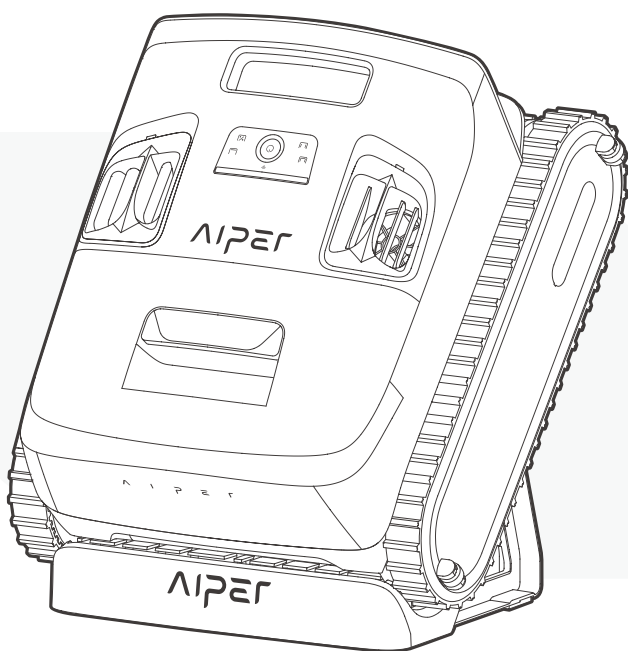


元鼎智能 Aiper

AIPER®

Aiper Scuba V3 Pro

Cordless Robotic Pool Cleaner
Robot de piscine sans fil



User Manual / Manuel d'utilisation

保密文件 Confidential Document

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EN

Thank you for choosing Aiper.

You've now joined millions who have already trusted Aiper to care for their pools and are enjoying the convenience of a pristinely clean pool.

This user manual will help you maintain your device and ensure it performs at its maximum efficiency for years to come. Please take a moment to read through it.

If you have any questions, please visit our website at www.aiper.com and contact our customer service team for assistance or more information.

Aiper Customer Service:

Country	Toll Free Number	Language
United States	+1 8668500666	English
Canada	+1 8338849230	English
Australia	+61 1800497023	English

 Email: service@aiper.com



Scan for Video Guide



Scan the QR Code to Access
Customer Support

1 IMPORTANT SAFETY INSTRUCTIONS

Please read this manual carefully and follow all warnings and instructions when using your Aiper Cordless Robotic Pool Cleaner (hereinafter referred to as *device*). Failure to comply may result in electric shock, fire, or serious injury. Aiper is not liable for any losses or injuries caused by improper use of this device.

For your safety and the optimal performance of this device, please read and follow these instructions:

1. READ AND FOLLOW ALL INSTRUCTIONS

2. This device 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 device in a safe way and understand the hazards involved.
3. Children shall not play with the device. This device shall not be used by children. Cleaning and user maintenance shall not be carried out by children.
4. **WARNING:** To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.
5. Ensure that children do not attempt to touch the device while it is operating.
6. Do not allow children to ride the device under any circumstance.
7. While operational, do not place your hands into any part of the device as this may result in injury.

8. Prevent unintentional starting. Ensure the power button is off before connecting to the battery pack, picking up, or carrying the device. Carrying the device with your finger on the power button or energizing the device with the power button on invites accidents.
9. CAUTION: This pump is for use with permanently-installed pools. Do not use with storable pools. A permanently-installed pool is constructed in or on the ground or in a building such that it cannot be readily disassembled for storage. A storable pool is constructed so that it is capable of being readily disassembled for storage and reassembled to its original integrity.
10. Do not run your device out of the water as it may lead to over-heating.
11. The device can only be charged with the specific charging dock (model: CH02), which is powered by the specific charger (model: GM95-252300-1FGN, GM95-252300-4FGN).
12. Do not place any objects between the device and the charging dock. The device may fail to charge properly or overheat and get damaged as a result.
13. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
14. This device can only be used with C1264D2-04 model lithium battery packs.
15. This device contains batteries that are non-replaceable. When the battery is at end of life, the device shall be properly disposed of.
16. In the event a damaged device produces an unfamiliar liquid, avoid contact with the liquid. If coming into contact with a foreign liquid, especially the eyes or other sensitive parts, immediately flush with water. Liquid ejected from a damaged battery may cause skin irritation or burns.

17. Do not use a battery pack or device that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
18. Do not expose a battery pack or device to fire or excessive temperature. Exposure to fire or temperature above 158°F (70°C) may cause explosion.
19. Follow all charging instructions and do not charge the battery pack or device outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
20. WARNING : Risk of Electric Shock. Connect only to a grounding type receptacle. If replacement of the plug or cord is needed, use only identical replacement parts.
21. CAUTION: To reduce the risk of electric shock, the pool must be installed no closer than 6 feet (1.8 m) from any electrical outlet. Do not place portable devices closer than 5 feet (1.5 m) from the pool.
22. Ensure the charging port is dry before charging with the charger. While charging, your device should be kept in a cool, well-ventilated area. Do not cover your device while charging, as this may cause components to overheat.
23. WARNING: To reduce the risk of electric shock, do not use an extension cord to charge your device and instead only charge it via a dedicated wall outlet.
24. WARNING: To reduce the risk of electric shock, replace damaged cord immediately.
25. Only certified professionals should disassemble the sealed drive kit of your device.

26. Do not operate your device simultaneously with any other pool equipment, such as a pool filter, cleaner, or skimmer.
27. Operate the device when the pool's water pump is off to prevent it from getting stuck in the drain.
28. When putting your device into the water, the top of the device must face upwards and should never be placed upside down or thrown into the swimming pool.
29. Do not drop, pierce the shell, or intentionally damage the device in any way, as this may void your warranty.
30. Ensure the device is powered off while not in use or while performing maintenance.
31. When not in use, store the device indoors, in a cool, well-ventilated area.
32. The device is not protected against the effect of freezing. It shall not be left outside during freezing weather conditions.
33. CAUTION:
 - FOR USE WITH SWIMMING POOLS ONLY.
 - FOR USE ONLY WITH AUTHORIZED AIPER CHARGING DOCK, MODEL: CH02.

SAVE THESE INSTRUCTIONS

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- (1) Reorient or relocate the receiving antenna.
- (2) Increase the separation between the equipment and receiver.
- (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- (4) Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement:

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

Importer: Aiper Intelligent, LLC.

Address: 8735 Dunwoody Place, STE 6, Atlanta, Georgia 30350, USA (Not for Returns)

US Toll-Free: +1 8668500666

CA Toll-Free: +1 8338849230

AU Toll-Free: +61 1800497023

ISED Statements

This device complies with Innovation, Science and Economic Development Canada license-ICES-003. Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

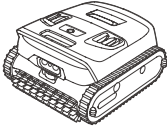
CAN ICES-3(B)/NMB-3(B)

Radiation Exposure Statement:

3. This device complies with ISED radiation exposure limits set forth for an uncontrolled environment.
4. This device should be installed and operated with minimum distance 20cm between the radiator & your body.

2 Product Contents

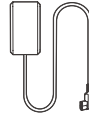
2.1 In the Box



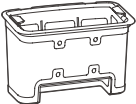
Aiper Scuba V3
Pro × 1



Charging Dock × 1



Charger × 1



Replaceable
MicroMesh™
Ultra-fine Filter × 1
(in the device)



Hook × 1



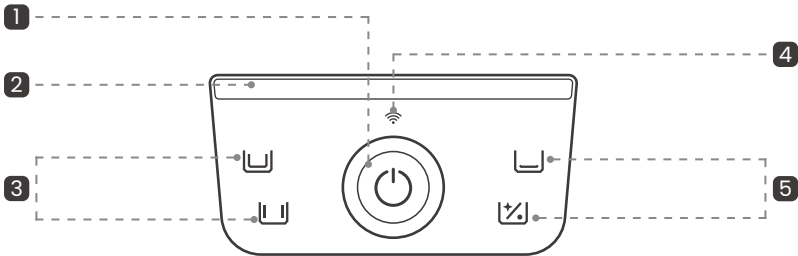
Quick Start
Guide × 1



User Manual × 1

2.2 Component Overview

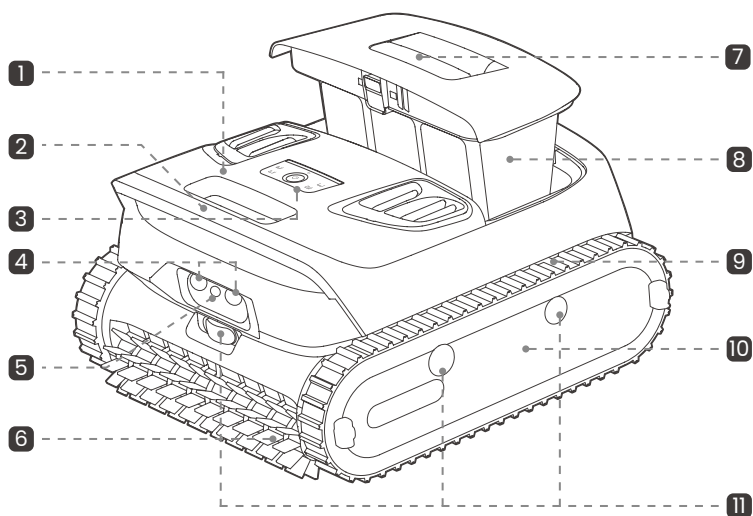
2.2.1 Control Panel



- 1 : Power Button
- 2 LED Status Indicator
- 3 LED Mode Indicator

- 4 Wi-Fi Indicator
- 5 LED Mode Indicator

2.2.2 Robotic Pool Cleaner



1 Top Shell

2 Handle

3 Control Panel

4 Aiper Vision Camera

5 Fill Light

6 Roller Brush

7 Filter Box Handle

8 Filter Box

9 Caterpillar Tread

10 Side Cover Plate

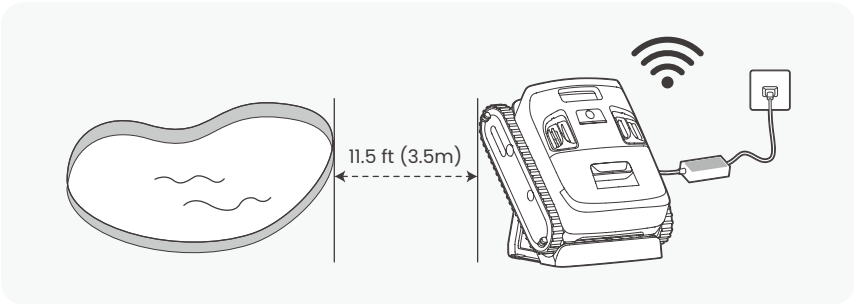
11 Ultrasonic Sensor

3 Preparation Before Use

3.1 Charging

CAUTION:

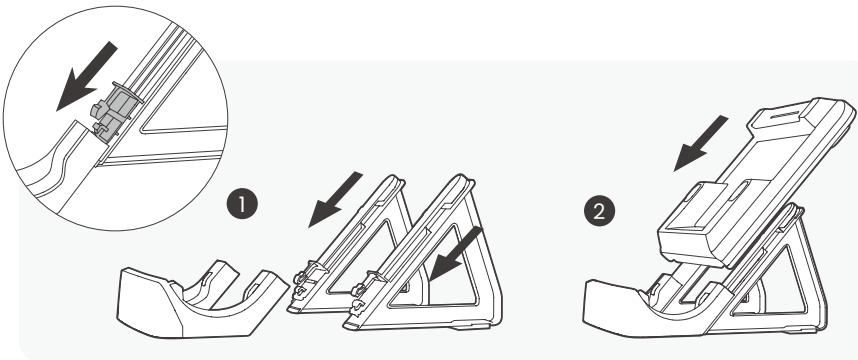
- Fully charge the device before first use.
- Do not charge the device in direct sunlight.
- For optimal performance, ensure the charging dock is located at least 11.5 ft (3.5m) away from the pool. A charging location with Wi-Fi coverage is recommended to enable faster OTA (over-the-air) updates.



Note: For Aiper Caddy users, skip the following steps and follow the *Aiper Caddy Installation Guide* instead.

1. Set Up the Charging Dock:

Insert the support legs into the charging panel and attach the front cover.

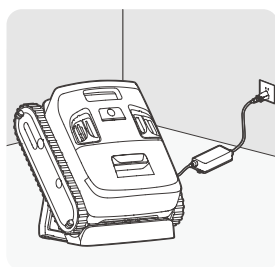
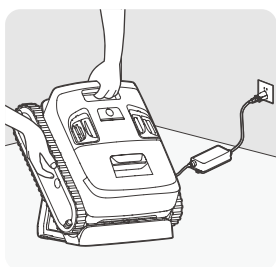
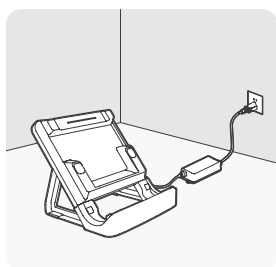


2. Connect and Charge:

Plug the charger's cable into the dock's charging port. Connect the plug to a wall outlet.

Before charging, ensure that both the charging dock and the device are dry. Do not place a wet device on the dock. Use a paper towel or a dry cloth to thoroughly dry the metal contacts on the bottom of the device for best charging quality.

Place the device in the center of the charging dock. The device will automatically power on and start charging once properly placed. The LED indicator on the device will flow yellow, blue, green while charging and turn solid green when fully charged.



- Solid Green: Charging Complete
- Flowing Blue: Charging (Battery 13-30%)
- Flowing Green: Charging (Battery 31-99%)
- Flowing Yellow: Charging (Battery 0-12%)

3.2 Downloading App

Enhance your pool cleaning experience by downloading the Aiper App. The app allows you to access additional features and control options for your device.

To get started:

- Scan the QR code below
- Or search for *Aiper* in the App Store or Google Play



Notes:

- iOS 12.0 or later, or Android 8.0 or later is required for full app functionality on your smartphone or device.
- Once the app is installed, proceed with registration, login, and network setup.

3.3 Network Setup

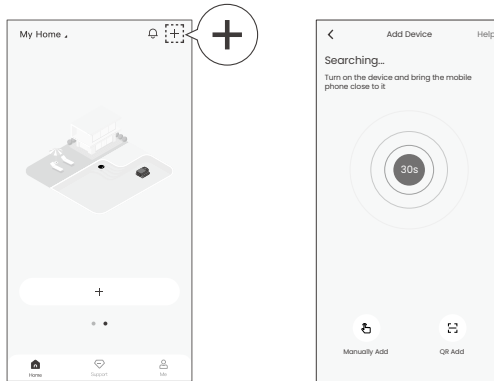
When you power on the device for the first time, it will enter **Network Setup Mode** with a pulsing Wi-Fi indicator. If the setup is interrupted, press and hold **⏏** for 5 seconds until two **beeps** are heard, then re-enter Network Setup Mode.

Select a Setup Method

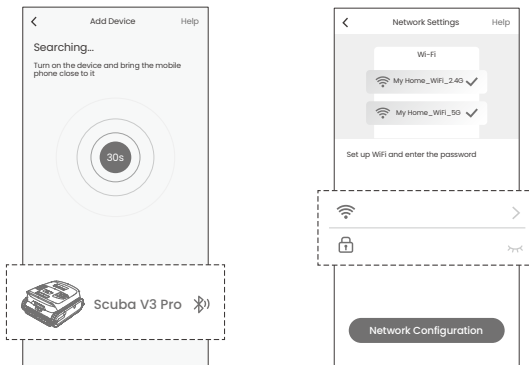
Once in Network Setup Mode, you can connect your device to available Wi-Fi networks using **Bluetooth Setup** or **QR Code Setup** via the Aiper App.

• Bluetooth Setup:

1. Enable Bluetooth on your phone and allow access to the Aiper App.
2. Open the Aiper App and tap the **[+]** icon in the top-right corner. The app will detect nearby Bluetooth devices (Bluetooth setup process will launch by default).



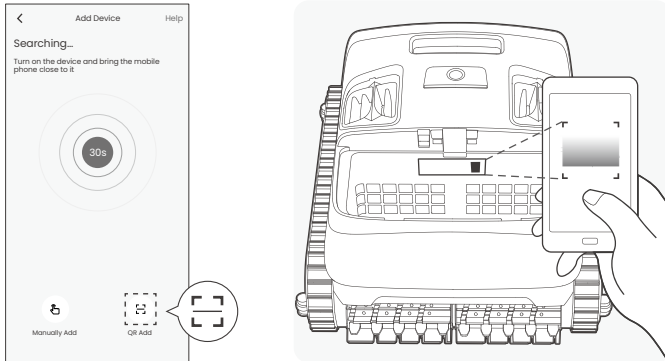
3. Select your device once it is detected, enter the Wi-Fi name and password, and tap **Network Configuration** to complete setup.



- **QR Code Setup:**

1. If the device fails to be detected via Bluetooth, tap **QR Add** on the search page, and use your phone's camera to scan the QR code printed on your Aiper device.

Note: To find the QR code, remove the filter box. It is located on the inner side of the device.



2. When detected, follow the in-app instructions to connect to the device's Wi-Fi.
3. Once connected, return to the app and follow the prompts to finalize the setup.

4 Using Your Aiper Scuba V3 Pro

4.1 Operating Conditions

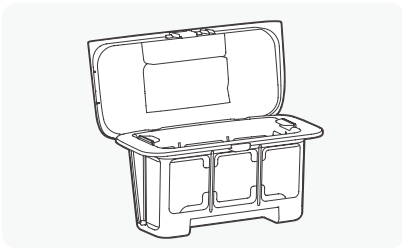
To ensure optimal performance and maintain your warranty coverage, use the device only within the following pool water parameters.

• Water Temperature	41-104°F (5-40°C)
• pH Value	7.0-7.8
• Chlorine	Maximum 4 ppm
• NaCl	Maximum 5000 ppm

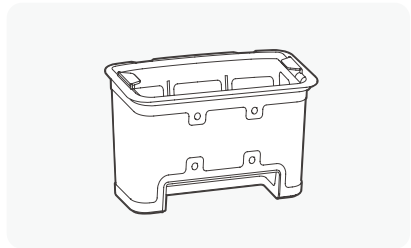
Disclaimer: Use of this device in aging or damaged pools, including but not limited to pools with deteriorated, cracked, or peeling liners or coatings, or pools with reduced structural stability, may cause additional wear, worsen existing damage, or accelerate liner detachment.

4.2 Selecting Filter

Two types of filters are included: a filter box and a replaceable MicroMesh™ ultra-fine filter. Use the Filter Box alone, or with both filters combined, based on the water condition.

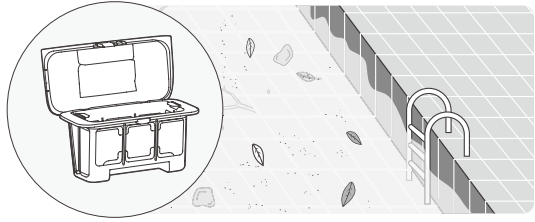


Filter Box



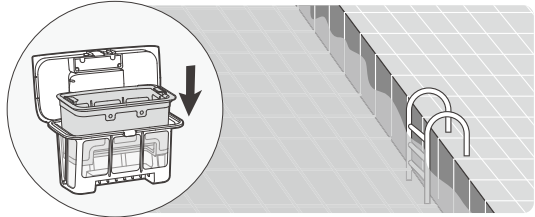
Replaceable MicroMesh™
Ultra-fine Filter

Filter Box: Filters large debris. Use it when there is a significant amount of visible debris (e.g., stones, leaves, sand, hair).



Use for heavy visible debris

Replaceable MicroMesh™ Ultra-fine Filter: Traps particles as small as $3\mu\text{m}$ (e.g., silt, fine debris, some algae). Use it when the water appears cloudy or has algae, and visible debris (e.g., stones, leaves, sand, hair) is minimal.

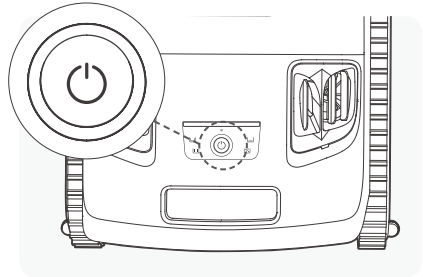


Use for cloudy water & fine particles

4.3 Cleaning Process

4.3.1 Powering On/Off

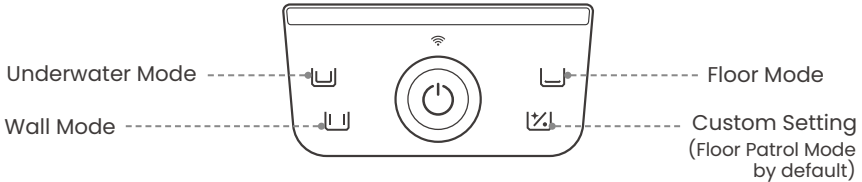
- Power on: Press and hold  for 2 seconds.
- Power off: Press and hold  for 2 seconds until a *beep* is heard.
- Network setup: Press and hold  for 5 seconds until two *beeps* are heard.
- Factory reset: Press and hold  for 10 seconds until three *beeps* are heard.



4.3.2 Select Cleaning Mode

By default, the device starts in *Underwater Mode*.

Briefly press  to cycle through the four pre-programmed cleaning modes:



Additional cleaning modes can be accessed via the Aiper App.

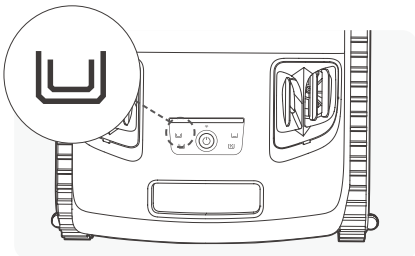
Tip: Once submerged, the device will detect its environment and begin the selected cleaning task automatically.

4.3.3 Cleaning Modes Overview

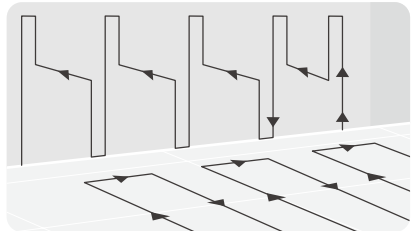
Each cleaning mode is designed for a specific pool maintenance task. The modes are described below:

- **Underwater Mode**

The device performs dual-stage cleaning, starting with the pool floor and then moving on to the pool walls. While climbing and cleaning the walls, it also scrubs the waterline for a more complete clean.



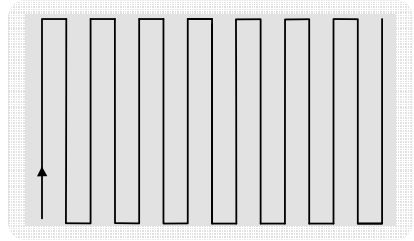
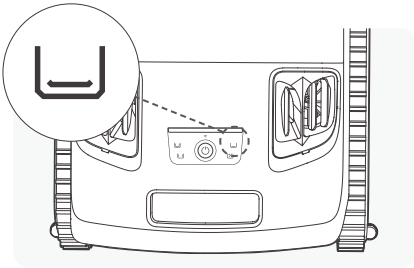
Underwater Mode



• Floor Mode

The device first cleans along the pool floor contour, then covers the whole pool floor using an efficient S-shaped route. In this mode, the device does not climb or clean pool walls.

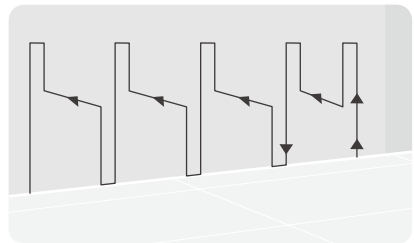
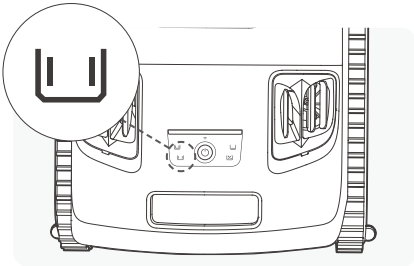
Note: Suction power can be adjusted via app while using Floor Mode.



Floor Mode

• Wall Mode

The device focuses solely on the pool walls. While climbing and cleaning the walls, it also scrubs the waterline for a more complete clean. In this mode, the device does not clean the pool floor.

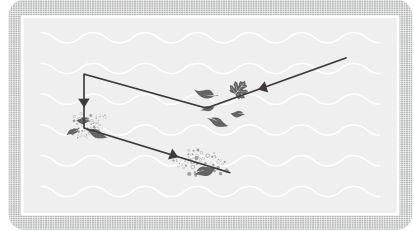
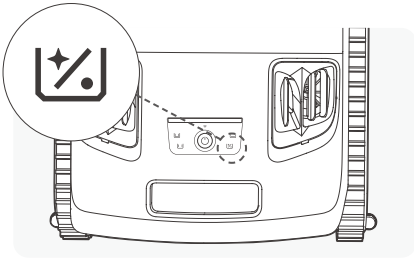


Wall Mode

- **Custom Setting (Floor Patrol Mode by default)**

In Floor Patrol Mode, the device cleans the pool floor, with the Aiper Vision Camera activated for high-efficiency targeted debris cleaning.

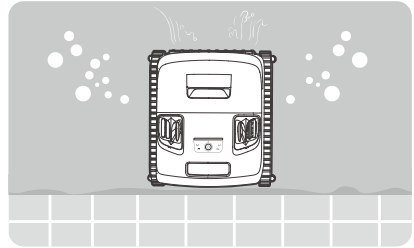
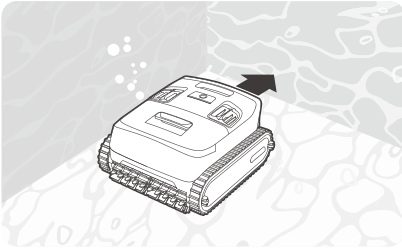
The cleaning tasks for the Custom Setting can be modified in the app.



Custom Setting (Floor Patrol Mode by default)

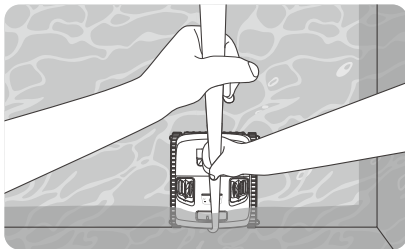
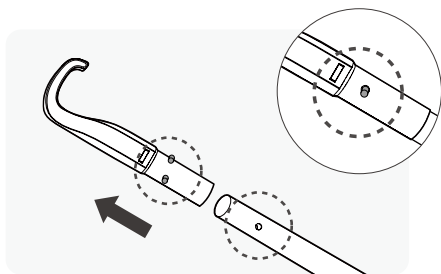
4.3.4 Automatic Return

After completing its cleaning task, the device will automatically ascend to the water's surface near its original entry point for retrieval.



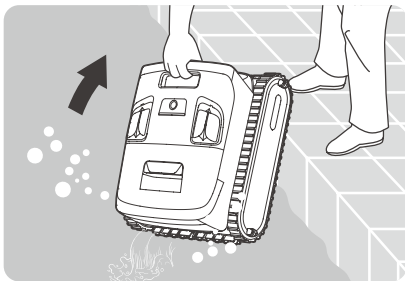
If the device does not automatically surface after completing a cleaning task:

- Attach the included retrieval hook to a standard telescopic pool pole (not included).
- Use the extended pole to hook and lift the device out of the water safely.



4.3.5 Post-Cleaning Care

Before storing or charging, allow the device to fully drain any remaining water.

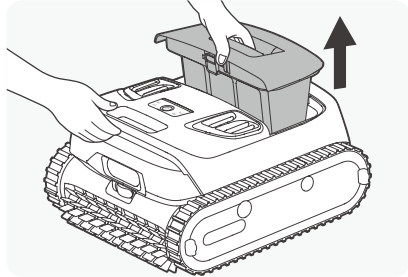


5 Maintenance

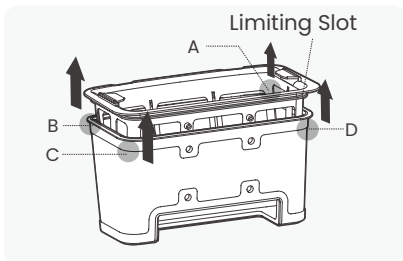
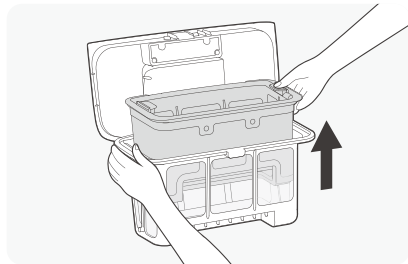
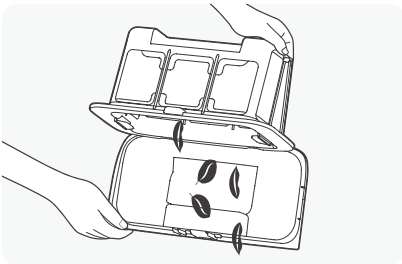
5.1 Cleaning After Use

5.1.1 Cleaning the Filter Box

1. Place the device on a flat surface.
2. Hold the device with one hand, and press the release tab with the other hand to lift the filter box out.

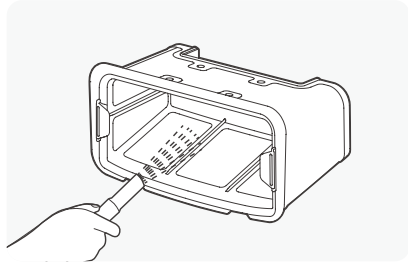
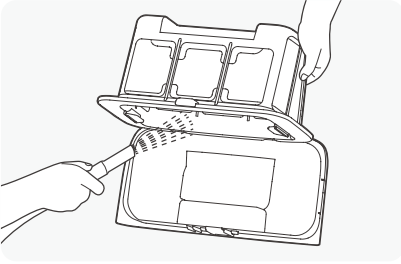


3. Empty the filter box and remove the replaceable MicroMesh™ ultra-fine filter (if applicable).

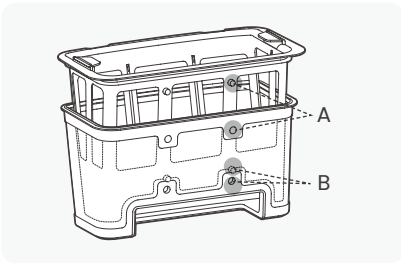


To remove the replaceable MicroMesh™ ultra-fine filter, pull the A, B, C, and D corners out of the limiting slot.

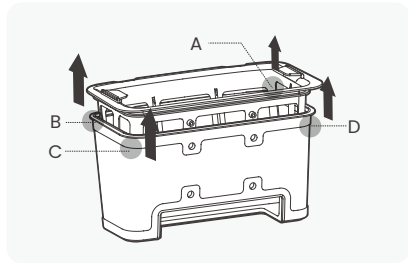
4. Rinse the replaceable MicroMesh™ ultra-fine filter and filter box separately.



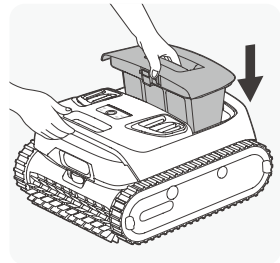
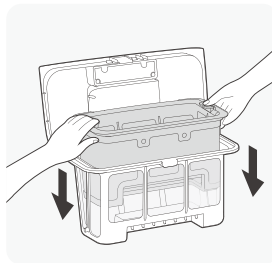
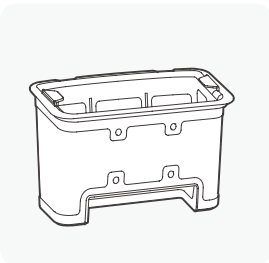
5. After drying the replaceable MicroMesh™ ultra-fine filter and filter box, install the filter back in the filter box, and insert the filter box back into the device.



Ensure that A and B on the filter box are aligned with A and B on the replaceable MicroMesh™ ultra-fine filter.

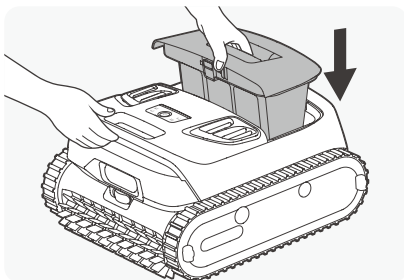


Pull up the four corners A, B, C, and D in turn.



After installation, ensure the replaceable MicroMesh™ ultra-fine filter is properly fitted into slots.

6. Ensure the filter box is securely fitted once reinserted. Gently pull up on the handle to confirm that the filter box is locked in place.

**Notes:**

- **Remove and Clean Promptly:** After each cleaning cycle, immediately remove the device from the pool and clean the filter box. Avoid leaving the device submerged for extended periods.
- **Cleaning Recommendation:** Use a high-pressure water gun to thoroughly clean the filter box or the replaceable MicroMesh™ ultra-fine filter for optimal performance. The replaceable MicroMesh™ ultra-fine filter needs to be rinsed inside and outside. Scrub by hand if necessary.
- **Optional Drying:** Drying the filter and filter box is not required but can help prevent moisture-related odors.
- **Proper Storage:** When drying or storing the device and its components, including the MicroMesh™ ultra-fine filter and filter box, place them in a well-ventilated area, away from direct sunlight.
- **Normal Wear:** The MicroMesh™ ultra-fine filter may show surface wear after several uses. This is normal and does not affect its performance.
- **Replacement Interval:** The MicroMesh™ ultra-fine filter is a consumable part and should be replaced approximately every 30 uses to maintain optimal filtration performance.