

FEIDER



ROBOTIC VACUUM CLEANER

FRVC1

INSTRUCTION MANUAL

CAUTION: Read this manual before using this machine!

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1. IMPORTANT SAFETY INFORMATION

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.

The Smart Vacuum Cleaner must be used in accordance with the directions in this Instruction Manual. We cannot be held liable or responsible for any damages or injuries caused by improper use.

To reduce the risk of injury or damage, keep these safety precautions in mind when setting up, using and maintaining your Smart Vacuum Cleaner:

-  Read all safety and operating instructions before operating your Smart Vacuum Cleaner.
- Retain the safety and operating instructions for future reference.
- Heed all warnings on your Smart Vacuum, battery, charging Dock and in the owner's manual.
- Follow all operating and use instructions.
- the appliance is only to be used with the power supply unit provided with the appliance.
- The appliance must only be supplied at safety extra

low voltage corresponding to the marking on the appliance.

1.1 USER CAUTIONS

- The Smart Vacuum Cleaner is for indoor use only. Do not use the Smart Vacuum Cleaner outdoor, commercial or industrial environments.
- Before using the Smart Vacuum Cleaner, pick up objects like clothing, loose papers, pull cords for blinds or curtains, power cords and any fragile objects.
- The Smart Vacuum Cleaner is not a toy. Do not sit or stand on the Smart Vacuum Cleaner. Small children and pets should be supervised when the Smart Vacuum Cleaner is operating.
- Store and operate the Smart Vacuum Cleaner in room temperature environments only. Avoid any cold or heat. Operate the robot between -10°C to 50°C .
- Do not use the Smart Vacuum Cleaner to pick up anything that is burning or smoking.
- Do not use the Smart Vacuum Cleaner to pick up spills, bleach, paint, chemicals or anything wet.
- If the room to be cleaned contains a balcony, a physical barrier should be used to prevent access to the balcony and ensure safe operation.
- Do not place anything on top of the Smart Vacuum Cleaner.
- Be aware that the Smart Vacuum Cleaner moves on its own. Be careful when walking in the area that the

Smart Vacuum Cleaner is operating in to avoid stepping on it.

- Do not operate the Smart Vacuum Cleaner in areas with exposed electrical outlets in the floor.

-  Detachable supply unit.

- **WARNING:** For the purposes of recharging the battery, only use the detachable supply unit provided (CZH013120100EUWP) with this appliance.

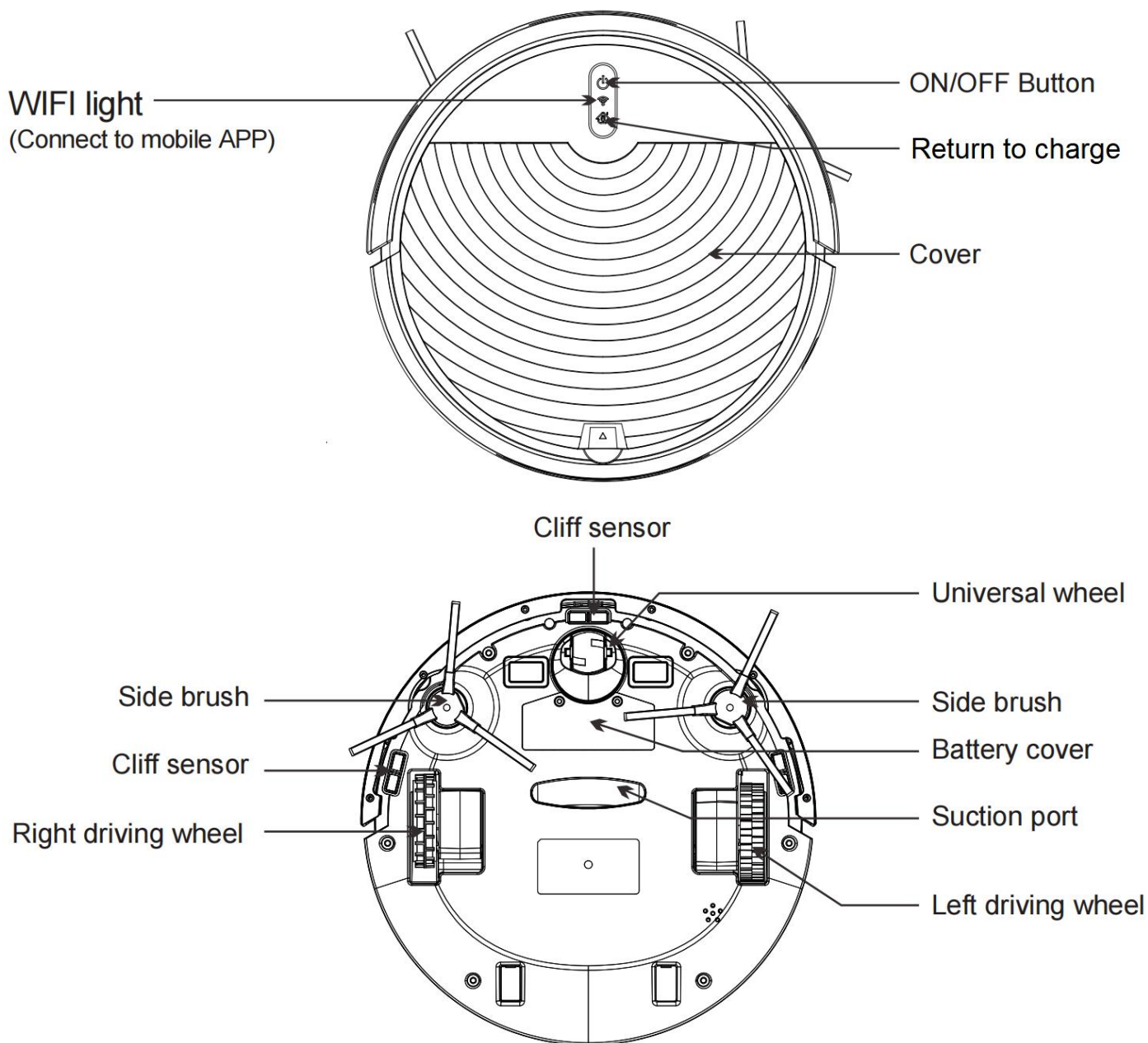
1.2 BATTERY CARE & CHARGING

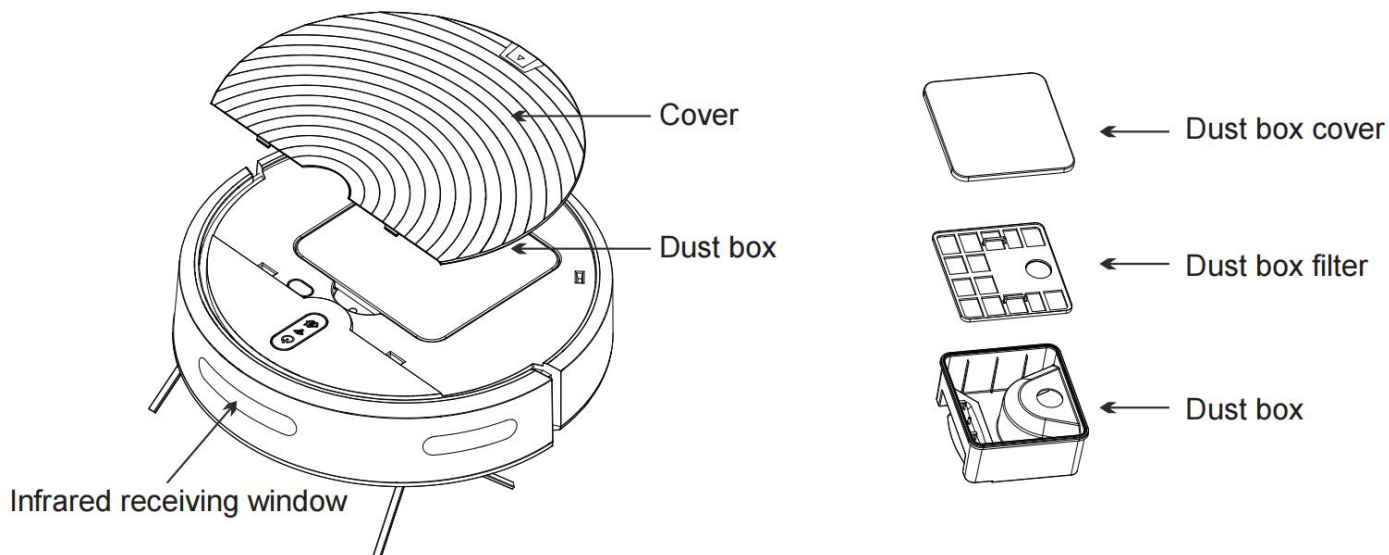
- Charge using a standard outlet only. This product may not be used with any type of power converter. The use of power converter will immediately void the warranty.
- Do not use a charging station with a damaged adapter. If the adapter is damaged, it must be replaced with the same equivalent.
- Charge the appliance only indoor.
- The Charging Dock may be protected with a surge protector in the event of severe electrical storms.
- Never handle or touch the Charging Dock or cables with wet hands.
- Always remove the Smart Vacuum Cleaner from the Charging Dock before cleaning or maintaining it.
- The Smart Vacuum Cleaner contains Li-ion rechargeable batteries, be sure to never open, pierce or damage the batteries.
- Do not wet the battery compartment.

- If the batteries are leaking, stop the Smart Vacuum Cleaner use immediately and contact customer service.
- Regarding the charging operation, refer to the paragraph below.
- This appliance contains batteries that are only replaceable by skilled persons.

2. PRODUCT INTRODUCTION

2.1 SMART VACUUM CLEANER



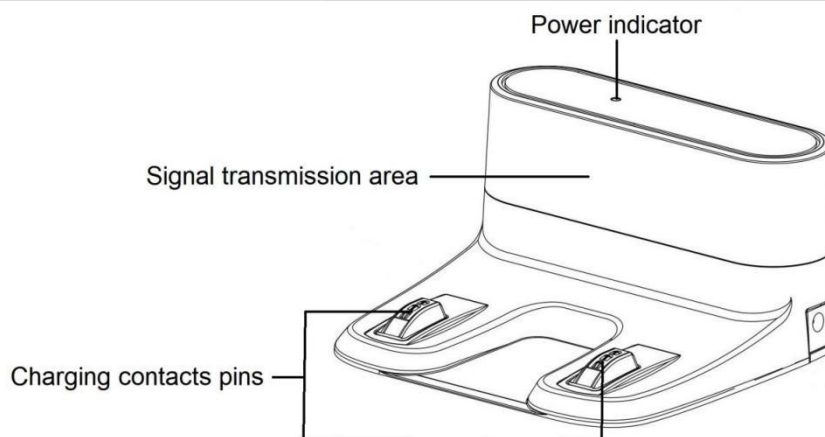


2.2 PRODUCT PACKING LIST

Main machine (including battery) X1
 Charging dock X 1
 Power adapter X 1
 Water tank (including mop) X1

Side brush X 2
 User manual X1
 Cleaning brush X1
 APP instruction X1

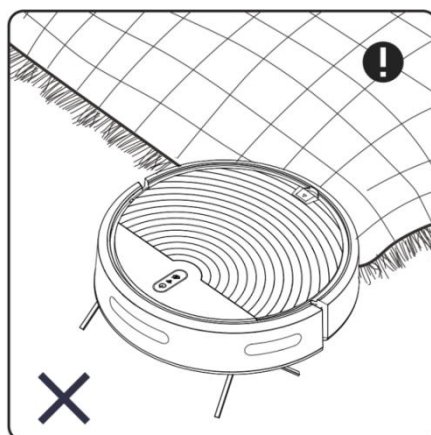
2.3 CHARGING DOCK



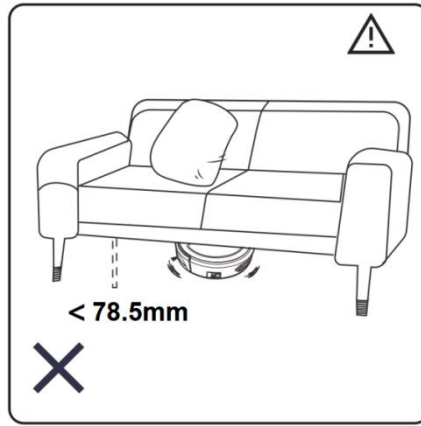
3. OPERATION INSTRUCTIONS

3.1 PRECAUTIONS BEFORE USE

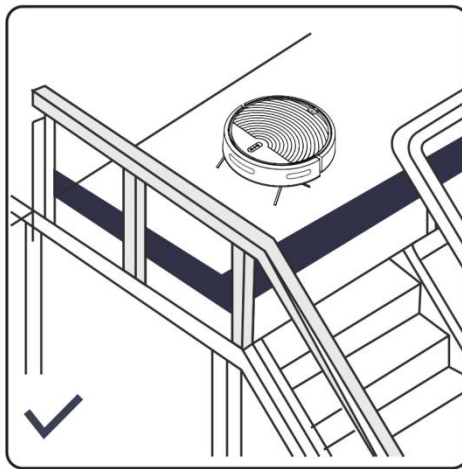
- Fold the fringed edge of the carpet to prevent entanglement of the robot.



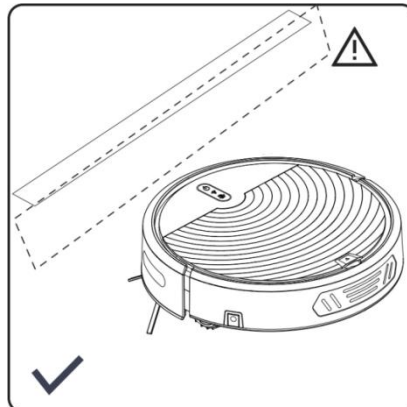
- The robot cannot be used in a space lower than 78.5mm in height.



- The machine should be used in a fenced environment to prevent the product from hanging and falling.



- If they are dirty or used on reflective/dark colored floors, the effect may be reduced.



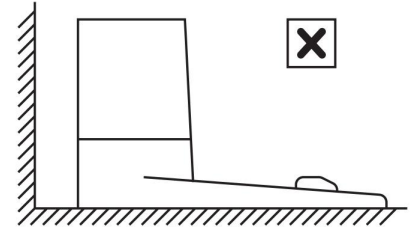
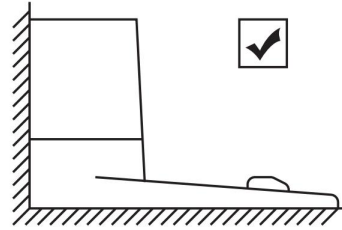
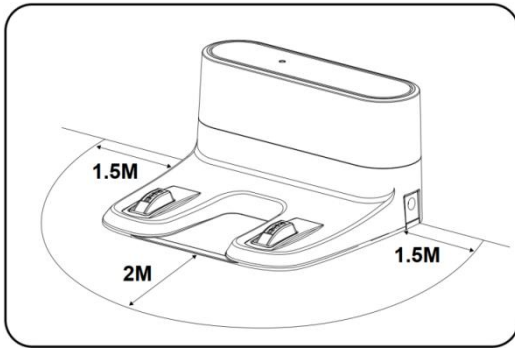
3.2 CHARGING GUIDE

How to use the charging base

Place the charging base on the flat ground, then connect the power adapter. The power indicator will be constantly on. The indicator light of the charging base will go out during normal charging.

NOTE:





Place the charging base on the flat ground, with the back against the wall, and remove all obstacles around the charging base of about 1.5 meter in width and 2 meters in front of the charging base, as shown in the figure.

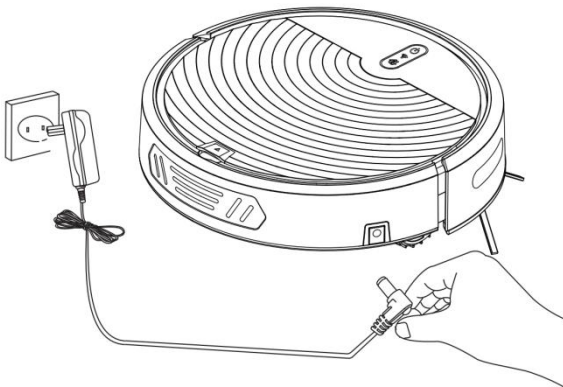


Two charging methods

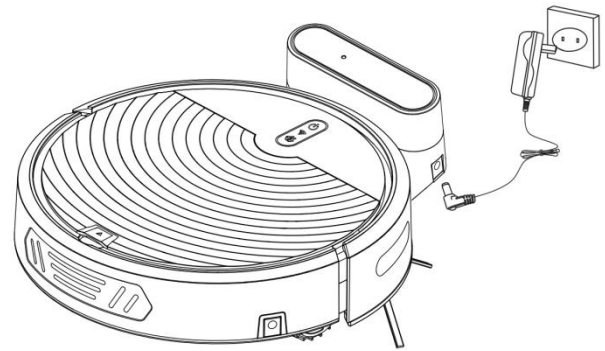
1. Directly plug the power adapter into the machine, with the other end connecting with power supply, as shown in figure A. Please use the power adapter provided.
2. Use the charging base for charging, as shown in figure B.

Indicator status:

In the charging state, the red light of  is breathing, the light of the power key  is off; in the full state, the green light of the power key  is steady on, the light of  is off.



A



B

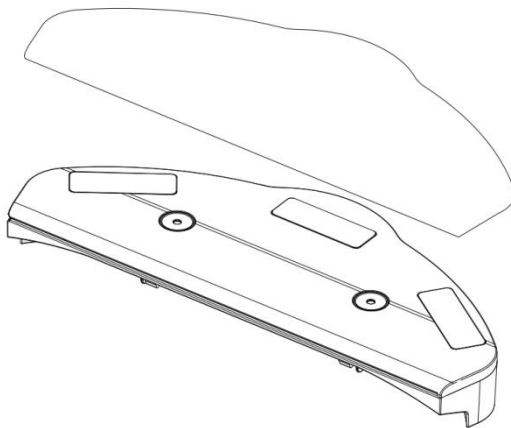
NOTE:

- A. For daily use, please store the machine on the charging stand and make sure the charging stand is powered on.
- B. When not in use for a long time, please full charge the machine, turn off the power switch and store it in a cool and dry place.
- C. When setting the reservation mode, do not use manual charging mode. It is recommended to use automatic charging mode.

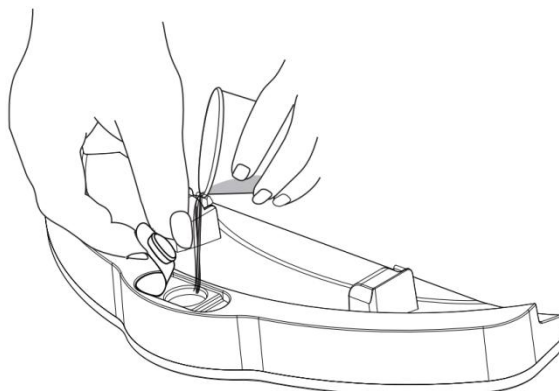
3.3 INSTALLATION

Water tank installation

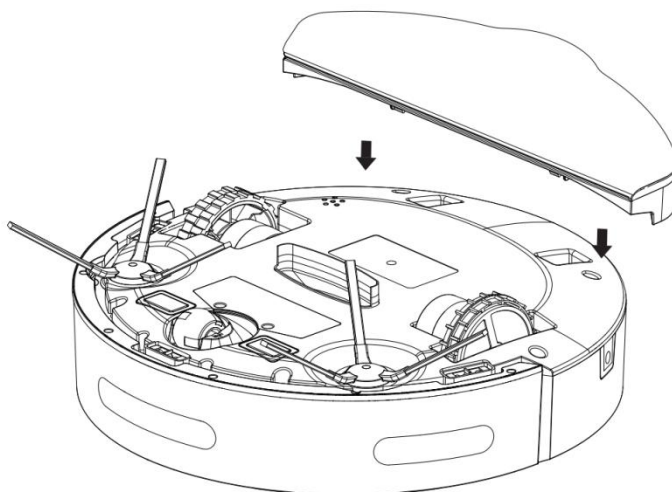
1. Paste the mop on the magic tape of the water tank.



2. Open the inlet on the water tank and slowly inject the water into the water tank.



3. Place the bottom of the machine upward, align the positioning column of the water tank with the positioning hole of the carriage at the bottom of the machine, and press the water tank tightly.

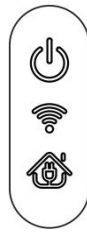
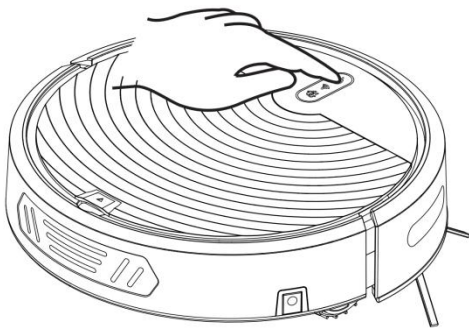


Attention:

- The water tank has no function of closing water seepage, and it will start to seep after water injection. Please remove the water tank before charging.
- Pay attention when using the water tank, add water or clean up in time, please remove the tank before adding water.
- Please do not use a water seepage tank on the carpet. When using the water tank to mop the floor, please fold up the edge of the carpet, so as to avoid foreign matters on the rag from polluting the carpet.
- After cleaning the mop, it is necessary to dry the mop until it does not drip, and then install it on the water tank. At the same time, the mop needs to be flat.

3.4 USE THE SMART VACUUM CLEANER


Power on



On-off key

WIFI light




Recharge key

Power on: Long press  key for 3 seconds to power on.

Indicator status:

1. Start the corresponding function is green on.
2. Exception: The red light is blinking.
3. Charging: Red light of recharge key is breathing, the light of On-Off key is off.
4. Full: The green light of On-Off key is steady on, the light of recharge key is off.

Start a cleaning cycle

- After power on, press the  key once to start the cleaning cycle, if you want to pause the cleaner, press the the  key once again.
- After cleaning, Long press the  key for 3 second to power off.

If the battery gets low before finishing the cleaning cycle, the Smart Vacuum Cleaner will return to the Charging Dock to recharge.

If the Charging Dock is inaccessible, the Smart Vacuum Cleaner will not be able to recharge, please place the Smart Vacuum Cleaner manually on the Charging Dock to recharge.

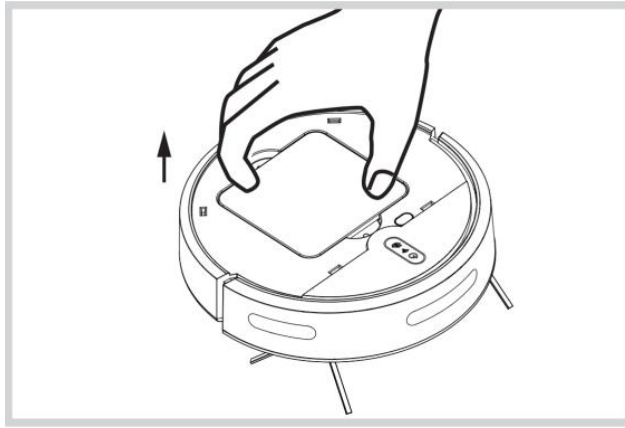
4. MAINTENANCE AND CLEAN

4.1 CLEAN THE DUST BOX

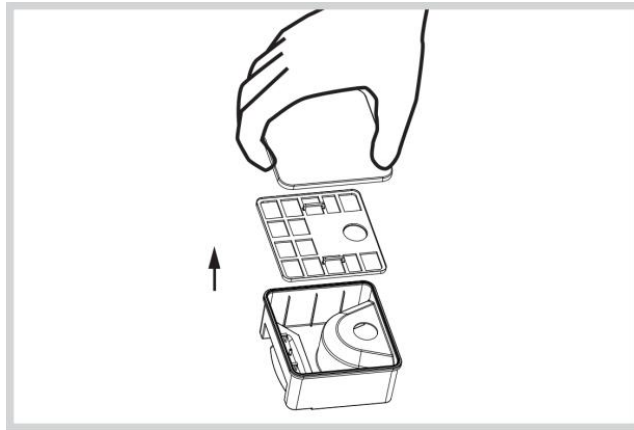
- Open the cover.



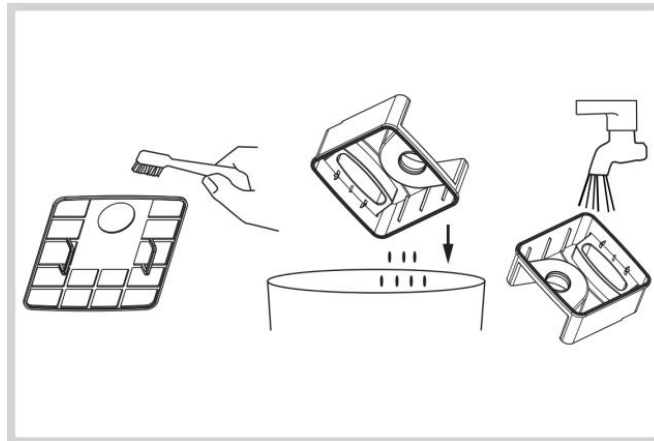
- Take out the dust box.



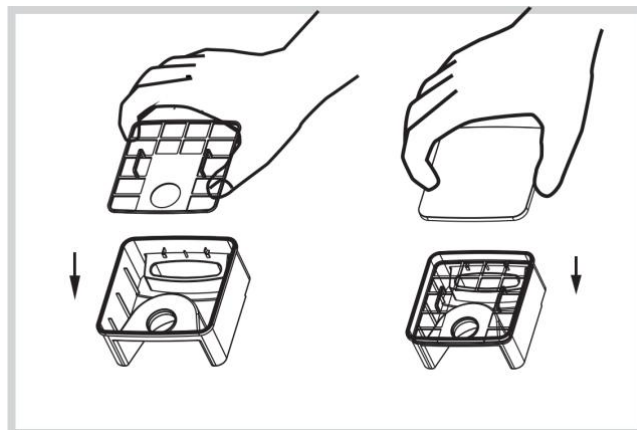
- Dust box: Open the dust cover and remove the air filter.



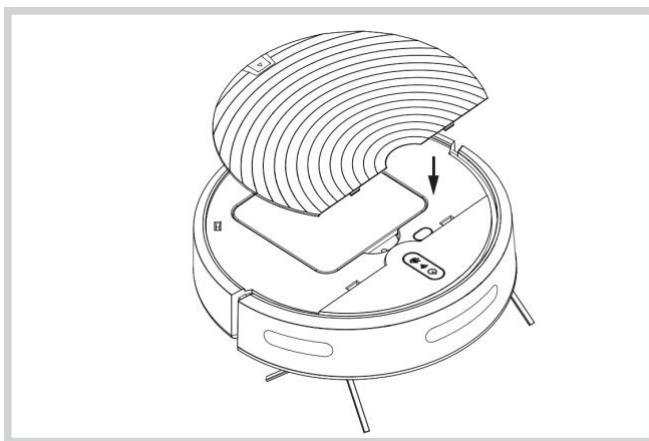
- Clean the dust box: clean the filter with a brush, dump the garbage in the dust box, and then clean the dust box with water and wipe it dry.



- After cleaning, cover with dust cover and filter.



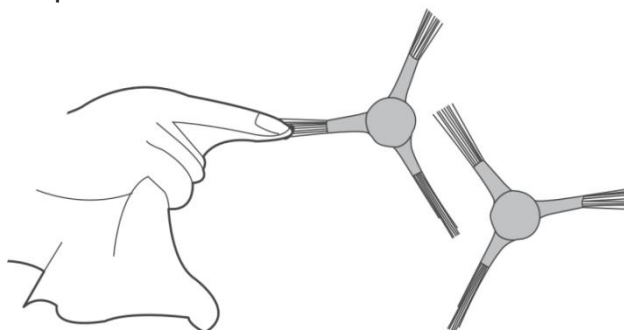
- Put the dust box back into the sweeper and close the flap.



4.2 CLEAN OTHER COMPONENTS

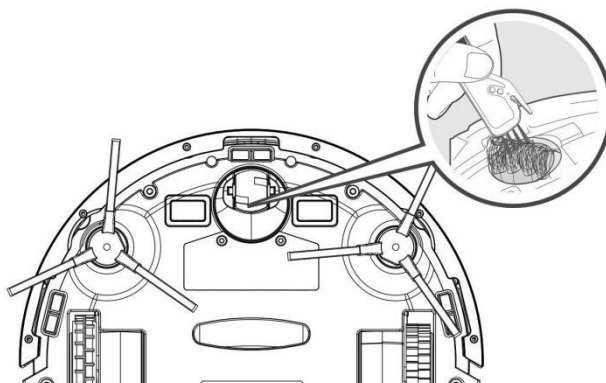
Clean the side brush

Remove the side brush and wipe it with a clean cloth.



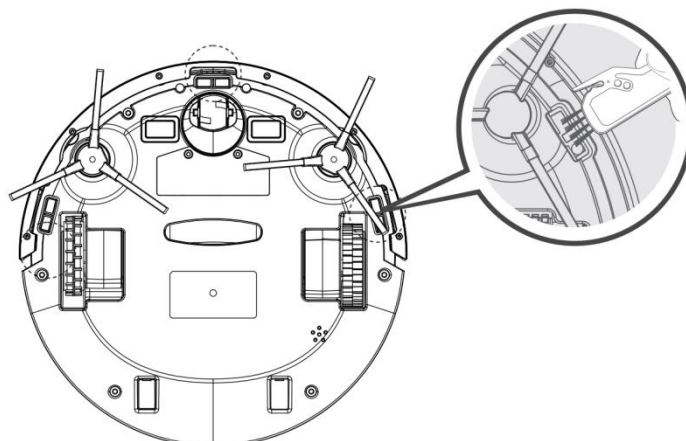
Clean universal wheel

Clean the universal wheel to remove hair entanglement.



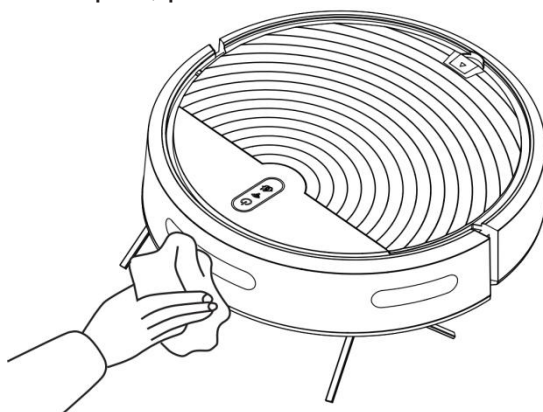
Clean the cliff sensor

Clean the cliff sensor to ensure sensor sensitivity



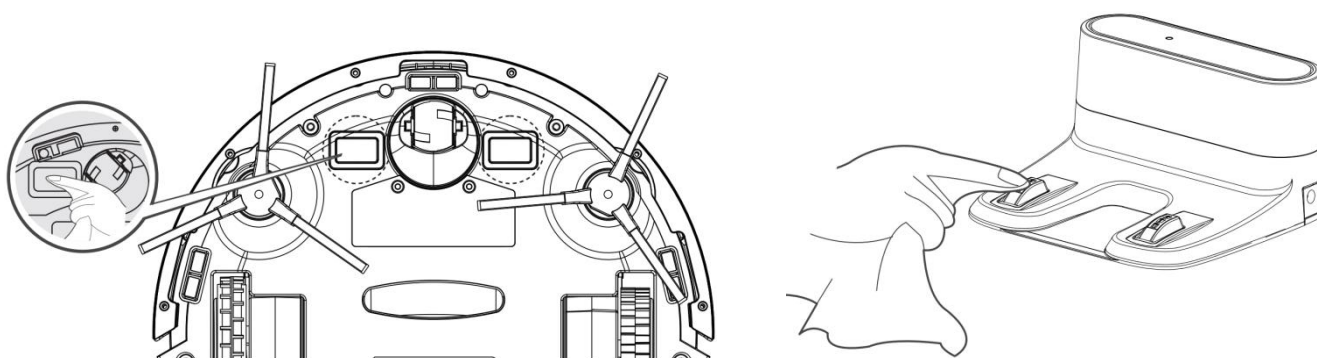
Clean the sensor window

If there is a lot of dust in the suction port, please clean it with a cloth.



Clean the charging electrode

Please use a dry cloth to clean the bottom of the machine and the charging electrode on the charging dock.



5. TROUBLESHOOTING

No.	Fault Condition	Possible Reasons	Solution
1	Robot fails to connect the APP	Wrong router user name and password.	Reset the correct router user name and password
		Robot is not in network signal range.	Make sure the robot is in network signal range
		Robot is not configured.	Configure the network for the robot.
		Robot does not connect to 2.4GHz network	Robot can not connect to 5GHz network, please connect to 2.4GHz network.
2	Robot fails to charge	The adapter is not the original model.	The original adapter model should be used.
		Poor charging electrode contact when placing robot on the charging dock.	Ensure that the robot and the charging electrode are fully plugged in place. Check whether the charging electrode and the machine are dirty and it should be cleaned by referring to the maintenance instructions.
		The charging dock is not connected to the power supply	Make sure that the charging dock and the power supply is connected.
		Long-term non-use leads to battery over discharge.	If it is not used for a long time and cause the battery can not be charged, please contact after-sales service personnel.

3	Robot fails to recharge	The charging dock is placed incorrectly	Place the charging dock correctly according to the charging method.
		The charging dock is powered off or manually moved.	Please check whether the charging dock is connected to the power supply. Do not move the charging dock.
		The machine is stuck by ground obstacles (such as wires, carpet corners, electric fan base, etc.) or the door of the room with the charging dock is closed, which makes it impossible to return to the charging dock.	It is recommended to remove the ground objects with reference to the Precautions before using the robot to ensure smooth running. Avoid jamming and keep the recharging route smooth.
		The main engine did not start cleaning from the charging stand.	It is recommended that the robot start cleaning from the location of the charging dock.
4	When the robot is working, there are situations such as disorderly route, deviation, repeated cleaning and small areas fails to get cleaned up.	Wires, slippers and other objects placed on the ground affect the normal operation of the robot.	Please arrange scattered wires, slippers and other objects on the ground before the robot works. In case of areas fails to get cleaned up, the robot will automatically detect the area and complete the cleaning, please do not intervene manually (such as moving the robot or blocking the robot's working route).
		Working on the newly waxed and polished floor reduces the friction between the driving wheel and the ground.	It is recommended to use the robot after the floor wax is dry.
		Due to different home environments, the robot cannot perform cleaning in some area.	It is suggested to arrange the home environment to ensure that the robot can work on the floor.
5	Robot is stuck During operation	The robot is entangled or obstructed by scattered wires, drooping curtain cloth, carpet whisker, etc. on the ground.	The robot will try to get out of trouble independently. If it fails to get out of trouble, it is recommended to help manually.
		The robot may be stuck by furniture which its bottom height is similar to that of the robot.	It is suggested that furniture should be raised or sheltered artificially
6	When the robot is working, the running sound is loud	Side brushes are entangled, dust bin and filter materials are blocked, etc.	It is recommended to clean and maintain the side brushes, dust bin and filter materials regularly
7	Rolling brush does not rotate	The rolling brush is entangled with hair	Remove the hair sewed on the rolling brush.

		Rolling brush and rolling brush shield are installed incorrectly.	Reinstall the rolling brush assembly
		The rolling brush assembly sucks in foreign matter.	Disassemble the assembly and remove the foreign matter from the rolling brush assembly
8	Remote control failure	Low battery of the remote controller .	Replace the battery.
		The robot is turned off or low battery of the robot.	Ensure that the machine power switch is turned on and the battery is full.
9	Robot fails to start	The robot is out of power or the power switch is off.	Please charge the robot or turn on the power switch.
	Robot shakes when running	Side brush or caster tangled with hair.	Please remove hairs from the side brush or the universal wheel.
	Abnormal operating condition	The intake port is blocked or the dust bin is full.	Please check the suction port and clean the dust bin.
		HEPA is blocked.	Clean or replace the HEPA
	Water not coming out.	The outlet hole of the water tank is blocked or the water tank has no water.	Please blow the water outlet and fill it with water.
		The pump does not work.	Please contact our company for after-sales maintenance.
	Machine skid	The ground is too wet.	Please wring out the mop cloth and clean the water stains on the floor.
Machine keeps going backwards	Abnormal cliff sensor	Please clean the surface of the cliff sensor.	

If the problems cannot be solved according to the above operation, please contact the after-sales service.

Warning code table

Robot will emit a series of beeps when it is in trouble, and the red light will flash or keep on.

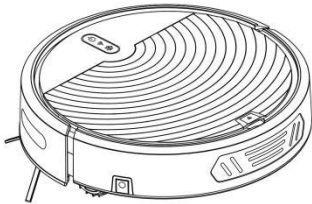
1	Beep once and the red light stays on	Wheel is stuck	please check if there are anything in the wheel gap and clean it up.
2	Beep once and the red light keeps flashing	Front bumper is stuck	please check bumper Whether stuck and clean foreign matter in it.
3	Beeps twice and the red light keeps flashing	Side brush abnormal	please check whether the side brush is entangled with hair and clean it up.
4	Beeps three times and the red light keeps flashing	Ground sensor abnormal	Please check whether the ground sensor is covered by dirt and wipe it clean.
5	Beeps four times and the red light keeps flashing	Power run out	please charge it as soon as possible.


Warm tips

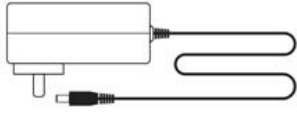
If the above method does not solve the problem, please try the following:

1. Restart the power of the machine.
2. If the problem cannot be solved by restarting the machine, please send the machine to the after-sales service center for maintenance.

6. SPECIFICATIONS

	Product model	FRVC1
	Input	12 Vd.c. 1.0A
	Rated voltage	7.4 Vd.c.
	Rated power	15W
	Battery type	7.4 Vd.c., Li-ion 2000mAh
	Dust collector capacity	370 ml
	Water tank capacity	135 ml
	Cleaning time	Max. 80 min
	Charging time	240 - 360 min
	Frequency band(s)	Wi-Fi: 2412 - 2472 MHz Bluetooth: 2402 - 2480 MHz
	Maximum radio-frequency power	Wi-Fi: 17.61 dBm Bluetooth: 2.72 dBm

	Input	12 Vd.c. 1.0A
	Output	12 Vd.c. 1.0A

	Input	100-240V~, 50/60Hz, 0.4A Max.
	Output	12 V d.c. 1.0A 12W

7. DISPOSAL



Batteries and electrical/electronic products should not be thrown away with household products. When scrapped, batteries and electrical/electronic products must be collected separately and disposed of at designated collection points. Consult your local authorities or retailer for advice on recycling.

Recycling and disposal



The marking of this device (symbol of a crossed-out dustbin) complies with European Directive 2012/19/EU relating to "used electrical and electronic equipment". This marking means that this equipment, at the end of its useful life, cannot be disposed of with other household waste. The user is required to deliver it to operators who collect used electrical and electronic equipment. Collection operators, including local collection points, shops and local authorities, create an appropriate system for collecting equipment. Appropriate collection of used electrical and electronic equipment helps avoid harmful impacts on human health and the environment, resulting from the presence of hazardous components, as well as from improper storage and treatment of this equipment.



The battery is Li-Ion type. To preserve natural resources, please recycle or dispose of the battery pack properly. Consult your local waste authority for information regarding available recycling and/of disposal options. Discharge your battery pack by operating your tool, then remove the battery pack from the tool and cover the battery pack connections with heavy duty adhesive tape to prevent short circuit and energy discharge.

8. DECLARATION OF CONFORMITY



BUILDER SAS

32 rue Aristide Bergès - Z.I. du Casque - 31270 Cugnaux - France
Tel. +33 (0) 5.34.502.502 Fax: +33 (0) 5.34.502.503

ROBOTIC VACUUM CLEANER
FRVC1

Serial number: 20240900626-20240902105

This declaration of conformity is issued under the sole responsibility of the manufacturer.
The object of the declaration described above is in conformity with the relevant Union
harmonisation legislation: Directive 2014/53/EU

Applicable harmonised standards:

EN 60335-2-2:2010+A11:2012+A1:2013 used in conjunction with EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+ A2:2019+A15:2021; EN 62233:2008
EN IEC 62311:2020 EN 50665:2017
ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.2.4 (2020-09) EN 55032:2015+A11:2020; EN 55035:2017+A11:2020
ETSI EN 300 328 V2.2.2 (2019-07)

Responsible of technical file: M. Olivier Patriarca

Cugnaux, 15/07/2024

Philippe MARIE / CEO

9. WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 5 years from the date of the original purchase. It can be extended by one year if the user subscribes to website of myswap. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

The warranty does not cover breakdowns due to:

- insufficient maintenance.
- abnormal assembly, adjustment or operations of the product.
- parts subject to normal wear and tear.

The warranty does not extend to:

- shipping and packaging costs.
- using the tool for a purpose other than that for which it was designed.
- the use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

+33 (0)9.70.75.30.30

<https://services.swap-europe.com/contact>

You must create a "ticket" via the web platform.

- Register or create your account.
- Indicate the reference of the tool.
- Choose the subject of your request.
- Describe your problem.

Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).



swap

10. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- Go to the store with the complete machine and with the receipt or invoice.

If you bought your product on a website:

- Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- Create a SWAP-Europe service ticket on the site: <https://services.swap-europe.com> When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).

Contact the repair station to make sure it is available before dropping off the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.

For any question concerning our after-sales service you can make a request on our website <https://services.swap-europe.com>

Our hotline remains available at +33 (9) 70 75 30 30.



11. WARRANTY EXCLUSIONS

THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage*.

* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt. This document is a supplement to your notice, a non-exhaustive list.

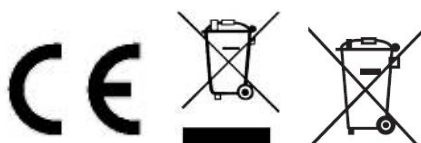
Attention: all orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.

Reminder: the reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

Information:

Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.

FEIDER



BUILDER SAS
32, rue Aristide Bergès - ZI 31270 Cugnaux – France
Made in PRC