



USER MANUAL

# F2 PITBOX PRO

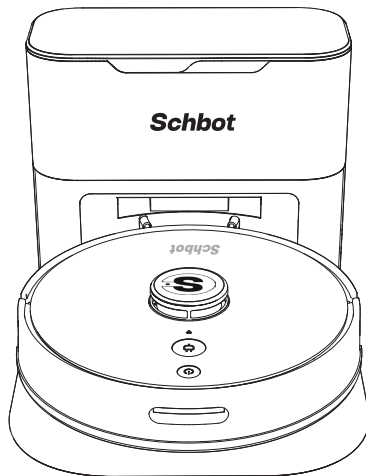
R O B O T V A C U U M C L E A N E R

Thanks for purchasing Schbot Lidar navigation robot vacuum cleaner with self-empty-docking station: F2 PITBOX PRO.

We hope F2 PITBOX PRO will bring you a smarter and more convenient lifestyle.

If you encounter any problem not mentioned herein, please contact the local seller or email [info@schbot.com](mailto:info@schbot.com)

For more details, please visit our official website: <http://www.schbot.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 at hand for setting up, using and maintaining. Any operation that against the following instructions may damage the robot or cause injury.

### Notes for Main Unit and Components

#### ⚠ Warning

1. Do not disassemble, repair or refit F2 PITBOX PRO without authorization; otherwise it may damage F2 PITBOX PRO or pose a hazard.
2. Do not use the product in an environment with risk of fire or explosion.
3. Only the original docking station can be used; otherwise F2 PITBOX PRO may be damaged or catch on fire.
4. Do not stand or sit on F2 PITBOX PRO; doing so could damage F2 PITBOX PRO 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 220-240V AC input voltage in EU, 100-120V AC input voltage in US. Please plug into the socket properly and keep away from children.
7. Do not wash or soak the main body and electronic accessories in water; otherwise F2 PITBOX PRO may be damaged by a short circuit.
8. Do not damage, load weight on, heat, pull, or bend F2 PITBOX PRO.
9. During cleaning, please pay attention to the safety of toddlers and elders at home to avoid injury.
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.

#### ⚠ Attention

1. Do not touch F2 PITBOX PRO with wet hands; doing so may cause an electric shock.
2. Do not place F2 PITBOX PRO 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 F2 PITBOX PRO in humid environments, such as bathrooms.
5. Do not place F2 Pitbox Pro near cigarette butts, lighters or other open fires.
6. Please clean F2 Pitbox Pro after charging finished.
7. Please turn off the power switch when F2 Pitbox Pro is out of service for a long time.
8. Please check carefully to see if the power cord connected to the

socket and docking station prior to use, to avoid damage to the robot.

9. Before using F2 Pitbox Pro, 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 F2 Pitbox Pro to clean the construction waste.

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

13. Be aware that F2 Pitbox Pro just moves around on its own, please take care when walking in the area where F2 Pitbox Pro is cleaning.

14. Before F2 Pitbox Pro is scrapped, please remove the battery from the robot. When you remove the battery, please ensure that F2 Pitbox Pro 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 docking 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 F2 Pitbox Pro.

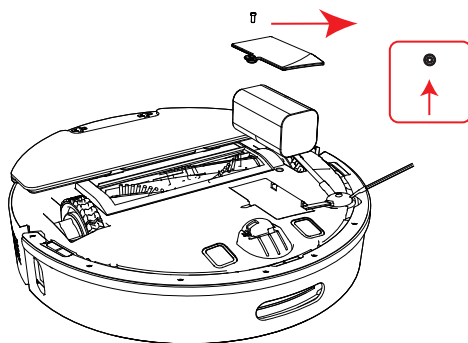
3. If the battery's outer box is found to be deformed and expanded, or leakage of electrolytes is found, do not charge or continue to use to avoid danger.

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 F2 Pitbox Pro before it is scrapped, and the battery must be put into the designated places or institutions according to the local regulations.

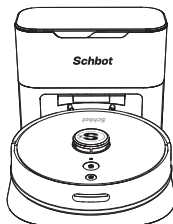
2. Before removing the battery, please switch off the robot.

3. Take out the screws on the bottom cover with a screw driver.

4. Take off the cover, unplug the electric wires and remove the battery pack carefully.

## F2 Pitbox Pro Description

### Specification

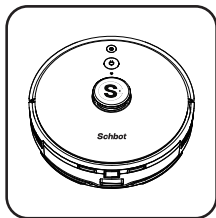


Product Model	F2 Pitbox Pro
Product Name	Pitbox Pro
Size of Robot	330*94 mm
Unit Net Weight	About 5.75 KG
Docking Station Output	19V $\approx$ 0.6A
Robot Rated Power	45W
Robot Battery Type	Li-ion Battery
Battery Capacity	2600mAh
Rated Battery Voltage	14.4V
Dust Box Capacity	300 ml
Water Tank Capacity	350 ml
Dust Bag Capacity	About 4.0 L
Working Time	< 180 mins
Charging Time	About 4 hours

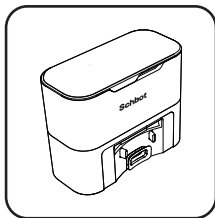
※ The data come from the lab of Schbot Robotics OÜ. It may be slightly different from the users data, please subject to the actual products. For continuous products improvement, we reserve the right to any technical and design change without prior notice.



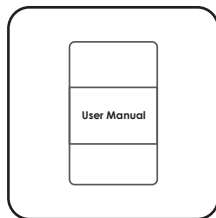
**What's in the package**



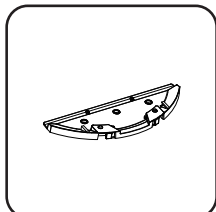
Robot Vacuum Cleaner x 1



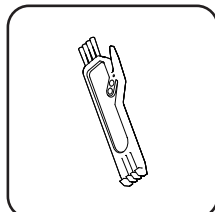
Self-Empty Docking Station x 1



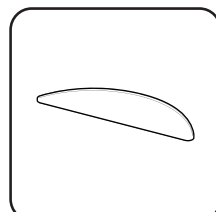
User Manual x 1



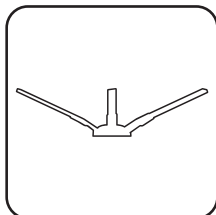
Mopping Plate x 1



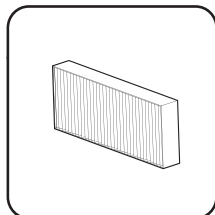
Cleaning Tool x 1



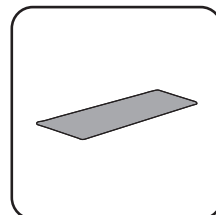
Mopping Cloth x 1



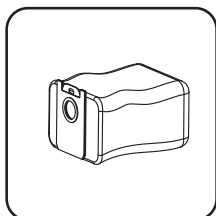
Side Brush x 1



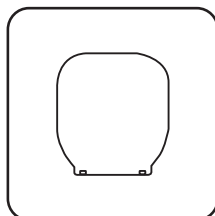
Hepa x 1



Sponge x 1



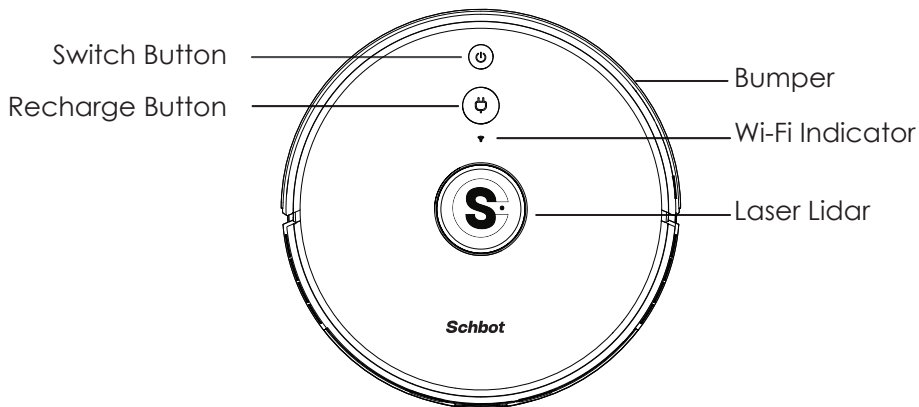
Dust Bag x 1



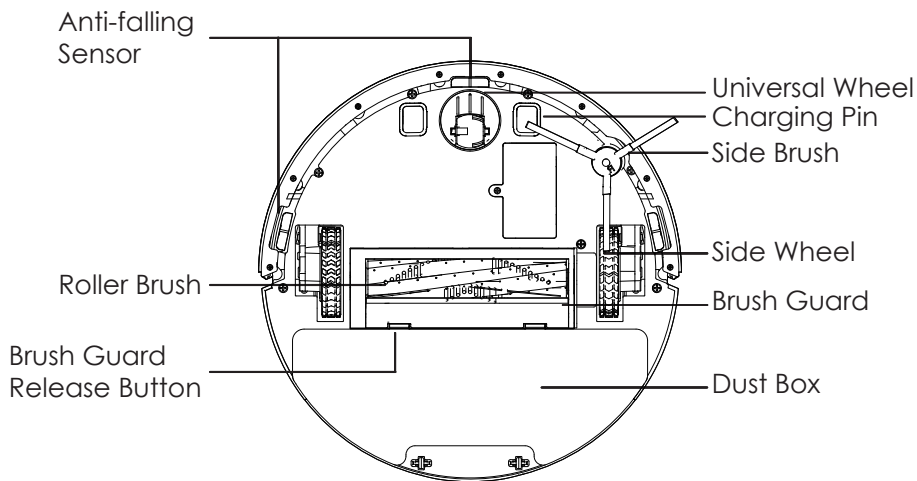
Waterproof Pad x 1

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

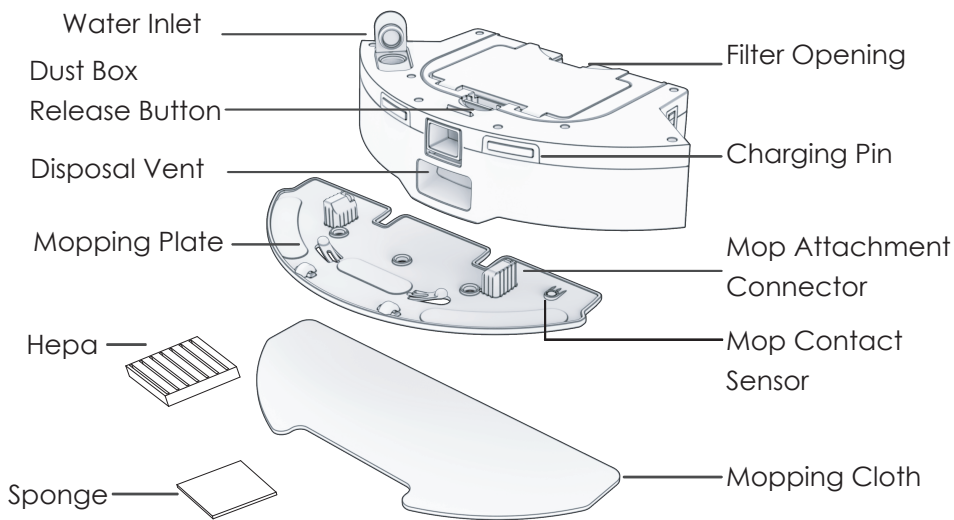
**F2 Pitbox Pro Components**



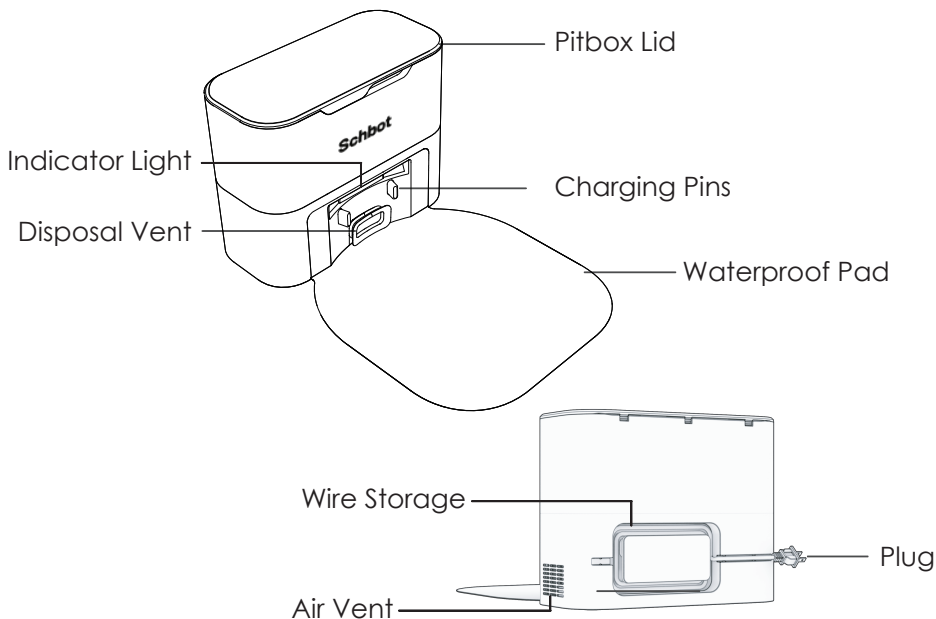
**TOP VIEW**



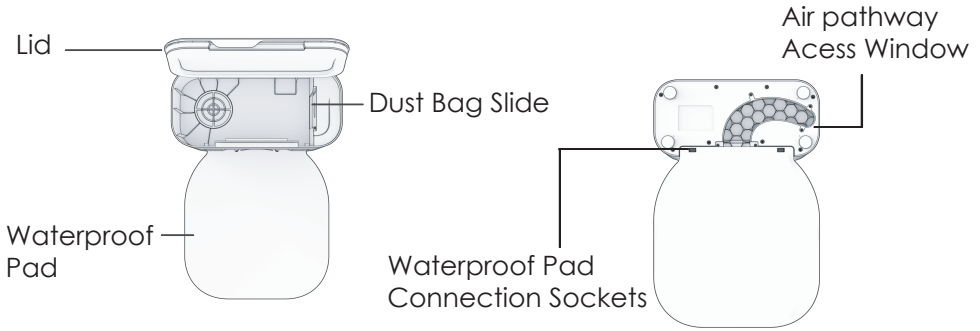
**BOTTOM VIEW**



## 2 IN1DUST BOX & WATER TANK



## SELF-EMPTY DOCKING STATION (Pitbox) - 1



## SELF-EMPTY DOCKING STATION (Pitbox) -2


### Buttons Operations and Indicators



1. Switch button:  
Short press: Start / Pause / Continue  
Long press: Power On / Off



2. Charge button:  
Short press: on station: Self-emptying  
off station: Charge / Pause

3. Hold and press the switch button and charge button at the same time for 3-5 seconds until the robot says "wifi reset" to start wifi connecting, the wifi icon  will be blinking white rapidly.



4. Indicators:  
Solid blue: Normal  
Solid green: Fully charged  
Blinking light green: Finding docking station

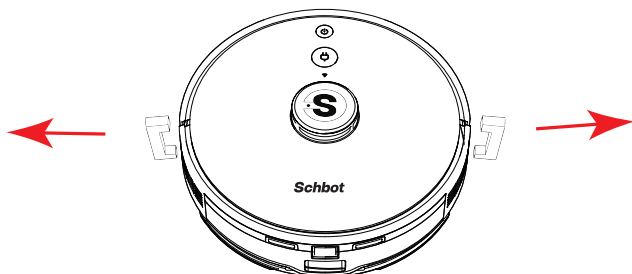


Blinking green slowly: Charging  
Blinking red rapidly: Error detected, please check the App  
Off: Power off or sleep mode.

## F2 Pitbox Pro Usage

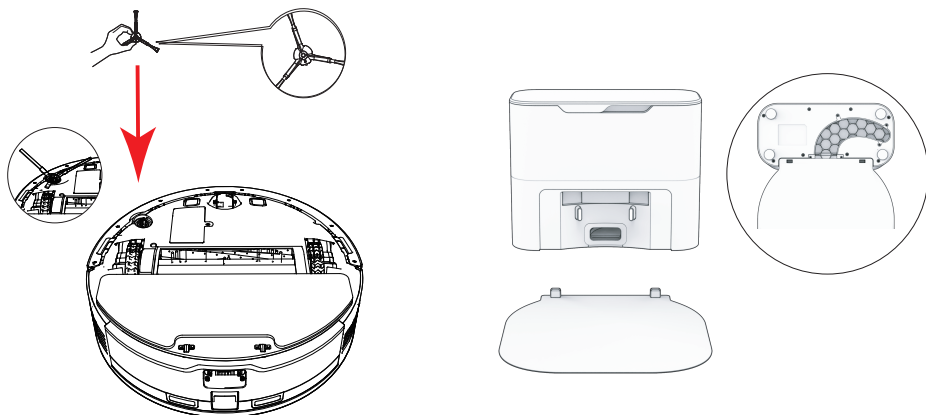
### Remove The Protective Strip

Please remove the protective strip from both sides before use F2 Pitbox Pro.

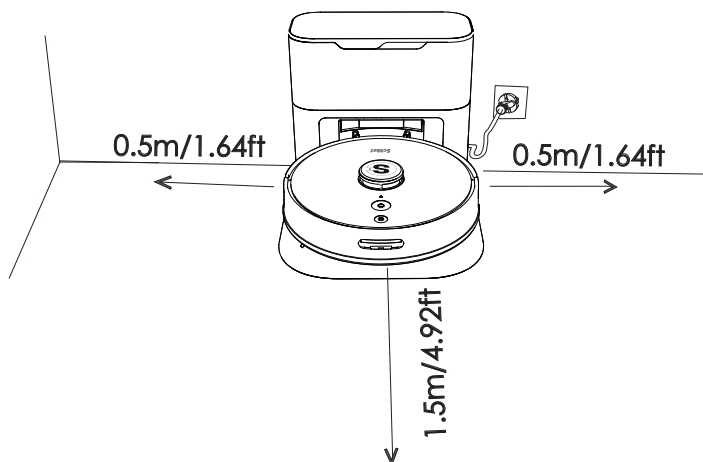


### Self-Empty Docking Station Installation

1. Turn over the robot and place the side brush on it tightly.
2. Place the Pitbox on the waterproof pad connection sockets.
3. Place Pitbox on a flat ground and make sure the Pitbox against the wall.
4. Remove all objects within 0.5m / 1.64ft of the left and right side, 1.5m / 4.92ft of the front of Pitbox, then connect the power outlet.
5. Charging: Place the robot on Pitbox for charging.
6. The robot will go to find the station for charge automatically if the battery power is less than 20% or if the robot finishes the cleaning work.
7. Users can set the self-emptying frequency via App.
8. Please place the robot on self-empty docking station manually if it can not find the station.





**Note:**

- Please keep the station connected with the power outlet, or the robot will not be able to find the station.
- The robot can only be charged by the original station.
- Do not use the station in a highly reflective environment such as the environment exposed to direct sunlight or with mirrors nearby.
- The robot may not be able to find the docking station quickly at initial use, the efficiency of finding station will be improved after working several times.
- Please turn off the robot if it will be out of service for a long time.
- Please charge the robot in time when the battery is used up.

**Self-Empty Docking Station Indicator Light**

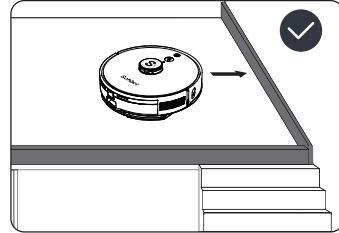
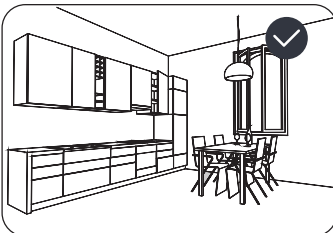
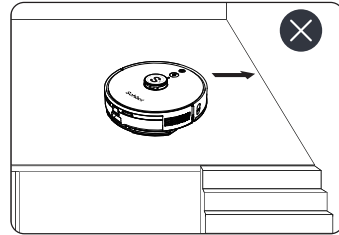
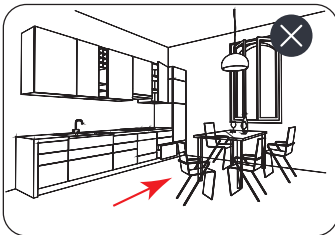
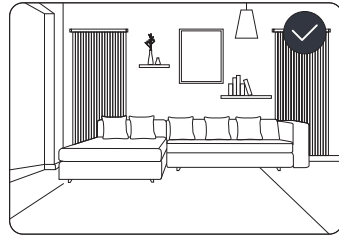
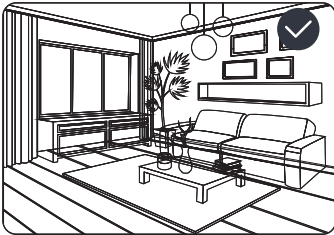
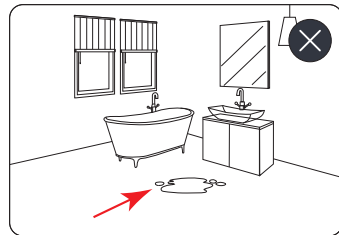
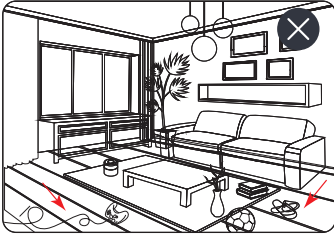
Light Status	Station Status	What to do
● Off	Powered OFF.	<ul style="list-style-type: none"> <li>• Plug into the outlet.</li> </ul>
● Solid Blue	Ready.	<ul style="list-style-type: none"> <li>• Station is ready to recharge / self-empty.</li> </ul>
● Solid Red	Dust bag not detected. Dust bag opening is closed.	<ul style="list-style-type: none"> <li>• Insert the bag into the slide and push the tab all the way down to open and line up with the air pathway. Place the robot on the station for charge manually.</li> </ul>
● Blinking Red	Dust in air pathway.	<ul style="list-style-type: none"> <li>• Remove the dust box and clean the heavy dust manually.</li> <li>• Clean the disposal vent aperture on the back of the dust box, check the flap for free movement.</li> <li>• Place the robot on the station and press CHARGE button to initiate self-emptying.</li> <li>• Unplug the station, turn the station around to clean the air pathway access window and remove the dust.</li> </ul>

\* When there is no station trouble, the indicator light on the station turns off as soon as robot docks.


## Preparation Before Use

### ⚠ Notes

1. Before starting F2 Pitbox Pro, 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, then the power button and charge button will be in solid blue, users will hear "device started" later.

Hold and press  key for 3 seconds again to switch it off.

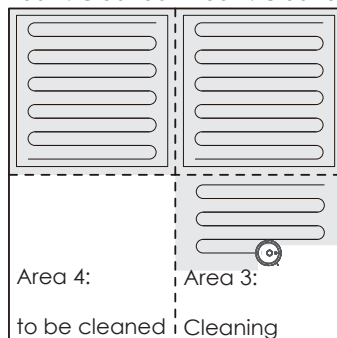
Notes: The robot can not be switched off while charging.

## Start Cleaning

Short press  key to start cleaning, the robot automatically plans the cleaning path according to the map generated by lidar scanning, and finishes cleaning of different area one by one. In each area, F2 Pitbox Pro start edge cleaning firstly and then to fulfill the remaining part by zigzag cleaning.

\* Users can also start the robot from App.

Area 1: Cleaned Area 2: Cleaned






### Note:

1. Please make sure F2 Pitbox Pro starts from the docking station and go back to the docking station automatically so that the robot can "draw" a complete map on the App, then users can use the robot with the App smoothly.
2. Please do not move F2 Pitbox Pro manually during cleaning. If users have to move the robot during cleaning, please pause the robot first, move it then continue to start the robot.
3. F2 Pitbox Pro can not start cleaning if the battery is too low. Please make sure it is fully charged before use.
4. Please clean up all the objects on the ground before cleaning, otherwise F2 Pitbox Pro may drag the cables and lead to the power off of other home appliances or damage of items or cables.
5. If the cleaning area is less than 4 square meters, F2 Pitbox Pro will clean twice by default.

## Resumable Cleaning

If the battery is insufficient during cleaning, the robot will go back to the charging station for recharge automatically, then resume it from the interrupted place to continue cleaning after fully charged.

## Pause

While working, you can press  to pause the robot if you need to add water or clean the mop. Press  key to continue cleaning, or press  key to go back to the docking station and ends the cleaning.

- \* If the robot is put back to the docking station in pause state, the cleaning will be ended.
- \* Users can also pause the robot from the App.

## Sleep Mode

If no operation is performed beyond 60 minutes, F2 Pitbox Pro will enter the sleep mode automatically, and the power indicator will be off. In sleep mode, users can press any button to wake up the robot.

- \* Robot can not enter sleep mode while charging.
- \* If the sleep time exceeds 12 hours, F2 Pitbox Pro powers off automatically.

## Fault State

If F2 Pitbox Pro encounters a fault while working, the power indicator blinks red rapidly, users will hear a voice prompt or get message from the App, please check the robot with the troubleshooting.

- \* Put the robot back to docking station in fault state, the cleaning will be ended.

## App Guideline

### Wi-Fi Setup Requirements

Before Wi-Fi setup, please make sure that F2 Pitbox Pro 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. F2 Pitbox Pro 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 F2 Pitbox Pro is fully charged or on the station, and F2 Pitbox Pro is switched on.
7. Please make sure that you hear the voice of "wifi reset" when connects, and the Wi-Fi status light blinks white rapidly.
8. Please make sure that your F2 Pitbox Pro, router and smartphone are as close as possible.

### Wi-Fi Indicator Light



1. Off: Offline status or the robot is switched off.
2. Solid white: Online status, connected to App.
3. Blinking white rapidly: searching for connection

### App Connecting and Use

#### 1. App downloading

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



smart life

#### 2. Log in/Register "Smart Life" ID.

Enter the App, log in with your "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).

### 3. Connect F2 Pitbox Pro to the App.

Tap the "+" icon or "Add Device" and enter the interface as Fig.5 to add F2 Pitbox Pro:

- 1). Turn on your Bluetooth first.
- 2). Hold and press the power button  and charge button  **at the same time for 3-5 seconds** until the robot says "wifi reset", the Wi-Fi icon  on



Fig.3

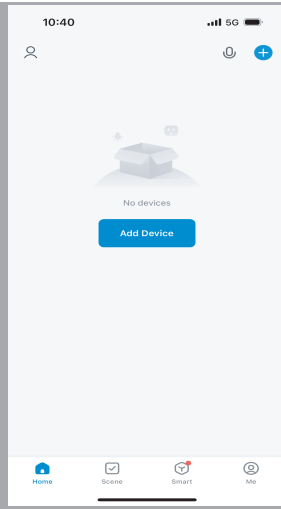


Fig.4

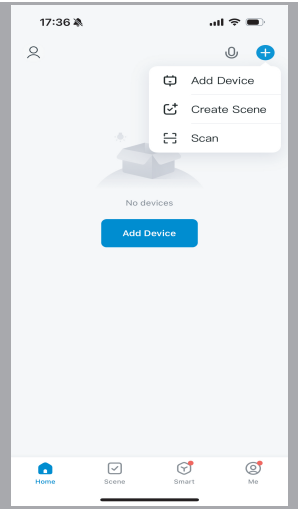


Fig.5

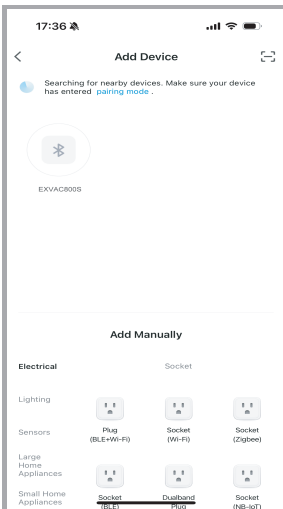


Fig.6

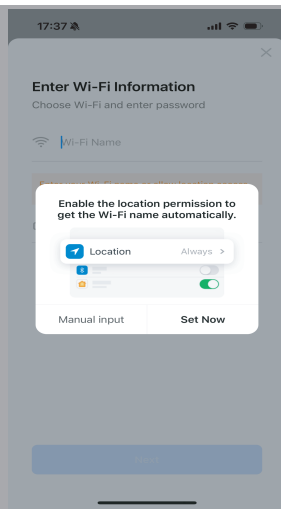


Fig.7

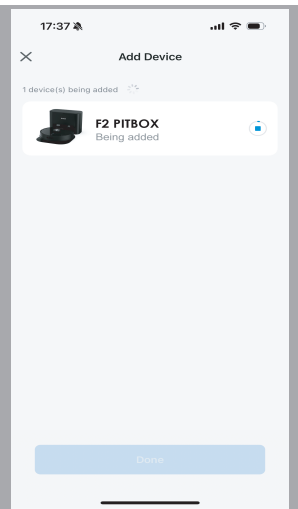


Fig.8

the robot will blink white rapidly, 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.

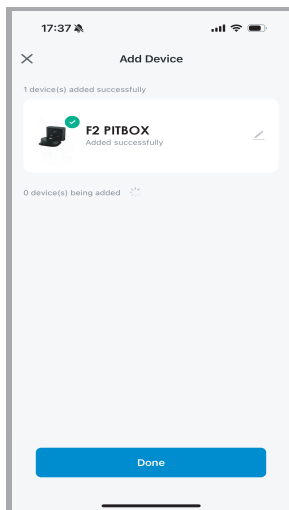


Fig.9

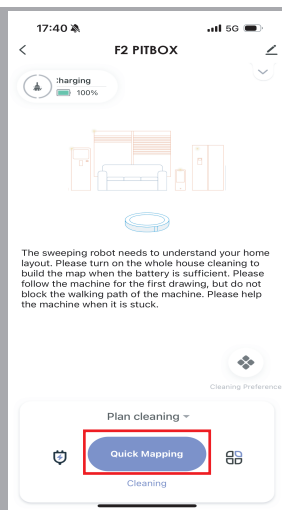


Fig.10

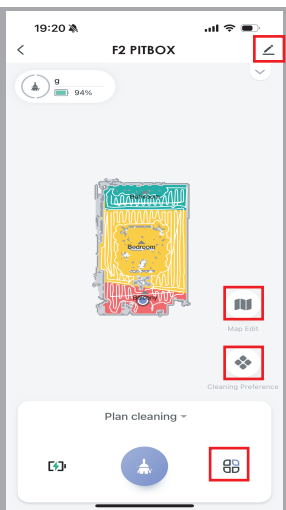


Fig.11

\* **Reset Wi-Fi**: If your mobile phone 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 mobile phone 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. To reconnect the robot to your mobile phone, please reset the Wi-Fi setting.

#### 4. How to use the F2 Pitbox Pro 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, then **use "Quick mapping" to start cleaning** when you use the robot **at first time** or after you "reset home map", it will create a map of the room automatically (Fig.11).

"Quick mapping": The robot will create a map of individual rooms or all rooms first, then clean them in sections.

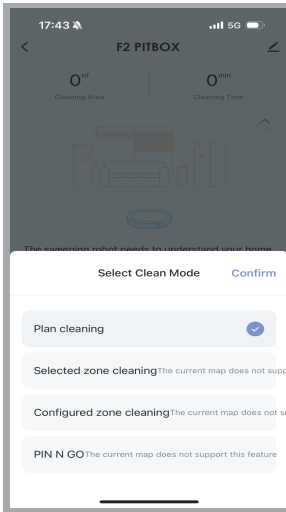


Fig.12

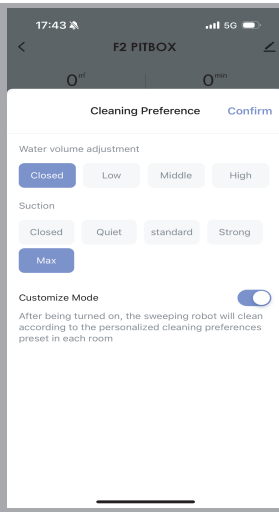


Fig.13

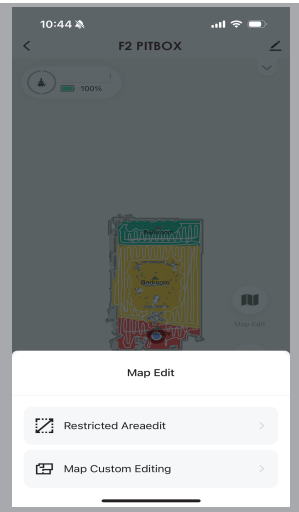



Fig.14

B). Cleaning Mode: expand the menu by **clicking on the down arrow** of Plan cleaning ▾, users have multiple cleaning mode options as Fig.12. Please note: only the robot creates a full map that it can perform other cleaning modes.

C). Cleaning Preference: click the icon  to set the water volume and suction level, and also turn on / off the customized mode (Fig.13).

D). Map Edit: click the icon  to set the restricted area (Fig.14, Fig. 15: forbidden area, mop & sweep area, virtual wall), and edit room (Fig.16: merge rooms, split rooms, name rooms,etc.).

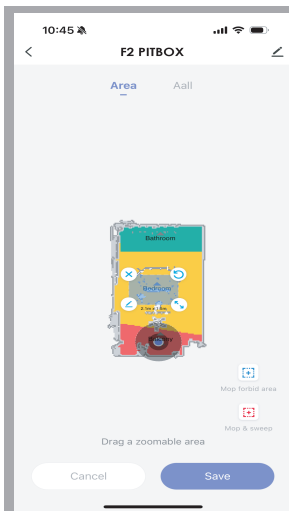


Fig.15

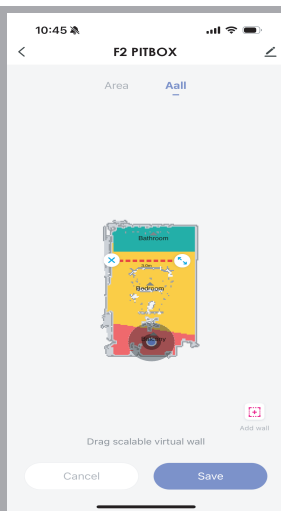


Fig.16

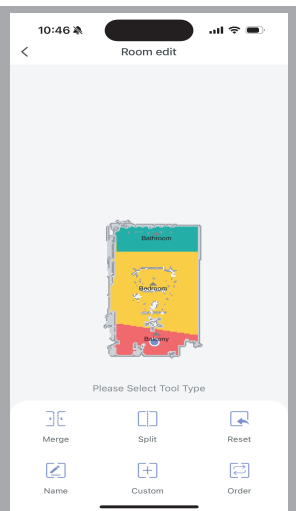





Fig.17

E). More functions please click the icon  on the main interface and enter the interface of Fig.18: users can set the cleaning schedule, manage room, set the self-emptying frequency, check the cleaning record, turn on / off the voice or switch the languages, check the device information, turn on / off the carpet boost, etc.

F). Click the icon  on the main interface and enter Fig.19, users can perform more about F2 Pitbox Pro, such as connecting to the third party (Google assistant, Alexa etc), share device or update the firmware,etc.

G). Back to the main interface of the App, click the icon  to get more about the App (Fig.20), and also you can **clear the cache** here.

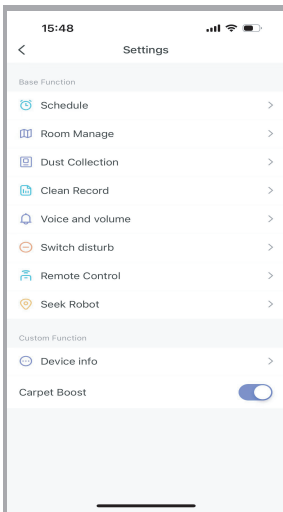


Fig. 18

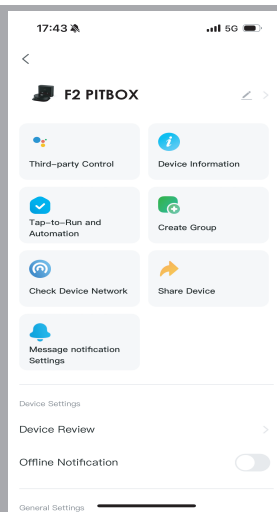


Fig. 19

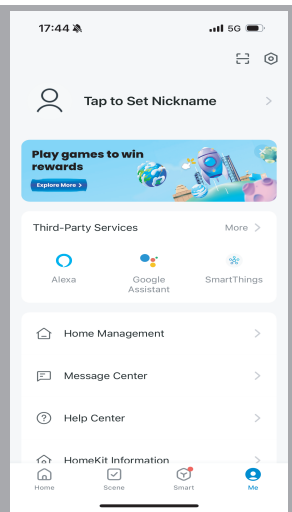


Fig. 20

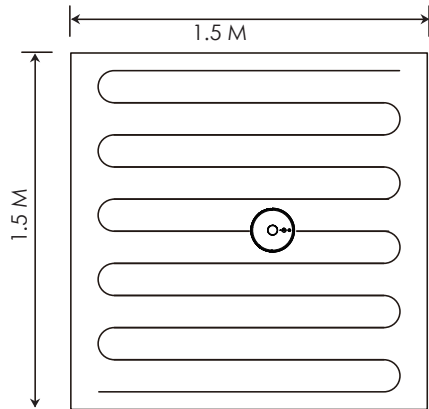
For more details about App use, please try out.

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 F2 Pitbox Pro can do the cleaning work at scheduled time.
- \* F2 Pitbox Pro will not execute the orders if it is in "Do not disturb mode".

## 5. Pin n Go: Spot Cleaning

In standby or pause state, users can specify a target area on the App map with "Pin n Go" namely "Spot" Cleaning order, F2 Pitbox Pro will plan a route to the area that is about 1.5 x 1.5 square meters centered by F2 Pitbox Pro to clean, then return to the starting position and stop working.

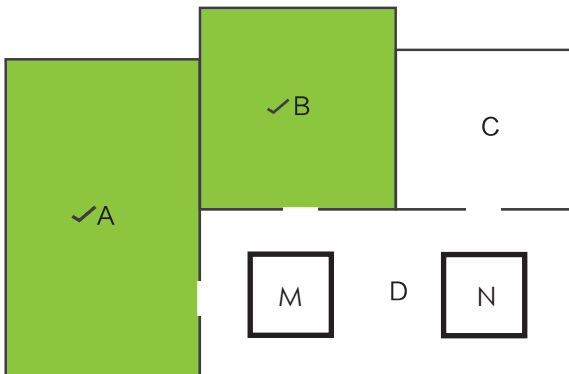


## 6. Configured zone cleaning

In a complete map, users can choose the areas "M" and "N" in room "D" to clean at configured zone cleaning mode.

## 7. Selected zone cleaning

In a complete map, users can choose the room "A" and room "B" to clean at selected zone cleaning mode.

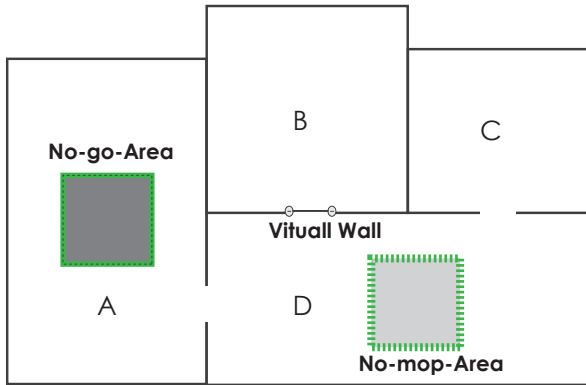


**Please make sure the robot have drawn a complete map before zone cleaning, Room cleaning or Edit room.**

## 8. Virtual Boundary

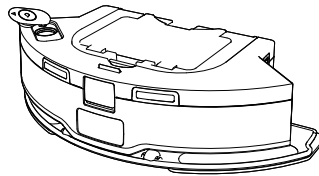
Users can set No-go area, No-mop-area and virtual wall for your home in the App. F2 Pitbox Pro will not enter the no-go-area and no-mop-area, it also will not cross the invisible wall after setting succeeded.



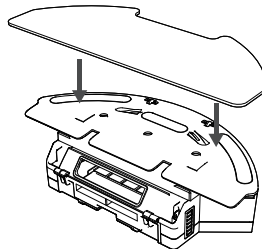


## How to use Water Tank

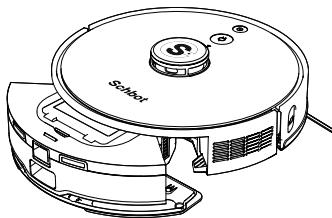
1). Open the sealing cap of the water tank, fill it up with clean water and close it tightly.



2). Attach the microfiber mop to the mopping plate, put back the mopping plate on the water tank tightly.



3). Put the 2 in1 dust box & water tank on F2 Pitbox Pro, start mopping your floor from the docking station.

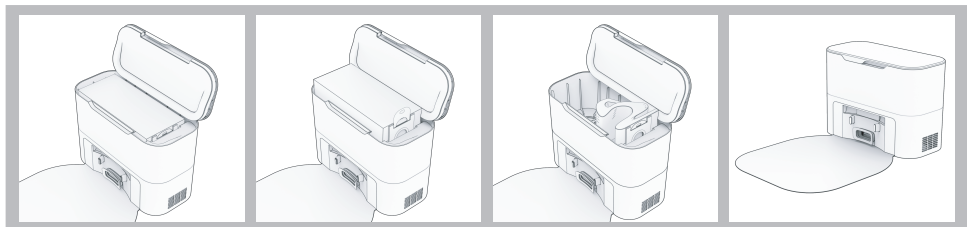


#### \* Attention

- Do not add dirty water or corrosion/flammable liquid into water tank.
- Do not spill water on F2 Pitbox Pro.
- If the water goes into F2 Pitbox Pro, please cut off the power source as soon as possible, then switch off the robot, contact the local distributor for help.

### How to replace Dust Bag

1. Unplug the self-empty docking station, then open the lid.
2. Pull up the tab to close the dust bag opening, lift to remove the full dust bag and discard.
3. Insert the new dust bag into the slot and slide the card into place completely, slide the opening tap all the way down.
4. Close the lid, and plug the power outlet.



#### Note:

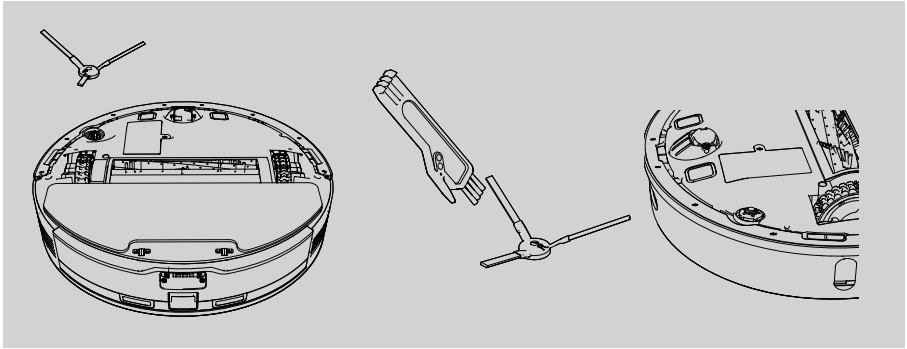
- The dust bag is disposable, please check the dust bag regularly, replace the full dust bag in time.

## Cleaning and Maintenance

### Clean the Side Brush

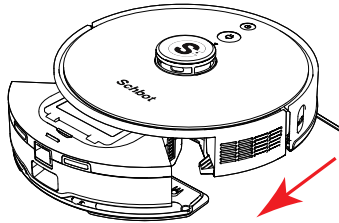
- The side brush can be bent or damaged after being used for a period of time. Pull off the side brush and clean it with the cleaning tool or soft mop, or replace it with new side brush.

- The side brush can be reshaped with hot water if deformed. Please put the side brush into hot water for about 10minutes, then take them out (Please take care of yourself to avoid being scalded by hot water).

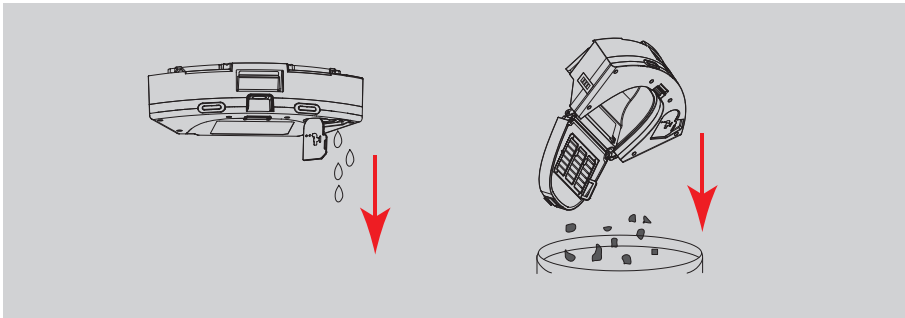


### Clean the 2 in1 Dust Box & Water Tank

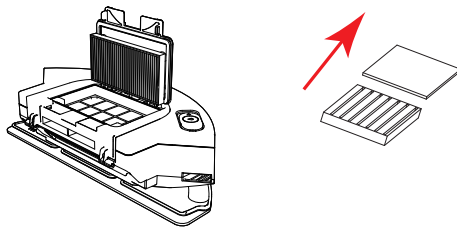
- 1). Press the dust box release button to pull the dust box out.



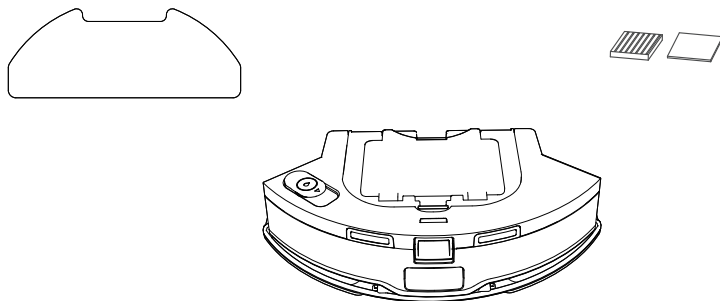
- 2). Empty the water tank, then open the dust box and empty the debris.



- 3).
  - Remove the mopping cloth from the mopping plate.
  - Open the filter opening and take out the sponge and Hepa.



- 4).
- Clean the HEPA with the cleaning tools, or wash it with clean water.
  - Clean the dust box, pre-filter and sponge with the cleaning tool.
  - Clean the mopping cloth with clean water.

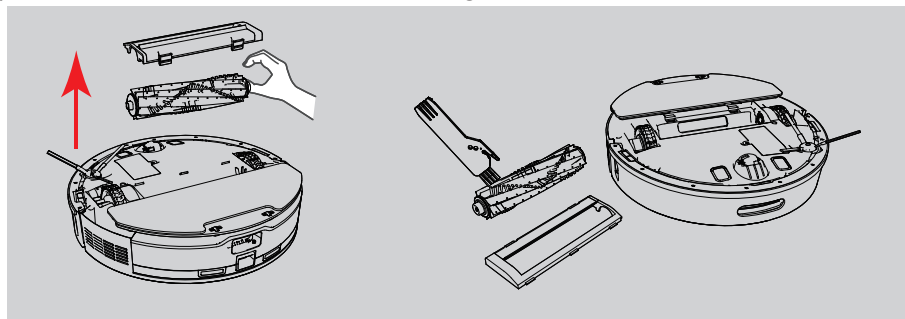


- 5).
- Dry the dust box, Hepa, sponge and mopping cloth, do not expose the HEPA in the sunlight.
  - Put the sponge, HEPA back together into the dust box, then put the dust box back into the main unit.

\* Before installing filters, ensure that the sponge, HEPA and dust box are dry.

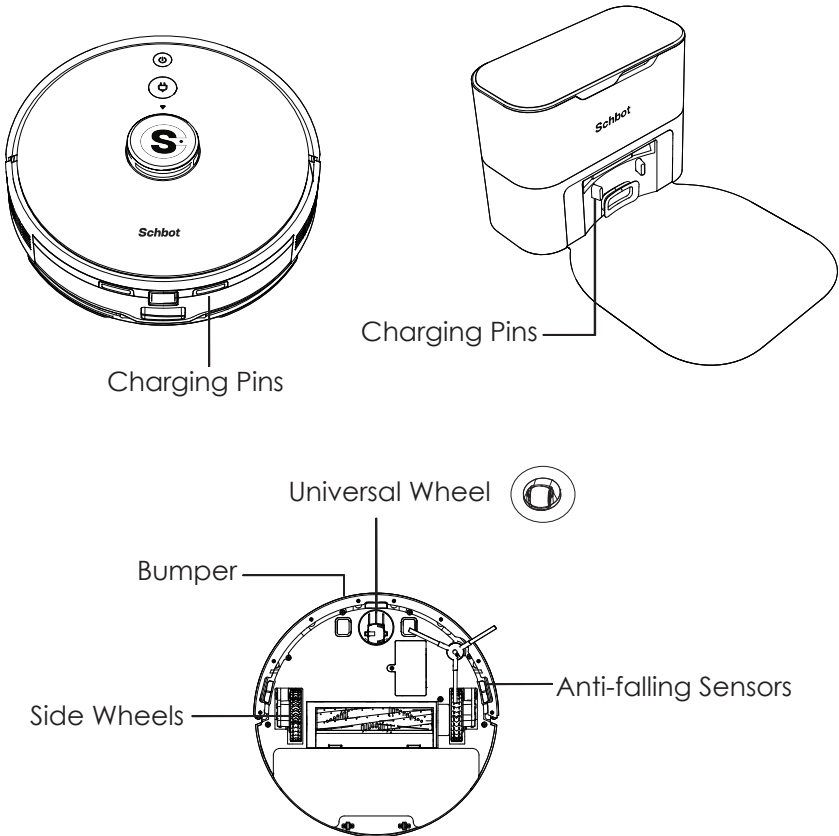
### Clean the Roller Brush

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



## Clean the Other Parts

- Clean the charging pins on the robot and 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 place it back after cleaning finished.
- Turn over the side wheels manually, clean them with dry and soft mopping cloth.



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

## Cleaning / Replacement Frequency Recommended

Part	Cleaning / Replacement 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.
Filter in Pitbox	Cleaning monthly.
Mopping Cloth	Cleaning after each use; Replacement 6-12 months.
Universal Wheel	Cleaning monthly.
Anti-falling sensors	Cleaning weekly.
Bumper	Cleaning weekly.
Charging Pins	Cleaning weekly.
Dust Bag	Replacement 3-4 weeks according to use

**Note:**

Above frequency is only for your reference. The final cleaning / replacement frequency should subject to your exact use frequency.

## Troubleshooting

Whenever the robot runs into trouble, it will stop and the indicators on the robot will blink in red, please check the App for trouble details.

<b>Trouble</b>	<b>Solutions</b>
Lidar	Lidar is not clean or lost visibility. Clean the Lidar and move the robot away from mirrors/walls to the center of the room. Lidar's bumper is jammed, tap the bumper slightly and clean the it.
Power Error	Check the battery and power connection.
Bumper	Bumper is dirty or jammed. Clean the bumper and clear the obstacles.
Left/Right Wheel	Left/right wheel is jammed. Clean and clear the obstacles.
Edge Sensor	Anti-falling sensors error. The robot is stuck near a cliff or the robot is off ground, or the sensors are dirty. Move the robot to safety and clean the sensors.
Battery	Low battery or disconnected battery. Power off the robot and check the connection. Charge the robot.
Main Brush	Main brush is jammed. Remove and clean.
Side Brush	Side brush is jammed. Remove and clean.
Dustbin	Dustbox is disconnected. Remove it and wipe the connectors on the dust box.
Mop	Mopping plate is disconnected. Remove and wipe the connectors.
Navigation	Robot is stuck or affected by the environment. Restart the robot.
Electronic	Restart the robot.

## FAQ

To help users know more about F2 Pitbox Pro, please check the below questions and answers about the robot:

Questions	Answers
F2 Pitbox Pro can not be charged.	<ul style="list-style-type: none"> <li>• Make sure the charging cord connects with power outlet and station correctly.</li> <li>• Clean the charging pins on docking station and F2 Pitbox Pro with dry and soft cloth, then charge again.</li> </ul>
F2 Pitbox Pro can not be activated.	<ul style="list-style-type: none"> <li>• Make sure the power switch is turned on.</li> <li>• Make sure F2 Pitbox Pro is fully charged.</li> </ul>
F2 Pitbox Pro Stops working suddenly.	<ul style="list-style-type: none"> <li>• Check the battery power.</li> <li>• Make sure the cleaning mode is not PIN N GO mode.</li> <li>• Check the working conditions and make sure F2 Pitbox Pro is not trapped by obstacles.</li> <li>• Restart F2 Pitbox Pro.</li> </ul>
F2 Pitbox Pro does not work as scheduled.	<ul style="list-style-type: none"> <li>• Make sure the main power switch is turned on.</li> <li>• Make sure F2 Pitbox Pro is not in the "Do not disturb mode"</li> <li>• Make sure F2 Pitbox Pro is fully charged.</li> <li>• Make sure F2 Pitbox Pro is not stuck at some places.</li> </ul>
F2 Pitbox Pro goes back to recharge before finishing cleaning.	<ul style="list-style-type: none"> <li>• F2 Pitbox Pro will go back to recharge if the battery power is lower than 20%, make sure it is fully charged.</li> <li>• Restart F2 Pitbox Pro</li> </ul>
The working path and map of F2 Pitbox Pro is abnormal.	<ul style="list-style-type: none"> <li>• Remove the objects, such as cables, shoes from the floor.</li> <li>• Clean the anti-falling sensors and bumper with soft cloth.</li> <li>• Keep the wheels dry, the path of F2 Pitbox Pro will be abnormal if the wheels are wet.</li> <li>• Upgrade the latest version of firmware through App setting.</li> <li>• Restart F2 Pitbox Pro.</li> </ul>
F2 Pitbox Pro step back when working.	<ul style="list-style-type: none"> <li>• Clean the anti-falling sensors and the bumper with soft cloth.</li> </ul>
Suction power is weaker than before.	<ul style="list-style-type: none"> <li>• Clean and empty the dust box.</li> <li>• Clean the pre-filter, sponge and HEPA and dry them.</li> <li>• Clean the roller brush.</li> <li>• Clean the suction inlet.</li> </ul>
F2 Pitbox Pro can not connect to users' Wi-Fi network.	<ul style="list-style-type: none"> <li>• 5G router network is not available for the robot. Make sure the router network supports 2.4GHz.</li> <li>• Keep the router, F2 Pitbox Pro and smartphone be closer to each other, proceed with connection as per manuals &amp; App instructions.</li> </ul>



Problems	Solutions
F2 Pitbox Pro can not connect to Alexa or google home.	<ul style="list-style-type: none"> <li>• Make sure users have installed Alexa or google home app.</li> <li>• Make sure users have followed the guide of connection.</li> </ul>
User can not use the map on app.	<ul style="list-style-type: none"> <li>• Make sure the robot start from the docking station and go back to the station automatically, it has drawn a complete map.</li> </ul>
There is abnormal noise during cleaning.	<ul style="list-style-type: none"> <li>• Check the roller brush, side brush, universal wheel and side wheels, make sure all of them work well without being entangled.</li> </ul>
F2 Pitbox Pro missed some areas during cleaning.	<ul style="list-style-type: none"> <li>• Please check the bumper and anti-falling sensors, clean them, and also make sure the bumper can rebound normally.</li> </ul>
F2 Pitbox Pro can not find the docking station sometimes.	<ul style="list-style-type: none"> <li>• Please clean up the objects in the rooms.</li> <li>• Please do not move the robot manually during cleaning.</li> <li>• Check the wifi signal, make sure the robot is under the coverage of Wi-Fi signal.</li> <li>• Make sure the station is placed in a centralized area with plenty of open space around it.</li> </ul>
Self-empty docking station can not empty properly.	<ul style="list-style-type: none"> <li>• Please check the dust bag, make sure it is not full, and also the dust bag is installed properly.</li> <li>• Please check the power outlet, make sure it connects well with the plug.</li> <li>• Check the App and set the emptying frequency properly.</li> <li>• Remove and open the dust box and dump its debris.</li> <li>• Unplug the station and open the air passage to remove anything clogging it.</li> </ul>
Can users pick the robot up when use?	<ul style="list-style-type: none"> <li>• It is not recommended to pick the robot up because picking the robot up will affect its cleaning map. And also if users relocate the station, please delete the earlier map and re-map the house.</li> </ul>
Robot stops work and indicators blinks red rapidly.	<ul style="list-style-type: none"> <li>• Please log in the App and check the trouble details at the top of the control interface.</li> </ul>
<p><b>Notice:</b></p> <ul style="list-style-type: none"> <li>• F2 Pitbox Pro 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 F2 Pitbox Pro.</li> <li>• Please contact the local distributor or after-sales service center if the problem still can not be solved after taking these measures.</li> </ul>	

**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 their registered company in the correspond countries or areas.

## Warranty

- The F2 Pitbox Pro has a 1 year limited warranty against original defects in workmanship or material.
- The warranty only applies to the authorized distributors of Schbot.
- 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, dust bag 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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