

Mamibot

ROBOT VACUUM CLEANER

EXVAC600 Marvlo

EN

USER MANUAL

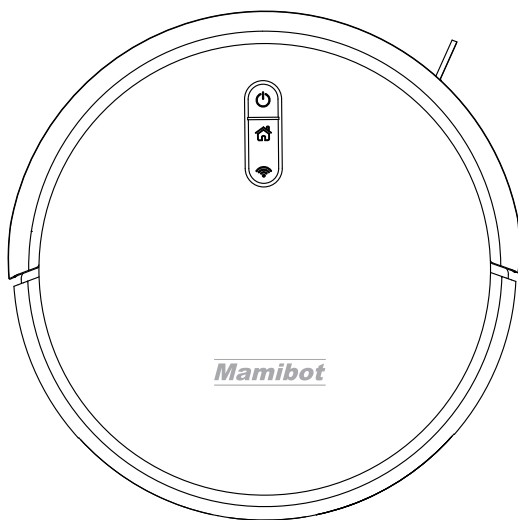
20250902 Ver.

Thanks for purchasing Mamibot gyroscope navigation robot vacuum cleaner EXVAC600.

We hope it will bring you a smarter and more convenient lifestyle.

If you encounter any problem not mentioned herein, please contact sales@mamibot.com.

For more details, please visit our official website:
<http://www.mamibot.com>.



Please read all instructions before using this product, and keep it properly for future reference.

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Safety Instructions

Please read all instructions carefully, and keep it in hands for setting up, using and maintenance. Any operation that against the following instructions may damage **EXVAC600** or cause injury.

Notes for Main Unit and Components

Warning

1. Do not disassemble, repair or refit EXVAC600 without authorization; otherwise it may damage EXVAC600 or pose a hazard.
 2. Do not use the product in an environment with risk of fire or explosion.
 3. Only the original charging station can be used; otherwise EXVAC600 may be damaged or catch on fire.
 4. Do not stand or sit on EXVAC600; doing so could damage EXVAC600 or cause it to fall over.
 5. When the metal part of the power plug is dusty, please wipe it with a dry mopping cloth.
 6. The power plug is applied to a 100-240V AC input voltage. Please plug it into the socket properly and keep away from children.
 7. Do not wash or soak the main body and electronic accessories in water; otherwise EXVAC600 may be damaged by a short circuit.
 8. Do not damage, load weight on, heat, pull or bend EXVAC600.
 9. During cleaning, please pay attention to the safety of toddlers and elders at home to avoid injury (Please pay special attention to toddlers).
10. This product is for home use. Please do not use it outdoors.
11. Do not allow metal and conductive materials to contact the battery; doing so may cause a short circuit.
12. Do not allow to be used as a toy. Close attention is necessary when used by or near children.

Attentions

1. Do not touch EXVAC600 with wet hands; doing so may cause an electric shock.
 2. Do not place EXVAC600 in places where it could easily fall, such as tables, chairs, high platforms in room, etc.
 3. The product has a sophisticated design and should be protected from long-term exposure to sunlight.
 4. Do not use EXVAC600 in humid environments, such as bath-rooms.
 5. Do not place EXVAC600 near cigarette butts, lighters or other open fires.
 6. Please clean EXVAC600 after charging finished.
 7. Please turn off the power switch when EXVAC600 is out of service for a long time.
 8. Please check carefully to see if the power cord is connected to the socket and charging station prior to use, to avoid damage to the robot.

9. Before using EXVAC600, please remove all vulnerable items on the floor, such as glass, lamps, and items such as wires and curtains that may entangle with the side brush and suction passages.

10. When the dust box is full, please empty it in time.

11. Please do not use EXVAC600 to clean the construction waste.

12. The operating temperature of the product ranges from 0℃-40℃; please do not use it in a high temperature environment.

13. Be aware that EXVAC600 just moves around on its own, please take care when walking in the area where EXVAC600 is cleaning.

14. Before EXVAC600 is scrapped, please remove the battery from the robot. When you remove the battery, please ensure that EXVAC600 is not connected to a power source. Please recycle the battery safely for environmental protection.

Notes for Battery

Danger

01. Always use a dedicated battery pack and charging station to avoid leakage, heating or explosion.

02. Do not short-circuit the battery or remove the battery; doing so may cause leakage, heating or explosion.

03. Do not transport or preserve with necklaces, hairpins, and other metal objects; doing so may lead to short circuit, resulting in leakage, heating or explosion.

04. Do not burn or heat the battery; doing so may cause leakage, heating or explosion.

Attention

01. If abnormal overheating is discovered during charging, stop using it immediately to avoid leakage, heating or explosion.

02. To prolong the service life of the battery, please remove the battery and place it in a cool, dry environment if it is out of service for a long time; this will avoid leakage, heating or explosion.

03. Do not soak in water or let it come into contact with any liquid; otherwise it may cause leakage, heating and explosion.

04. Be sure to stop using it immediately in case of any exception (e.g. discoloration or deformation), to avoid leakage, heating and explosion.

05. Always use tape to insulate the battery's electrode when recycling or disposing of it.

06. If the battery leaks, wipe it clean with a dry cloth, recycle it in time, or discard it.

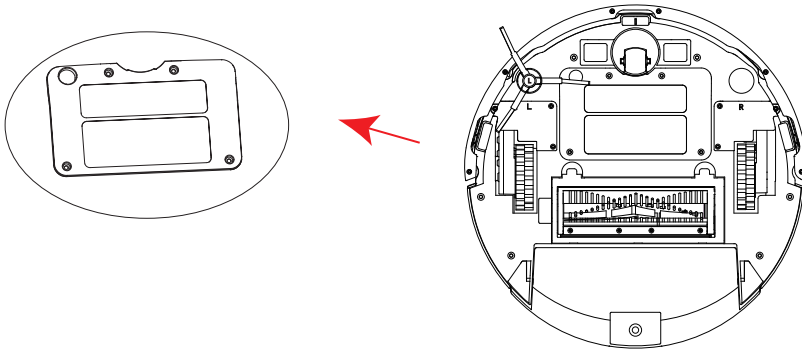
07. Put the recycled batteries in the recycling bins set up by the community, hotels, schools, large shopping malls, supermarkets, etc, or the hazardous trash can be collected by professional recycling agencies.

Discarded batteries must be removed and discarded in accordance with local laws and regulations.

⚠ Warning

1. When skin or clothing is exposed to the battery electrolyte, immediately wash with clean water to avoid inflammation of skin, etc.
2. Do not use the rechargeable battery on other devices. This battery is only suitable for EXVAC600.
3. If the battery's outer box is found to be deformed and expanded, or leakage of electrolytes is found, do not charge or continue to use to avoid danger.
4. Do not throw or inflict a strong impact on the battery; doing so may cause leakage, heating and explosion.
5. Do not disassemble the battery pack; doing so may cause battery explosion and electrolyte outflow, leading to fire, explosion and other dangers.
6. Battery pack should be replaced after 1 year of purchase.

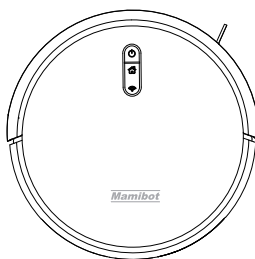
How to Remove the Battery



1. The battery must be removed from EXVAC600 before it is scrapped, and the battery must be put into the designated places or institutions according to the local regulations.
2. Before removing the battery, please switch off the robot.
3. Take out **four screws** on the bottom cover with a screw driver.
4. Take off the battery cover, unplug the electric wires and remove the battery pack.

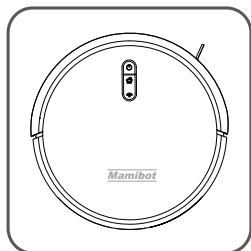
EXVAC600 Description

Specification

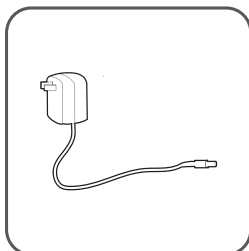


Product Model	EXVAC600
Product Name	Marvlo
Size of Main Unit	333*75 mm
Net Weight	About 2.7KG
Input	19V $\equiv$ 0.6A
Rated Power	18W
Battery Type	Li-ion Battery
Battery Capacity	2600mAh
Battery Voltage	14.4V
Dust Box Capacity	660 mL
Working Time	< 160mins
Charging Time	About 5-6 hours
※ The data come from the lab of Mamibot Manufacturing USA Inc. It may be slightly different from the users data, please subject to the actual products. For continous products improvmnt, we reserve the right to any technical and design change without prior notice.	

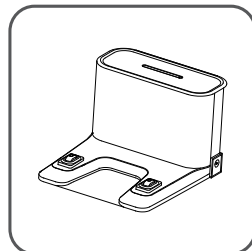
What's in the package



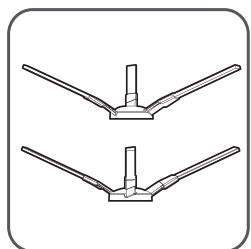
EXVAC600 x 1



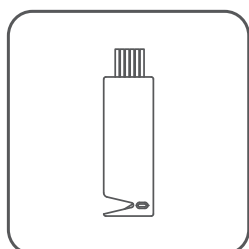
Adapter x 1



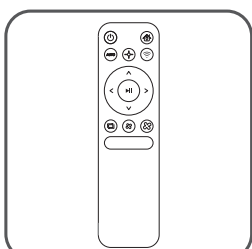
Charging Station x 1



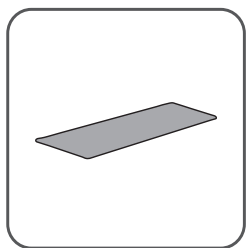
Side Brushes x 2



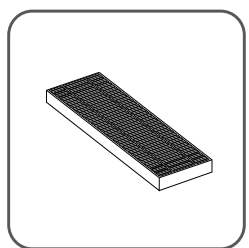
Cleaning Tool x 1



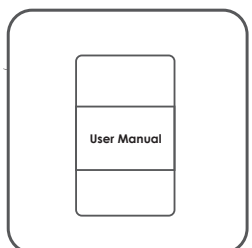
Remote x 1
AAA Battery x 2(Excluded)



Additional Sponge x 1



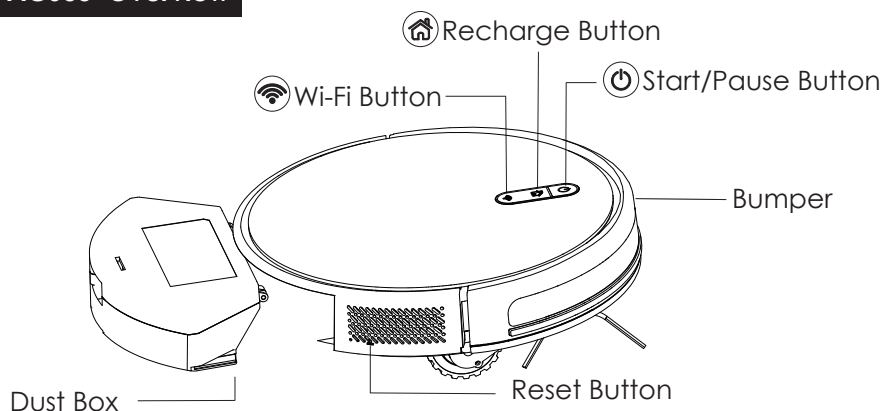
Additional HEPA x 1



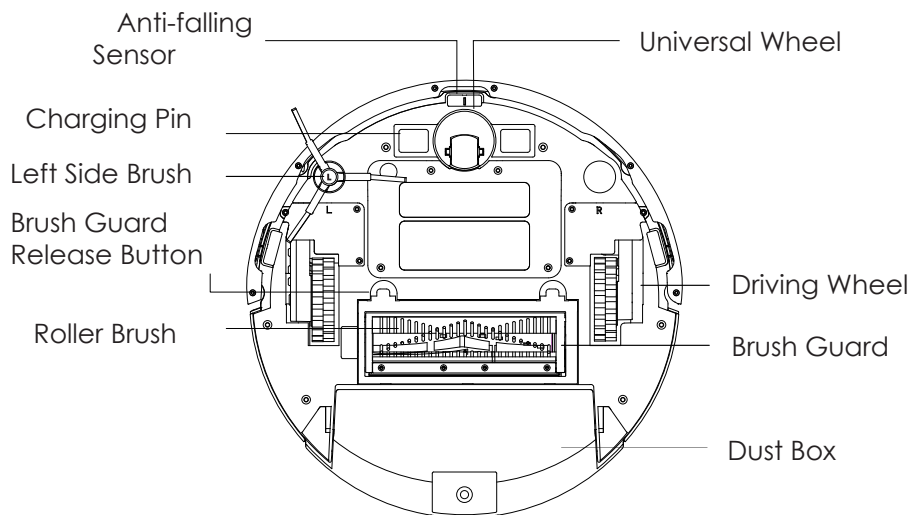
User Manual x 1

Accessories of different batches may be slightly different and they are subject to the actual received products.

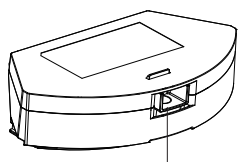
EXVAC600 Overview



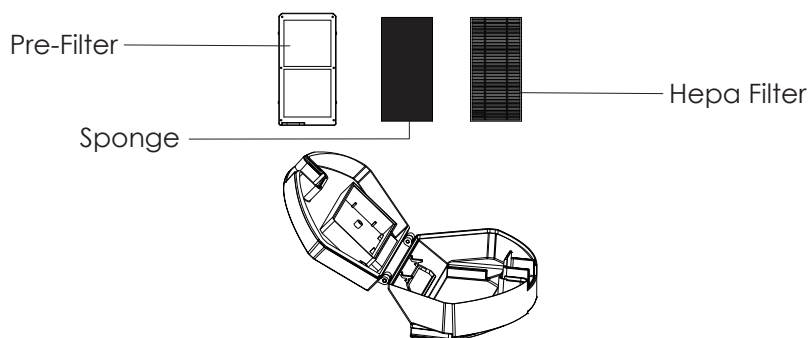
TOP VIEW



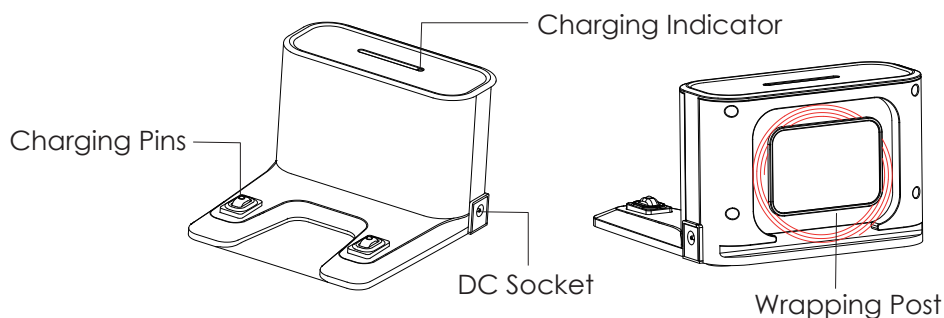
BOTTOM VIEW



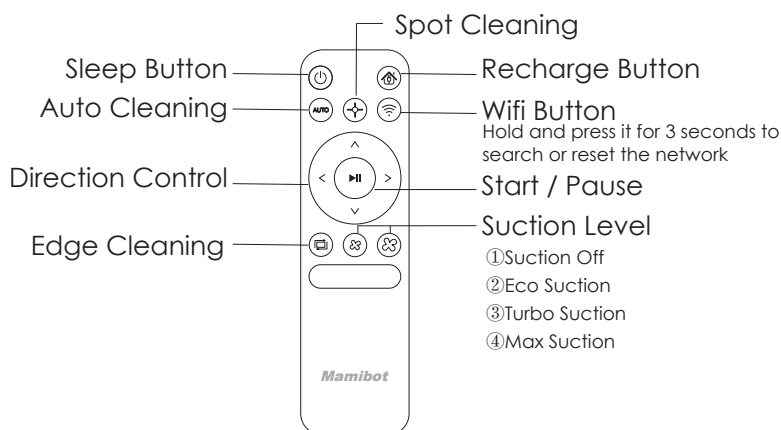
**Dust Box
Release Button**



DUST BOX



CHARGING STATION



REMOTE

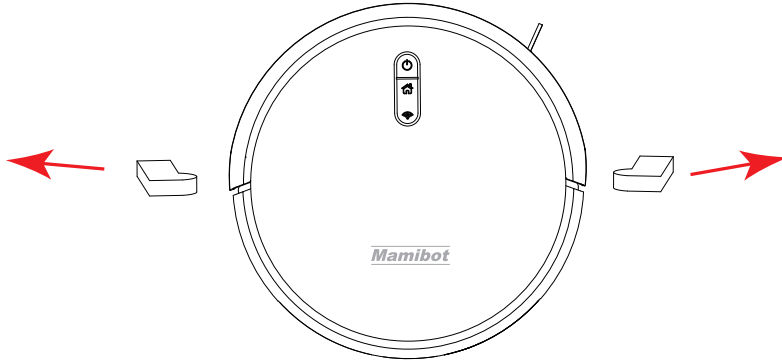
* Please put 2 pcs AAA battery into remote before use.

EXVAC600 Usage

Before Use

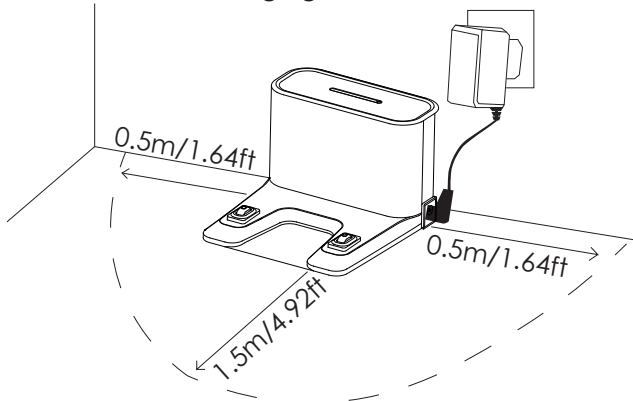
Remove The Protective Strip

Please remove the protective strip from both sides before use EXVAC600.

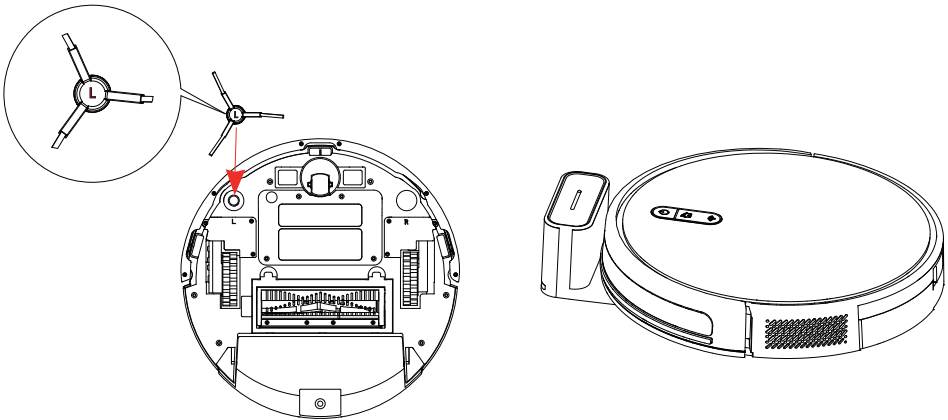


Robot Charging

1. Place the charging station on a flat ground and make sure the charging station against the wall.
2. Remove all objects within 0.5m/1.64ft of the left and right side, 1.5m/4.92ft of the front of the charging station.
3. Put the left and right side brush on EXVAC600, then connect the power source.
4. **Charging:** Place the robot on the charging station for recharge: the recharging indicator light on the robot will be in a breathing status. The indicator will be off when charging is finished.



* Please check the indicator light of the charging station and make sure it is in green.



5. Auto recharge: EXVAC600 will go to find the charging station automatically for recharge when the battery power is less than 20% or when EXVAC600 finishes the cleaning work.

Press the charging button on App or press the “” button on EXVAC600 will go to recharge automatically.

6. If the robot can not find the charging station, it will go back to the starting point automatically or stop at somewhere that the robot is out of battery power. Please put the robot back to charging station manually.

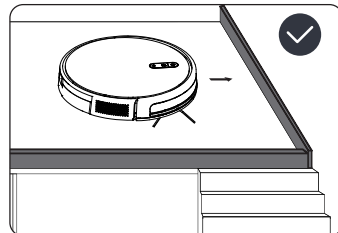
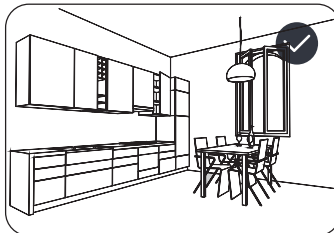
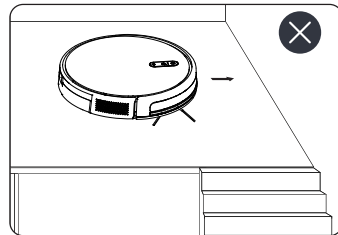
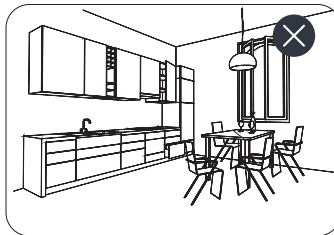
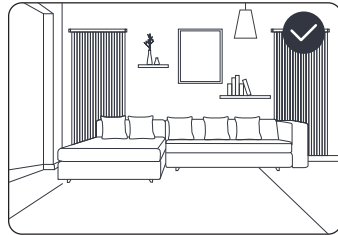
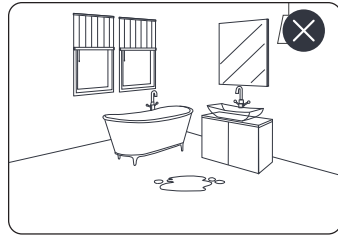
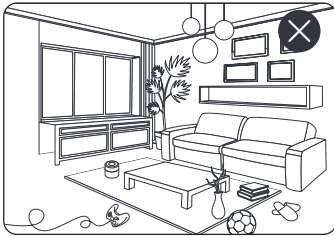
Note:

- Please keep the charging station connected with the power source, or EXVAC600 will not be able to find the charging station.
- EXVAC600 can only be charged by the original charging station and adapter provided by Mamibot.
- Do not use the charging station in a highly reflective environment such as the environment exposed to direct sunlight or with mirrors nearby.
- EXVAC600 may not be able to find the charging station quickly at initial use, the efficiency of finding charging station will be improved after working several times.
- The charging time will be about 5-6 hours.
- Please turn off the robot if it will be out of service for a long time.
- Please charge EXVAC600 in time when the battery is used up.
- The battery should be repaired and replaced by the after-sales service center or local seller.

Preparation

⚠ Notes

1. Before starting EXVAC600, please clean up wires and sundries scattered on the ground, and remove easy-to-fall, fragile, valuable and potentially dangerous items. Avoid being entangled, jammed, dragged, or knocked down by the robot; Or personal or property damage may be resulted.
2. Avoid using this product in a watery area, otherwise the vacuum motor may be damaged.
3. Please set the forbidden area or fences at the stairway or similar areas.



Switch On/Off

Hold and press  key for 3 seconds to switch on EXVAC600, power indicator light will be in solid blue and EXVAC600 enters standby mode. When EXVAC600 is in quiescent state, hold and press  key for 3 seconds to switch off EXVAC600.

Notes: The robot can not be switched off while charging.

Auto Cleaning

Press  key on robot or the button  on remote, or smart button on App to start auto cleaning, the robot automatically plans the cleaning path according to the map generated in "Zigzag".

Spot Cleaning

Press spiral button on App or the spot cleaning button  on remote to start spot cleaning.

* It is recommended to start the spot cleaning mode for heavy dusts area.

* EXVAC600 will go back to the start place after spot cleaning finished.

Edge Cleaning

Press wall follow button on App or the button  on remote to start the edge cleaning.

* EXVAC600 will go back to the charging station after edge cleaning finished.

Manual Control

Press the manual button on App or the direction panel  on remote to use EXVAC600 manually.

Schedule Setting

Log in the App, connect the robot with App properly. Enter the main interface of the device, press the button  to set the cleaning schedule.

Pause & Sleep Mode

While working, you can press  on robot or the button  on remote to pause the robot.

If EXVAC600 stops working more than 10 minutes, it will enter the sleep mode. Press  on robot to wake up EXVAC600, then press it again or press any other cleaning button on remote or App to start cleaning again.

- * Robot can not enter sleep mode while charging.
- * If the sleep time exceeds 10 hours, EXVAC600 will power off automatically.
- * Please keep the robot on charging station for next use.
- * Users can press the button  on remote to enter sleep mode, and press any buttons on remote to wake up the robot.

Fault State

If EXVAC600 encounters a fault while working, the power indicator blinks red slowly, users will get prompt from the robot or get message from the App, please check the robot with the troubleshooting.

- * Users can also press the **RESET** button on the robot with a little and thin needle to reset the robot.

Note:

Please clean up all the objects on the ground before cleaning, otherwise EXVAC600 may drag the cables and lead to the power off of other home appliances or damage of items or cables.

App Guideline

Wi-Fi Setup Requirements

Before Wi-Fi setup, please make sure that EXVAC600 and your Wi-Fi network meet the following requirements.

1. The Wi-Fi Network you are using is 2.4GHz router or a dual-band router. Generally, EXVAC600 does not support 5GHz frequency band.
2. The Wi-Fi network you are using supports 802.11b/g/n and IPv4 protocol.
3. Please make sure that there is no illegal character in your SSID, or the Wi-Fi may not be recognized.
4. Please don't use a virtual Private Network(VPN) for connection.
5. Please make sure that your password is correct when entering.
6. Please make sure EXVAC600 is fully charged or on the charging station, and EXVAC600 is switched on.
7. Please make sure that you hear the voice of "connecting work" when connects, and the Wi-Fi status light blinks blue slowly.
8. Please make sure that your EXVAC600, Router and Smartphone are as close as possible.

Wi-Fi Indicator Light



Blinks blue slowly: EXVAC600 is waiting for connecting.

Blinks blue quickly: EXVAC600 is in connecting.

Solid blue: EXVAC600 is connected.

Goes off: EXVAC600 is unconfigured or is switched off.

App Connecting and Use

1. App downloading

Scan the below QR code (Fig. 1) or (Fig. 2) to download the App of "Smart Mamibot" or "Smart Life" from App Store (IOS devices) or Google Play (Android devices).



(Fig. 1)

Smart Mamibot



(Fig. 2)

Smart Life

2. Log in/Register "Smart Mamibot" or "Smart Life" ID.

Enter the App, log in with your "Smart Mamibot" or "Smart Life" ID

directly, or follow the instructions and create a new user ID, then log in and enter App interface as Fig.4 (we take "smart life" as an example to demonstrate).

3..Connect EXVAC600 to the App.

Tap the "+" icon or "Add Device" and enter the interface as Fig.5 to add EXVAC600:

- 1). Turn on the Bluetooth on your smart device first.
- 2). Hold and press the Wifi button  on the robot or the remote for 3 seconds until the robot says "conneting network", the Wi-Fi icon will blink



Fig.3

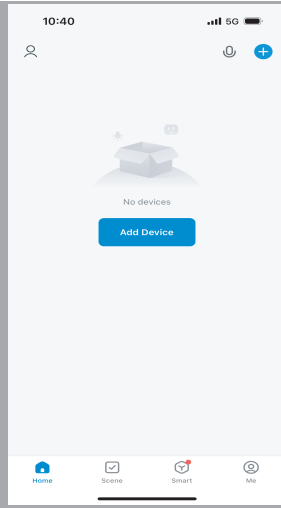


Fig.4

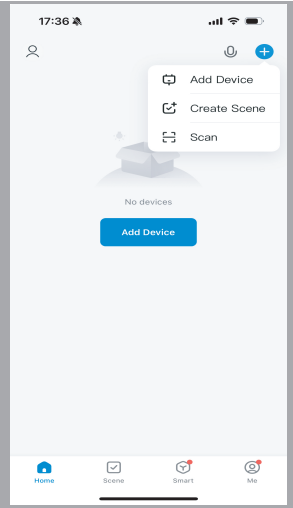


Fig.5

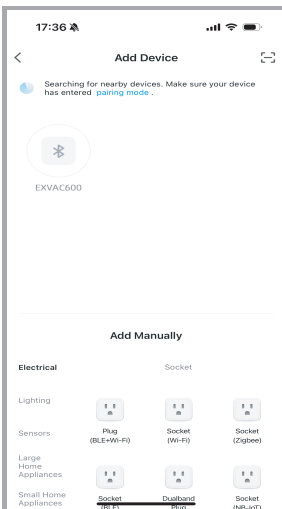


Fig.6

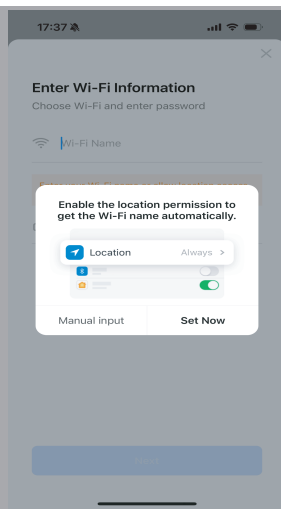


Fig.7

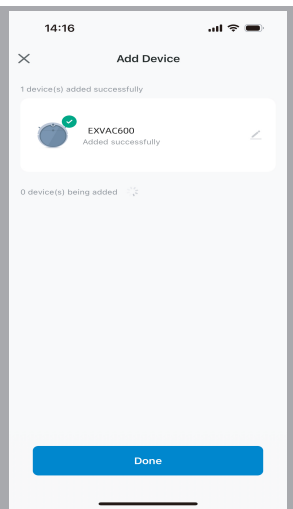


Fig.8

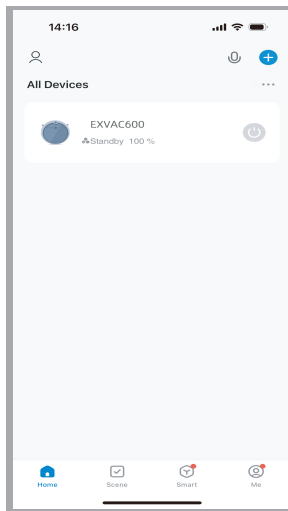


Fig.9

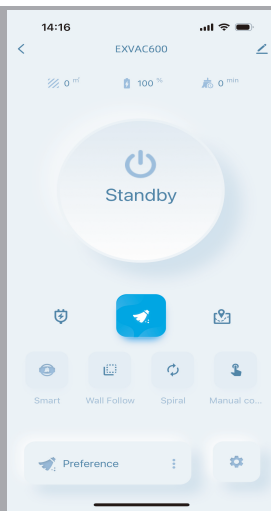


Fig.10

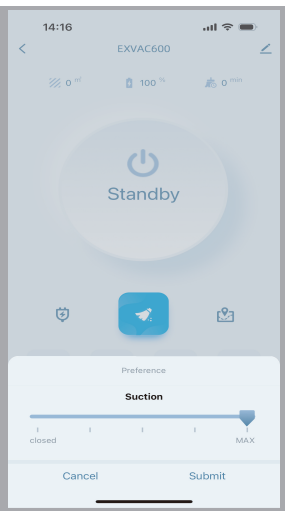


Fig.11

blue slowly, and the App will search the robot automatically (Fig.6).

3). Click the device that was founded, and turn on the local permission of your smart device (Fig.7) to get the Wi-Fi name automatically, then input your password and confirm it (Fig.8).

4). The App will connect the robot automatically (Fig.9, Fig.10).

5). Users can also connect the App as **the route**: Add device → Small home appliance → Clean → Robot Vacuum (BLE+Wi-Fi) → Bluetooth/Wi-Fi Mode, then follow the instruction manual to finish the connection.

* **Reset Wi-Fi**: If your smart device fails to connect to the robot due to reasons such as change of router settings, forgetting of password or some other reasons, please enter the Wi-Fi configuration mode on your smart device according to the network connection instructions.

* If the robot is in waiting for connection state for more than 3 minutes, the Wi-Fi function will automatically close.

4. How to use the EXVAC600 via App

A). Enter the interface of Fig.10, it provides users visibility of all operation buttons. Please place the robot on the station and make it fully charged.

B). Cleaning mode: Smart cleaning, Wall follow cleaning (namely edge cleaning), Spiral cleaning (namely spot cleaning) and manual control.

C). Cleaning Preference: enter the preference interface (Fig.11) to set the suction level.

D). Click the icon  to check the cleaning map as Fig.12.

E). More functions please click the icon  on the main interface and enter the interface of Fig.13, users can set the cleaning schedule, seek the robot, check the cleaning record, check the lifetime of the

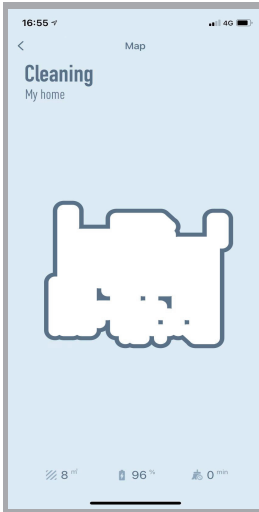


Fig. 12

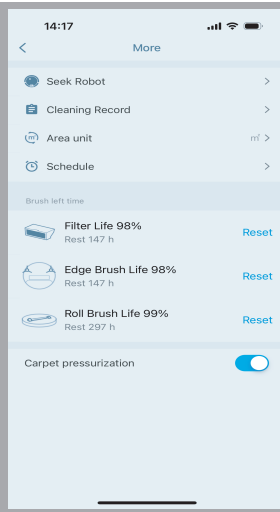


Fig. 13

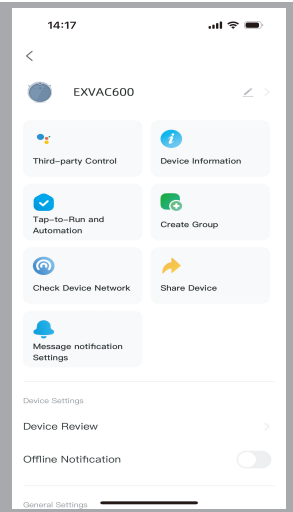


Fig. 14

consumables, turn on / off the carpet boost, etc in this interface.

F). Click “” on the main interface and enter into the interface Fig.14, users can get to know the guides of connecting EXVAC600 to the third-party, such as Alexa, Google home, etc, to create group, to share the device to family, to check device information, to update the firmware of the robot and remove the device.

Note:

*The operation guides or interfaces may be different from the final product, please subject to the actual products.

*In order to improve the product, we reserve the right to upgrade the App or the products without prior notice or obligation.

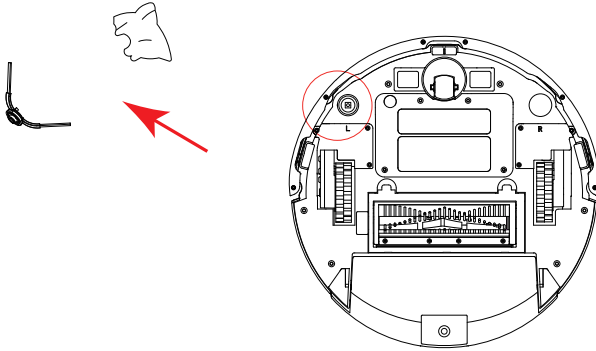
*Please keep the main power switch on so that EXVAC600 can start cleaning work according to your schedule.

*Please make sure the battery is higher than 20%, if the battery is less than 20%, EXVAC600 will go to recharge automatically.

Cleaning and Maintenance

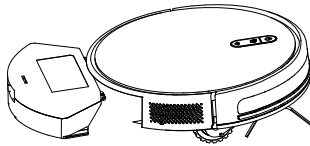
Clean the Side Brushes

- The side brush can be bent or damaged after being used for a period time. Pull off the side brush and clean it with the cleaning tool or soft mop, or replace it with new side brush.
- The side brush can be reshaped with hot water if deformed: please put the side brushes into hot water for about 10 minutes, then take them out (Please take care of yourself to avoid being scalded by hot water).

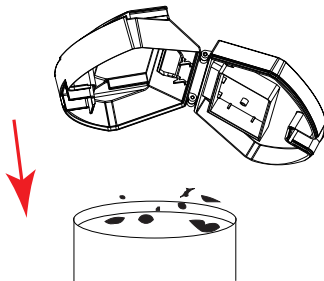


Clean the Dust Box

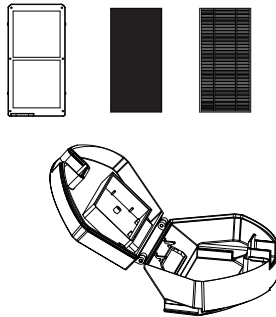
- 1). Press the dust box release button to pull the dust box out.



- 2). Open the dust box and empty the debris.

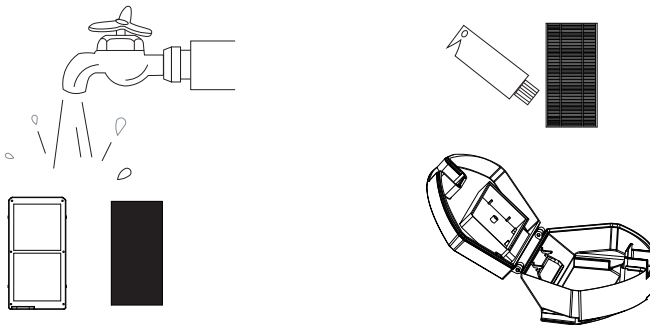


3). Remove the pre-filter by pulling the hooks on the pre-filter, take out the sponge and Hepa.



4).

- Clean the HEPA cleaning tools.
- Clean the dust box with cleaning tools or soft moist mop.
- Clean the Pre-filter with clean water.



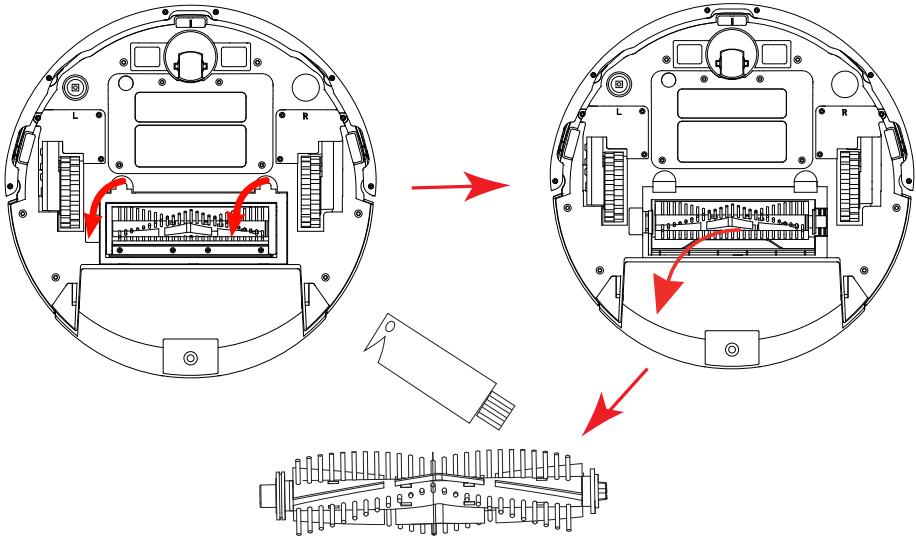
5).

- Dry the dust box, Hepa, pre-filter and sponge, do not exposure the HEPA in the sunlight.
- Put the sponge, pre-filter, HEPA back together into the dust box, then put the dust box back into the main unit.

* Before installing the filters, ensure that the pre-filter, sponge and HEPA filter are dry.

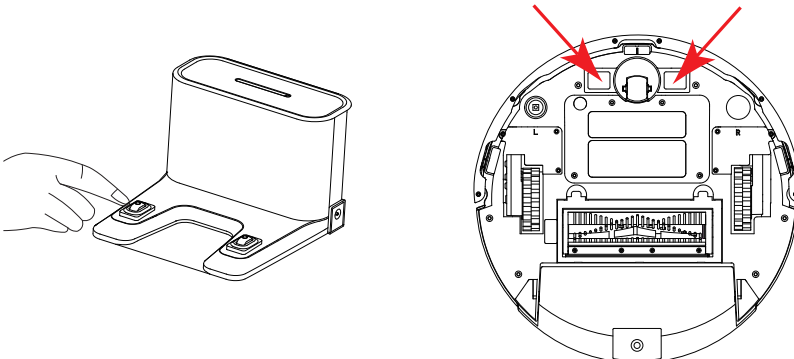
Clean the Roller Brush

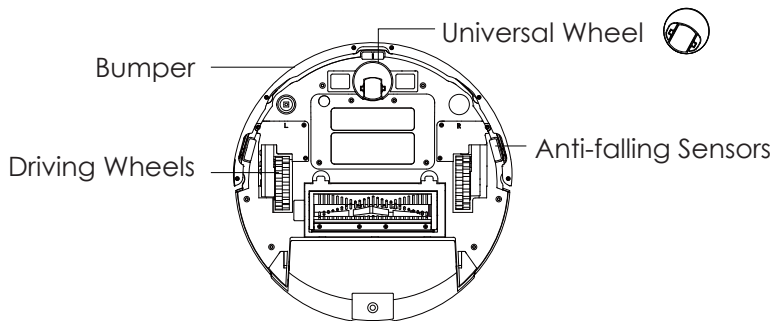
- 1). Release the brush guard and pull out the roller brush.
- 2). Clean the roller brush with cleaning tool.



Clean the Other Parts

- Clean the charging pins on EXVAC600 and charging station with dry and soft mopping cloth.
- Clean the Anti-falling sensors with dry and soft mopping cloth.
- Clean the bumper with dry and soft mopping cloth.
- Pull out the universal wheel and clean the hair or debris wrapped or entangled with the wheel, then reinstall it after cleaning finished.
- Turn over the side wheels manually, clean them with dry and soft mopping cloth.





* Charging pins, anti-falling sensors, bumper, driving wheels, etc, contain sensitive electronic components, please do not use wet cloth for maintenance.

Maintenance Frequency

Part	Maintenance Frequency Recommended
Side Brush	Cleaning weekly; Replacement every 3-6 months.
Roller Brush	Cleaning weekly; Replacement every 3-6 months.
Dust Box	Cleaning after each use.
HEPA	Cleaning weekly; Replacement every 3-6 months.
Pre-filter	Cleaning weekly.
Sponge	Cleaning weekly; Replacement every 3-6 months.
Universal Wheel	Cleaning monthly.
Anti-falling sensors	Cleaning weekly.
Bumper	Cleaning weekly.
Charging Pins	Cleaning weekly.
Charging Station	Cleaning weekly.
Note: Above frequency is only for your reference. The final cleaning / replacement frequency should subject to your exact use frequency.	

Troubleshooting

Problems	Solutions
EXVAC600 can not be charged.	• Make sure the charging cord connects with power source and charging station correctly and the indicator light is on. • Clean the charging pins on both the charging station and EXVAC600 with dry and soft cloth, then charge again.
EXVAC600 can not be activated.	• Make sure the main power switch is turned on. • Make sure EXVAC600 is fully charged.
EXVAC600 Stops working suddenly.	• Check the battery status. • Make sure the cleaning mode is not in Spiral Cleaning . • Check the working conditions and make sure EXVAC600 is not trapped by obstacles. • Reset EXVAC600.
EXVAC600 does not work as scheduled.	• Make sure the main power switch is turned on. • Make sure EXVAC600 is fully charged. • Make sure EXVAC600 is not stuck at some places.
EXVAC600 goes back to recharge before finishing cleaning.	• EXVAC600 will go back to recharge if the battery is lower than 20%, make sure it is fully charged. • Reset EXVAC600.
The working path and map of EXVAC600 is abnormal.	• Remove the objects, such as cables, shoes from the floor. • Clean the anti-falling sensors and bumper with soft cloth. • Keep the wheels dry, the path of EXVAC600 will be abnormal if the wheels are wet. • Upgrade the latest version of firmware through App setting. • Reset EXVAC600.
EXVAC600 step back when working.	• Clean the Infrared sensors and the bumper with soft cloth.
Suction power is weak than before.	• Clean and empty the dust box. • Clean the pre-filter, sponge and HEPA and dry them. • Clean the roller brush. • Clean the suction inlet.
EXVAC600 can not connect to users' Wi-Fi network.	• 5G router network is not available for EXVAC600. Make sure the router network supports 2.4GHz. • Keep the router, EXVAC600 and smartphone be closer to each other, proceed with connection as per manuals & App instructions.

Problems	Solutions
EXVAC600 can not connect to Alexa or google home.	• Make sure users have installed Alexa or google home App. • Make sure users have followed the guide of connection. • Make sure the local network supports Alexa or google.
EXVAC600 repeat clean some areas.	• Make sure the floor is dry. • It is normal that EXVAC600 repeat clean some areas some time due to the gyroscope navigation technology.
There is abnormal noise during cleaning.	• Check the roller brush, side brush, universal wheel/driving wheels, make sure all of them work well without entangled.
EXVAC600 missed some areas during cleaning.	• Please check the bumper and anti-falling sensors, clean them, and also make sure the bumper can rebound normally.
EXVAC600 can not find the charging station sometimes.	• Please clean up the objects in the rooms. • Please do not move the robot manually during cleaning. • Check the Wi-Fi signal, make sure the robot is under the coverage of Wi-Fi signal. • Please put the robot back to the charging station manually.
Notice: • EXVAC600 is only for indoor cleaning, it works well on the hard floor, wooden floor, marble floor or short carpet floor. Please also keep regular cleaning for EXVAC600. • Please contact the local distributor or after-sales service center if the problem still can not be solved after taking these measures.	

Attention:

All the referred trade marks in the manual: Alexa, google home, google play, Apple, App store, Tuya, Smart Life, etc, the trademarks belong to its registered company in the correspond countries or areas.

Warranty

- The EXVAC600 has a 1 year limited warranty against original defects in workmanship or material.
- The warranty only applies to the authorized distributors.
- Improper usage or not in accordance with the user manual will void the warranty.
- The application of force majeure will be invalid.
- Normal reductions, such as battery aging, hepa aging are not guaranteed.

* Please keep and provide your proof of purchase, S/N when make a claim.

Recycling & Compliance



The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.



The product is in compliance with Directive 2014/53/EU and EMC Directive 2014/30/EU.

We reserve the right to changes in text, design, and technical specifications which are subject to change without prior notice.

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