



Roborock Auto-Empty Dock User Manual

Read this user manual carefully before using this product and store it properly for future reference.

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Safety Information

Restrictions

- This product is designed for indoor use only, do not use it outdoors (such as on an open-ended terrace), on any surface other than the ground (such as a sofa), or in any commercial or industrial environment.
- The product must be switched off and the plug must be removed from socket outlet before cleaning or maintaining the product.
- Do not place any object near the suction inlet of the dock.
- Do not put fingers into the seam of the dock to avoid possible injury.
- Do not operate the product in a room where an infant or child is sleeping.
- Do not carry the product using the dustbin handle or filter cover.
- Make sure the robot is compatible with the dock, otherwise emptying or charging may fail.
- Do not use the product to clean hard or sharp objects (such as decoration wastes, glass and nails).
- This product 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

Safety Information

- product by a person responsible for their safety (CB).
- This product 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 product in a safe way and understand the hazards involved. Children shall not play with the product. Cleaning and user maintenance shall not be made by children without supervision (EU).
 - Children should be supervised to ensure that they do not play with the appliance.
 - Do not use the dock to pick up stones, paper scraps, or other objects that may block the air duct. If the air duct gets blocked, clean it immediately.
 - Do not use the product when the ambient temperature is higher than 40°C (104°F), lower than 4°C (39°F).
 - Place the dock on a flat floor away from fire, heat, and water. Avoid narrow spaces or locations where the robot may be suspended in air.
 - Do not place any object (including children and pets) on the dock or cover it with any item (including dust-proof cover), whether it is in operation or not.
 - Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.

Safety Information

- Do not use the dock to pick up flammable or explosive objects such as fire lighter, gasoline, and toner used in printers or copiers.
- Use the product according to the manual. Any loss or damage caused from improper use will be borne by the user.

Battery and Charging

WARNING

- Do not charge non-rechargeable batteries.
- In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
- Be sure that the supply voltage meets the requirements listed on the dock.
- Only use the power cable provided with the product to prevent potential smoke, heat or fire.

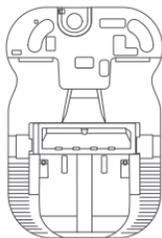
Safety Information

- Do not use the product with any type of power adapter, as this may cause danger and void the warranty.
- Do not dismantle, repair or modify the battery or charging dock.
- Do not wipe the charging contacts with wet cloth or wet hands.
- If the power cord is damaged, stop using it immediately. It must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- If the dock is placed in an area susceptible to thunderstorms or with unstable voltage, take protection measures.
- Use of the original packaging for transportation is advised.
- Unplug the power cable before placing the dock into storage.

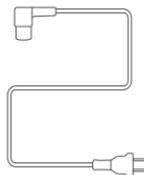
Accessories



Dock



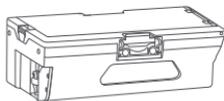
Base



Power Cable



Screwdriver



Auto-Empty Dustbin



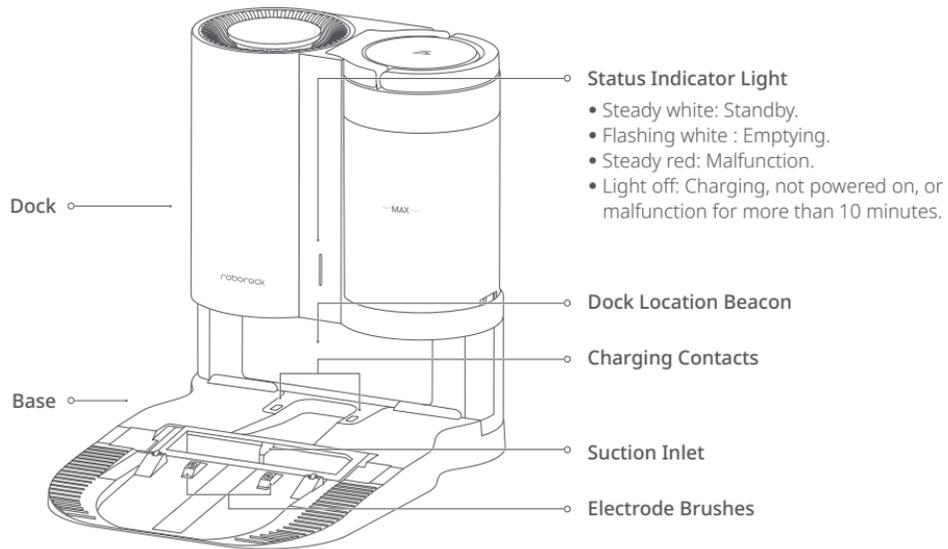
Dust Bag Holder



Disposable Dust Bag

Product Introduction

Auto-Empty Dock



Product Introduction

Auto-Empty Dock

Filter Cover



Rear HEPA Filter



Front Filter



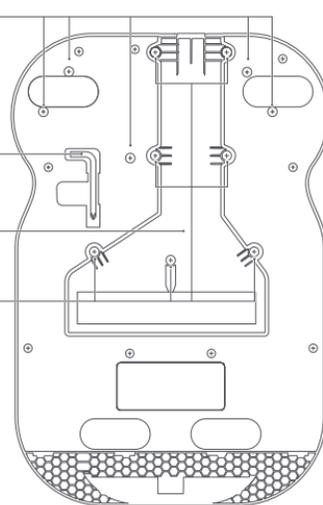
Base

Base Fastening
Screws (5)

Screwdriver

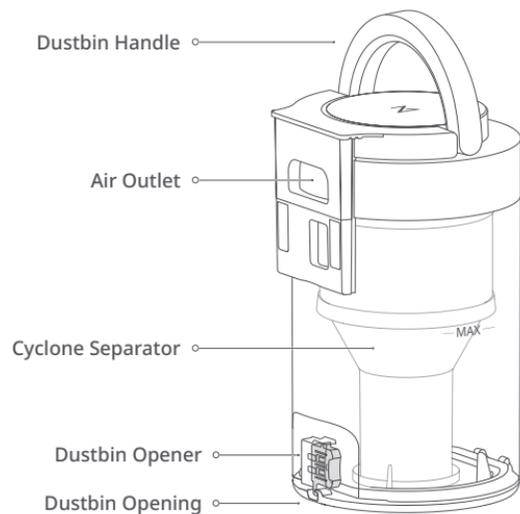
Air Duct Cover

Air Duct Cover
Screws (7)

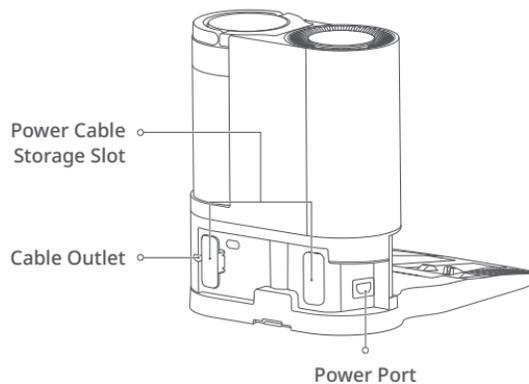


Product Introduction

Dustbin



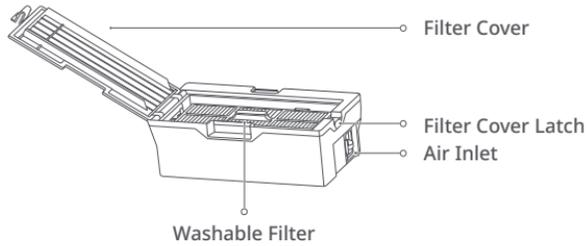
Power Cable Storage



Note: Power cable can be pulled out at both sides.

Product Introduction

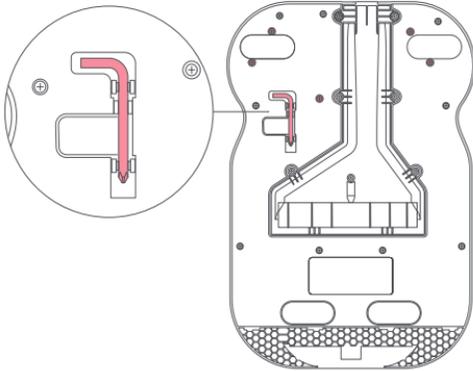
Auto-Empty Dustbin



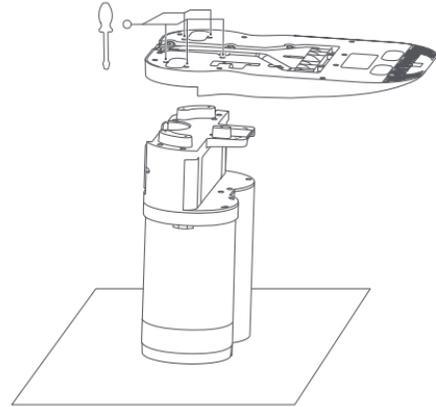
Getting Started

Assembly

1. Take the screwdriver from its storage bin at the bottom of the base.

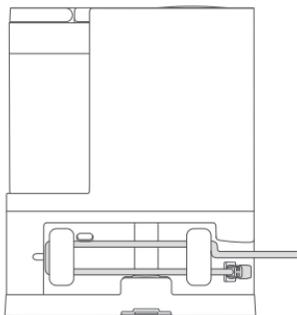


2. Place dock upside down on a soft, flat surface (carpet/towel/ cloth) and attach the base by screwing in five screws in the areas marked with a , as shown.

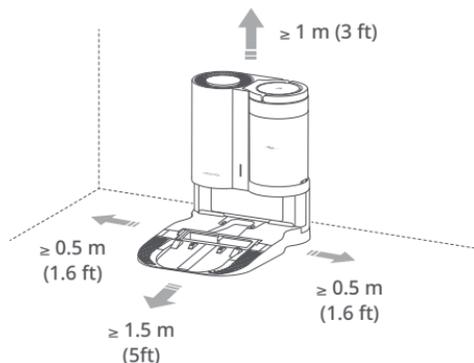


Getting Started

3. Connect the power cable to the dock, and keep excess cable inside the storage slot.



4. Place the dock on a hard and flat floor (wood/tile/concrete etc.). Keep at least 0.5 m (1.6 ft) of clearance on either side, 1.5 m (5 ft) in front, and 1 m (3 ft) above. Check the location has good WiFi then turn on.



Notes:

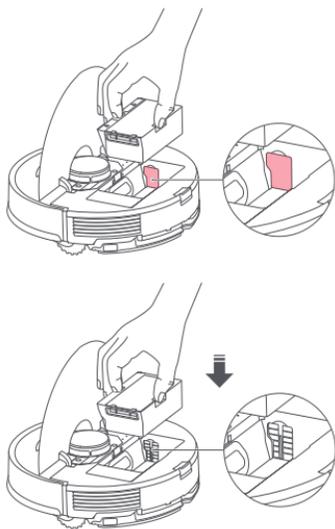
- The status indicator light turns off automatically when the robot is charging.
- The status indicator turns red if an error occurs, and turns off automatically after 10 minutes.
- Do not use without filter, dustbin, cyclone separator, or dust bag. They are already installed during production. For details on assembly and cleaning, please refer to the "Routine Maintenance" section in this manual.
- Place the dock on a flat floor away from fire, heat, and water. Avoid narrow spaces or locations where the robot may be suspended in the air.
- Placing the dock on a soft surface (carpet/mat) may cause the dock to tilt over and cause problems docking and departing.
- Keep excess power cable inside the storage slot so that the robot will not get tangled in the cables, and the dock will not be dragged away or disconnect from the power supply.
- Keep the dock away from direct sunlight or anything that may block the dock location beacon; otherwise, the robot may fail to return to the dock.
- The Auto-Empty Dock recharges and empties. Store the standard robot dock before use. Failure to do so may cause issues returning to dock.
- Maintain the dock according to the maintenance instructions. Do not clean the dock with a wet cloth.

Getting Started

Robot Dustbin Replacement

1. Only replace with the Auto-Empty Dustbin

1. Remove the original robot dustbin.
2. Remove the plate covering the air inlet in the robot.
3. Put in the auto-empty dustbin



Note: Make sure the dustbin provided with the robot has been replaced with the auto-empty dustbin or it may fail to empty automatically.

2. Auto Emptying

Auto emptying will begin when the robot returns to the auto-empty dock after cleaning.

3. Manual Emptying

Manual emptying can be performed by pressing the DOCK button when the robot is being charged on the dock.



Note: Avoid frequent manual emptying.

4. Stop Emptying

Press any button on the robot to stop emptying.

Getting Started

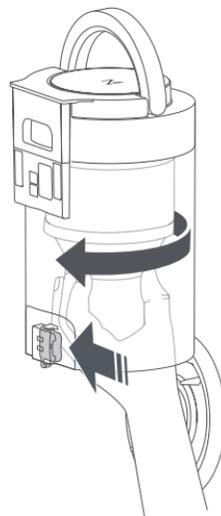
Using the Disposable Dust Bag

Note: The disposable dust bag uses a one-time seal design to effectively prevent dust from spreading outward during replacement. If you do not want to discard the dust bag, do not pull out the seal. If the seal is pulled out, it cannot be restored to the original state, which will affect the use of the dust bag.

1. Remove the dustbin vertically as indicated by the arrow.

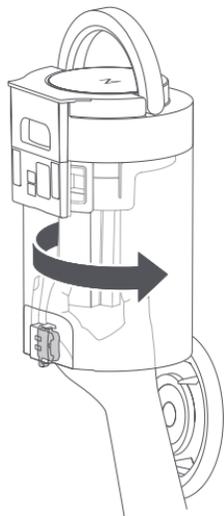


2. Press the Dustbin Opener to open the bottom lid of the dustbin. Rotate the cyclone separator as shown to remove it.

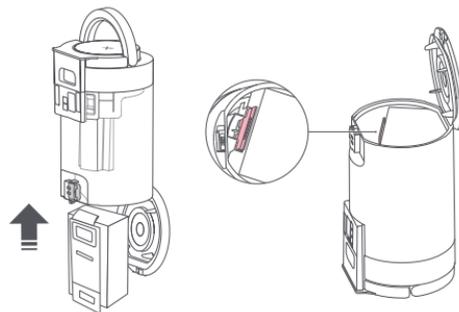


Getting Started

3. Rotate the dust holder as shown to install it until you hear it click in place.



4. Install the disposable dust bag in place along the slot.



5. Close the dustbin and place it back in the dock.



Routine Maintenance

1 Dustbin Emptying * Clean on a monthly basis

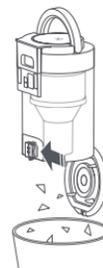
Notes:

- To ensure optimal performance, clean the dustbin regularly or when the dust reaches the MAX mark.
- After using the cyclone separator, there may be a small amount of debris such as hair or dust left in the dustbin. This is normal and will not affect performance.

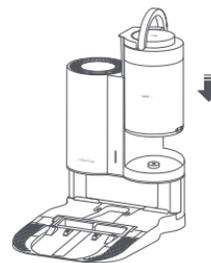
1. Remove the dustbin vertically as shown.



2. Hold the dustbin approx. 15 cm (6 in) over a bin then press the Dustbin Opener.



3. After emptying, close the bottom lid and reinstall the dustbin on the dock.



Routine Maintenance

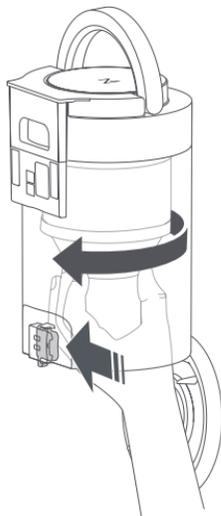
2 Dustbin & Cyclone Separator Cleaning

* Clean as needed

Notes:

- To avoid potential corrosion, do not use detergents, polishes or air fresheners to clean the dustbin or cyclone separator.
- Do not wash the dustbin or cyclone separator in a dishwasher or washing machine.

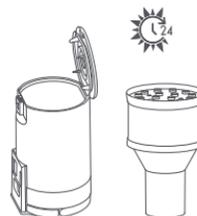
1. Empty the dustbin and remove the cyclone separator.



2. Rinse the dustbin and cyclone separator with cold water until clean.

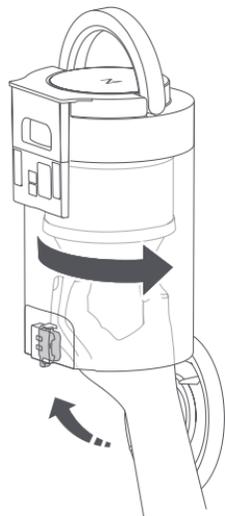


3. Leave the dustbin and cyclone separator to dry for 24 hours or until completely dry.

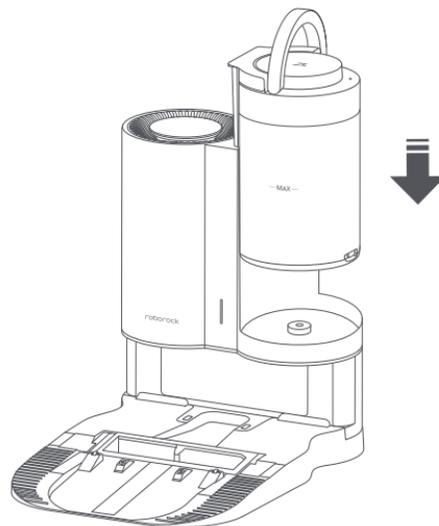


Routine Maintenance

4. Rotate the cyclone separator as shown to install it back in the dustbin and close the bottom lid.



5. Reinstall the dustbin in the dock.



Routine Maintenance

3 Filter Cleaning * Clean as needed

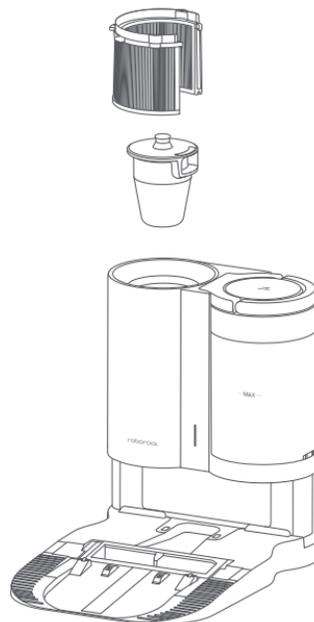
Notes:

- Do not wash the filter in a dishwasher or washing machine, or dry using a cylinder dryer, oven, microwave, hot air or fire.
- Do not touch the surface of the filter with your hands, brush, or hard objects to avoid potential damage.
- Rinse the filter element with clean water. Do not remove it from the front filter.

1. Rotate the filter cover counter-clockwise to remove it.



2. Remove the front filter and/or the rear HEPA filter as needed.

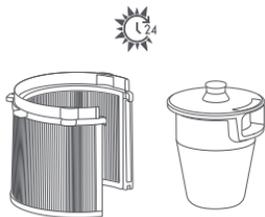


Routine Maintenance

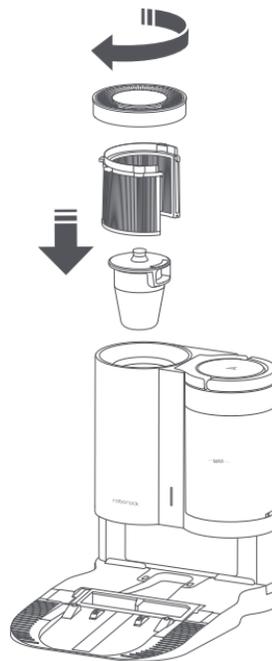
3. Rinse with cold water until clean.



4. Shake off any remaining water and leave the filter to dry for 24 hours or until completely dry.



5. Reinstall the dry filter and close the cover.



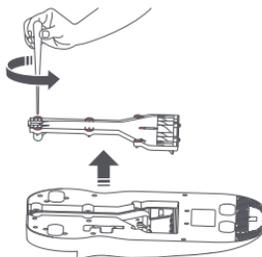
Routine Maintenance

4 Air Duct * Clean as needed

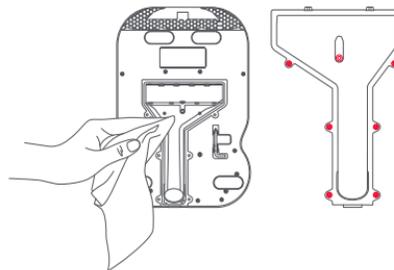
1. Clean the dust inlet with a cotton swab if it gets blocked.



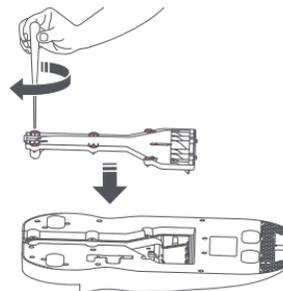
2. Unscrew the screws (7) and remove the cover.



3. Wipe the air duct and cover with a dry cloth.



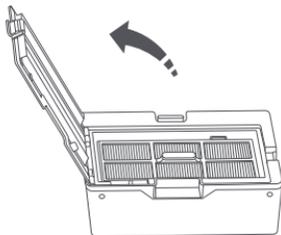
4. Re-install the cover and screw it back in place.



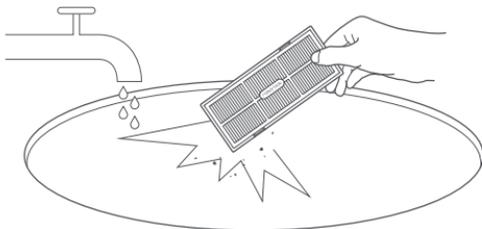
Routine Maintenance

5 Washable Filter * Clean as needed

1. Open the filter cover and remove the filter.

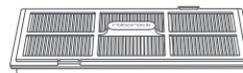


2. Rinse the filter and gently knock out dirt until clean.

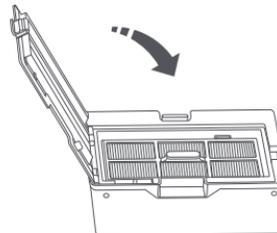


Note: Do not touch the surface of the filter with your hands, brush, or hard objects to avoid possible damage.

3. Leave the filter to dry for at least 24 hours or until completely dry.



4. Re-install the filter and close the cover.



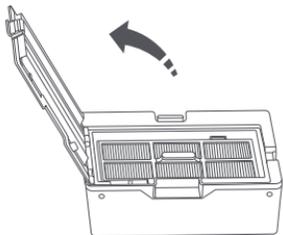
Notes:

- Make sure that the filter is completely dry before use.
- Purchase an additional filter to alternate.

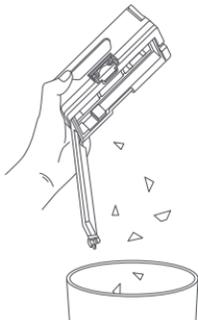
Routine Maintenance

6 Auto-Empty Dustbin Cleaning * Clean as needed

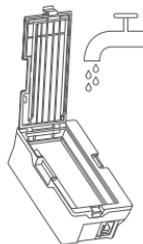
1. Open the filter cover and remove the filter.



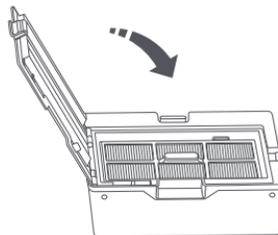
2. Throw out dust and dirt.



3. Rinse the dustbin with cold water until clean.



4. Allow the dustbin and filter to dry thoroughly, then re-install.



Routine Maintenance

7 Dust Bag Replacement * Replace as needed

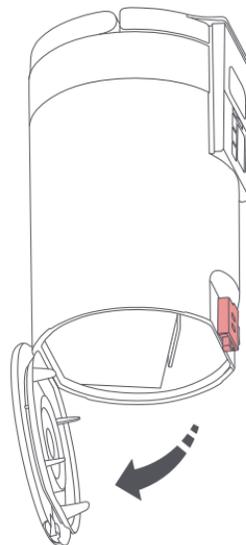
Notes:

- Replace the disposable dust bag when full.
- The disposable dust bag uses a one-time seal design to effectively prevent dust from spreading outward during replacement. If you do not want to discard the dust bag, do not pull out the seal. If the seal is pulled out, it cannot be restored to the original state, which will affect the use of the dust bag.

1. Remove the dustbin vertically as shown.

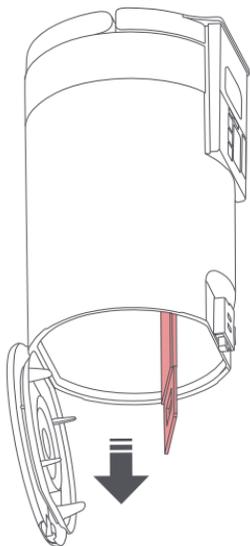


2. Press the Dustbin Opener to open the bottom lid of the dustbin.



Routine Maintenance

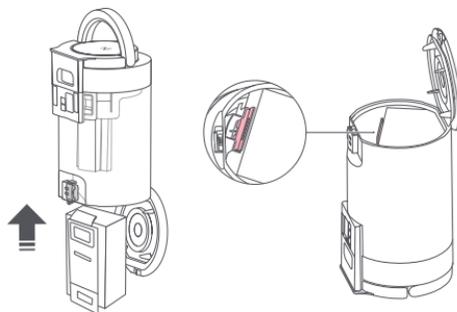
3. Pull out the bag as shown.



Note: The dust bag handle seals the bag on removal to prevent leakage.

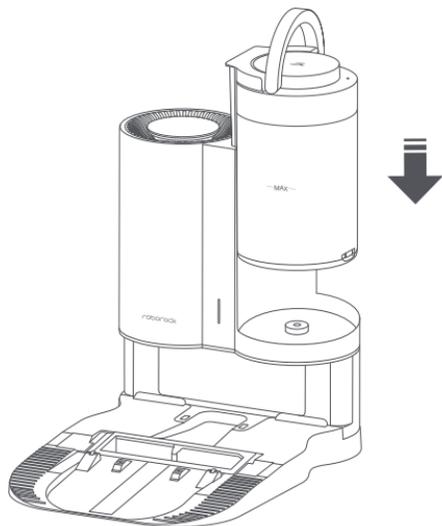
4. Discard the dust bag.

5. Replace the dust bag with a new one. Make sure it is properly installed.

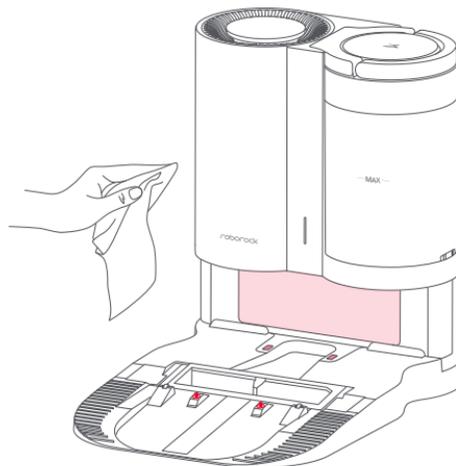


Routine Maintenance

6. Close the bottom lid of the dustbin and place it back in the dock.



8. Clean the dock location beacon, charging contacts, and electrode brushes with a dry cloth. * Clean as needed



Basic Parameters

Auto-Empty Dock	
Dimensions	457×314×383 mm
Name	Auto-Empty Dock
Model	AED01HRR, AED02HRR
Rated Input Voltage	AED01HRR, AED02HRR: 220-240VAC
Rated Frequency	50-60Hz
Rated Power (Charge)	28W
Rated Power (Dust Collection)	1000W
Rated Output	20VDC 1.2A
Charging Battery	14.4V/5200mAh lithium battery

FAQs & Troubleshooting

Operating conditions are indicated by the LED status indicator light on the dock.

Conditions	Possible Causes & Solutions
<p>The LED status indicator light is red, unusual noise when emptying, or emptying is unsatisfactory.</p>	<ol style="list-style-type: none">1. The robot dustbin has not been replaced with the auto-empty dustbin. Use the auto-empty dustbin.2. The plate in the robot covering the air vent has not been removed. Remove the plate.3. The main brush or main brush cover is not properly installed. Check and correct installation.4. The dustbin, filter, air duct, suction inlet, air inlets or dustbin are blocked. Clean to remove blockages.5. The dustbin or filter are not in place. Check and correct installation.6. The fan is not operating properly. Potentially due to overheating protection resulting from frequent starting and stopping. Unplug the power cable and try again after 30 minutes.7. Voltage error. Check that local voltage meets the requirements listed on the dock.
<p>Auto-emptying does not start when the robot returns to the dock.</p>	<ol style="list-style-type: none">1. Auto-emptying is disabled. Check in-app settings.2. Dock dustbin not installed. Check and install.3. Auto-emptying will not be triggered if the robot is moved to the dock manually. Allow the robot to return to the dock automatically or start emptying manually.4. The robot will not auto-empty after returning to dock in Do Not Disturb (DND) mode. Adjust cleaning or DND duration, or start emptying manually.5. The battery level is lower than 10%. Charge the robot until the battery reaches 10%.

FAQs & Troubleshooting

Conditions	Possible Causes & Solutions
The robot cannot return to the dock or cannot be charged.	<ol style="list-style-type: none"><li data-bbox="354 225 1290 270">1. The dock is surrounded by obstacles. Clear any obstacles around it or move it to an open area as recommended in the User Manual.<li data-bbox="354 275 1319 320">2. The dock is not connected to a power supply. Make sure the power cable is securely plugged in and power is on.<li data-bbox="354 325 848 348">3. Poor contact. Clean base and dock charging contacts.

If the problem persists after using the recommendations in the table above, please email our after-sales service team:

US/Non-Europe Support: support@roborock.com

Europe Support: support@roborock-eu.com

EU Declaration of Conformity

Hereby we:

Name of manufacturer	Beijing Roborock Technology Co., Ltd.
Address	Floor 6, Suite 6016, 6017, 6018, Building C, Kangjian Baosheng Plaza, No.8 Heiquan Road, Haidian District, Beijing, P.R.CHINA

declare that this DoC is issued under our sole responsibility and that the products:

Product description	Auto-Empty Dock and Accessories
Type(model) designation(s)	Auto-Empty Dock , model: AED01HRR, AED02HRR

EU Declaration of Conformity

are in conformity and verified through testing with the provision of the following EU directives:

Low Voltage Directive 2014/35/EU	<ol style="list-style-type: none">1. EN 60335-1:2012 + A11:2014 + AC:2014 + A13:2017 + A1:2019 + A14:2019 + A2:20192. EN 60335-2-2:2010 + A11:2012 + A1:20133. EN 60335-2-29:2004 + A2:2010 + A11:20184. EN 62233:2008
EMC Directive 2014/30/EU	<ol style="list-style-type: none">1. EN 55014-1:2017 + A11:20202. EN 55014-2:20153. EN IEC 61000-3-2:20194. EN 61000-3-3:2013 + A1:2019
RoHS Directive 2011/65/EU	EN IEC 63000:2018

Person responsible for making this declaration:

Printed name: Rui.Shen

Position/Title: Quality Director

Signature: Rui.Shen.

Date of issue: 30/04/2021

Place of issue: Floor 6, Suite 6016, 6017, 6018, Building C, Kangjian Baosheng Plaza, No. 8 Heiquan Road, Haidian District, Beijing, P.R. CHINA

WEEE Information

Correct Disposal of this product . This marking indicates that this product should not be disposed with other household wastes 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 return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

Korrekte Entsorgung dieses Produkts. Innerhalb der EU weist dieses Symbol darauf hin, dass dieses Produkt nicht über den Hausmüll entsorgt werden darf. Altgeräte enthalten wertvolle recyclingfähige Materialien, die einer Wiederverwertung zugeführt werden sollten und um der Umwelt bzw. der menschlichen Gesundheit nicht durch unkontrollierte Müllbeseitigung zu schaden. Bitte entsorgen Sie Altgeräte deshalb über geeignete Sammelsysteme oder senden Sie das Gerät zur Entsorgung an die Stelle, bei der Sie es gekauft haben. Diese wird dann das Gerät der stofflichen Verwertung zuführen.



Warranty Information

The warranty period depends on the laws of the country in which the product is sold, and the warranty is the responsibility of the seller.

The warranty only covers defects in material or workmanship.

The repairs under warranty may only be carried out by an authorized service centre. When making a claim under the warranty, the original bill of purchase (with purchase date) must be submitted.

The warranty will not apply in cases of:

- Normal wear and tear.
- Incorrect use, e.g. overloading of the appliance, use of non-approved accessories, use of force.
- Damage caused by external influences.
- Damage caused by non-observance of the user manual, e.g. connection to an unsuitable mains supply or non-compliance with the installation instructions.
- Partially or completely dismantled appliances.