

ZACO
V5 Max
Robot
Saugro Boter



ZACO V5 Max Robot Saugro Boter User Manual

[Home](#) » [ZACO](#) » ZACO V5 Max Robot Saugro Boter User Manual 

Contents

- 1 ZACO V5 Max Robot Saugro Boter
- 2 Product Anatomy
- 3 Product Operation
- 4 Product Usage Instructions
- 5 FAQ
- 6 ZACO Customer Service
- 7 Safety instructions
- 8 Product Composition
- 9 Product Operation
 - 9.1 Charging station
 - 9.2 Select cleaning modes
 - 9.3 Water tank operation
- 10 App Download
- 11 Maintenance
 - 11.1 Cleaning of water tank components
 - 11.2 Cleaning of side brushes
 - 11.3 Cleaning of charging contacts
- 12 Troubleshooting
- 13 Product Specification
- 14 ErP information
- 15 Frequency Band
- 16 EU Declaration of Conformity
- 17 Documents / Resources
 - 17.1 References
- 18 Related Posts

ZACO

ZACO V5 Max Robot Saugro Boter



Product Anatomy

The robot consists of various components including Auto Button, Bumper Home Button, Charging Pins, Side Brushes, Side Wheels, Cliff Sensors, Nose Wheel, Battery Lid, Roller brush, Dual Tank (Dust and Water Tank), Dustbin Release Button, Dustbin Cleaning scraper.

Product Operation

Precautions:

- Due to the complexity of the home environment, the robot may skip some areas. For best results, use it daily and remove obstacles on the floor before starting.
- Remove cables and objects that could entangle the robot before cleaning.
- Tuck carpet fringes under the carpet before cleaning.
- Neatly arrange furniture to avoid the robot getting stuck during cleaning.

Product Usage Instructions

Charging the Robot:

Place the robot on the charging station to charge. Ensure the charging pins align correctly.

Selecting Cleaning Modes:

Use the remote control to select different cleaning modes such as auto, spot, or edge cleaning.

Water Tank Operation:

Fill the water tank with water for mopping. Note that driving up slopes may be impaired if the tank is full.

App Download:

Download the ZACO app for additional control and monitoring features.

Maintenance:

Regularly clean the dustbin, filters, water tank components, side brushes, and charging contacts for optimal performance.

Troubleshooting:

Refer to the troubleshooting section in the manual for common issues and solutions.

FAQ

- **How often should I clean the filters?**

It is recommended to clean the filters every 1-2 weeks for efficient operation.

- **Can the robot climb over obstacles?**

The robot is equipped with sensors to avoid obstacles, but it's best to remove potential hindrances before cleaning.

- **How long does the battery last?**

The battery life varies based on usage but typically lasts for a cleaning cycle of about 90 minutes.

Dear Customer,

thank you for choosing the ZACO V5 Max robotic vacuum cleaner! You are now among the millions of people who clean with robots – the smarter way to get things done.

Please take a few minutes to read this manual and familiarize yourself with your robot so you can get the best performance out of it. If you have a problem, please contact the ZACO customer service first or visit our website www.zaco.eu for more information.

Best regards,

ZACO Customer Service

ZACO Customer Service**Customer Service Number**

- 00800-42377961 (European Free Call)
- 0209-513038-38 (Direct Line – DE)
- support@zaco.eu
- www.zaco.eu

Safety instructions**Warnings**

- This robot must not be used by children under the age of 8 years or mentally handicapped persons if they are not supervised. Children must not sit on the robot or use it as a toy.
- Attend to the robot immediately if an error occurs during cleaning. Before using the robot, remove all power cords and small objects on the floor. Tuck the fringes under the carpet and make sure that curtains and tablecloths do not come in contact with the floor.
- If there are hanging steps or stairs, please test whether the robot can detect them before use. If not, please set up barriers to avoid falling and make sure that the barriers cause no harm to people.

- Follow the instructions in this user manual. Only use accessories approved or recommended by the manufacturer.
- Make sure that the voltage of the charging station is compatible with the voltage of the power supply.
- Use the robot indoor and in a domestic environment only.
- Do not use it outdoors or in commercial or industrial spaces.
- Only use adapters and charging stations approved by the manufacturer.
- Do not use non-rechargeable batteries. Details of the battery standards can be found in the “Product specifications” section.
- Do not immerse the robot in water or rinse it under the water tap.
- Do not clean the robot with a dripping wet cloth.
- Do not use the robot on floors with standing water.
- Do not use the robot near fire or fragile objects.
- Keep cloth, human hair, fingers and other body parts away from the suction opening and drive system of the robot.
- Do not use the robot on floors with decorative stones or whether there is a lot of paper lying around so that these do not get stuck and damage the robot.
- Do not use the robot in areas with flammable substances such as petrol, toner, etc. Also, do not use the robot to clean up burning objects such as cigarettes, ashes or matches or other things that could cause a fire.
- Do not use a damaged charging station.
- Do not lift the robot or the charging dock by the power cord, keep the power cords away from heat and avoid pinching the power cord on doors, sharp edges or corners.
- Damaged power cords must be repaired by manufacturer’s repair service or by certified technicians.
- Install dustbin and filters properly before using the robot.
- Do not use damaged power cords or charging stations to recharge the robot.
- Do not use the robot if it has been damaged by being dropped or immersed in water.
- Switch the robot off at the power switch if the robot will not be used for a longer period of time.
- Switch the robot off at the power switch before cleaning or servicing it.
- Unplug the power cable from the charging station before cleaning or maintaining the robot.
- Remove the battery before disposing of the robot.
- Robot and battery are to be disposed in accordance with local safety regulations.
- Do not burn the robot to prevent an explosion..
- Follow the instructions in this user manual. Manufacturer is not liable for damage caused by improper use.

Product Composition

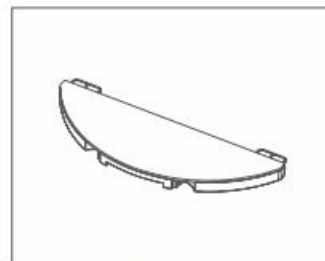
List of Accessories



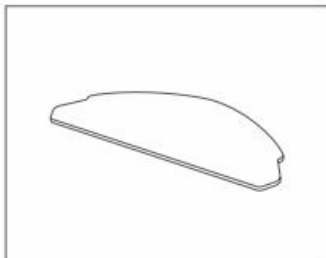
Main Device



Charging station



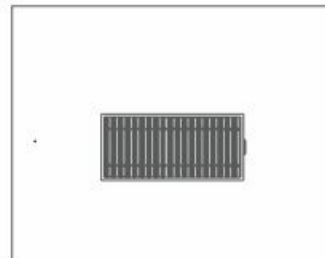
Mopping Plate



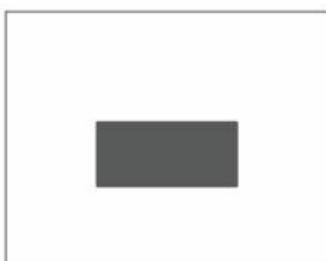
Mop Cloth



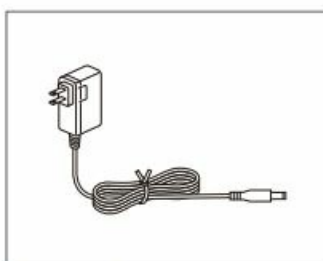
Extra Side Brush 2x



High Performance Filter



Sponge



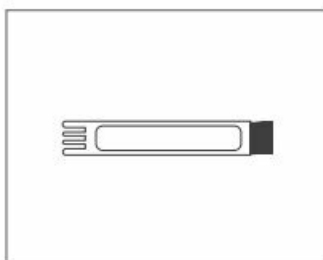
Power Adapter



User Manual

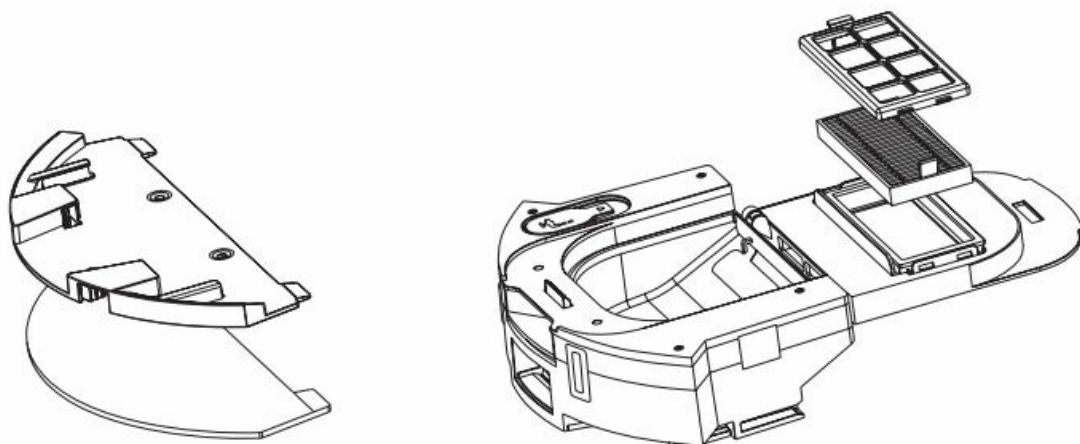
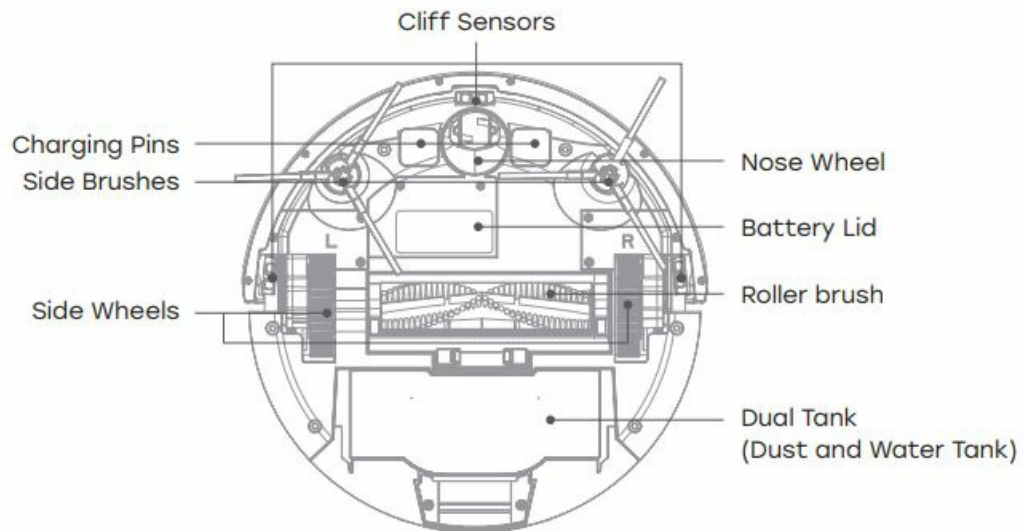
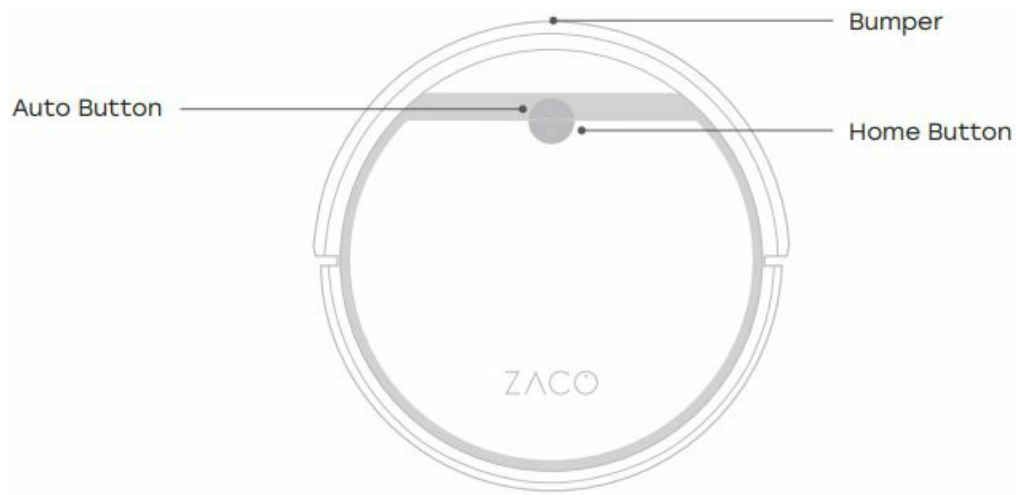


Remote Control



Cleaning tool

Robot anatomy



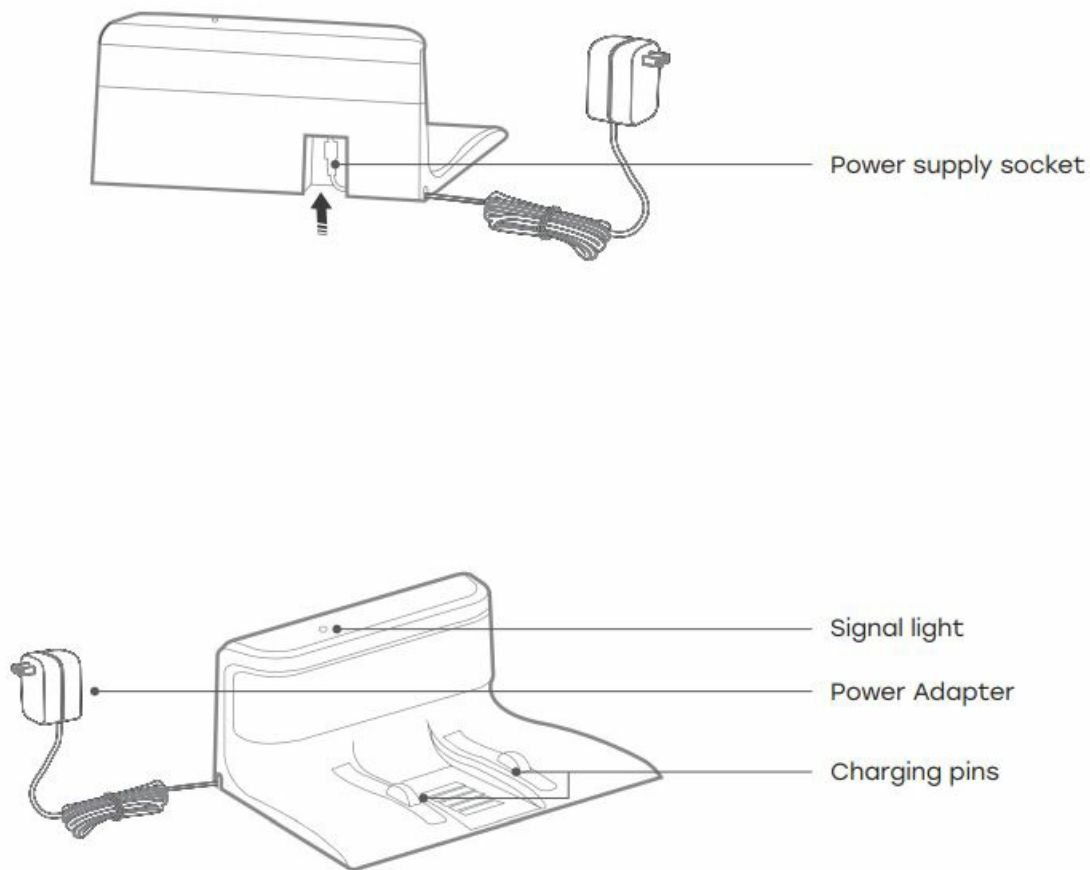
Mopping Plate Assembly

Dual Tank (Dust and Water Tank)

Note

If the water tank is filled with water, the robot's ability to drive up slopes may be impaired.

Charging station



Robot button status

Auto Button	Turn off	Press and hold for 3 seconds	Turn on the robot
	Turn on	Press the button once	Start / Stop cleaning
		Press and hold for 5 seconds	Turn off the robot
Home Button	Turn on	Press the button once	AUTO charge

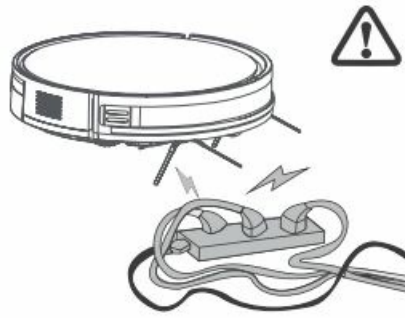
Power indicator	Green	Battery Power > 15%
	Orange	Battery Power < 15%
	Red	Failure or abnormality

Product Operation

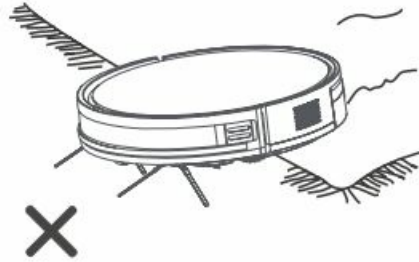
Precautions

Due to the complexity of the home environment, the robot may skip some areas. To achieve the best result, we recommend using it daily and removing any obstacles on the floor before starting the robot.

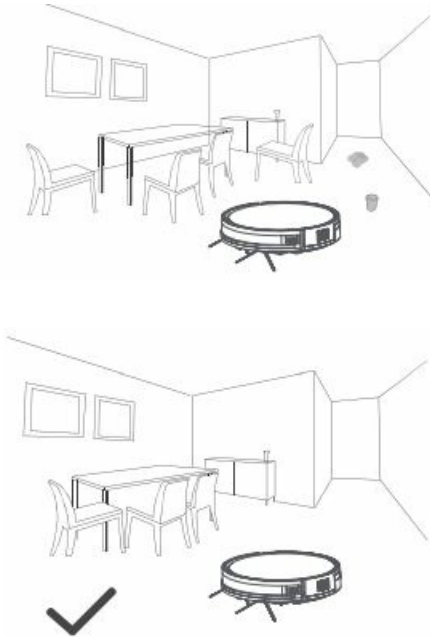
- Please remove cables and other objects that could become entangled in the robot before cleaning.



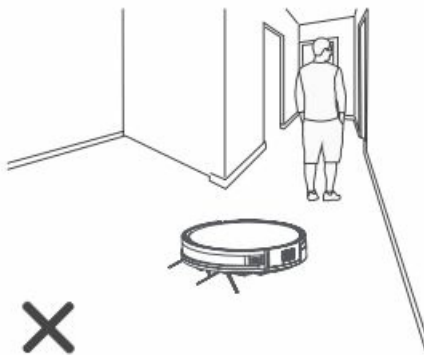
- Tuck the carpet fringes under the carpet before cleaning.



- To avoid being stuck during cleaning, please arrange the furniture neatly. Tidy up the room.



- Please do not stand in narrow places such as door thresholds or corridors so that the robot is not blocked and skips some areas.



- Please do not stand underneath when the robot is working above you so that you cannot get injured by any falling objects.

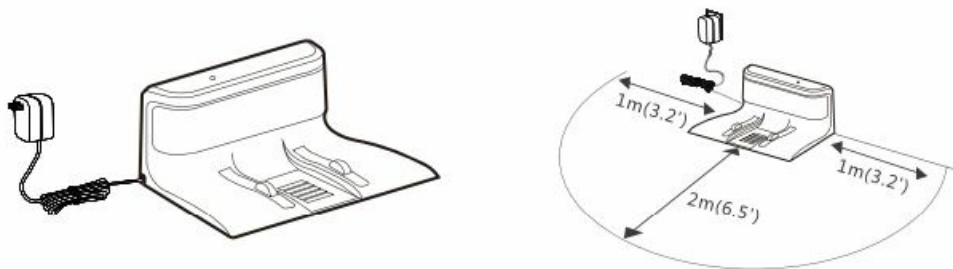


Charging station

Placement of charging station

- Connect the adapter with the charging station.
- Placement of the charging station: Place the charging station against the wall horizontally. Keep a minimum distance of 1 m to both the left and right of the charging station and 2 m in front of the charging station. There must also be no reflective objects such as a mirror near the charging station.
- Connect the power.

REMINDER When the charging station is connected to the adapter, the signal lamp of the dock will light up.



Turn on the robot

Press and hold the AUTO button for 3 seconds to turn on, and press and hold it for 5 seconds to turn off.



Note

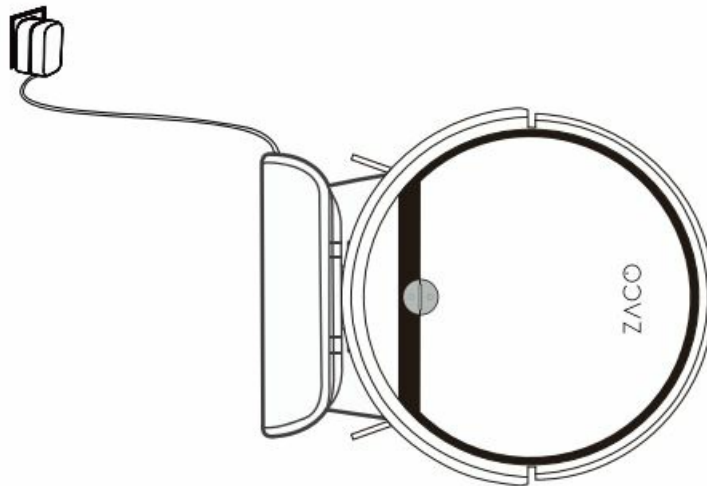
- After the robot has finished its work, please do not switch it off, but fully charge it for the next use.
- If the robot interrupts its work for more than ten minutes, it will switch to sleep mode. If you want to wake the robot up again, you must press the AUTO button once.

Placement of charging station

- Please place the robot on the charging station.
- If the AUTO button is flashing orange, the robot is charging. The button lights up green when it is fully charged. The light then switches off and the device goes into sleep mode.
- Charge the robot for 6 hours before using it for the first time.

REMINDER

Please keep the charging pins clean during daily use to ensure a smooth charging process. Please leave the robot on the charging station for daily use and make sure that the charging station is connected to the power supply and the switch on the robot is turned on. If you do not use the robot for a long period of time, please fully charge it, switch it off and store it in a well-ventilated, dry place.



Start cleaning

After waking up the robot, you can press the AUTO button once, and the robot will start cleaning automatically.

- Before starting cleaning, make sure that the AUTO button and HOME button lights on the robot flash simultaneously and that the robot is in wake-up mode. If the robot is sleeping, please press the AUTO button once to wake it up.
- If you want to select other modes, please operate the APP.
- The robot performs autonomous path planning during the work process. If it is moved manually or operated via the APP (except when paused), the robot will re-plan the path and may clean the cleaned area. To ensure the working efficiency of the robot, please do not manipulate the robot. (If the robot is lifted, it will alarm and stop cleaning, and you need to press the Auto button or operate the APP to restart cleaning)



Pause

When the robot is working, you can pause the robot by pressing the robot's AUTO button or the "standby" button in the APP.

REMINDER

The Robot automatically switches to Sleep Mode if no action is taken for 10 minutes. If you want to start the robot

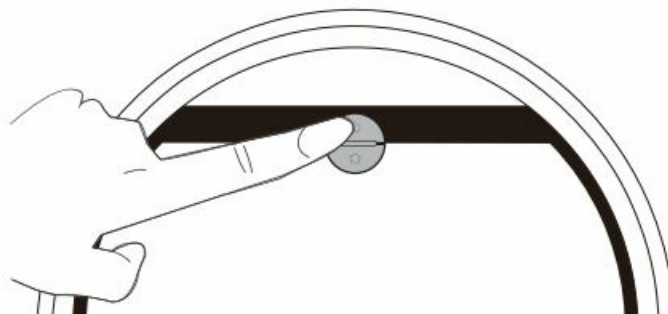
again, please press the AUTO button once to wake up the robot. The robot will work out a new cleaning path and clean the areas again which have been cleaned before.

Note

After the sleeping robot has been woken up from pause mode, it needs to be restarted to begin cleaning and the robot will not resume the last unfinished cleaning.

Sleep mode

The robot automatically switches to sleep mode if nothing is done for 10 minutes.



Select cleaning modes

This product can set a variety of cleaning modes through the APP to adapt to different floor conditions and achieve deep cleaning.

Auto charge

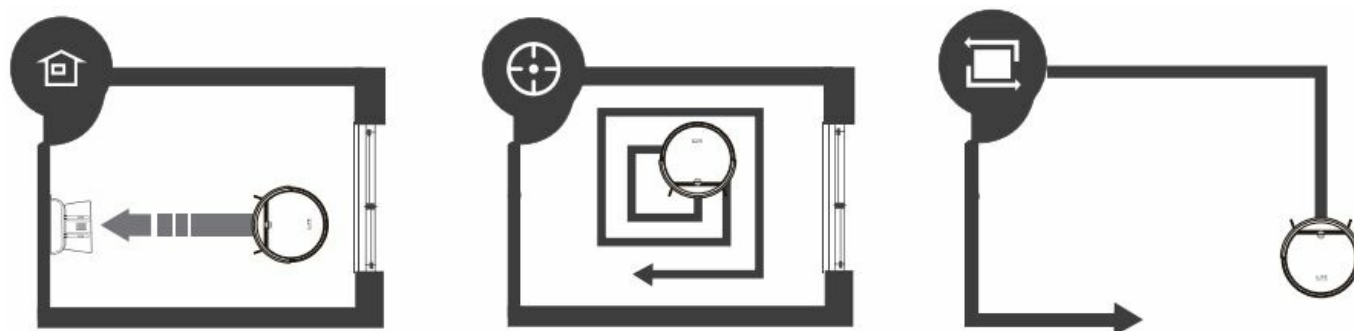
The robot can detect a low power level during the cleaning process and automatically activate self-charging mode and search for the charging station.

Spot mode

This mode is suitable for floors with a high concentration of dirt. The robot follows a “spiral” route in a specific area to remove particularly stubborn dirt.

Edge Mode

This mode is mainly intended for cleaning corners indoors. The robot cleans along the edge of solid objects, such as walls.



Water tank operation

The water tank, including the mop cloth, is already pre-installed when unpacking. Please fill the water tank with water before mopping. It is recommended to vacuum the floor before mopping. For daily care, please read the tips in the corresponding chapter in this manual.

Note

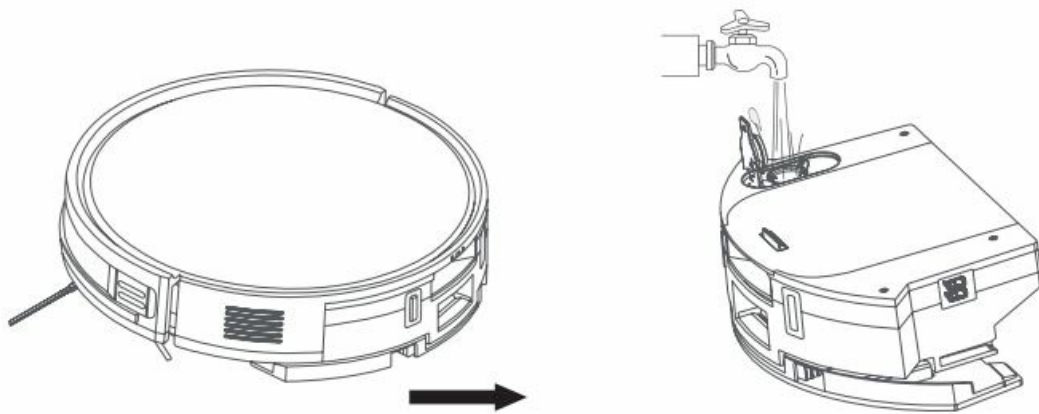
1. Please do not allow the robot to mop on carpets or rugs.
2. To refill the water tank, you must remove it from the robot. Make sure that you refill the water tank and clean the mop and the mopping plate in good time, even during the mopping process if they are very dirty.
3. Make sure that you remove the mopping plate with the wet mop after mopping before the robot is charged at the charging station.

Remove the water tank

Press the release button for the water tank and pull the tank backwards to remove it.

Add water

Open the lid of the water tank and fill the tank with water. Close the lid tightly again after filling with water.

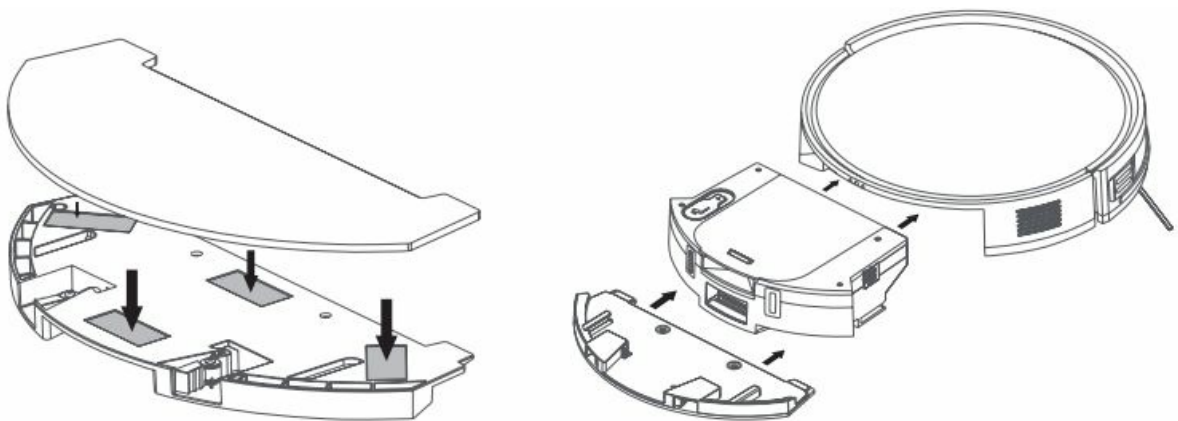


Place the mop cloth

Attach a mop to the mopping plate before you attach it to the water tank.

Install water tank

After you have connected the mopping plate and the water tank, push them back into the robot. When you hear a “click” sound, it is firmly installed. You can press the mopping button to automatically execute the corresponding mopping mode.



App Download

1. Scan the QR code to install the app. Or search “ZACO Smart” in the iOS App Store or the Google Play Store and download the App.



2. Register and log in to the app.



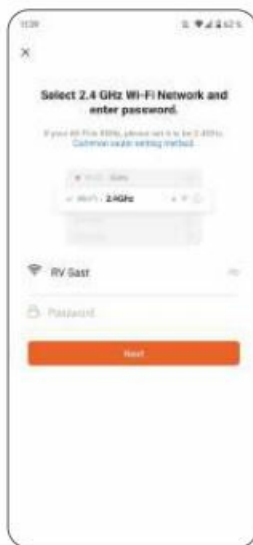
3. Click "Add a device" or "+" in the top right corner.



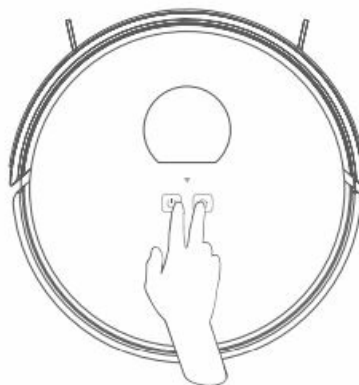
4. Select your device model.



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



6. Press and hold both buttons (Home & Power Button) simultaneously for at least 3 sec., until you hear the voice prompt “AP mode” and the Wi-Fi indicator light flashes.



7. Select the “SMARTlife-XXXX” WiFi on your mobile device to connect to the device.



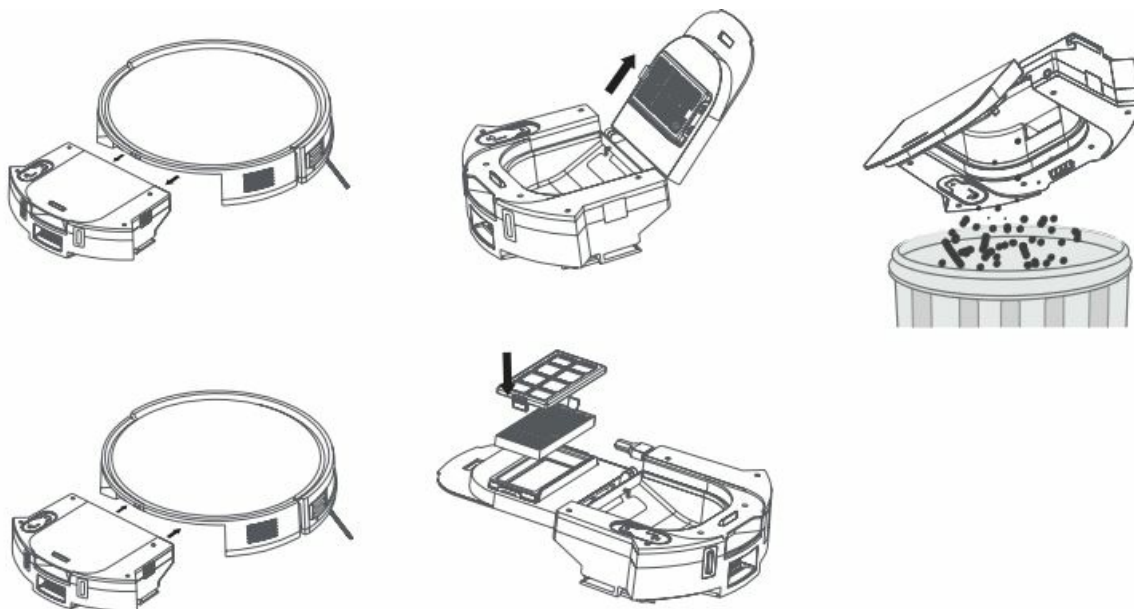
8. Return to the ZACO Smart App.



Maintenance

Cleaning of dustbin and filters

Please switch off the robot before cleaning any spare parts. Also remember to cut off the power.

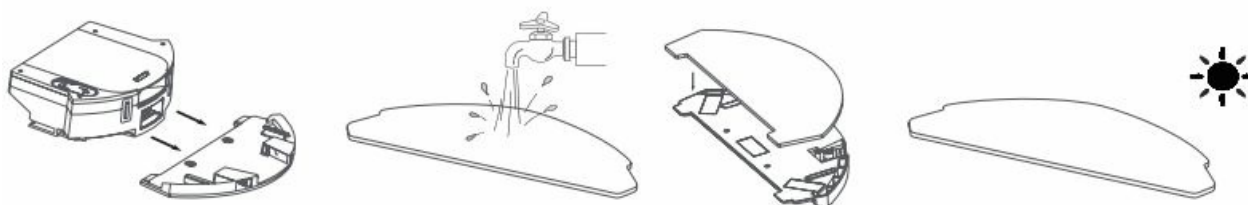


1. Press the release button and pull the dust bin (including the high-performance filter) out to the rear. Empty the dust bin into a waste garbage can. Clean the dust tank.
2. Remove the high-performance filter. Tap it lightly to remove the dust. Put the high-performance filter into place before pushing the dust bin back into the robot.

Cleaning of water tank components

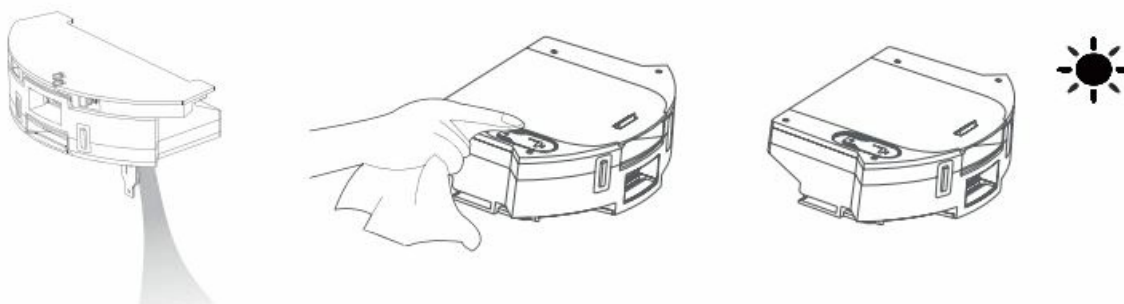
Clean the mop cloth

After mopping is finished, please remove the mopping plate and take off the mop cloth. Rinse the mop cloth and allow it to air dry.



Clean the water tank

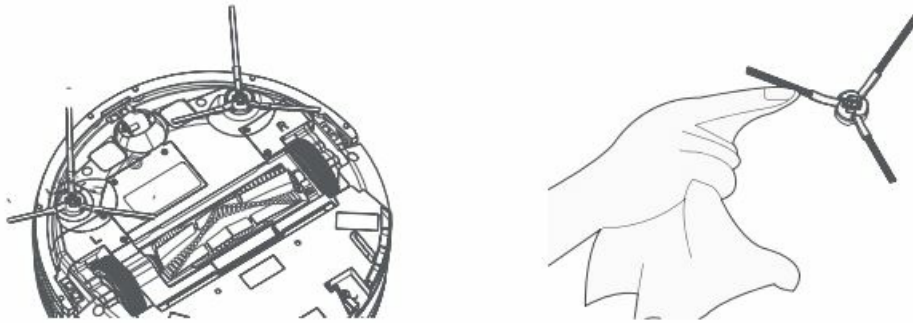
After mopping, remove the mop cloth together with the mopping plate and drain the remaining water from the water tank. Dry the water tank by hand and then allow it to air dry.



Cleaning of side brushes

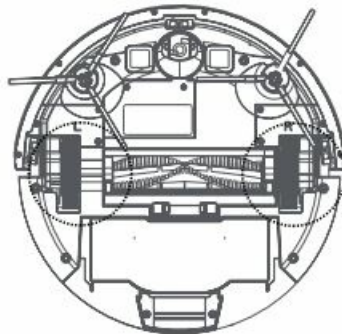
Clean the mop cloth

Remove the side brushes. Wipe them with a clean cloth. When replacing the side brush, please ensure that the “L” and “R” side brush are installed in the correct position.



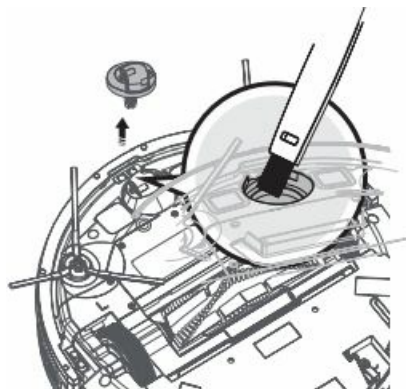
Check side wheels

When the signal tone sounds, switch off the power supply, then remove all objects that are blocking the side wheels.



Other spare parts

First switch off the robot and then pull out the nose wheel vertically. Remove hair and foreign objects that have become entangled in the wheel and wipe it with a cleaning cloth.



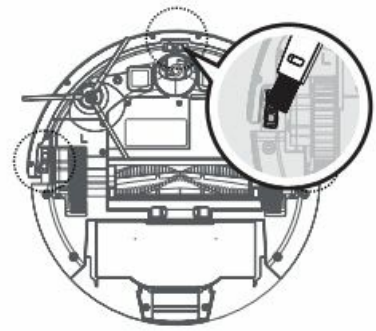
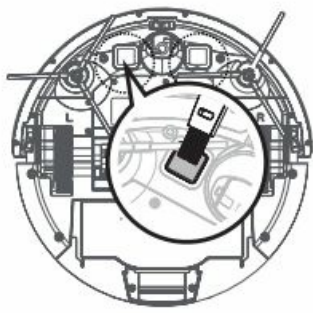
Cleaning of charging contacts

Clean the charging contacts

Clean the charging contacts on the robot and the charging station regularly with dry cloth.

Sensor

Wipe the sensor regularly with a dry cloth to keep it clean.



REMINDER

If the battery is in deep discharge mode or has not been used for a long time, its capacity will be reduced. In this case, we recommend that you reactivate it. Charge the robot for 3 minutes at the charging station and repeat this process three times. Then fully charge the robot for 5-6 hours. The robot uses batteries with a long service life. There is no need to replace them frequently. Please contact our support team if necessary.

Troubleshooting

Error codes

The robot reminds you with a beep if it is not working properly.

No	Tone	Possible Cause	What to do
01	•	Wheels or side brushes or fan problems.	Check and clean wheels, side brushes, and fans.
02	• •	OBS or bumper sensor or cliff sensor failure.	Check the bumper and OBS and clean cliff sensor.
03	• • •	Robot gets stuck.	Move the robot.
04	• • • •	Roller brush or gyro failure.	Detect and clean the roller brush and move the robot.

Note

If the solutions above don't resolve the issue, please try the following:

1. First, press and hold the AUTO button for 5 seconds to turn off the robot and then press and hold the AUTO button for 3 seconds to turn the robot back on.
2. If restarting the robot does not solve the problem, please send the robot to the service center for repair.

Product Specification

Main device

Item	Specification
Diameter	330 mm
Height	79 mm
Weight	3 kg
Power	30 W
Battery type	Li-ion
Charging type	Auto Charging / Manual Charging
Dustbin capacity	0.3 L
Watertank	0.25 L
Cleaning mode	Auto, Spot, Edge, Daily Schedule
Charging time	<360 min
Cleaning time	>120min
Main body button type	Mechanical Button

Note

The company reserves the right of final decision on the interpretation of these terms and conditions.

ErP information

Manufacturer information	Dongguan Guanjin Electronics Technology Co., Ltd Block 16 Qiantou New Industrial Park, Niushan, Dongc heng District, 523128 Dongguan City, Guangdong
AC adapter Model identifier	K12V190060G, K12V190060B
Input voltage	100-240V
Input AC frequency	50/60Hz
Output voltage	19.0Vdc
Output current	0.6A
Output power	11.4W
Average active efficiency	87.03 %
Efficiency at low load (10%)	86.06 %
No-load power consumption	0.1W

Percentage of nameplate output current

Load condition 1	100%±2%
Load condition 2	75%±2%
Load condition 3	50%±2%
Load condition 4	25%±2%
Load condition 5	10%±1%

Frequency Band

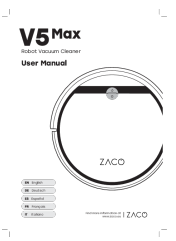
Frequency Band and Output Power

TX Frequency	2.412 ~ 2.472 GHz
RX Frequency	2.412 ~ 2.472 GHz
Antenna Gain	0.86 dBi Max
RF Output Power	2.4G 802.11b:17 dB 802.11g:14 dB 802.11n:13 dB

EU Declaration of Conformity

Robovox Distributions GmbH hereby declares that the ZACO V5 Max radio complies with Directive 2014/53/EU. The full text of the EU Declaration of Conformity can be found on the Internet address <https://conformity.zaco.eu/download/v5max.pdf>

Documents / Resources

	ZACO V5 Max Robot Saugro Boter [pdf] User Manual V5 Max Robot Saugro Boter, V5 Max, Robot Saugro Boter, Saugro Boter, Boter
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References

- [🌀 ZACO Saug- und Wischroboter – more than just a robot](#)
- [User Manual](#)

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