

Green Lion

Ultra Vac Robot

SKU: GNULVACRBTWH

Model No: GL-SR60

Table of Contents

Safe Code	2
Attention	2
Battery Removing	4
Compositions	6
Installation	5
Daily Maintenance	6
Specifications	20
FQA	21
FCC Statement	21
Disposal	23
Warranty	23
Contact Us	23

Safe Code

When using the product, always stay vigilant and follow these instructions carefully:

Please read the instructions carefully before using the product and ensure it is kept properly.

Attention

1. Eliminate any possible issues in cleaning the product as soon as possible. Clean the power cord and remove small items from the ground to avoid obstruction during cleaning. Turn the edge of the carpet away from the product, and ensure that tablecloths, hanging curtains, or similar items do not contact the ground.
2. If the product is to be used in a suspended environment such as stairs, first test it to ensure it can detect the edge of the suspended area without falling. The protective fence should be placed at the edge of the suspended area to prevent the product from falling. Ensure that the protective facility does not cause personal injuries, such as tripping.
3. Use the product according to the instructions. Only use accessories that are recommended or sold by the manufacturer.
4. Ensure that the power supply voltage matches the voltage marked on the charging seat.
5. Make sure that the dust box and filter materials are correctly installed before using the product.
6. If the power cord is damaged, it must be replaced by the manufacturer or its maintenance department, or a similar department, to avoid danger.
7. Turn off the product switch before cleaning and maintaining the product.

8. The plug must be removed from the power outlet before cleaning and maintaining the product.
9. Before discarding the product, make sure to turn off the product power switch and remove the battery.
10. If the product is not used for an extended period, please make sure to cut off the power.
11. Before discarding the product, ensure that the batteries are removed and disposed of according to local laws and regulations.
12. Please follow local laws and regulations for the disposal of the old batteries.
13. The product must not be used by children under 8 years of age or by people with mental disorders. If use is needed, please ensure it is done under the supervision of a guardian. Please do not allow children to ride on the product or use it as a toy.
14. Use only indoors. Do not use the product in outdoor, commercial, or industrial places.
15. Do not use the product in a room where infants sleep.
16. Do not use damaged power cords or power sockets. Do not use the product if it cannot work properly due to fall, damage, outdoor use, or water. To avoid injury, the product must be repaired by the manufacturer or its after-sales service if required.
17. Always use the product as indicated in the instructions. The company is not responsible for any loss or injury caused by improper use.

Warning

1. Only the original charging seats specially supplied by the manufacturer are applicable. Users are forbidden to replace the battery without permission. If the battery is damaged, please contact the manufacturer, authorized dealer, or professionals from similar departments to replace it.
2. Do not use products in an environment with open flame or fragile items.

3. Do not use products in extremely hot (more than 40°C) or extremely cold (less than 0°C) environments.
4. No human hair, clothes, fingers, and other parts are located close to the opening and operating parts of the product.
5. Do not use products on wet or waterlogged ground.
6. Prevent the product from absorbing any items such as stones or waste paper that may block the product.
7. Do not absorb any flammable items, such as gasoline, printers, or photocopies.
8. No use of products in clean areas with flammable items.
9. Prevent products from absorbing any burning items, such as cigarettes, matches, ashes, and other items that may cause fire.
10. Do not place items at the suction point. Do not use the product when the suction point is blocked. Clean up the dust, cotton wool, and hair at the suction point to ensure the smooth air circulation at the suction point.
11. Use the power cord carefully to avoid its damage. It is forbidden to use the power cable to drag or pull the charging seat of the product and products. Use the power cord as a handle, clamp the power cord in the door, and pull the power cord at the sharp corner and corner. Prevent the products from running on the power line, which should be kept away from the heat source.
12. Do not use the damaged charging seat. If the charging seat is damaged, it must be repaired or replaced by the manufacturer, authorized dealer, or professionals in similar departments to avoid danger.

Battery Removing

Attention

The following information is only applicable when the robot is discarded and is not routine instructions! The battery can only be

removed if the battery capacity is completely exhausted. No matter what the circumstances, the battery must not come into contact with metal objects. The steps for removing the battery are described as follows:

Let the robot run to no power without touching the all-powerful base station.

Turn off the robot power switch.

Remove the screws on the battery cover plate.

Remove the battery cover plate.

Pull out the connector plug of the battery and remove the battery.

Discarding Battery Instructions

If you want to discard the battery in the machine, please do not discard it along with the household garbage at will, but to hand it over to the nearest abandoned old battery recycling station or sweeping robot after-sales service center for centralized processing. The following description is not for the general user, but is a disposition statement for the final battery disposition party. The chemicals contained in the battery built in the machine will pollute the environment. Before discarding the disposal robot, be sure to take out the battery in the body in advance, and the battery should be transferred to the professional battery recycling point for centralized disposal.

Take Care

Battery leakage of exudate can cause human body damage! If the battery leaks leaking, make sure it has no contact with the eyes or skin. If accidentally contact, please wash your hands with water and rinse your eyes immediately. If you still feel unwell, please seek medical attention immediately.

WARNING

Do not use products in an environment with open flame or fragile items.
Do not use products in extremely hot (more than 40°C) or extremely cold (less than 0°C) environments.

Do not use products in an environment with open flame or fragile items.

Do not use products in extremely hot (more than 40°C) or extremely cold (less than 0°C) environments.

Do not use the products when the water pipes or valves leak.

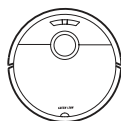
Do not use the products when the water pipes or valves leak.

Equipment Replacement

Generally speaking, the software is updated every two months, but the update cycle is not fixed. After 3 years of iteration, the critical vulnerability solutions will be updated for the products that have passed the iteration cycle.

Composition

Packing & Accessories



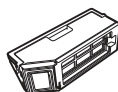
Robot



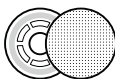
All in one station



Base



Dust box



Drag & mop



Dust bag

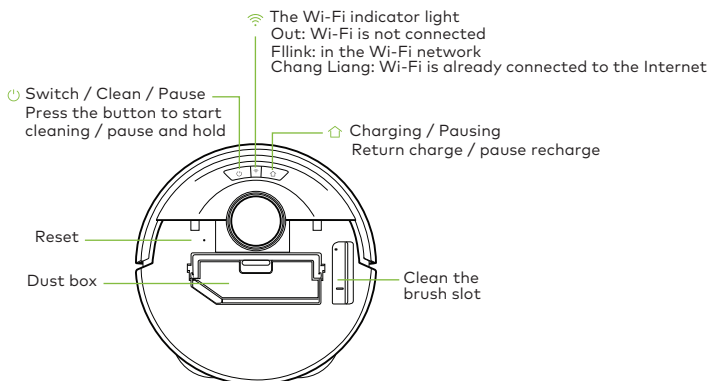


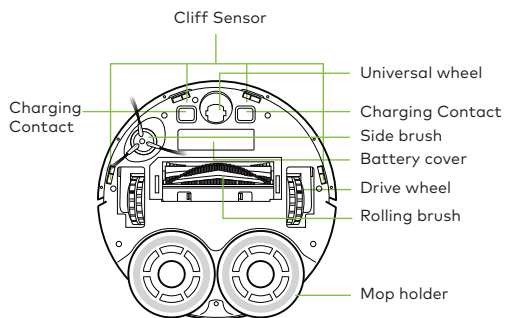
Brush clean



Cleaning brush

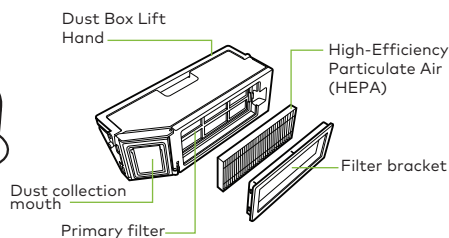
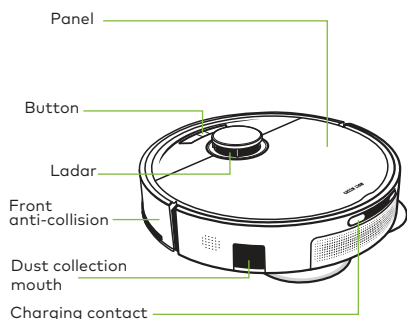
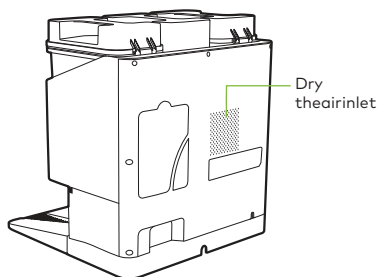
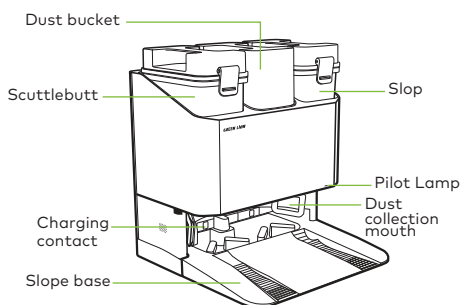
Part Name



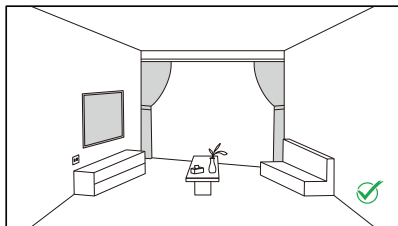
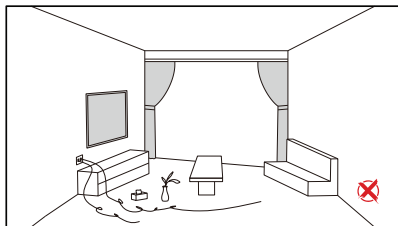


Note:

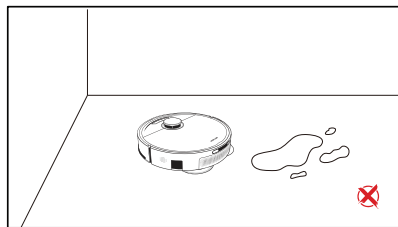
The reset button is at the bottom of the panel. After pressing the panel button, the host shuts down, and the system is reset. Use this feature with caution



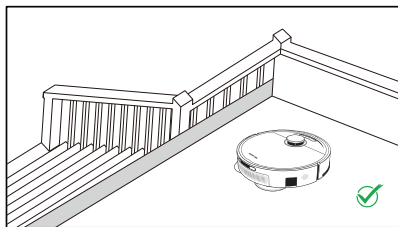
Precaution



Before starting the vacuum cleaner, clean up wires and sundries scattered on the ground, and remove easy-to-fall, fragile, valuable, and potentially dangerous items. Avoid being entangled, stuck, dragged, or knocked down by the main unit; otherwise, personal injury or property damage may be caused.



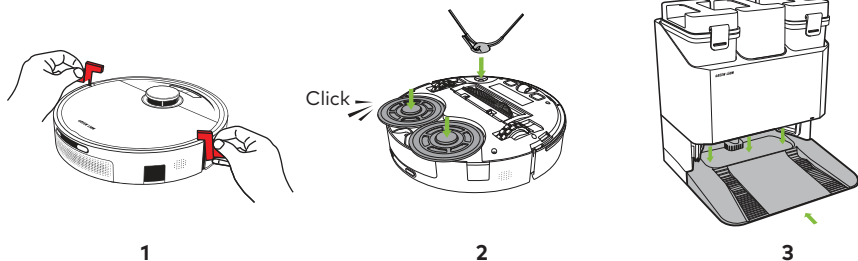
Don't use the robot to clean liquid.



When used in a suspended environment, it shall be protected by rails to avoid accidental falling or pushing other articles from falling; otherwise, personal injury or property damage may be caused.

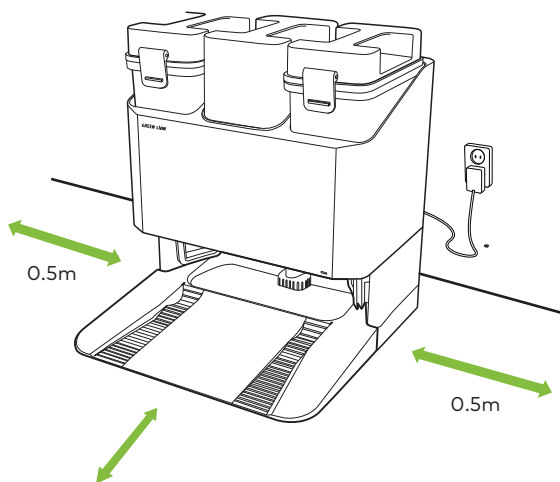
Preparations

1. Remove the protection material from both sides of the robot.
2. Install the side brush and mop bracket. A "click" sound indicates that the installation is in place.
3. Install the base.



Host Charging

Place the base station against the wall on flat, hard ground, and do not place items within 0.5 meters around and 0.8 meters ahead.



Note:

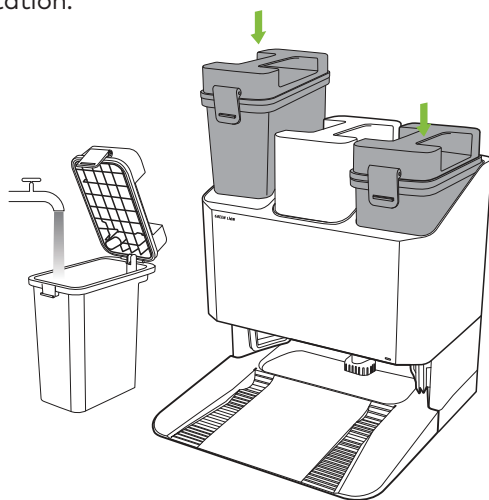
If there are mirrors, reflective skirting lines, and other reflective objects near the base station, cover the bottom 14cm.

Do not place the base station in a place where the sun is directly lit.

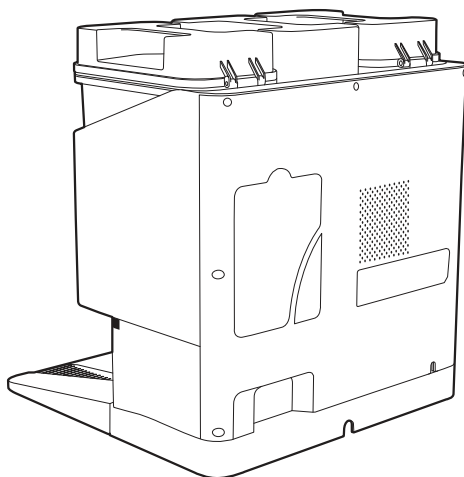
It is recommended to place it in a strong Wi-Fi signal area to ensure a better user experience.

Base Station Tank

Open the tank cover, add water, and place the water and sewage tanks into the base station.



Automatic Water Tank Connection Method



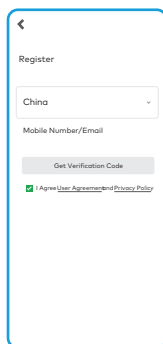
Application Download

Method 1: Scan the QR code on the body/manual, and download and install the APP for free according to the prompts.

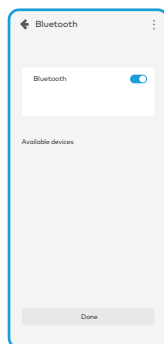


Method 2: Open the mobile app store, search for "SmartLife" to download and install.

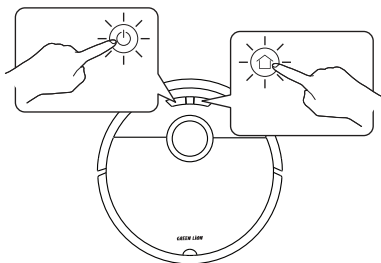
Network



Register and log into the Application

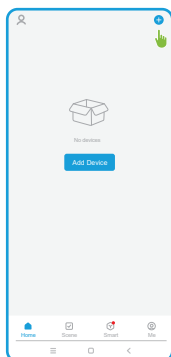


Turn on the Bluetooth

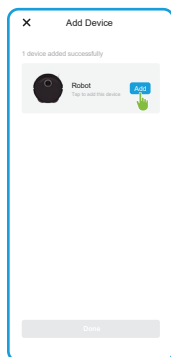


At the same time, press and hold down the "()" and "↑" keys on the host for 3 seconds. After hearing the "AP Model," release the button. The Wi-Fi indicator will start to flash slowly, and the host will enter the networking state.

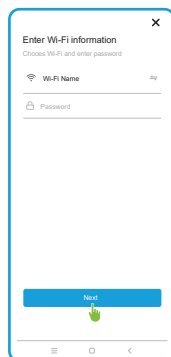
Host Distribution Network



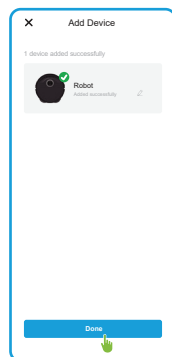
Click "Add a device" or "+" in the top right corner.



Add already searched robot.



Select 2.4GHz Wi-Fi network and enter the password.

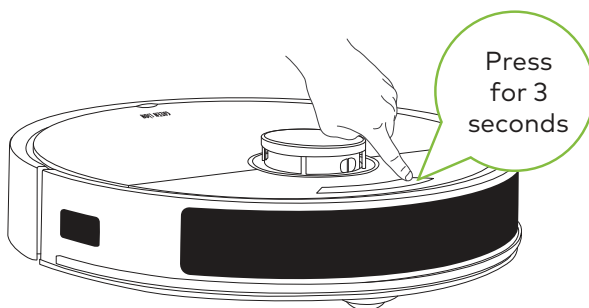


Click on DONE to complete the connection.

Turn-on / Charge

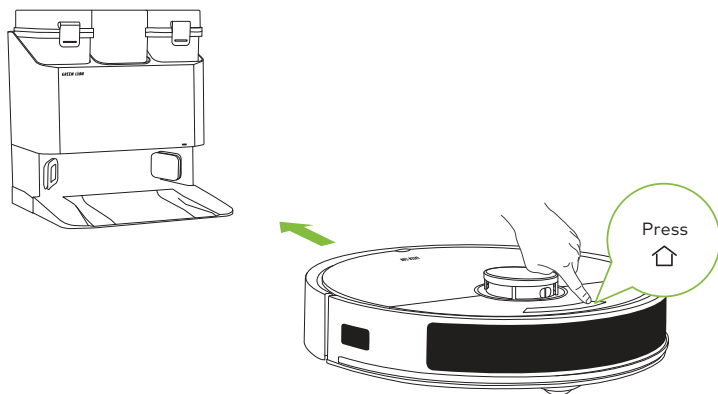
Press and hold the "⏻" for 3 seconds, the indicator light will turn on, and the robot will successfully start.

Press and hold the "⏻" for 3 seconds again, the light will turn off, and the robot will shut down.



The robot is unable to shut down during the charging process.

Short press the " ⬆ ", and the robot will automatically enter the base station to start charging. After the robot enters the base station, wait about 5 seconds to hear the voice prompt "start recharge."

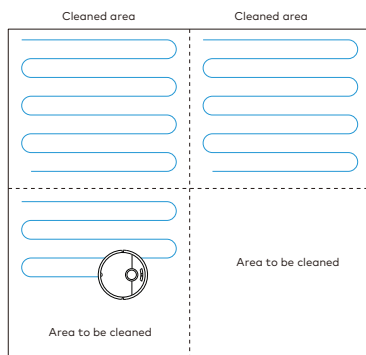


When the base station is installed and connected to the power supply, the robot will automatically return to charge and empty the dust box when necessary. It is suggested that the host engine start from the base station and not move to the base station during the cleaning process.

Intelligent Cleaning (Default Mode)

The robot vacuum cleaner scans the working environment, generates a map, and intelligently divides the areas. It will complete cleaning of each area one by one by filling along the Z shape behind the wall. After finishing cleaning, the robot vacuum cleaner will return to the charging base for charging.

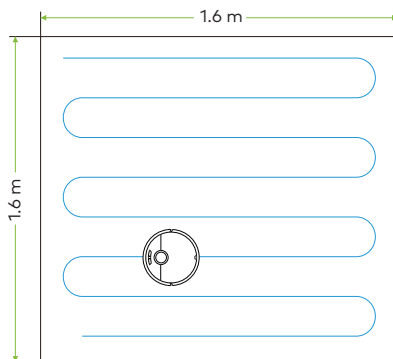
In order to better build the map, the robot needs to start from the charging base at the first cleaning.



Do not move the main unit randomly and frequently during operation. After moving, place the main unit near the original place. When starting the machine again, the device will try to reposition its coordinates; after positioning successfully, it will continue to work according to the planned path. If positioning fails, the device will give up the previous task and build a new map for cleaning, but it might fail to recharge.

Cleaning as Required

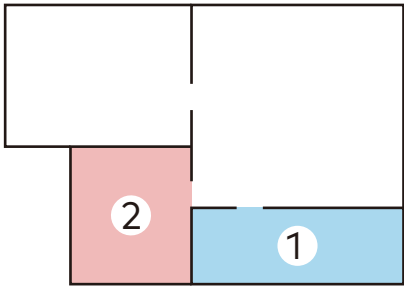
Use the mobile APP to select the function of cleaning as required. Select a point on the map, and the robot vacuum cleaner will move to the designated position and clean a 1.6m x 1.6m square area with itself as the center.



Before using this function, complete building of the map for the first cleaning in the mobile APP.

Cleaning of Selected Area

Use the mobile APP to select the function of cleaning the selected area, select the area to be cleaned on the map, and the robot vacuum cleaner will clean the selected area.

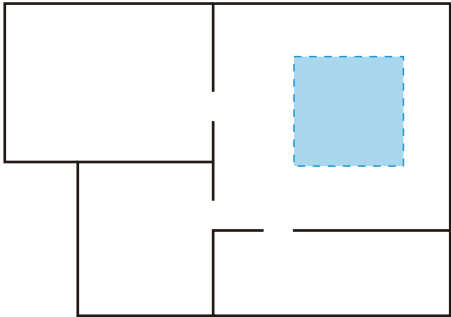


Before using this function, complete the building of the map for the first cleaning in the mobile APP.

The main unit might enter the unplanned area, so please clear the obstacles on the ground around the planned area, and this area cannot serve as a safety isolation zone.

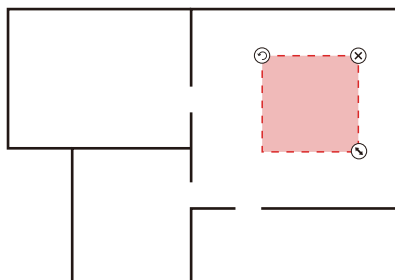
Cleaning of Defined Area

Use the mobile APP to select the function of cleaning the defined area, select the area to be cleaned on the map, and the robot vacuum cleaner will clean in the defined area.



Restricted Area Setting

Use the mobile APP to select the restricted area editing function, select and set the restricted area of cleaning on the map, and the machine will not enter the set area to clean.

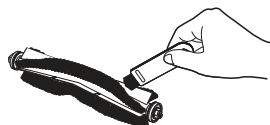
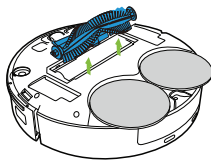
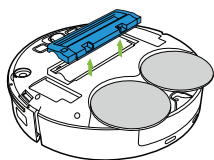


Daily Maintenance

Rolling Brush

1. Turn the machine over, press and hold the roll card buckle, and take out the roll brush cover.
2. Go down the roll brush.
3. Use a knife brush to remove the mucus in the cavity, the main brush, and roll, and remove the winding on the roll brush.

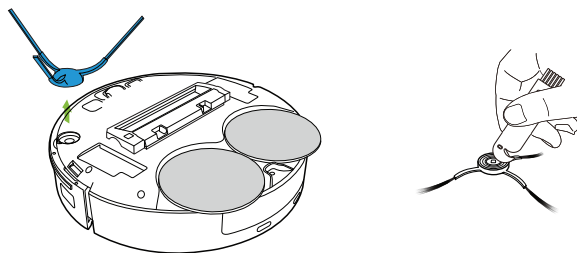
Recommended cleaning frequency: once a week



Side Brush

Turn the machine over and pull out the edge brush vertically. Remove the wound hair and reinstall the edge brush down back to the robot.

Recommended cleaning frequency: once a week



Rotate the Drag Cloth

Turn the machine over and pull the edge brush vertically up. Remove the wound hair and reinstall the edge brush down back to the robot.

Recommended cleaning frequency: once a week

Dust Box

1. Press the dust box buckle and remove the dust box.

Recommended cleaning frequency: once a week

2. Raise the dust box and open the primary filter to dump the garbage.

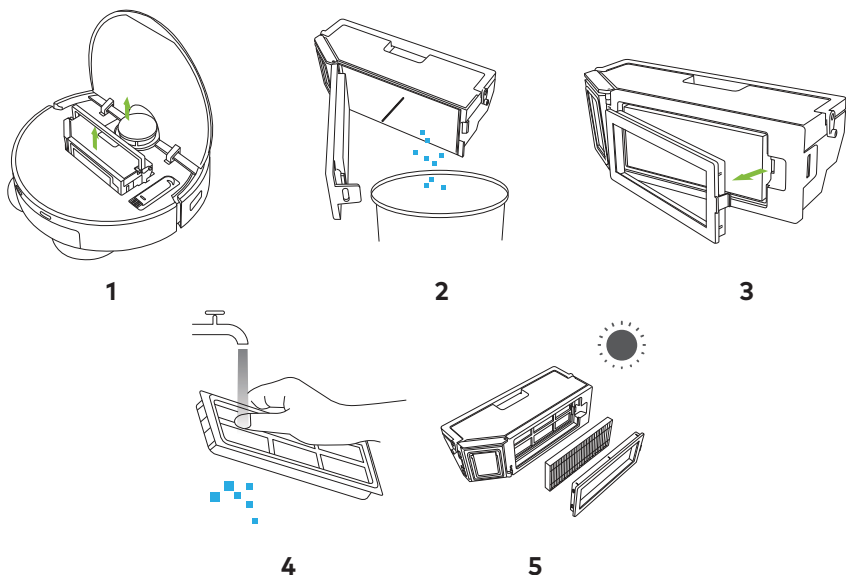
Recommended cleaning frequency: once every three months

3. Open the primary filter screen, remove the highly efficient filter screen.

4. Clean and efficiently wash the water filter net with clean water without adding any detergent.

5. Clean the dust box and filter screen in the natural dry, exposure is not recommended.

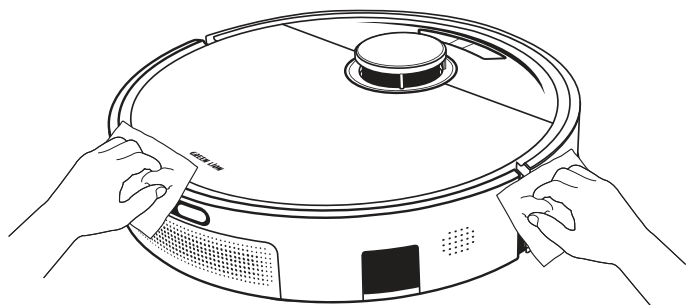
Need thorough drying before use.



Instead of Using a brush to clean the efficient filter screen, clean the filter with your fingers

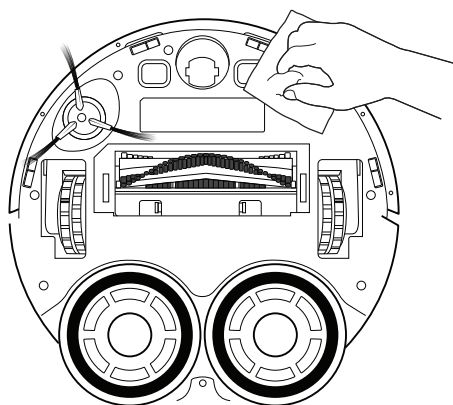
Clean Infrared Sensor (Recommended)

Recommended cleaning frequency: once every three months



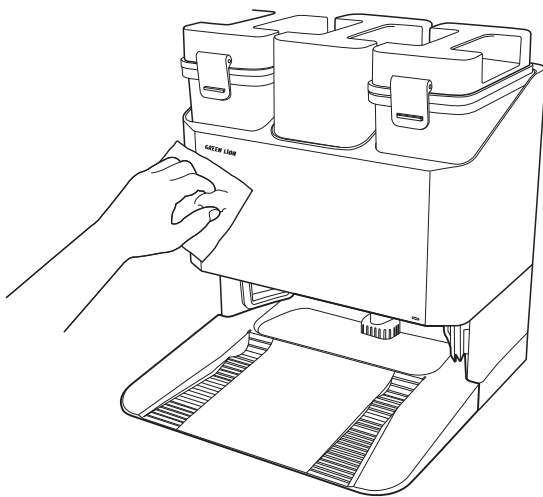
Clean Charging Contact

Recommended cleaning frequency: once every three months



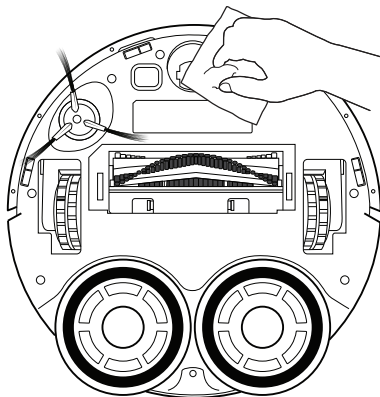
Clean Base Station

Recommended cleaning frequency: once every three months



Clean Universal Wheel

Recommended cleaning frequency: once every three months



Battery Maintenance

1. The host has a built-in rechargeable lithium-ion battery pack. To maintain battery performance, please ensure the host is kept charged during daily use.
2. If the machine is not in use for a long time, it should be turned off and charged every three months to avoid damage to the battery due to excessive discharge.

Firmware Upgrade

Enter the firmware upgrade function through the mobile phone app. When a new firmware version is detected, follow the prompts to upgrade. During the firmware upgrade, ensure that the battery capacity is not less than 50%. It is recommended to keep the device on the base station and charged.

Specifications

Material	ABS
Battery	5200mAh 14.4V Li-ion
Rated Voltage	200-240V
Motor Type	Brushed motor
Rated Power	Robot: 55W / Dock: 1100W
Rated Frequency	50/60Hz
Robot Suction Power	8000Pa
Station Suction Power	25000Pa
Dust Bin Capacity (Robot)	350 ml
Dust Collection Time	20 seconds
Clean Water Tank Capacity	3.5L
Sewage Tank Capacity	3L
Dust Bag Capacity	2.5L
Mopping Coverage	Up to 140 m ²
Mop Rotation Speed	180 RPM
Obstacle Detection Height	Above 3 cm
Climbing Ability	20 mm
Connectivity	Wi-Fi 2.4GHz & 5GHz
Noise Level	≤65 dB (Quiet Mode)
Power Plug Type	UK 3-Pin (1.5 m)
Charging Time	5 hours
Runtime	Up to 160 minutes
Robot Dimensions	350*350*102 mm
Dock Dimensions	450*400*410 mm
Robot Weight	4 KG
Station Weight	9 KG

Common problem	Resolvent
Can't boot	Low battery capacity. Put the machine back to the base station and align with the charging electrode, and the machine will automatically power on. Use the machine at the ambient temperature of 0°C to 40°C.
Unable to charge	Move the machine away from the base station and check that the base station charging indicator light is on. Ensure that the power adapter is properly connected. The base station has an incorrect contact with the robot. Please clean the charging shrapnel or charging contact of the base station.
Can not return, back to the base station	The robot is too far away from the base station and tries to place the robot near it.
Deviant behaviour	Turn off the machine and then on.
The noise during cleaning	Roll brush, side brush, or wheel may be entangled by foreign matter, wash them after the machine has stopped.
Lower cleaning performance, or a drop of dust	Replace the cleaning brush or the highly efficient filter screen. Clean the dust box. Roll brush, side brush, and foreign matter entangled together. Clean the roll brush and the side brush.
Unable to connect to the Wi-Fi	Bad Wi-Fi signal, ensure that the robot is in a good position for the Wi-Fi signal. The Wi-Fi connection has an exception, reset the Wi-Fi settings, download the latest version of the app, and then try to connect to the Wi-Fi to build the network again. Incorrect password. This machine supports only 2.4G.
Unable to perform the scheduled sweep	The planned cleaning will begin when the remaining power is 15% or more.
The robot has been at the base station	When the robot always stays at the base station, the power consumption is extremely low. This helps to keep the battery power alive.
Is it necessary to charge for 16 hours for the first time	Lithium-ion batteries do not have a memory effect. It can be used immediately after a full charge. There is no need to wait.

FCC STATEMENT

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

This device may not cause harmful interference, and

This device must accept any interference received, including interference that may cause undesired operation.

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

NOTE: 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 generates 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 or more 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.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.



Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

Warranty

Products that you buy directly from our **Green Lion** website or shop come with a 24-month warranty.

When you buy **Green Lion** products from any of our approved sellers, you only get a 12-month warranty. If you want to extend this warranty, go to our website at <https://www.greenlion.net/warranty> and fill out the form with your information. Don't forget to upload a picture of the product too. After we've checked and accepted your request, we'll send you an email to confirm that your product's warranty has been extended.

For more info, please check:
<https://www.greenlion.net/warranty>

Contact Us

If you have any questions about this Privacy Policy, please contact us at:

Website: <https://www.greenlion.net/>

Sales: sales@greenlion.net

Service Support: Support@greenlion.net

Telegram: [@greenlion_global](https://t.me/greenlion_global)

Instagram: [@greenlion_global](https://www.instagram.com/greenlion_global)