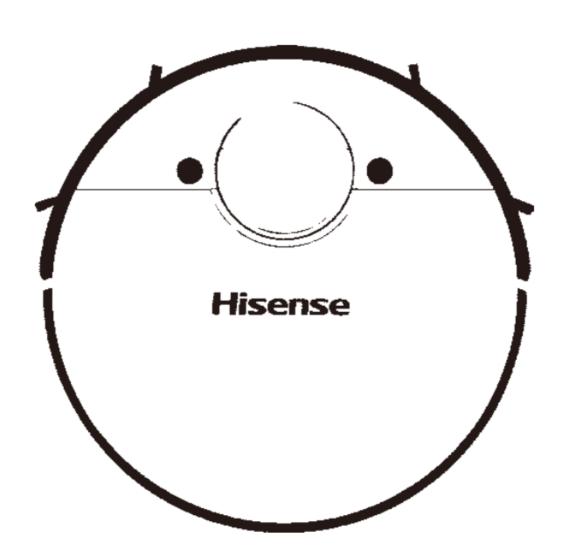


# **Hisense RVCL144AB Robot Vacuum Cleaner Instruction Manual**

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**Hisense RVCL144AB Robot Vacuum Cleaner** 



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#### **SAFETY INSTRUCTIONS**

#### Important safety instructions

Please read this manual carefully before you use the appliance and save it for future reference.

#### Warning for the ROBOT UNIT

- 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. Plug must be removed from the socket-outlet before cleaning or maintaining the appliance. appliance.
- 3. If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- 4. WARNING: For the purposes of recharging the battery, only use the detachable docking station provided with this appliance. Use only with M7-DS docking station.
- 5. This appliance contains batteries that are only replaceable by skilled persons.
- 6. Do not bring the smart robot close to heatsource, radiation or burning cigarette butts. It is strictly forbidden to vacuum the following objects:

- a) All liquids such as water and solvents;
- b) Lime, cement dust and other construction dust and garbage;
- c) Heat generating objects, such as unextinguished carbon butts, cigarette butts;
- d) Sharp fragments, such as glass, etc.;
- e) Flammable and explosive items, such as gasoline and alcohol products.
- 7. Before using, please remove all fragile items from the ground (such as glasses, lamps, etc.), and items that may be tangled with the side brush, Roller brush and drive wheels(such as wires, curtains and other easily-entangled materials).
- 8. Please pay attention to your hair and avoid entanglement on wheels or roller brushes when using, cleaning and maintaining the robot.
- 9. Do not use this product at an altitude of more than 2000m.



- 10. 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.
- 11. Warranty Information The manufacturer provides warranty in accordance with the legislation of the customer's own country of residence, with a minimum of 1 year (Germany: 2 years), starting from the date on which the appliance is sold to the end user. 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:
  - a) Normal wear and tear
  - b) Incorrect use, e.g. overloading of the appliance, use of non-approved accessories
  - c) Use of force, damage caused by external influences
  - d) Damage caused by non-observance of the user manual, e.g. connection to an unsuitable mains supply or non-compliance with the installation instructions
  - e) Partially or completely dismantled appliances
- 12. WIFI:2400-2483.5MHz, MAX POWRE:20dBm, BLUETOOTH MAX POWR:10dBm

  To satisfy RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.
- 13. CLASS 1 LASER PRODUCT INVISIBLE LASER RADIATION

#### Warning for the DOCKING STATION

- 1. "IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS" and "DANGER TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS".
- 2. 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.
- 3. Plug must be removed from the socket-outlet before cleaning or maintaining the appliance. appliance.
- 4. If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- 5. Docking station is only applicable to the product RVCL144AB.
- 6. Warning: The battery charger (Docking station) is not intended to charge non-rechargeable batteries.

#### Warning for the BATTERY

- Do not dismantle, open or shred secondary cells or batteries. Do not expose cells or batteries to heat or fire.
   Avoid storage in direct sunlight.
- 2. Do not short-circuit a cell or a battery. Do not store cells or batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.
- 3. Do not remove a cell or battery from its original packaging until required for use.
- 4. Do not subject cells or batteries to mechanical shock. \
- 5. In the event of a cell leaking, do not allow the liquid to come in contact with the skin or eyes. If with copious amounts of water and seek medical advice.
- 6. Do not use any charger other than that specifically provided for use with the equipment.
- 7. Observe the plus (+) and minus () marks on the cell, battery and equipment and ensure correct use.
- 8. Do not use any cell or battery which is not designed for use with the equipment.
- 9. capacity, size or type within a device.
- 10. Keep cells and batteries out of the reach of children.
- 11. Seek medical advice immediately if a cell or a battery has been swallowed.

	[symbol IEC 60417-5957 ( 2004-12 )]	for indoor use only	
	[symbol ISO 7000-0790 ( 2004-01 )]	read operator's manual	
	[symbol IEC 60417-5031 ( 2002-10 )]	direct current	
×	time-lag miniature fuse-link where X is the symbol for the time/current characteristic as given in IEC 60127		
	[symbol IEC 60417-5032 ( 2002-10 )]	alternating current	
	[symbol IEC 60417-5172 ( 2003-02 )]	class II equipment	

- 12. Always purchase the correct cell or battery for the equipment
- 13. Keep cells and batteries clean and dry.
- 14. Wipe the cell or battery terminals with a clean dry cloth if they become dirty.
- 15. Secondary cells and batteries need to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.
- 16. Do not leave a battery on prolonged charge when not in use.
- 17. After extended periods of storage, it may be necessary to charge and discharge the cells or batteries several times to obtain maximum performance.
- 18. Secondary cells and batteries give their best performance when they are operated at normal room temperature (20 °C  $\pm$  5 °C).
- 19. Retain the original product literature for future reference.
- 20. Use only the cell or battery in the application for which it was intended.
- 21. When possible, remove the battery from the equipment when not in use.
- 22. Dispose of properly.

#### **TECHNICAL DATA**

1. Product Model: RVCL144AB

2. Host Charging Voltage: 16.9 V \_\_\_\_

3. Host Rated Voltage: 14.4 V \_\_\_\_

4. Host Rated Power: 55 W

5. Docking Station Model: M7-DS

6. Docking Station Input: 100-240V~,50-60Hz,38W

7. Docking Station Output: 16.9V \_\_\_\_,2A

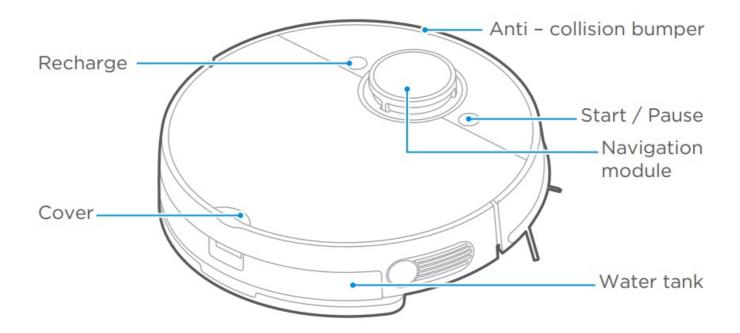
8. Battery Model: BP14452B

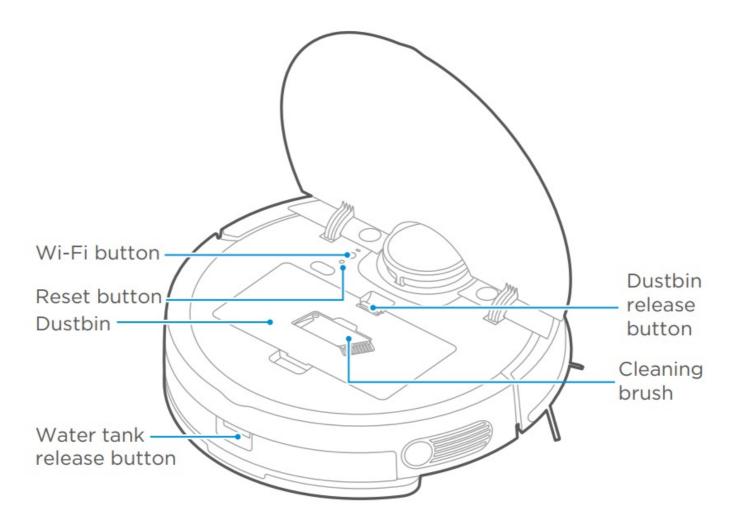
9. Battery Rated Voltage: 14.4V \_\_\_\_

10. Battery Capacity: 5200mAh 74.88Wh

11. Charging Limit Voltage: 16.8V ====

## PRODUCT DESCRIPTION AND PARTS

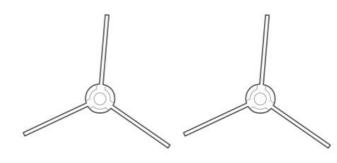




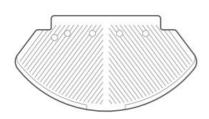
## Package Content



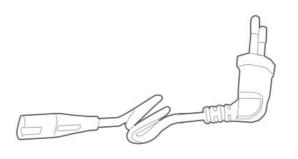
Charging base 1x



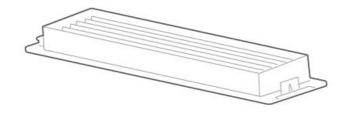
Side brush pair 2x

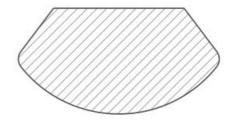


Mop cloth holder 1x



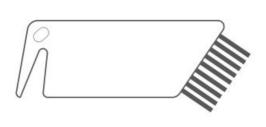
Power cable 1x





HEPA filter 1x

Mop cloth 1x



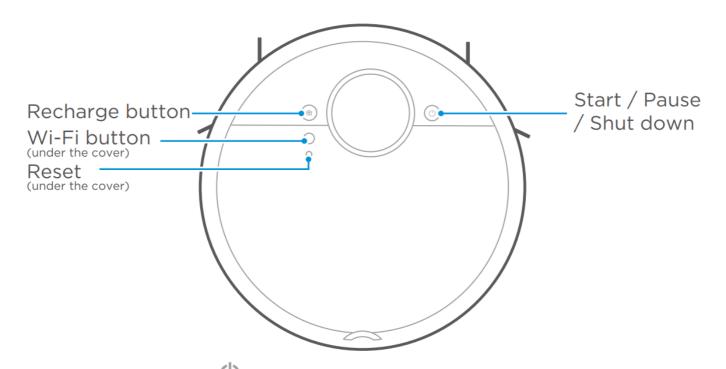
Manual

Cleaning brush 1x

User manual 1x

#### **PRODUCT OPERATION**

#### **BUTTONS FUNCTION**



# Start/Pause/Shut Down button

START: Press and hold for 3s to hear a startup voice then the machine turns on. PAUSE: Press one time and the machine will stop. Press again, the machine will start work again.

SHUT DOWN: BEFORE SHUT DOWN PLEASE REMOVE ROBOT FROM CHARGING BASE then press and hold for 3s to

#### Wi-Fi button (under the cover)Wi-Fi

Press for 3 seconds for Wi-Fi matching. Robot is in matching status if light is flickering.

# Recharge button

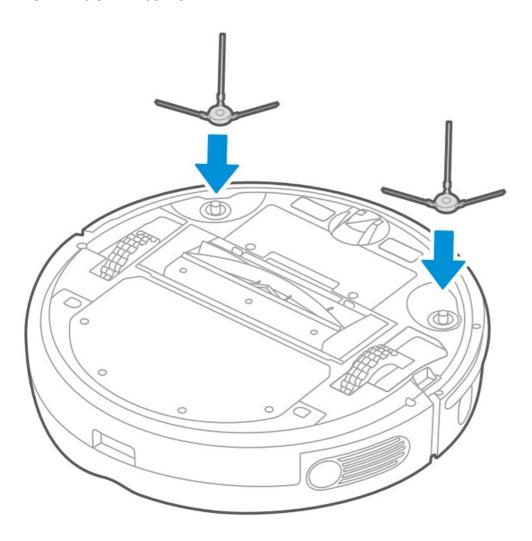


Short press for recharging.

#### Reset button (under the cover)

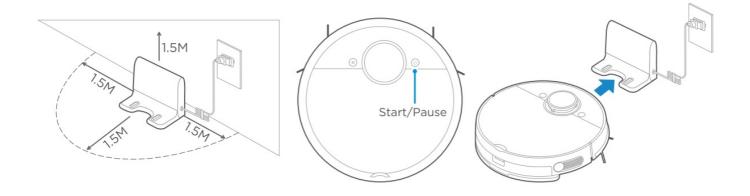
Press "Reset" to restart the robot when it is out of work.

#### **INSTALLING SIDE BRUSHES**



- 1. Turn the unit over.
- 2. With unit upside down, align side brush over brush post. Please keep the color of side brushes' same as each brush posts.
- 3. Press brushes downside until it snaps in place.
- 4. Ensure side brushes can rotate freely.
- 5. Reference to picture above.

#### **CHARGING ROBOT VACUUM CLEANER**

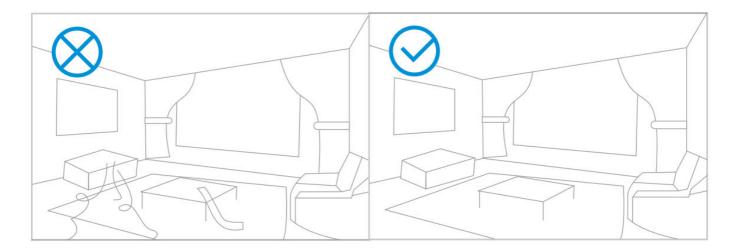


- 1. Place the charging base against a wall and remove all of obstructions around the charging base, as shown in the picture above. Please do not place the charging base on a carpet and keep the area dry. Also help to remove the mopping holder when it is charging.
- 2. Turn the power switch on. Refer to chapter BUTTONS FUNCTION.
- 3. Place vacuum on the charging base, ensuring the charging contacts are touching. A white light will start flashing, indicating the robot is charging. Charge for 12 hours before first use.

#### NOTE: To effectively extend battery life, you should:

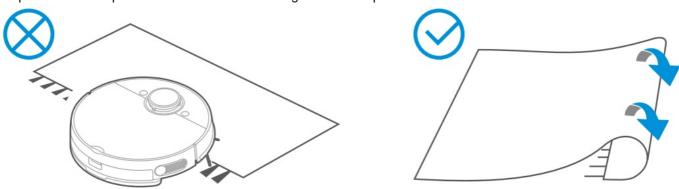
- 1. Please charge before first use.
- 2. When the battery is low power, please charge it as soon as possible.
- 3. If you do not use the appliance for an extended period of time, fully charge the battery and put it in a ventilated and dry place.
- 4. Charge the robot every 3 months if it is not used for a long time to protect battery.
- 5. This machine has automatic recharge function. In some special cases (such as battery is dead, the machine is stuck, etc.), the main unit may not be able to automatically recharge.

#### **BEFORE CLEANING TIPS**



Please clean up the wires and sundries scattered on the ground and remove valuable, fragile items that are easy to fall before cleaning. If there is a suspended environment in the clean area, please use objects to fix and block to avoid any potential harm. It is recommended to follow the sweeping robot to find some possible problems during the first cleaning process. The robot can clean much more smoothly after that. If certain special areas do not need to be cleaned or the robot may be trapped, you can add a restricted area or virtual wall on the

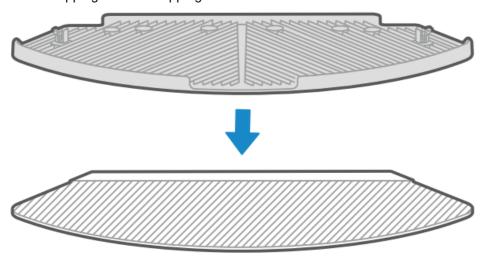
map in the APP to prevent the robot from entering the above special area.



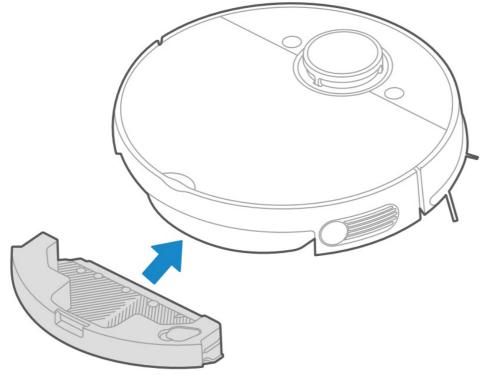
Do not use your robot on wet surfaces or surfaces with standing water. Before using the product on a rug with tasseled edges, please fold the rug edges under.

#### **MOPPING**

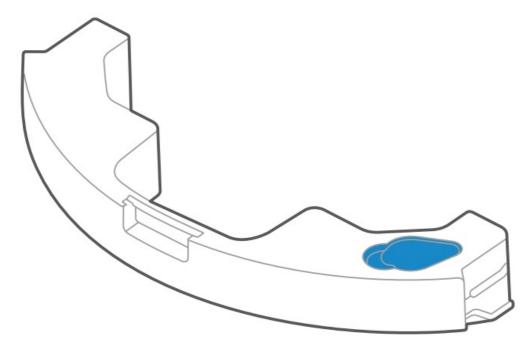
1. Attach mopping cloth to mopping holder.



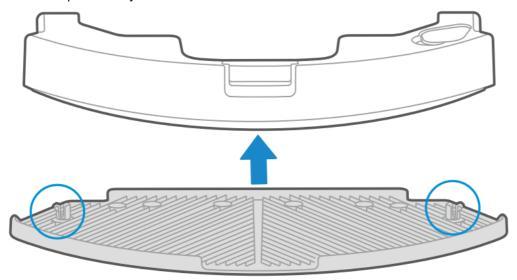
2. Press the button on tank and remove it.



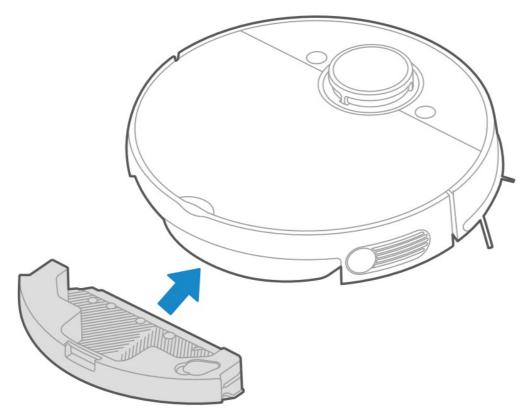
3. Fill the water through water inlet/outlet.



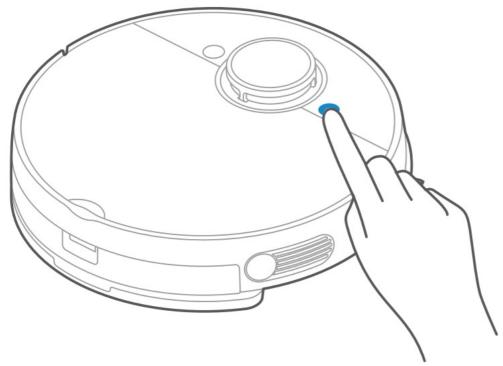
4. Attach mop assembly to water tank.



5. nsert water tank assembly into robot until "click" sound.



6. Press START button to start mopping.



#### NOTE:

- 1. Please do not fill the water more than the "Max" level.
- 2. It is recommended to use clean water in the water tank. Do not use any detergent in the water.
- 3. Please clean the mopping cloth after cleaning.
- 4. You will hear a click sound when the water tank is installed properly.
- 5. Remove the mopping holder when the robot is under charging.
- 6. Please set virtual wall by APP or roll up the carpet if you don't want the robot to go on your carpet while mopping.

7. Please adjust water flow by APP according to your requirement.

#### **USING APP**

#### NOTE:

If your home Wi-Fi name or password is changed, you will need to re-establish connection with your robot vacuum.

- 1. App supports iOS 9.0 and above, Android 6.0 and above phone system versions, but Pad device is not accepted. Generally, the phone system version may be checked by clicking "Settings-About Mobile Phone" in the mobile phone.
- 2. This model does not support WEP encrypted router.
- 3. The network accessing configuration of the cleaner requires Wi-Fi network of 2.4GHz frequency range, 5 GHz frequency range is not currently compatible.
- 4. Do not configure network accessing under the charging state.
- 5. Wi-Fi is mandatory for network accessing configuration of the cleaner, once the network accessing is configured successfully, App may be operated in Wi-Fi/2G/3G/4G network environment and the cleaner may be controlled remotely.
- 6. If your home WIFI password is changed, the cleaner will be
- 7. If others want to use App to operate same cleaner, they need be invited on App by the device owner by sharing the device to the new user's account (on the condition that the invitee has downloaded App and registered an account).
- 8. The device will be removed from the former device owner's device list if a new account owner connects the device successfully.
- 9. Once the robot is configured successfully network accessing, the following operations will result in clearance of Wi-Fi settings and secondary network accessing configuration is required; Long press the network accessing configuration key on the device over 3 seconds and after a tick sound is heard, all Wi-Fi information will be cleared.

#### PAIRING ROBOT WITH MOBILE PHONE APP

- 1. Ensure mobile phone is connected to your home Wi-Fi. Provide yourself a password from your Wi-Fi.
- 2. Download ConnectLife Robot app and register your robot following two steps: a) Scan QR code or search for the ConnectLife Robot APP in the Apple app store (https://www.apple.com/app-store/) or Google play store (https://play.google.com/store/apps) than download it.



b) Open the app, Sign Up and create your personal account following instructions on screen.



3. Add your robot to your app from available devices by pressing `'Add device" or `'+" symbol.



4. If your phone has Bluetooth ON device might pop up for you in upper part of screen (lower LEFT picture) where you select it and follow instruction on APP. In case of manual adding robot find Small Home Appliances in tab on the LEFT and then choose Robot Vacuum (Wi-Fi). Find it with scrolling down possible devices (lower RIGHT picture).



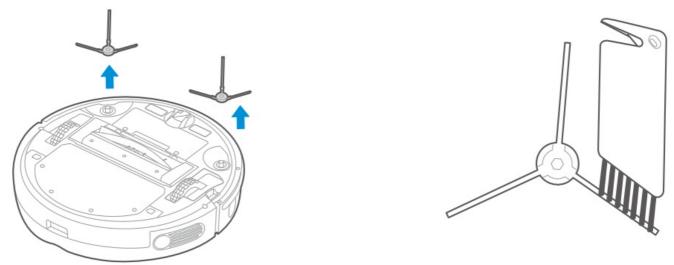
5. Follow additional instruction for finishing this pairing.

#### **MAINTENANCE**

#### **CLEANING SIDE BRUSHES**

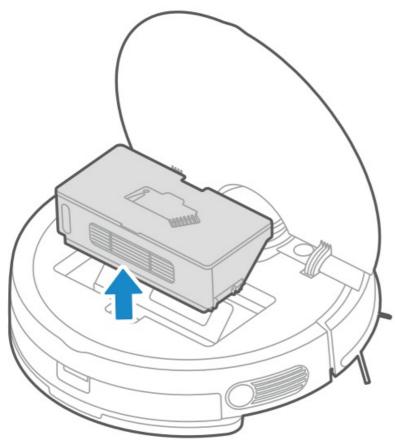
- 1. Regularly check the side brush for hair wrapping.
- 2. Clean the side brush with the cleaning tool or a rag.

- 3. If the side brush has deformed from hair wrap, remove the side 5 seconds.
- 4. If the side brush is permanently damaged, replace with the spare set of brushes.

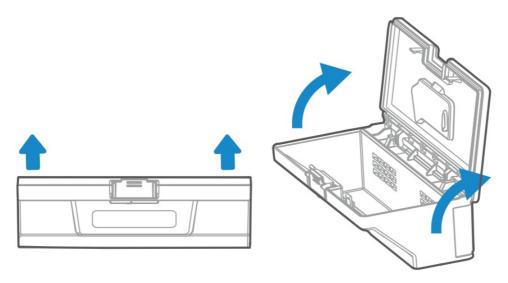


#### **CLEANING DUSTBIN AND FILTER**

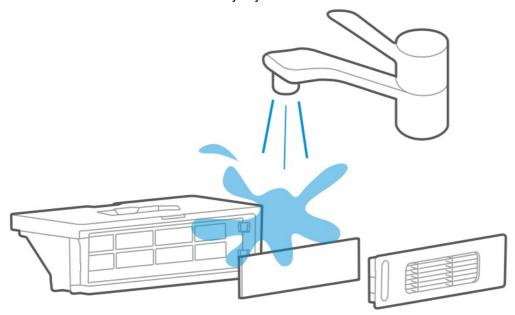
1. Press dustbin release button to remove it.



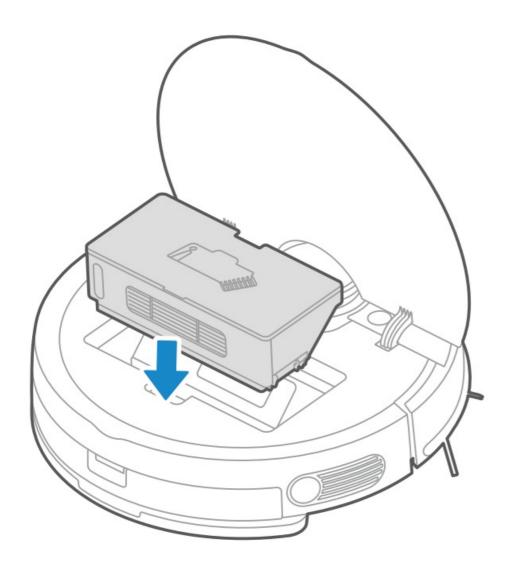
2. Empty dustbin with release button. Help with cleaning brush.



3. Wash or hand vacuum filter and totally dry before use!

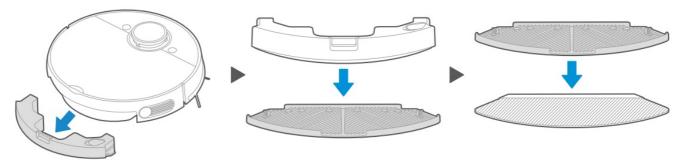


4. Assembly all parts and insert dustbin back into robot.



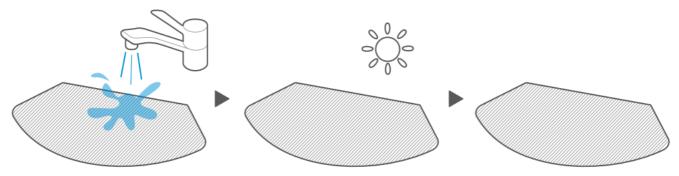
#### **CLEANING WATER TANK AND MOP CLOTH**

1. Once finished mopping, press the water tank release button and pull to remove the water tank. Detach the mop holder by pulling them apart and remove mop cloth from holder.

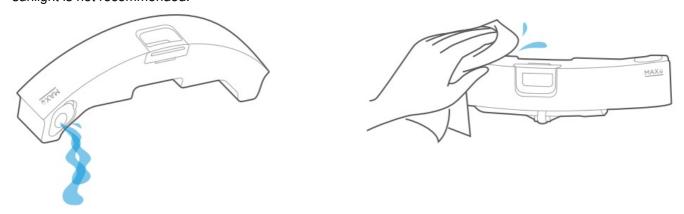


2. Wash the mopping pad by hand and dry THOROUGHLY.

If specified on mop cloth you can wash in washing machine.

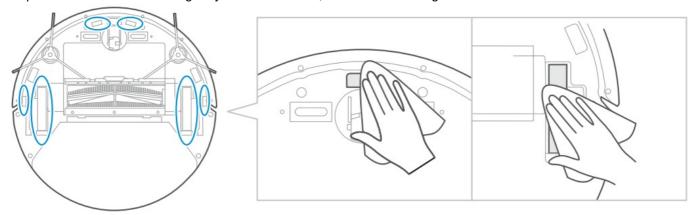


3. Open the cover and pour out the remaining water in the water tank. Wipe dry the water tank. Exposure to sunlight is not recommended.



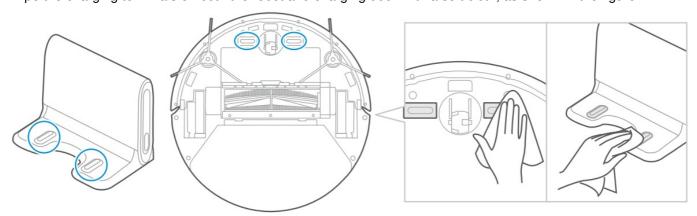
#### **CLEANING BOTTOM SENSORS AND WHEELS**

Wipe the sensor and wheels gently with a soft cloth, as shown in the figure.



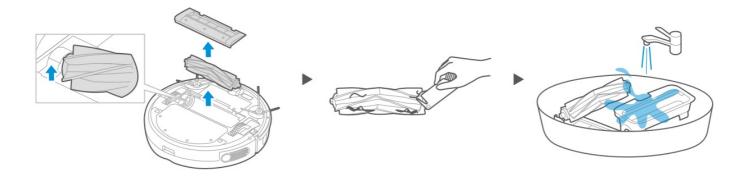
#### **CLEANING CHARGING STATION TERMINALS**

Wipe the charging terminals on both the robot and charging dock with a soft cloth, as shown in the figure



#### **CLEANING BRUSH ROLL**

Brush roll can removed by removing protective cover. Then you can clean threads or hair wrapped around the brush roll with included brush cleaner. Use sharp V shape blade within it. Wash with water and dry THOROUGHLY.



# **FAQS**

In case of malfunction, please refer to the following table.

#### **FAQs ROBOT AND CHARGING STATION**

Problem	Cause	Solution
The appliance is not charging.	<ol> <li>The power switch is not turned on while charging.</li> <li>The appliance and charging termi nals are not in full contact.</li> </ol>	<ol> <li>Power on the appliance.</li> <li>Make sure the appliance is fully in conta ct with the charging terminal.</li> </ol>
The appliance gets stuck.	<ol> <li>The appliance is covered by wire s on the ground, dropping curtain fabric or blankets are obstacle.</li> <li>Side brush and brush roll, etc. get stuck, and the appliance cannot r un normally.</li> </ol>	<ol> <li>The appliance will automatically start the e escape mode. If it is not out of trouble, it needs manual help.</li> <li>Clean the windings on the side brush and restart it. If not, contact the post-sales department.</li> </ol>
Not cleaned completely, and recharge it.	The appliance does not have eno ugh battery power.	Charge the appliance and for future leav     e feature Resume from breakpoint on O     N status.
No cleaning according to the scheduled time.	<ol> <li>The power switch is not on.</li> <li>Scheduled appointment is cancell ed.</li> </ol>	<ol> <li>Turn on the power switch of appliance.</li> <li>Reset and make schedule.</li> </ol>
After the mop holder is inst alled, the appliance is non-operational.	<ol> <li>The mop holder magnet</li> <li>There's no water in water tank.</li> <li>The appliance base outlet hole is blocked.</li> </ol>	<ol> <li>Contact the aftersales service center.</li> <li>Add water.</li> <li>Clear water outlet and tank filter.</li> </ol>

The appliance has missed sweeps, there is no plan fo r cleaning, and the map in app shows irregularly.	<ol> <li>The ground is slippery.</li> <li>Wires, shoes and other objects pl aced on the normal operation of t he appliance.</li> <li>Cleaning is interrupted halfway.</li> </ol>	<ol> <li>If the floor is wet, dry it before use.</li> <li>Minimize ground items as much as poss ible.</li> <li>Do not move or block the appliance during work.</li> </ol>
Appliance does not work.	<ol> <li>The power switch is not turned O         N     </li> <li>Low battery.     </li> <li>Wheels are stopped and the thre         e groups of drop sensors are in a         falling state.     </li> </ol>	<ol> <li>Turn ON the power switch.</li> <li>Charge the appliance.</li> <li>Place the appliance close to the ground.</li> <li>Contact post-sales service center.</li> </ol>
Appliance retreats.	<ol> <li>There is obstacle ahead.</li> <li>Bumper rail is clamped.</li> </ol>	<ol> <li>Clear the front obstacles.</li> <li>Tap the bumper rail to check for if there i s foreign matter stuck.</li> </ol>

#### **FAQs APP**

Problem	Cause	Troubleshooting	Solution
App displays discon nection.	Disconnection betw een the mobile phon e and the appliance.	Judge if the mobile phone i s access to network; Judge if the router works normally; The cleaner is required to b e powered; The Wi-Fi confi gurations of the equipment are cleared; The Wi-Fi password or net work is changed.	The mobile phone shall be accesse d to network once again; Re-start the router; Power on the cl eaner once again; Add new applian ces into App; After system start-up, I ong press "Wi-Fi" 3 seconds and rel ease it after a tick sound is heard; c lear all Wi-Fi configurations of the cl eaner and add household electrical appliances once again for operation .
Slow App operation.	Network connection is not so smooth.	Network busy; Poor Wi-Fi si gnal reception of the mobile phone; The network bandwidth is not so adequate.	Re-start the router and reduce the n umber of access users; Check the settings of the mobile ph one itself; Broaden network bandwidth.
The QR code of the mobile phone itself cannot be scanned by App.	The hardware config urations of the mobil e phone are very lo w, the camera has n o focus function.	Change mobile phones for confirmation.	Change mobile phones and scan; A dd appliance by product category.

# Hisense

#### **Documents / Resources**



<u>Hisense RVCL144AB Robot Vacuum Cleaner</u> [pdf] Instruction Manual RVCL144AB Robot Vacuum Cleaner, RVCL144AB, Robot Vacuum Cleaner, Vacuum Cleaner, Cleaner

#### References

• App Store - Apple

Manuals+, home privacy