



# DEEBOT<sup>TM</sup> OZMO 900

## Instruction Manual

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Congratulations on the purchase of your ECOVACS ROBOTICS DEEBOT! We hope it brings you many years of satisfaction. We believe that your new robot will help keep your home clean and give you more quality time to do other things.

Live Smart. Enjoy Life.

Should you encounter situations that have not been properly addressed in this Instruction Manual, please contact our Customer Service Center where a technician will be able to help you with your specific problem or question.

For more information, please visit the ECOVACS ROBOTICS official website: **[www.ecovacs.com](http://www.ecovacs.com)**

The company reserves the right to make technological and/or design changes to this product for continuous improvement.

***Thank you for choosing DEEBOT!***

# Contents

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1. Important Safety Instructions.....	4
2. Package Contents .....	6
3. Operating and Programming.....	9
4. Maintenance.....	16
5. Troubleshooting .....	21
6. Technical Specifications.....	24

# 1. 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 is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the Appliance by a person responsible for their safety.
2. Children should be supervised to ensure that they do not play with the Appliance.
3. 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.
4. 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.
5. Only use as described in this manual. Only use attachments recommended or sold by the manufacturer.
6. Please make sure your power supply source voltage matches the power voltage marked on the Docking Station.
7. For INDOOR household use ONLY. Do not use the Appliance in outdoor, commercial or industrial environments.
8. Use only the original rechargeable battery and Docking Station provided with the Appliance from the manufacturer. Non-rechargeable batteries are prohibited. For battery information, please refer to Specifications section.
9. Do not use without dust bin and/or filters in place.
10. Do not operate the Appliance in an area where there are lit candles or fragile objects.
11. Do not use in extremely hot or cold environments (below -5°C/23°F or above 40°C/104°F).
12. Keep hair, loose clothing, fingers, and all parts of body away from any openings and moving parts.
13. Do not operate the Appliance in a room where an infant or child is sleeping.
14. Do not use Appliance on wet surfaces or surfaces with standing water.
15. Do not allow the Appliance to pick up large objects like stones, large pieces of paper or any item that may clog the Appliance.
16. 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.
17. 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.
18. 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.
19. 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.





# 1. Important Safety Instructions

20. If the power cord is damaged, it must be replaced by the manufacturer or its service agent in order to avoid a hazard.
21. 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.
22. 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.
23. Turn OFF the power switch before cleaning or maintaining the Appliance.
24. The plug must be removed from the receptacle before cleaning or maintaining the Docking Station.
25. 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.
26. The battery must be removed and discarded according to local laws and regulations before disposal of the Appliance.
27. Please dispose of used batteries according to local laws and regulations.
28. Do not incinerate the Appliance even if it is severely damaged. The batteries can explode in a fire.
29. When not using the Docking Station for a long period of time, please unplug it.
30. 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.
31. The robot contains batteries that are only replaceable by skilled persons. To replace the robot's battery, please contact Customer Service.

32. If the robot will not be used for a long time, power OFF the robot for storage and unplug the Docking Station.
33. **WARNING:** For the purposes of recharging the battery, only use the detachable supply unit CH1630A provided with the Appliance.

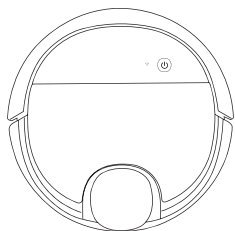
To satisfy RF exposure requirements, a separation distance of 20 cm or more should be maintained between this device and persons during device operation.

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.

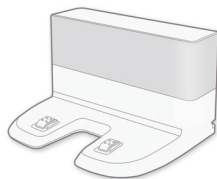
	<b>Class II</b>
	<b>Short-circuit-proof safety isolating transformer</b>
	<b>Switch mode power supply</b>
	<b>For indoor use only</b>

## 2. Package Contents

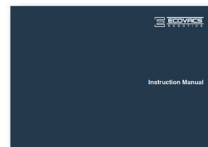
### 2.1 Package Contents



Robot



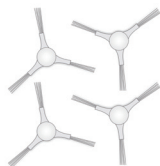
Docking Station



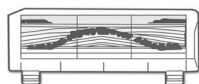
Instruction Manual



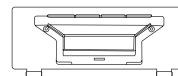
Quick Start Guide



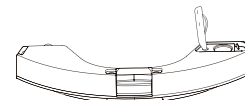
(4) Side Brushes



Main Brush Option  
(Pre-installed)



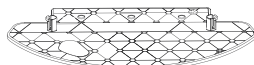
Direct Suction Option



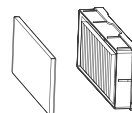
Reservoir



(2) Washable/Reusable  
Microfiber Cleaning Cloths



Cleaning Cloth Plate



Sponge Filter and High  
Efficiency Filter



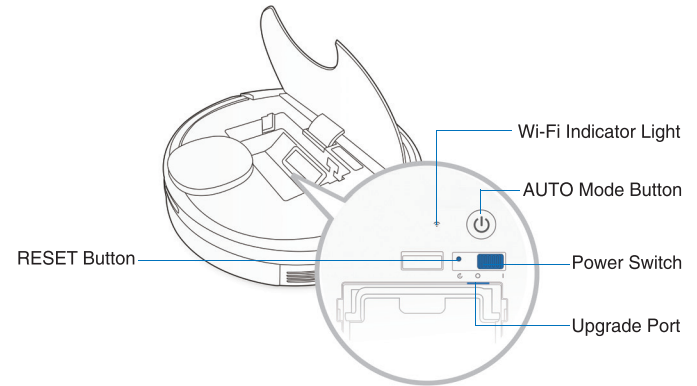
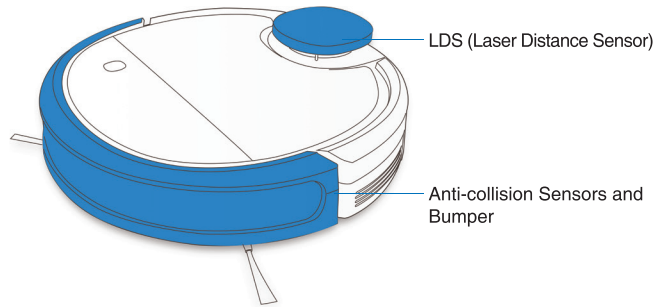
Multi-function Cleaning  
Tool

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

## 2. Package Contents

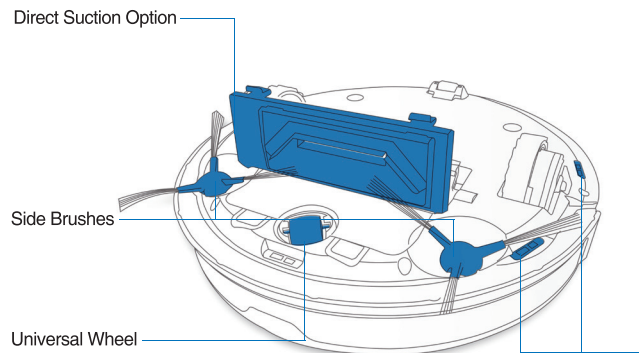
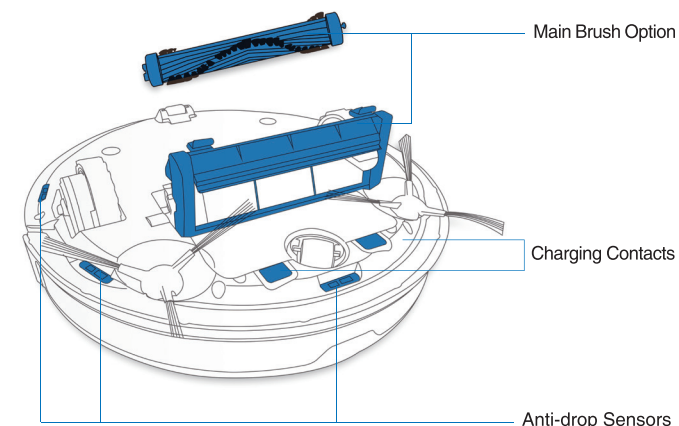
### 2.2 Product Diagram

#### Robot

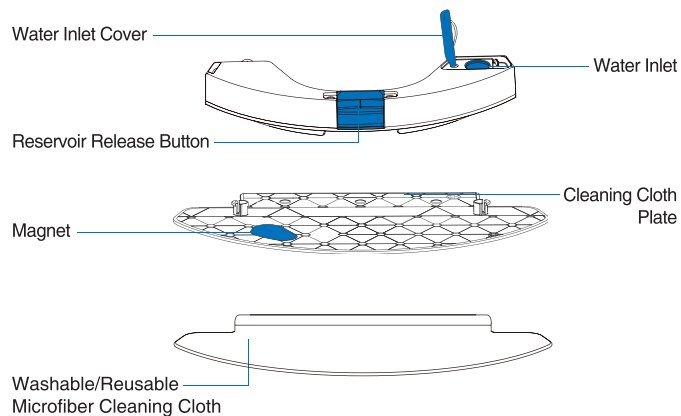


## 2. Package Contents

### Bottom View



### Reservoir

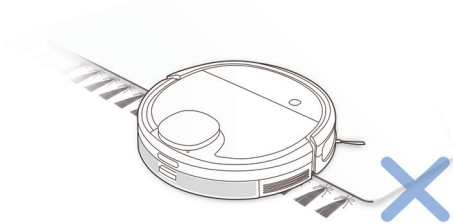




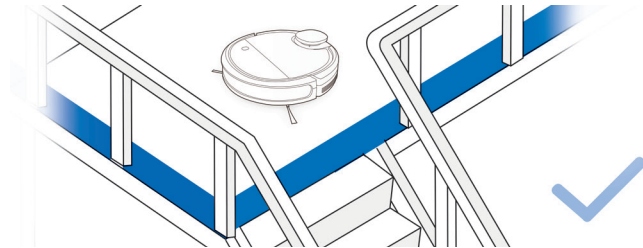
## 3. Operating and Programming

### 3.1 Notes Before Cleaning

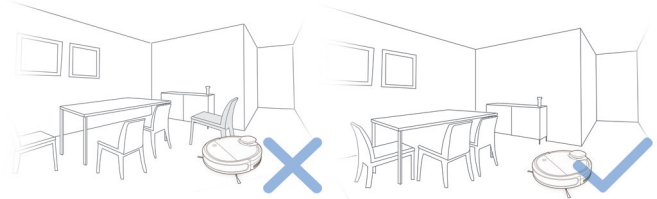
**WARNING:** Do not use DEEBOT on wet surfaces or surfaces with standing water.



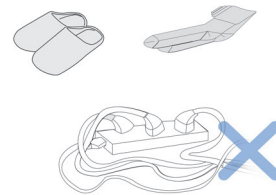
Before using the product on a rug with tasseled edges, please fold the rug edges under.



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



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

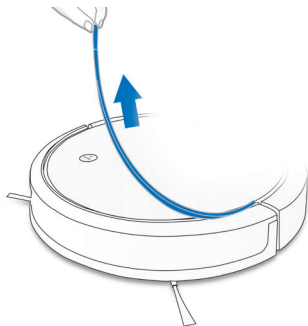


Remove power cords and small objects from the floor that the robot could be obstructed by.

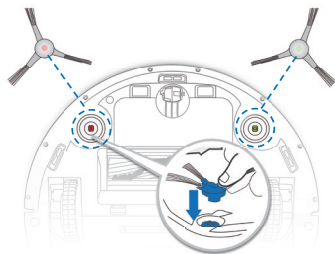
## 3. Operating and Programming

### 3.2 Quick Start

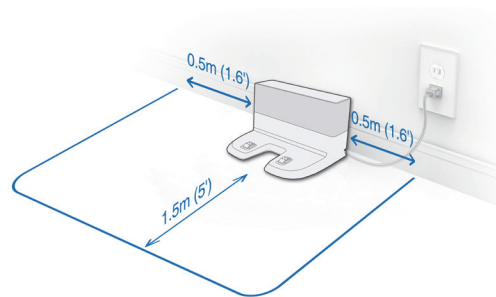
#### 1 Remove Protective Strip



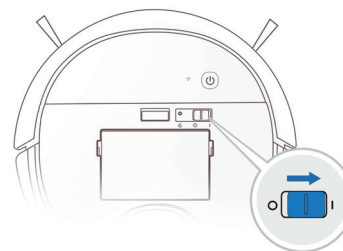
#### 3 Install Side Brushes



#### 2 Docking Station Placement

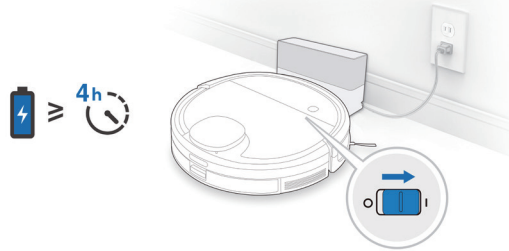


#### 4 Power ON



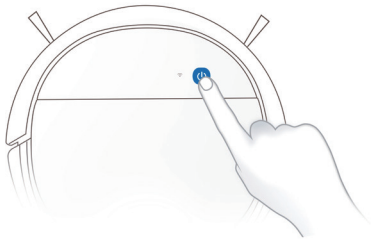
## 3. Operating and Programming

### 5 Charge DEEBOT



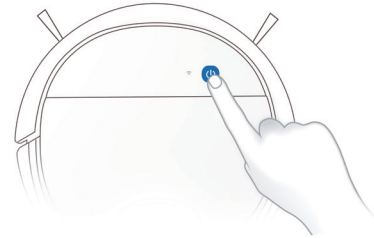
**Note:** When DEEBOT completes the cleaning cycle or when the battery gets low, DEEBOT automatically returns to the Docking Station to recharge itself. DEEBOT can also be sent back to the Docking Station at any time by using the ECOVACS App or by pressing the AUTO Button on the robot for 3 seconds.

### 7 Pause

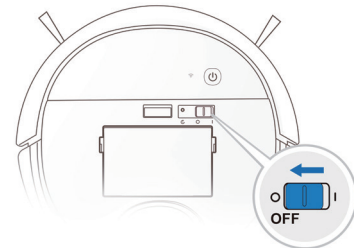


**Note:** The robot's Control Panel stops glowing after the robot is paused for a few minutes. Press the AUTO Mode Button on DEEBOT to wake up the robot.

### 6 Start



### 8 Power OFF



**Note:** When DEEBOT is not working, it is recommended to keep it switched ON and charging.

### 3. Operating and Programming

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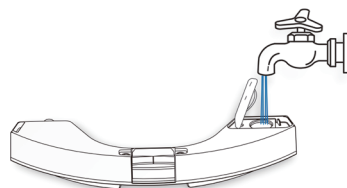
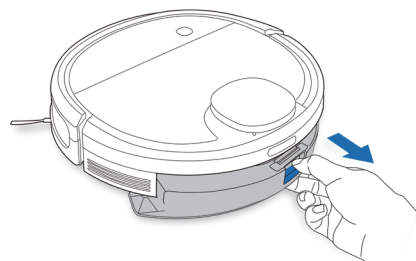
**Note:** For models with App-connectivity, various functions can be performed using the ECOVACS App.



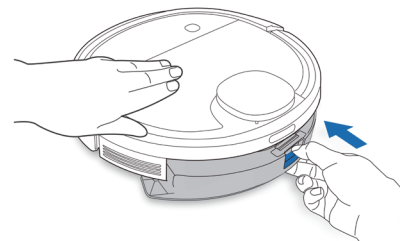
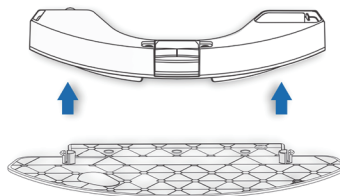
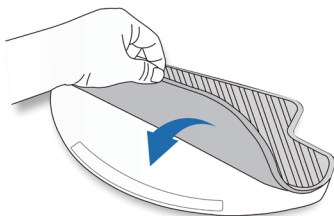
## 3. Operating and Programming

### 3.3 OZMO Mopping System

1

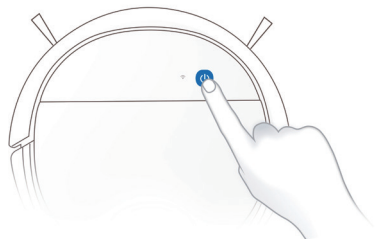


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## 3. Operating and Programming

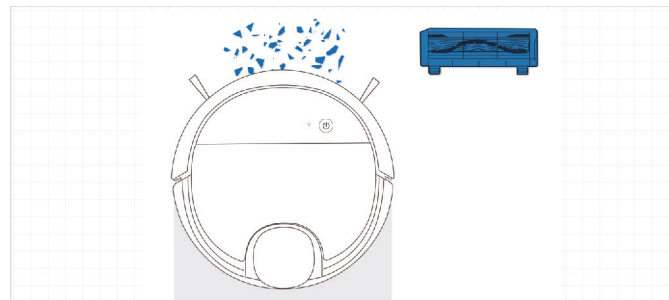
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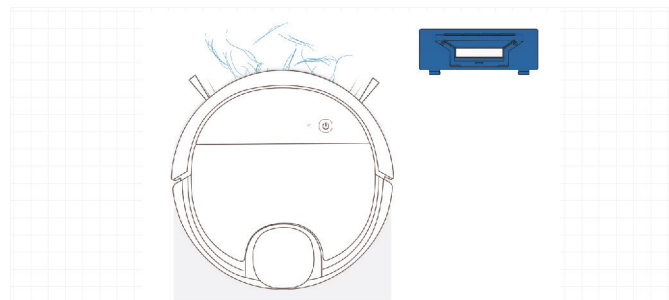
**Note:** Always keep the Reservoir installed when the robot is cleaning or charging.

### 3.4 Choosing a Suction Option

**Main Brush Option:** The best choice for deep cleaning, with a combination of the Main Brush and strong suction.



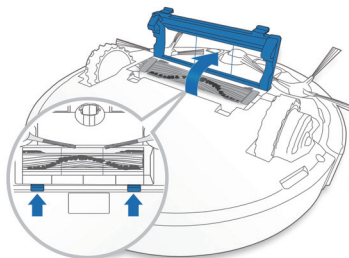
**Direct Suction Option:** The best choice for daily cleaning. This Suction Option is specifically designed to pick up hair without getting clogged by it, and is ideal for pet owners.



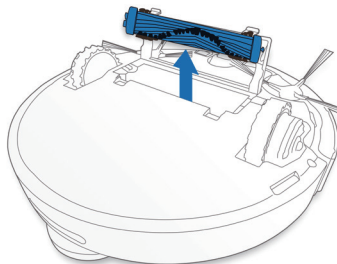
### 3. Operating and Programming

#### Install the Direct Suction Option

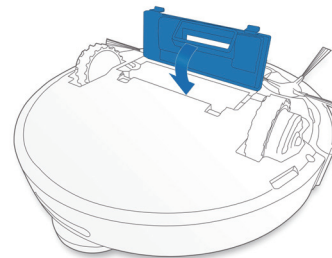
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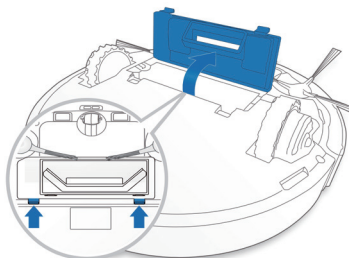


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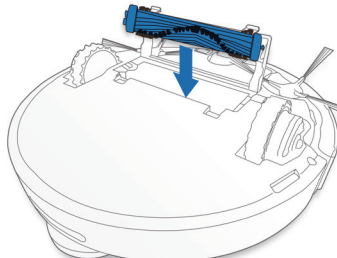


#### Install the Main Brush Option

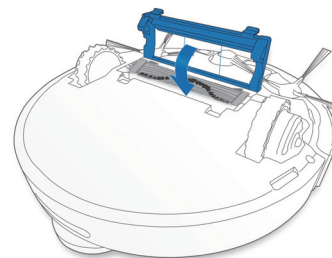
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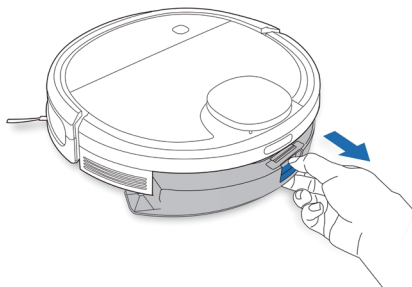


## 4. Maintenance

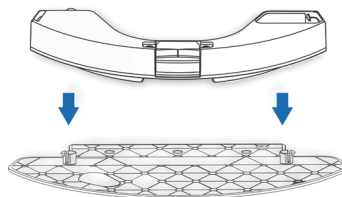
Before performing cleaning and maintenance tasks on DEEBOT, turn the robot OFF and unplug the Docking Station.

### 4.1 OZMO Mopping System

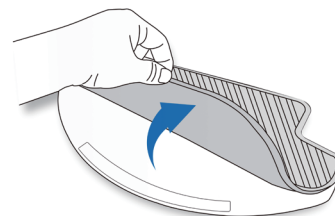
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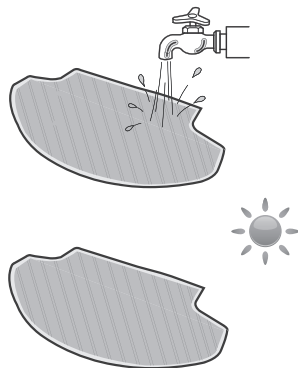
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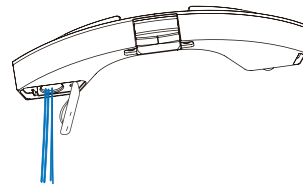
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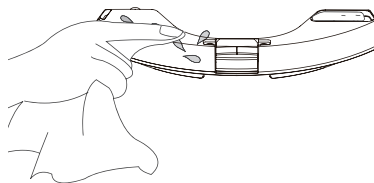
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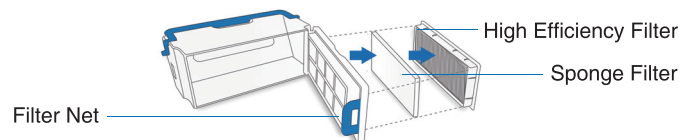
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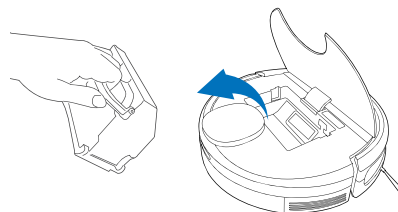


### 4.2 Dust Bin and Filters

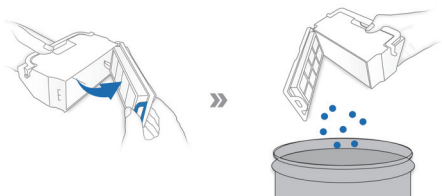
#### Dust Bin



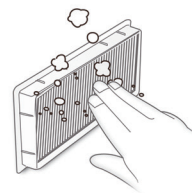
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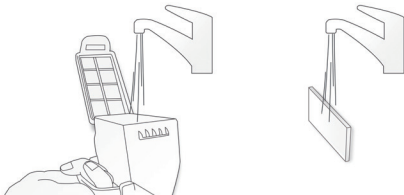
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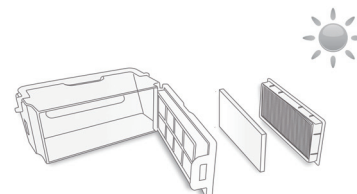
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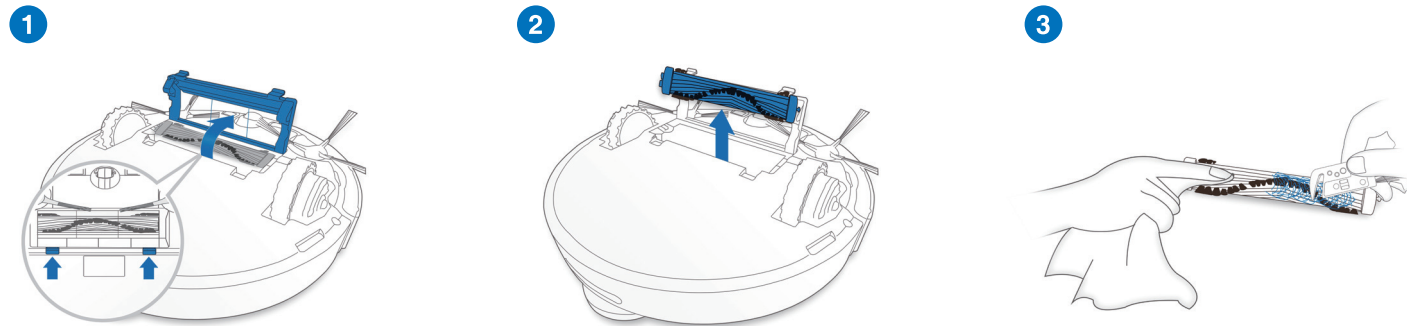


## 4. Maintenance

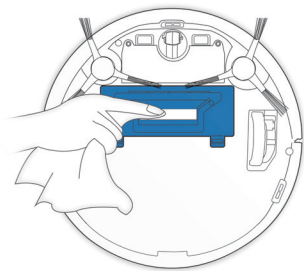
### 4.3 Main Brush, Direct Suction Option and Side Brushes

**Note:** A Multi-Function Cleaning Tool is provided for easy maintenance. Handle with care, this cleaning tool has sharp edges.

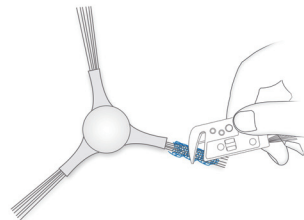
#### Main Brush



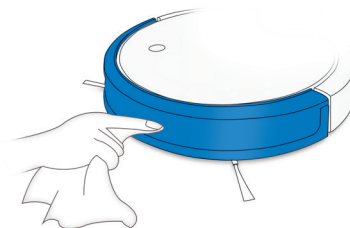
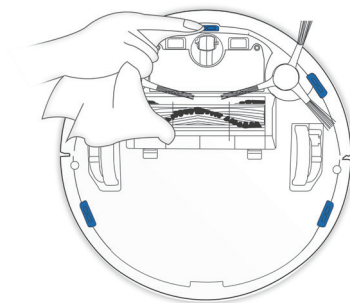
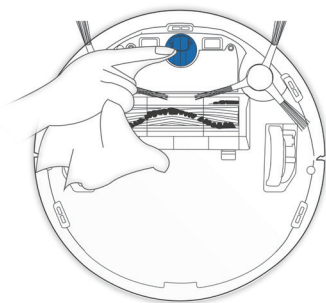
#### Direct Suction Option



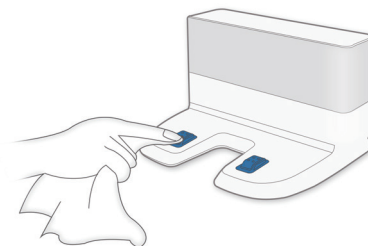
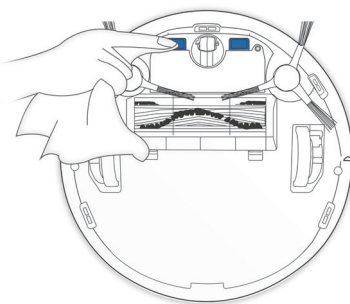
#### Side Brushes



### 4.4 Other Components



**Note:** Before cleaning the robot's Charging Contacts and Docking Station Pins, turn the robot OFF and unplug the Docking Station.



# 4. Maintenance

## 4.5 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
Cleaning Cloth	After each use	Every 50 washings
Reservoir/Cleaning Cloth Plate	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
Universal Wheel Anti-Drop Sensors Bumper Charging Contacts Docking Station Pins	Once per week	/

**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.

## 5. Troubleshooting

No.	Malfunction	Possible Causes	Solutions
1	DEEBOT is not charging.	DEEBOT is not switched ON.	Switch ON DEEBOT.
		DEEBOT has not connected to the Docking Station.	Be sure that the robot's Charging Contacts have connected to the Docking Station Pins.
		The battery is completely discharged.	Re-activate the battery. Switch ON. Place DEEBOT on the Docking Station by hand, remove after charging for 3 minutes, repeat 3 times; then charge normally.
2	DEEBOT cannot return to the Docking Station.	The Docking Station is not correctly placed.	Refer to Section 3.2 to correctly place the Docking 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.
4	DEEBOT returns to the Docking Station before it has finished cleaning.	When the battery gets low, DEEBOT automatically switches to Return to Charger Mode and returns to the Docking Station to recharge itself.	This is normal. No solution necessary.
		Working time varies according to floor surface, room complexity and the Cleaning Mode selected.	This is normal. No solution necessary.

## 5. Troubleshooting

No.	Malfunction	Possible Causes	Solutions
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 App.
		The Continuous Cleaning function is turned ON and DEEBOT has just finished cleaning the scheduled cleaning area.	This is normal. No solution necessary.
		DEEBOT is switched OFF.	Switch ON DEEBOT.
		The robot's battery is low.	Keep DEEBOT switched ON and connected to the Docking Station to make sure it has a full battery to work at any time.
		The robot's Suction Intake is blocked and/or there is debris stuck in its components.	Power OFF DEEBOT, clean the Dust Bin and invert the robot. Clean the robot's Suction Intake, Side Brushes and the Main Brush as described in Section 4.
6	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.

## 5. Troubleshooting

No.	Malfunction	Possible Causes	Solutions
7	DEEBOT misses cleaning spots to be cleaned, or repeats cleaning the area cleaned.	DEEBOT automatically cleans the area missed.	This is normal. No solution necessary.
8	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.
		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 using a needle for 3 seconds. DEEBOT is ready for network setup when it plays a musical tune and its Wi-Fi Indicator light flashes slowly.
		Your smartphone's operating system needs to be updated.	Update your smartphone's operating system. The ECOVACS App runs on iOS 9.0 and above, Android 4.0 and above.

## 6. Technical Specifications

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Model	DN5G		
Rated Input	20V $\overline{=}$ , 0.8 A		
Docking Station Model	CH1630A		
Input	100-240 V~ , 50-60 Hz, 25 W	Output	20 V $\overline{=}$ , 0.8 A
Frequency Bands	2400MHz~2483.5MHz		

**Note:** Technical and design specifications may be changed for continuous product improvement.  
Output power of the WIFI module is less than 100mW.









## **Manufacturer**

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