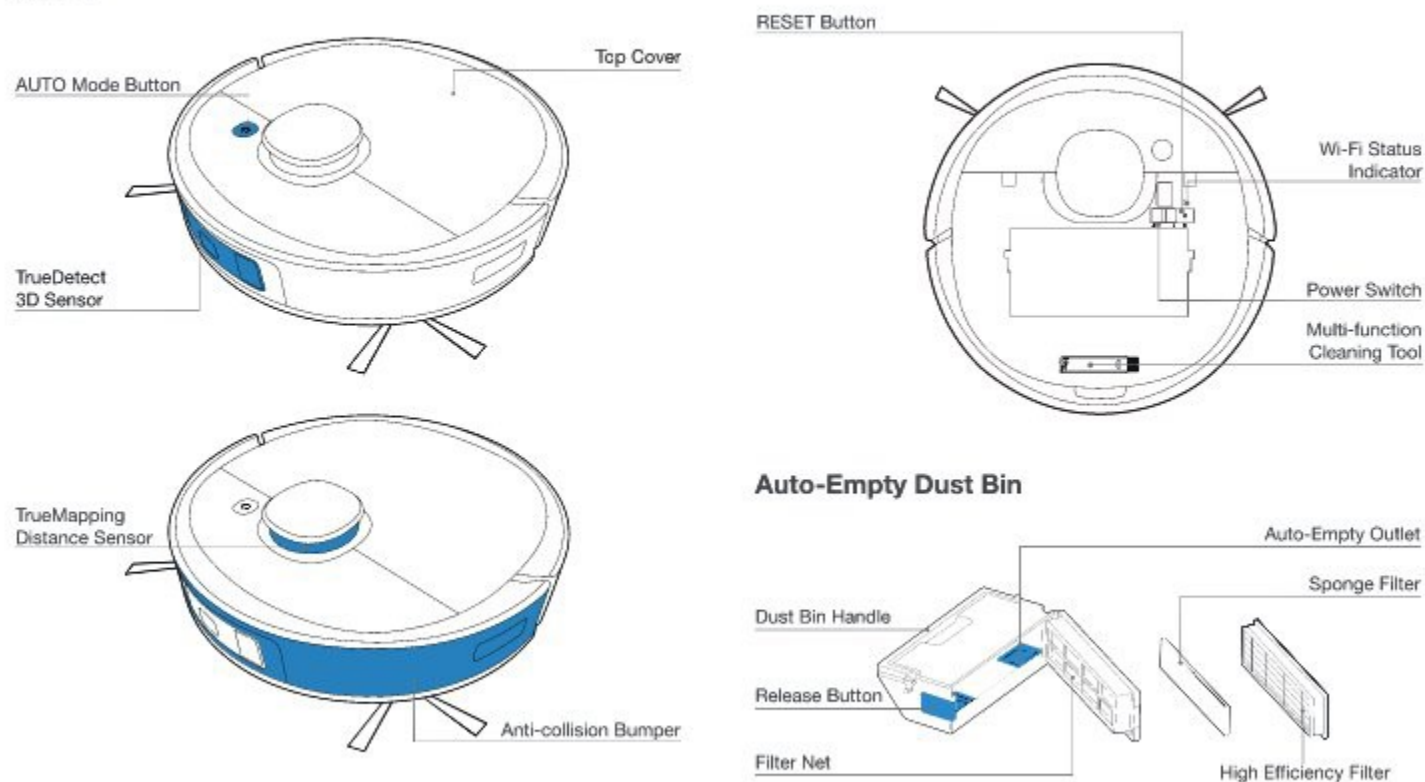


Air Freshener Capsule

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.

2. Package Contents/2.2 Product Diagram

Robot



Bottom View

Charging Contacts

Carpet Detection
Sensor

Main Brush

Universal Wheel

Side Brushes

Driving Wheels

Anti-drop Sensors

Main Brush
Release Button

Air Freshener
(Pre-installed)

Anti-drop Sensors

Auto-Empty Station

Indicator Light

Lid Release Button

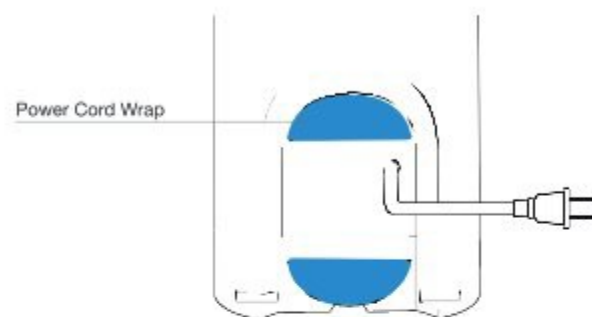
Infrared Singnal Emitter

Auto-Empty Inlet

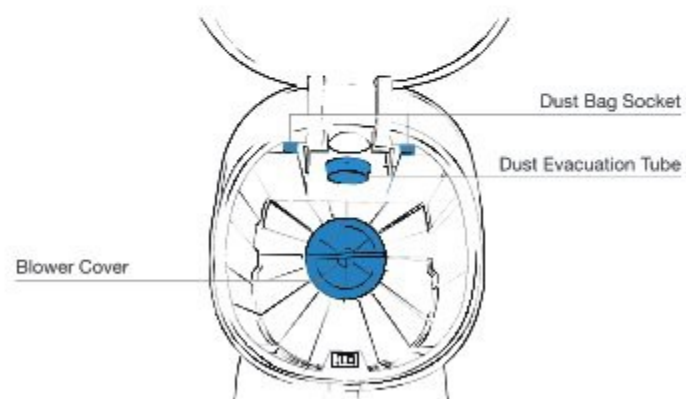
Auto-Empty Station Pins

Ramp Extension
(For carpet use only)

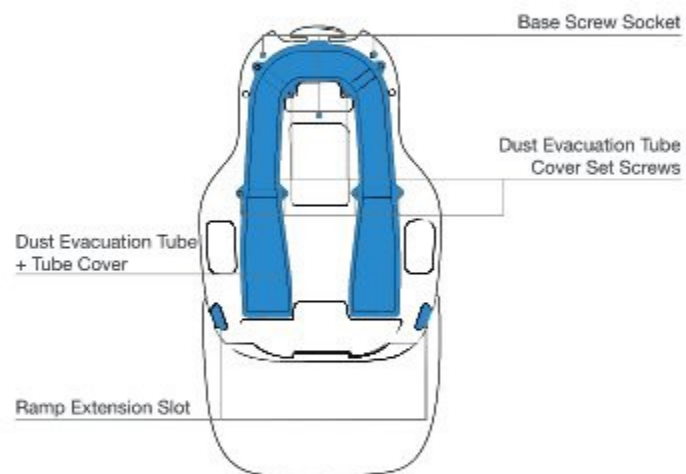
Auto-Empty Station (Back)



Auto-Empty Station (Top)



Auto-Empty Station (Bottom)



OZMO Pro Oscillating System



Air Freshener (Pre-installed)

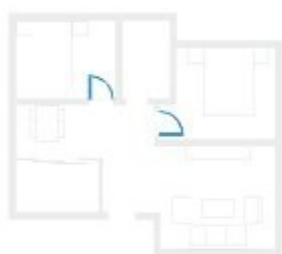


3. Operating and Programming/3.1 Notes Before Cleaning

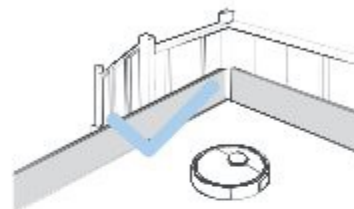
Tidy up the area to be cleaned by putting furniture, such as chairs, in their proper place.



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.



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



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



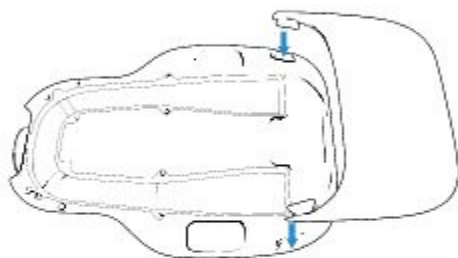
Please do not stand in narrow spaces, such as hallways, and make sure not to block the Detection Sensor.

3. Operating and Programming/3.2 Quick Start

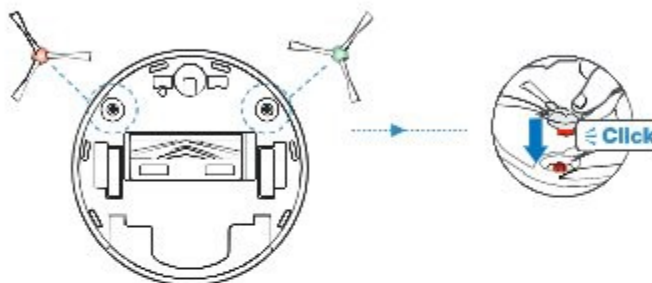
Please remove all protection materials on Robot and Docking Station before use.

* For carpet use only

When Auto-Empty Station is placed on a carpet, install the Ramp Extension to the station for DEEBOT to return to charge successfully.

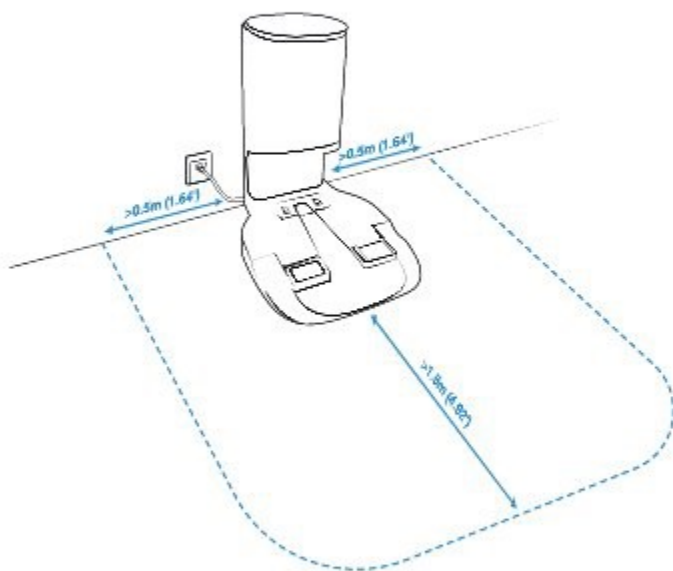


Install Side Brushes



3. Operating and Programming/ 3.3 Charging DEEBOT

1 Auto-Empty Station Placement



2 Power ON

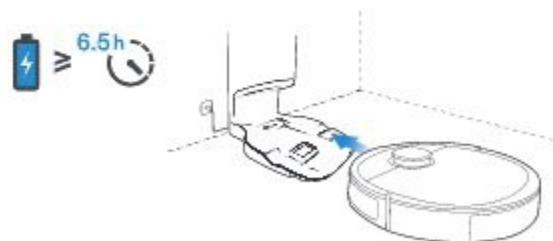


Note: **I** = ON, **O** = OFF.

! DEEBOT cannot be charged when being powered OFF.

3 Charge DEEBOT

 flashes when DEEBOT is charging.  goes out when DEEBOT is fully charged.



* Before charging DEEBOT, make sure to install the Air Freshener.

3. Operating and Programming/3.4 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

Tips:

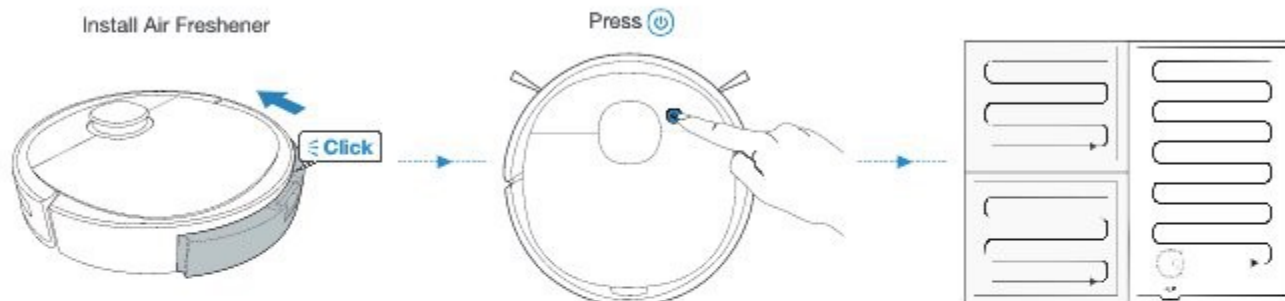
If you have any problems during the Wi-Fi setup process, refer to the Troubleshooting > Wi-Fi Connection section in this manual.

3. Operating and Programming/3.5 Operating DEEBOT

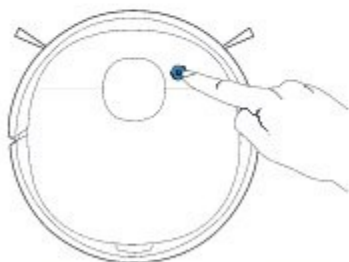
During the first cleaning,

1. Please make sure to install Air Freshener to create a home map in ECOVACS HOME App.
2. Please supervise DEEBOT and assist it should there be a problem.

1 Start

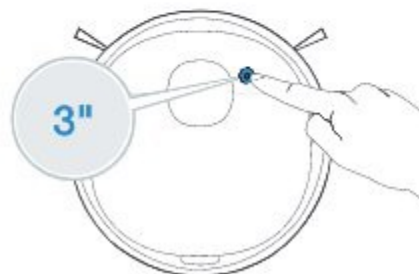


2 Pause



3 Return to Charge

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



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

3. Operating and Programming/3.6 OZMO Pro Oscillating System

Note:

1. Install OZMO Pro Oscillating System for floor scrubbing.
2. With electric oscillating mopping up to 480 times per minute, OZMO Pro is applicable for areas of highly concentrated dirt or dust.
3. Before installing OZMO Pro, please make sure the contacts are thoroughly dry.
4. Please avoid using OZMO Pro on the carpet.

1 Add Water

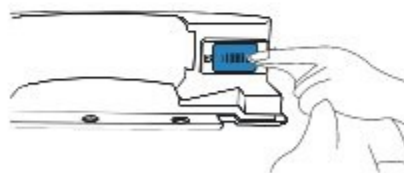


- * To prolong the service life of OZMO Pro, it is recommended to use purified water or softened water.
- * Do not soak OZMO Pro in water.

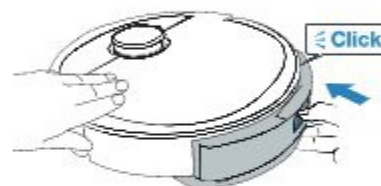
2 Attach Disposable Mopping Pad



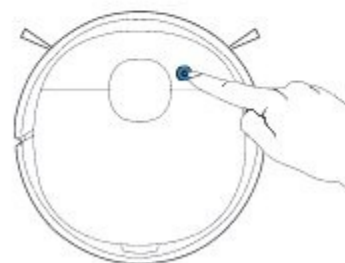
3 Dry Contacts Thoroughly



4 Install OZMO Pro

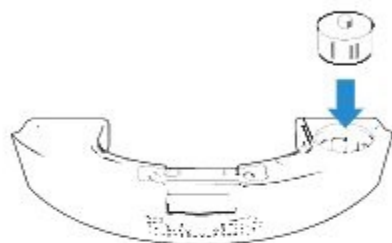


5 Start Cleaning

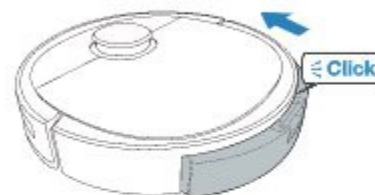


3. Operating and Programming/3.7 Air Freshener

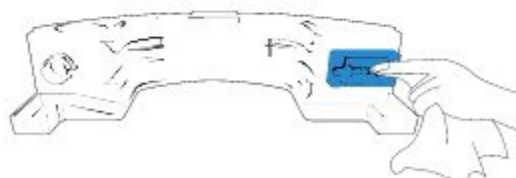
1 Install Air Freshener Capsule



3 Install Air Freshener



2 Dry Contacts Thoroughly



4 Enable Air Freshening via ECOVACS HOME App

4. Maintenance/4.1 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
Disposable Mopping Pad	After each use	Replace after each use
Side Brush	Once every 2 weeks	Every 3-6 months
Main Brush	Once per week	Every 6-12 months
Sponge Filter/ High Efficiency Filter	Once per week	Every 3-6 months
TrueDetect 3D Sensor Universal Wheel Anti-Drop Sensors Bumper Charging Contacts Docking Station Pins	Once per week	/

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

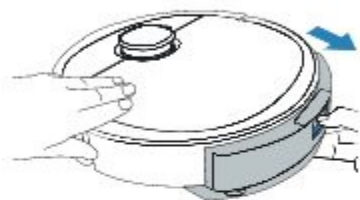
A multi-function Cleaning Tool is provided for easy maintenance. Handle with care, this cleaning tool has sharp edges.

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

4. Maintenance/4.2 OZMO Pro Oscillating System

1 Remove OZMO Pro

• After DEEBOT finishes mopping, please empty the reservoir.

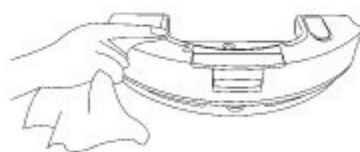


3 Disposable Mopping Pad



2 Wipe OZMO Pro Clean

• Wipe OZMO Pro Oscillating System with a clean, dry cloth. Do not soak into water.



4. Maintenance/4.3 Auto-Empty Dust Bin and Filters

Dust Bin

1



2



3

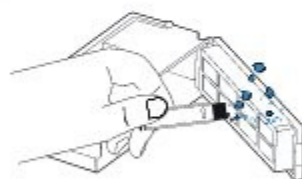


Filter

1



2



3



4

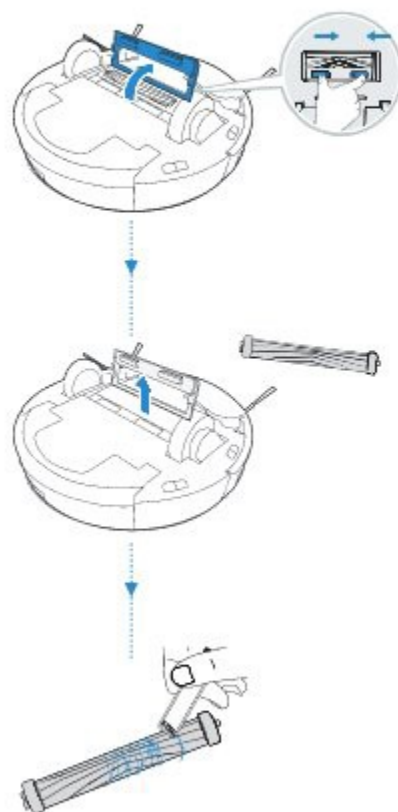


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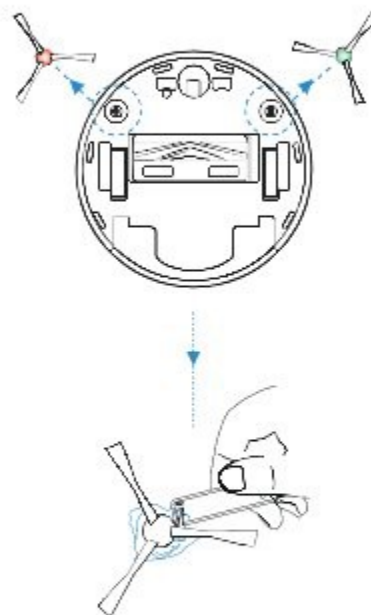


4. Maintenance/4.4 Main Brush and Side Brushes

Main Brush



Side Brushes

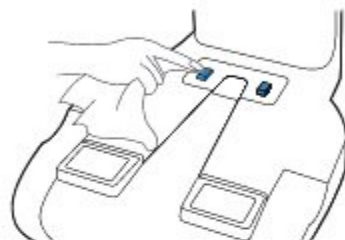


4. Maintenance/4.5 Auto-Empty Station

Note: Before performing cleaning and maintenance on Auto-Empty Station, unplug it first.

* For a proper maintenance, wipe with a clean dry cloth, and avoid using any detergent or cleaning spray.

Auto-Empty Station Pins

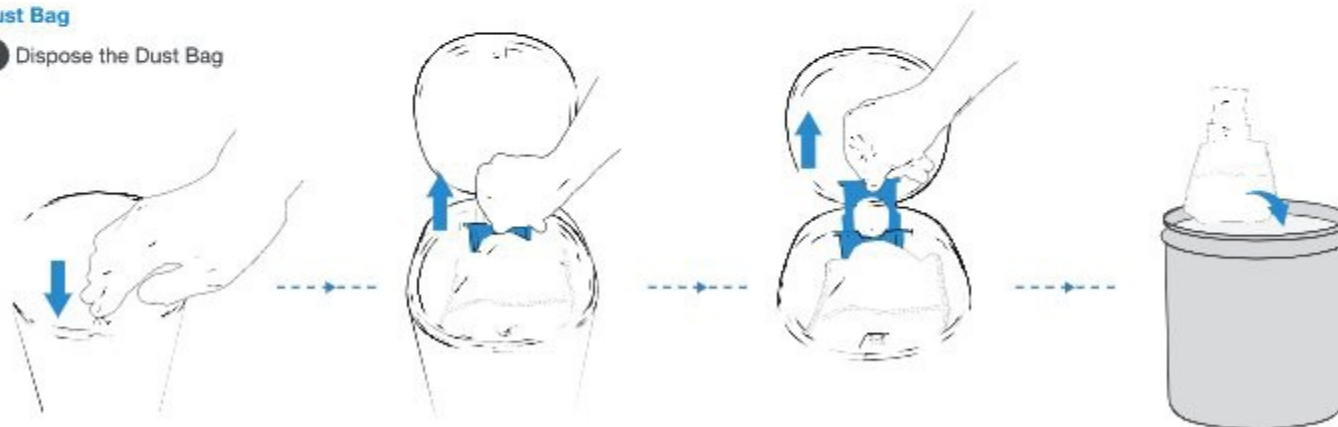


Infrared Signal Emitter



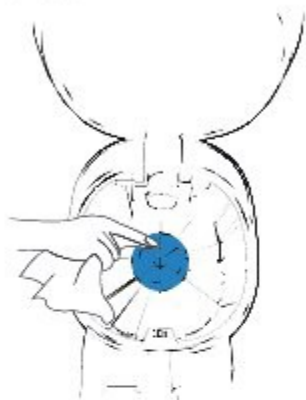
Dust Bag

1 Dispose the Dust Bag

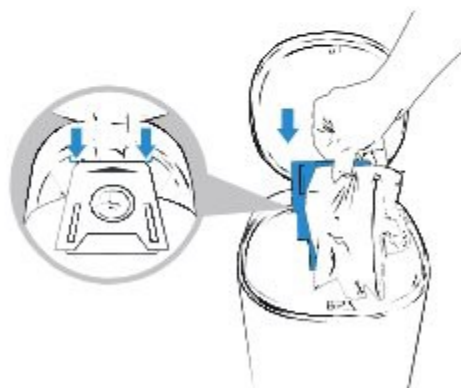


* The Dust Bag will be sealed by the handle so the dust will not leak.

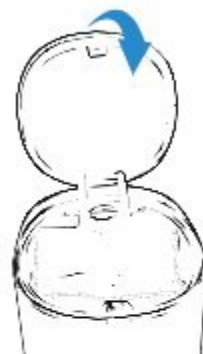
2 Clean the Blower Cover



3 Install the Dust Bag

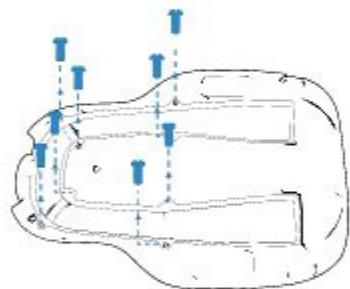


4 Close the Dust Container Lid

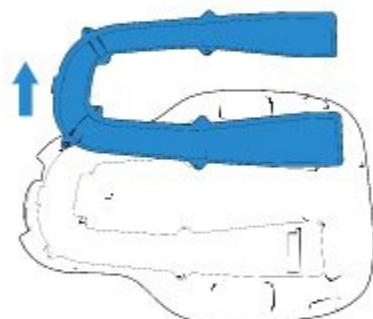


Dust Evacuation Tube

Unscrew the Dust Evacuation
Tube Cover



Uninstall the Dust Evacuation
Tube Cover



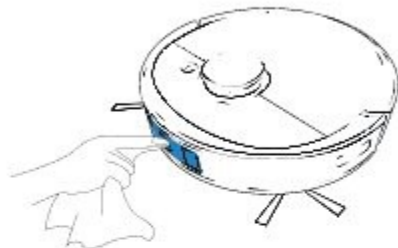
Clean the Dust Evacuation Tube



4. Maintenance/4.6 Other Components

Note: Before cleaning the robot's Charging Contacts and Docking Station Pins, turn the robot OFF and unplug the Docking Station. Wipe the components with a clean, dry cloth. Avoid using cleaning sprays or detergents.

1



2



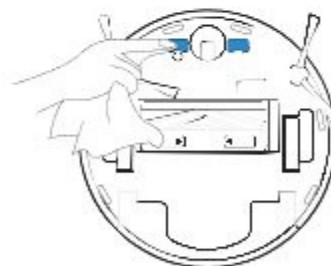
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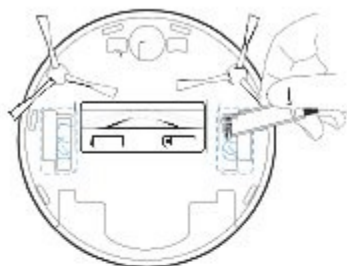
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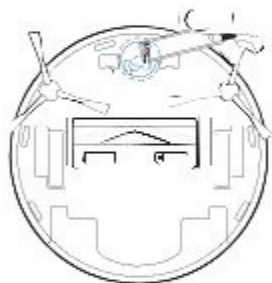
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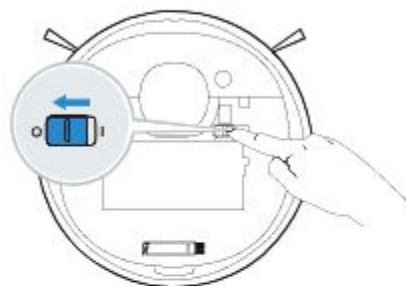


7



4. Maintenance/4.7 Storage

If DEEBOT will not be used for a while, fully charge DEEBOT and power OFF before storage. Charge DEEBOT every 1.5 month to prevent battery drain.



Note: When DEEBOT is not cleaning, it is recommended to keep DEEBOT powered ON and charging.

5. Indicator Light

DEEBOT

DEEBOT will tell you something is wrong with an indicator light and voice report. More detailed support is available through the ECOVACS HOME and online website.

Indicator Light	Scenario
AUTO Mode Button glows a solid WHITE.	The robot is cleaning.
	The robot is paused while cleaning.
AUTO Mode Button flashes WHITE.	The robot is charging.
	The robot is starting.
	The robot is relocating.
AUTO Mode Button glows a solid RED.	The robot has low battery.
AUTO Mode Button flashes RED.	The robot has a problem.

Auto-Empty Station

The light effect of the Status Indicator on Auto-Empty Station corresponds to different conditions and solutions. For more support, please refer to ECOVACS HOME App or the Troubleshooting Section of this manual.

Light Effect	Status	Solutions
Indicator light off	The Auto-Empty Station is in standby.	/
	DEEBOT is in Do Not Disturb Mode.	/
Glowing a solid WHITE	DEEBOT returns to the Auto-Empty Station and starts to Auto-Empty.	/
	DEEBOT is Auto-Emptying.	/
	The Auto-Empty Station's suction power decreased.	Please check the Dust Bag.
Glowing a solid RED	The Dust Bag is not installed.	Please install the Dust Bag.
	The Auto-Empty Station failed to Auto-Empty the dust.	Please check the solution in the App.
	The Dust Container Lid is not closed.	Please make sure the Dust Container Lid is firmly closed.

6. Troubleshooting/6.1 Troubleshooting

No.	Problem	Possible Causes	Solutions
1	DEEBOT is not charging.	DEEBOT is not switched ON.	Switch ON DEEBOT.
		DEEBOT has not connected to the Auto-Empty Station.	Be sure that the robot's Charging Contacts have connected to the Auto-Empty Station Pins.
		The Auto-Empty Station is not connected to the power supply.	Make sure the Auto-Empty Station is connected to the power supply.
		The battery is completely discharged.	Please contact Customer Care for help.
2	DEEBOT cannot return to the Auto-Empty Station.	The Auto-Empty Station is not correctly placed.	Refer to section 3.3 to correctly place the Auto-Empty Station.
		The Auto-Empty Station is not correctly connected.	Make sure the Auto-Empty Station is correctly connected.
		The Auto-Empty Station is manually moved during the cleaning.	It is suggested not to move the Auto-Empty Station during the cleaning.
		DEEBOT is paused for more than 90 minutes.	It is suggested not to pause DEEBOT for more than 90 minutes.
		DEEBOT did not start cleaning from the Auto-Empty Station.	Make sure DEEBOT starts cleaning from the Auto-Empty Station.
3	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.

No.	Malfunction	Possible Causes	Solutions
4	DEEBOT returns to the Auto-Empty Station before it has finished cleaning.	Working time varies according to floor surface, room complexity and the Cleaning Mode selected. When the battery gets low, DEEBOT automatically switches to Recharge Mode and returns to the Auto-Empty Station to recharge itself.	Turn on Continuous Cleaning function in ECOVACS HOME App. DEEBOT will automatically resume the uncompleted cleaning cycle when Continuous Cleaning is enabled.
		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.
		The Auto-Empty Station is too distant from the center of the house.	Please place the Auto-Empty Station against the wall of a central room of the house.
5	DEEBOT does not clean automatically at the scheduled time.	Time Scheduling function is cancelled.	Program DEEBOT to clean at specific times using the ECOVACS HOME App.
		DEEBOT is switched OFF.	Switch ON DEEBOT.
		The robot's battery is low.	Keep DEEBOT switched ON and connected to the Auto-Empty Station to make sure it has a full battery to work at any time.
6	The water is not coming out of the Reservoir when DEEBOT is mopping.	The water inlet filter on the bottom of Reservoir is clogged.	Unscrew the water inlet on the bottom of Reservoir and clean the filter as described in Section 4.1.
		The Reservoir runs out of water.	Add water into the Reservoir.
		The water outlets on the bottom of DEEBOT are clogged.	Check the water outlets on the bottom and clean.

No.	Malfunction	Possible Causes	Solutions
7	DEEBOT misses cleaning spots to be cleaned, or repeats cleaning the area cleaned.	The cleaning cycle is interfered by small objects or barriers on the floor.	Remove power cords and small objects from the floor to ensure cleaning efficiency. DEEBOT will automatically clean the area missed, please avoid moving DEEBOT manually or block the path during the cleaning cycle.
		DEEBOT is working on slippery polished floors.	Make sure the floor wax is dried before DEEBOT starts cleaning.
		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.
		The TrueMapping Distance Sensor is blocked.	Remove the objects that are blocking the TrueMapping Distance Sensor.
8	DEEBOT is making too much noise when cleaning.	DEEBOT is tangled or blocked with debris.	Clean DEEBOT as described in section 4 Maintenance and restart. If the trouble persists, please contact Customer Care.
9	DEEBOT is not able to connect to the home Wi-Fi network.	Incorrect home Wi-Fi username or password entered.	Enter the correct home Wi-Fi username and password.
		Incorrect App installed.	Please download and install ECOVACS HOME App.
		DEEBOT is not within range of your home Wi-Fi signal.	Make sure DEEBOT is within range of your home Wi-Fi signal.
		Network setup started before DEEBOT was ready.	Turn ON Power Switch. Press the RESET Button. DEEBOT is ready for network setup when its Wi-Fi Indicator light flashes slowly.
		DEEBOT does not support 5 GHz Wi-Fi.	Make sure the robot has been connected with 2.4 GHz Wi-Fi network.
		Your smartphone's operating system needs to be updated.	Update your smartphone's operating system.

No.	Malfunction	Possible Causes	Solutions
10	DEEBOT does not clean the whole area.	The cleaning area is not tidy.	Remove small objects from the floor and tidy up the cleaning area before DEEBOT starts cleaning.
11	DEEBOT reservoir drops out of place during use.	The reservoir is not correctly installed.	Make sure DEEBOT reservoir clicks into place when installing.
12	DEEBOT Side Brushes drop out of place during use.	The Side Brushes are not correctly installed.	Make sure the Side Brushes click into place when installing.
13	DEEBOT does not start auto-emptying after returning to the Auto-Empty Station.	The Dust Container Lid is not closed.	Close the Dust Container Lid.
		The Dust Bag is not installed to the Auto-Empty Station.	Install the Dust Bag and close the Dust Container Lid.
		Manually move DEEBOT to the Auto-Empty Station will not trigger Auto-Emptying.	In order to make sure DEEBOT starts auto-emptying successfully, avoid picking up and moving the Auto-Empty Station during the cleaning.
		DEEBOT returns to the Auto-Emptying Station running Video Manager in the App.	This is normal.
		Do Not Disturb mode is enabled in ECOVACS HOME App.	This is normal. Disable Do Not Disturb mode in the App, or start auto-emptying manually.
		The Dust Bag is full.	Replace the Dust Bag and close the Dust Container Lid.
		If the possible causes are excluded, it might be a component malfunction.	Please contact customer service.

No.	Malfunction	Possible Causes	Solutions
14	DEEBOT fails to auto-empty the Dust Bin.	The Auto-Empty Dust Bin is not installed.	Please install the Auto-Empty Dust Bin with two Auto-Empty Outlets on the bottom.
		The Dust Bag is full.	Replace the Dust Bag and close the Dust Container Lid.
		The Auto-Empty Outlets on the Auto-Empty Dust Bin is stuck by debris.	Uninstall the Auto-Empty Dust Bin and clean the debris on the Auto-Empty Outlets.
		Dust Evacuation Tube is blocked.	Clean the Dust Evacuation Tube.
15	There is debris in the Dust Container.	Fine particles are absorbed inside the Dust Container through the Dust Bag.	Clean the Dust Container Lid and inner wall.
		The Dust Bag is damaged.	Check the Dust Bag and replace it.
16	DEEBOT leaks dust or debris while cleaning.	The Auto-Empty Outlets are stuck by debris.	Uninstall the Auto-Empty Dust Bin and clear the debris.
17	The Base is dirty.	Main Brush has debris on it and requires cleaning.	Clean the Main Brush.
18	There is no fragrance when using Air Freshener.	Fan malfunction.	Wipe the contacts and make sure Air Freshener is in contact.
		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 .
19	Air Freshener makes an abnormal noise.	Objects have fallen into the Air Freshener.	Please contact Customer Service for assistance.

6. Troubleshooting/6.2 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.

7. Technical Specifications

Model	DLX13			
Rated Input	20V === 1A			
Docking Station Model	CH1918		CH1822 (Sold Separately)	
	Rated Input	120V ~ 50-60Hz 8A	Rated Input	100-240V ~ 50-60Hz 0.5A
	Rated Output (Charging)	20V === 1A	Rated Output	20V === 1A

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

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