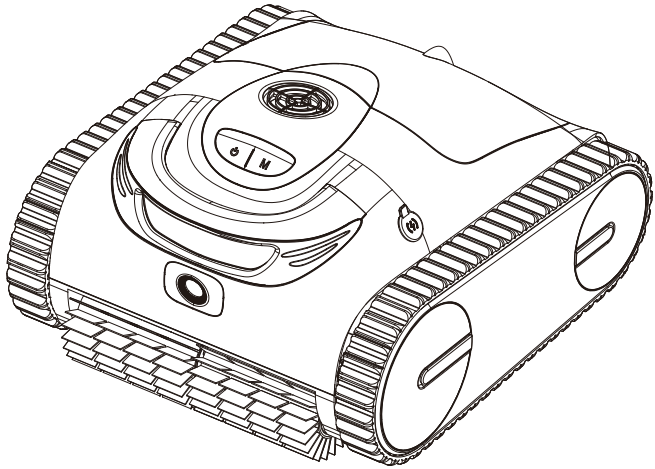
Robotic Pool Cleaner
User Manual

V1 & C30 &C30PRO



Read the User Manual carefully before first use.
Make sure you understand all the instructions and safety warnings

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1. Important Safety Precautions

Read this manual carefully and follow the instructions when using your cleaner. The company shall not be liable for any damage or injury caused by improper use.

Operation Guide

1. Never operate the cleaner while people or animals are in the pool.
2. Turn off the cleaner when it is not in use or during maintenance.
3. Under no circumstances should children be allowed to ride on the cleaner. Ensure constant supervision when children are around a running cleaner.
4. Use an authorized power adapter only. Charge the appliance indoors only.
5. The adapter cord should only be replaced by a qualified electrician or our customer service center.
6. Do not use a charger with a damaged cord to avoid any risk of electric shock.
7. Before charging, ensure your cleaner is powered off and the charging port is dry. During charging, place your cleaner in a cool place. Do not cover the cleaner while charging, as this may cause components to overheat.
8. Do not operate the pool cleaner out of water, as this may cause the cleaner to overheat.
9. Only certified professionals may disassemble the drive kit of the cleaner.
10. The oil seals around the motor contain grease. If the motor is damaged, minor water contamination may occur. Stop using the cleaner immediately if you suspect a leak.
11. Do not puncture the enclosure of the cleaner, nor throw it, or intentionally damage the cleaner.
12. Do not drop or throw the cleaner when placing it in the water. For best results, lower it into the pool gently.
13. This device is for underwater use only.

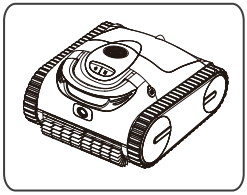
Note: Failure to follow these precautions may result in damage to the cleaner or personal injury.

1 . Charge the cleaner before first use.
2 . Do not overcharge the cleaner, as this will shorten the battery life.
3 . Charge the cleaner before prolonged storage (exceeding 3 months) to maintain optimal battery life.
4 . Do not handle the cleaner while it is running.
5 . Clean the filter basket and Filter Sponge after each use.
6 . Store the cleaner in a cool, well-ventilated area, away from direct sunlight or any heat sources.
7 . Use the cleaner only under the following water conditions:

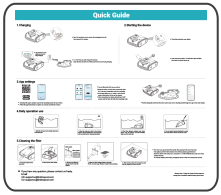
Temperature	41-95°F (5-35°C)
pH Value	7.0-7.8
Chlorine	Maximum value: 4 mg/L
Sodium chloride	Maximum value: 5000 ppm

2. Product Introduction

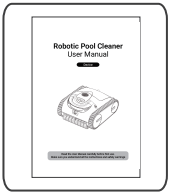
2.1 Packing List



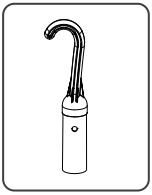
Cleaner



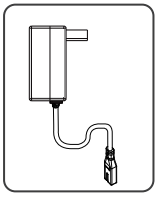
Quick Start Guide



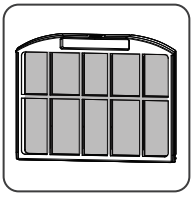
User Manual



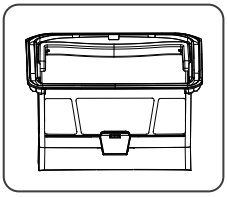
Hook



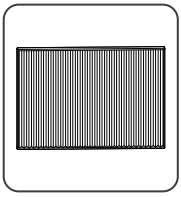
Charger



Filter Sponge

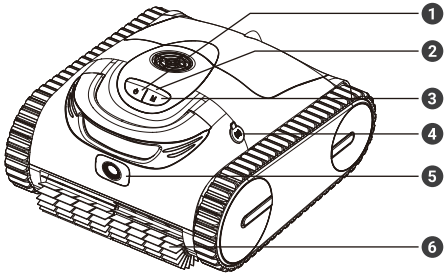


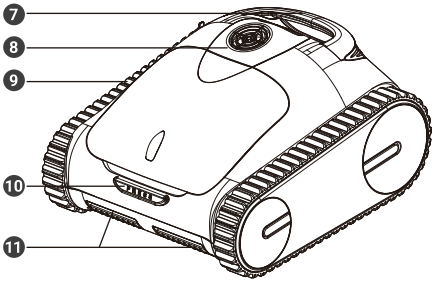
Filter Basket



HEPA Filter

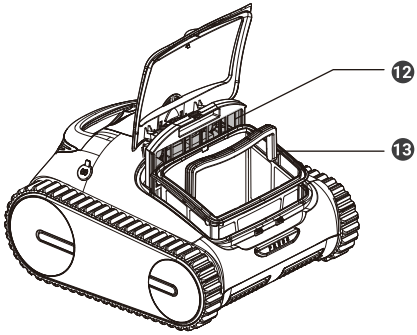
2.2 External Product Overview

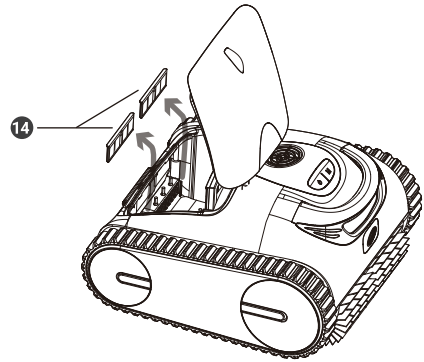




1. Power Button: Turns the cleaner on or off.
2. LED Indicator Light: Different light colors indicate the cleaner's status.
3. Mode Button: Used to cycle through different cleaning modes.
4. Charging Port: Connects the charger to power the cleaner.
5. Roller Brush: Used to loosen caked-on debris and direct it into the cleaner.
6. Handle: Used for transporting the cleaner.
7. Water Outlet: Discharges filtered water.
8. Cover Release Latch: Used to open the lid for accessing the filter basket and Filter Sponge.
9. Drain Port: Drains residual water in the cleaner.

2.3 Internal Product Overview

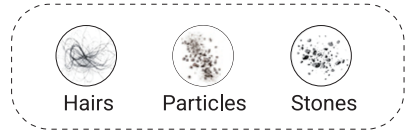




12. Filter Basket (180 um): Used to collect dirt and debris and must be cleaned after each use.
13. Secondary Filtration: Features interchangeable filter sponges and a HEPA filter for secondary filtration. Recommended for cleaning the pool floor.
Standard Filter Sponge: Captures larger debris, suitable for routine cleaning and heavily soiled pools.
HEPA Filter: Captures fine particles, ideal for fine cleaning of the pool floor.
Avoid using in heavily soiled pools, as this will clog the filter.



HEPA Filter can be used



Filter Sponge can be used

14. Filter Screen at Drain Port: It can prevent debris from escaping through the drain port. Remove clean it regularly.
Note: Do not operate the cleaner if the top cover or roller brush is damaged. If moisture is found inside any sealed compartment, stop charging or using the cleaner immediately and contact our customer support team.

2.4 Specifications

Model	Device
Pool Area	250–300 m²(2691—3229.2 sq.ft)
Depth	0.5-3 m
Product Dimensions	403 (L) × 362 (W) × 236 (H) mm(15.9inch x 14.3inch x 9.3inch)
Charging Time	2.5 h
Battery Life	≤200 mins (ECO mode)
Battery capacity	5000 mAh

Battery Pack Voltage	19.2 V
Motor Power	65 W
Charger Input	100-240 V~,50/60 Hz
Charger Output	22 V ⎓ 2.5 A
Double Filtration	180 um filter basket +35 PPI Filter Sponge/10um HEPA Filter
IP Rating	IPX8
OTA Upgrade	Standard configuration
APP Connection	Standard configuration

2.5 LED Indicator Light

The color of the LED indicator on the top of the cleaner signifies its status. For detailed information on the LED indicators and their corresponding cleaner statuses, please refer to the guide below:

Notes:

A breathing light features a slow, continuous cycle of brightening and dimming.

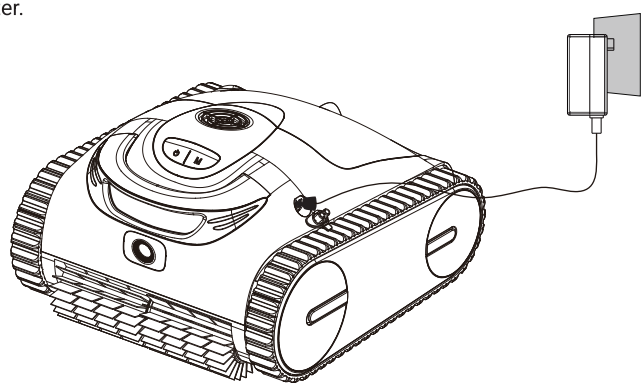
The running light moves from left to right, then turns off completely and repeats the cycle.

Color	LED Status	Description
Yellow	Flashing	During operation: Low battery, returning to dock Standby: Low battery, awaiting charge
Yellow	One light is on	Battery Level: 0%-20%
Green	Two lights are on	Battery Level: 20%-40%
Green	Three lights are on	Battery Level:40-60%
Green	Four lights are on	Battery Level: 60-80%
Green	All LEDs are on, with the last one flashing	Battery Level: 80-99%
Green	All LEDs remain on	Battery Level: 100%, fully charged
Blue	Breathing light	App Connection Mode
Blue	Running light	OTA update in progress; The device will power off automatically upon completion (It will function normally after restart)
Blue	A single LED remains on	Select Cleaning Mode
Blue	Running light	Working
Green	Flashing	Water discharge
Red	Flashing	Cleaner fault: Check the error code in the message notification in the App and contact our after-sales service personnel

3. Getting Started

3.1 Charging Your Device

The cleaner is equipped with a rechargeable lithium iron phosphate battery. Charge the battery before first use and when the battery is low. Connect the cleaner to a power outlet using the provided power cord and adapter.

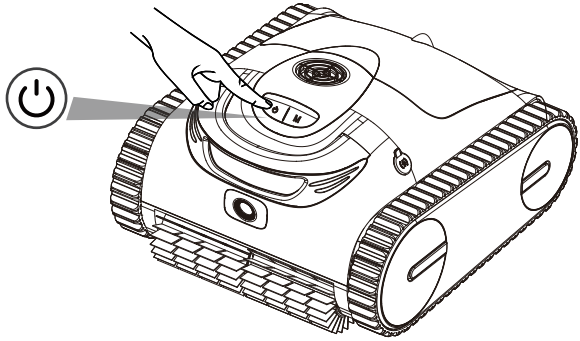


Notes:

1. During charging, ensure that the cleaner is placed at least 3 meters (approx. 10 feet) away from the pool edge.
2. To reduce the risk of fire, keep both the cleaner and the adapter away from direct sunlight or water while charging.
3. For safety, make sure the cleaner is powered off and the charging port is completely dry before initiating charging.
4. Charge the cleaner immediately when the LED indicator flashes yellow.
5. The optimal charging environment is between 41°F and 95°F (5°C and 35°C), with a relative humidity of 5% to 95%.

3.2 Starting Your Device

Press and hold the Power button until you hear a long "beep" sound. The indicator will light up and flash in green, indicating the device is now powered on.



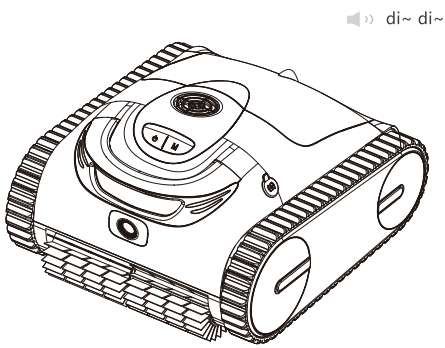
Note: After powering on, place the cleaner in the water within 3 minutes, or it will automatically shut down. If the LED flashes red, please check the error code in the App and contact our after-customer support.

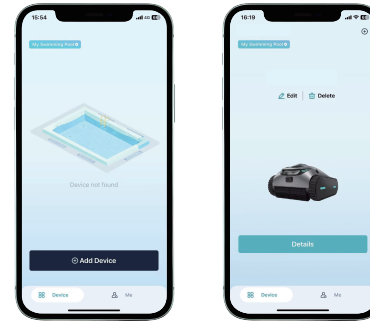
3.3 Connecting to Your App Account

You can download the App for your intelligent mobile cleaner by scanning the QR code below or searching for it in the Google Play or App Store.

	iOS	Android
	iOS 12 or above	Android 10.0 or above

Open the App, create an account or log in, and then follow the instructions to pair your Device. Enable Bluetooth/Wi-Fi on your phone. In the App, select your Device or scan the QR code on the bottom of the cleaner to connect. Once it is successfully connected, you will hear two consecutive "beep" sounds, and the LED will turn green to show the cleaner's battery status.





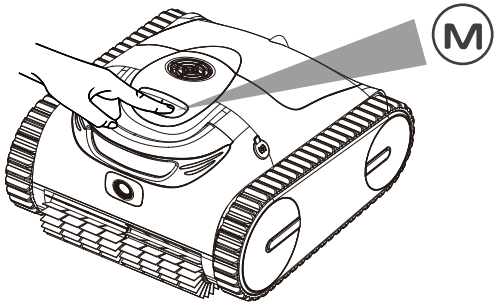
Notes:

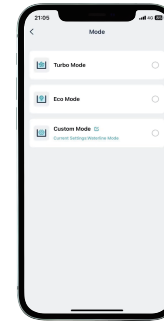
1. The App setup must be completed before the cleaner is placed in the water, as Bluetooth/Wi-Fi disconnects once the device is submerged in water.
2. You can use Over-the-Air (OTA) technology to update your cleaner's software via the App. The device will power off upon update completion (it will function normally after restart).

3.4 Set the desired cleaning mode

3.4.1 Select cleaning mode

You can use the mode button "M" on the device, or connect to the App on your phone to switch between different cleaning modes.





Icon	Mode Type	Path	Control Method
Turbo	Intensive Floor Mode	S-type, X-type, Star-type	Mode Button / App
Eco	Eco Floor Mode	S-type, X-type, Star-type	Mode Button / App

To improve cleaning coverage for pools of different shapes, we have developed three cleaning paths specifically for pool bottom cleaning. Testing has verified that different paths achieve better cleaning results for different pool shapes.

Upon initial connection, please follow the app's instructions to select your pool shape. The system will automatically match recommended cleaning paths: rectangular pools use an X-shaped path by default, elliptical pools use a star-shaped path by default, and irregularly shaped pools use an S-shaped path by default.

Once set up, the robot will automatically run according to the recommended paths in pool bottom cleaning mode for superior cleaning coverage.

You can also manually switch to other cleaning paths in the app; however, unless there are specific needs, it is recommended to keep the system's recommended settings.

Note:

1. The Standard Full-Pool Mode will run automatically if no other cleaning mode is selected.
2. Place the cleaner in the water within 3 minutes after powering on, otherwise it will shut down automatically.
3. Before changing the cleaning mode via the App, ensure that the cleaner is out of the water and within Wi-Fi/Bluetooth coverage range.

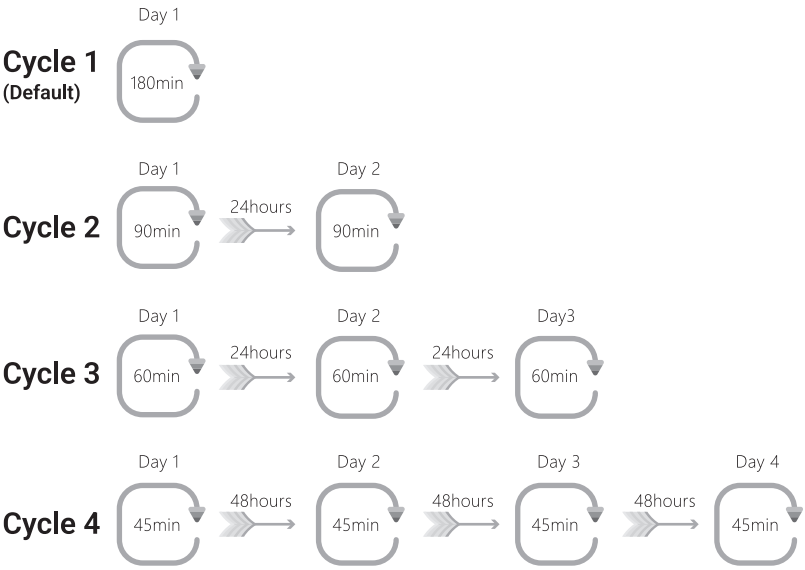
3.4.2 Select a Cleaning Schedule

You can schedule your preferred cleaning cycle through the App (you can refer to the following four cycle options), and you can choose the Bottom Mode.



Floor



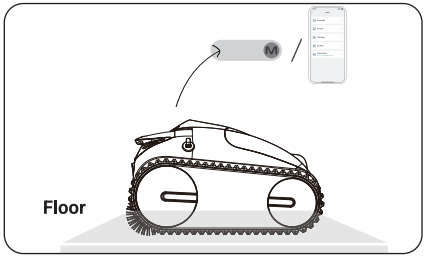


Notes:

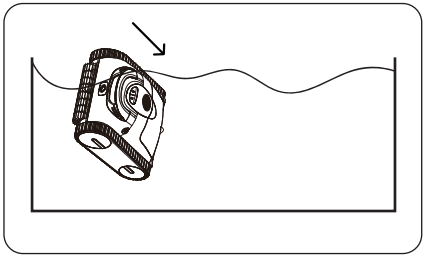
1. If you have selected a scheduled cleaning mode, please ensure the cleaner is fully charged prior to its scheduled start time.
2. The default single cleaning cycle lasts for 200 minutes (ECO Mode).
3. If you select a cycle other than the default one, you should keep the cleaner in the pool to complete the entire cycle. If you need to temporarily switch cleaning modes, remove the cleaner from the water, cancel the scheduled mode in the App, and then select another cleaning mode.

3.5 Operating Your Device

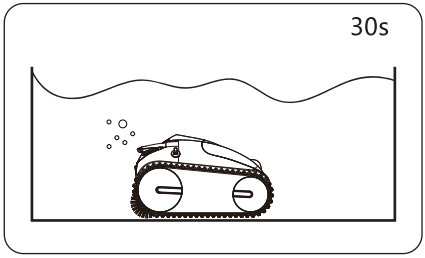
For optimal cleaning performance, ensure that the water depth of the pool is more than 50 cm.



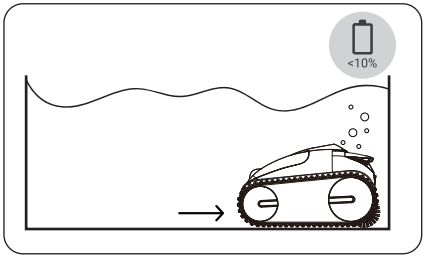
1. Select the mode before the cleaner is placed in the water, whether set via the physical button or the App.



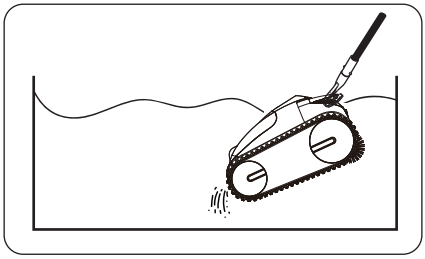
2. Hold the cleaner by its handle and lower it into the pool.



3. Allow the cleaner to sink to the bottom, where it will self-calibrate for approximately 30 seconds before starting operation.



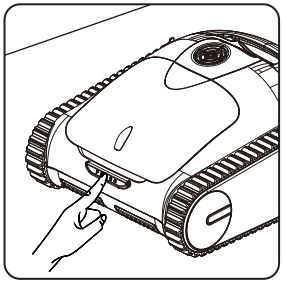
4. When the cleaner's battery level drops below 10%, the cleaner will automatically stop near the pool wall.



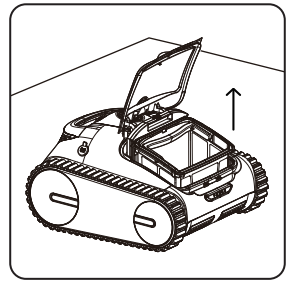
5. You can attach the provided hook to a pool pole and lift the cleaner out of the water.

Note: After removing the cleaner from the pool, place it vertically on the pool deck to allow for quick drainage.

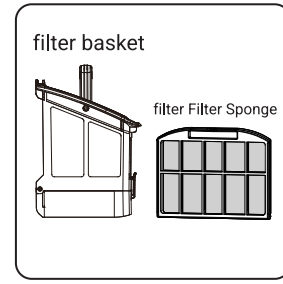
4. Filter Cleaning



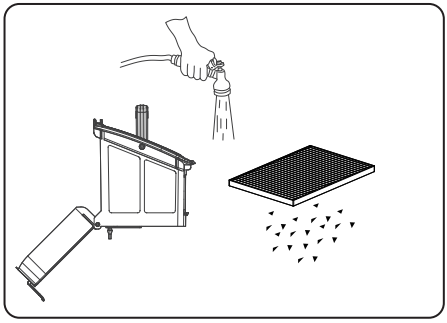
1. Press the button on the top cover.



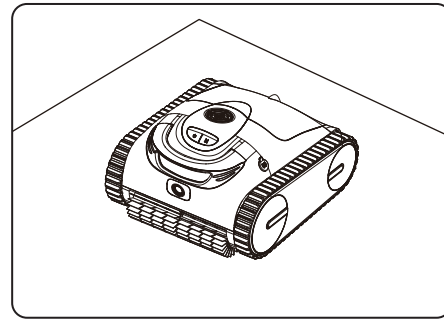
2. Remove the filter basket.



3. Remove the filtering Filter Sponge/HEPA Filter from the cleaner.



4. Clean the filter basket, filtering Filter Sponge/ HEPA Filter. Second-stage filtration requires backwashing.



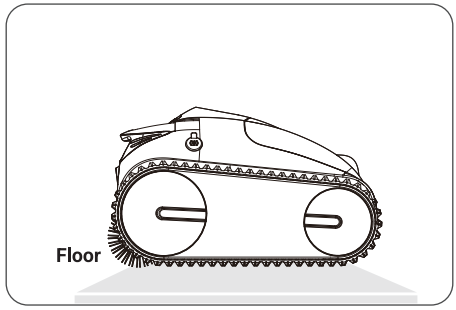
5. After rinsing, place all accessories back into the cleaner and close the lid.

Notes:

1. Ensure the cleaner is powered off before opening the top cover.
2. Clean the filter basket and Filter Sponge after each use.
3. The Filter Sponge or HEPA Filter is an auxiliary filter designed to capture fine particles and is ideal for pool floor cleaning. Avoid using it in heavily soiled pools, as this may impact the cleaner's performance.
4. Do not use a high-pressure water jet to clean the filter basket.

5. Maintenance and Storage

To maintain optimal performance, please follow these steps to store your cleaner:



1. Ensure that the cleaner is powered off.
2. Clean the cleaner, including the top and bottom of the housing, wheels, roller brush, and charging port.
3. Dry the cleaner and accessories with a soft cloth.
4. Store the cleaner in a cool, dry, and well-ventilated place, away from direct sunlight, heat sources, frost, and pressure. The ambient temperature should be between 14°F and 113°F (-10°C and 45°C).
5. Charge the cleaner to 40%-60% battery capacity at least every three months to ensure optimal battery life during the off-season.

6. Error Code Explanations

Error Code	Error Type
E: 01	Communication error
E: 02	Gyroscope error
E: 03	Left motor error
E: 04	Right motor error
E: 05	Water jet motor error
E: 06	Battery error

7. Conventional Warranty

This product has been inspected and certified according to applicable local laws and regulations prior to sale.

1. This product comes with a 24-month limited warranty from the date of purchase, covering the battery, motor, and PCB. Consumable parts such as the filter basket, brushes, and hook are not covered under this warranty.
2. This warranty applies only to manufacturing defects and does not cover damage resulting from improper use, mishandling, negligence, unauthorized repairs or modifications, or external factors beyond the manufacturer's control. Such actions will void the warranty.
3. The warranty is non-transferable and valid only for the original purchaser. It does not apply to products that have been resold, rented, or otherwise transferred to another party.
4. A valid order number or proof of purchase is required for warranty service. The manufacturer reserves the right to determine warranty eligibility and may, at its sole discretion, provide repair, replacement, or other solutions.

8. Customer Service

The Company reserves the right to make continuous improvements to its products. Consequently, the product described in this manual may differ from the actual product, and we reserve the right to update this document at any time without prior notice.

If you encounter any issues during use, please contact our after-sales support team.

For more information, please visit our official website.

9. FAQ & Troubleshooting

(If the suggested solutions do not resolve the problem, please feel free to contact us.)

Q: Why is the cleaner I received wet? Has it been used by someone else?

A: The cleaner you received is brand new. Every cleaner undergoes a comprehensive factory test before shipment, during which a small amount of water may remain inside the cleaner. Please rest assured that your cleaner is new and unused.

Q: Why is the duration of the machine less than the advertised 200 minutes?

A: The advertised 200-minute duration is the maximum duration achievable in ECO mode. Other more powerful cleaning modes will have a shorter battery runtime.

Q: How can I purchase a pole, and what are its dimensions?

A: A retrieval hook, a universal pool accessory, is included in the box. This hook fits standard poles with a connecting end diameter of 1.11 inches (28.2 mm). You can easily find a compatible pole at local stores or online retailers.

Note: If you can not find a solution from the table, please contact the after-sales team.

10. Warnings

10.1 Important Safety Instructions

When installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

a. Read and follow all instructions.

b. (For all units) WARNING - To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

10.2 Attention

a. Prevent unintentional starting. Ensure the switch is in the off-position before connecting the battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing an appliance that has the switch on invites accidents.

b. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

c. Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

d. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns. (This advice is considered correct for conven- tional NiMH, NiCd, lead acid and lithium-ion cell types. If this advice is incorrect for a cell design that differs from these, then the correct advice may be substituted.)

e. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.

f. Do not expose a battery pack or appliance to fire or excessive temperature.

Exposure to fire or temperature above 130 °C may cause explosion. 130 °C is equivalent to 265 °F

g. Follow all charging instructions and do not charge the battery pack or appliance 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.

h. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.

i. Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.

10.3 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 should not be performed by children without supervision.

10.4 This appliance contains batteries that are non-replaceable. When the battery is at the end of its life, the appliance shall be properly disposed of.

10.5 For underwater use only

ENCLOSURE TYPE 3

Warning: To reduce the risk of electronic shock, do not use it outdoors or on wet surfaces when charging.
The cleaner must not be used when people are in the water.
Switch off the cleaner before carrying out user maintenance such as cleaning the filter.
Warning: Only use the charger provided with this appliance.
The instructions for battery-operated appliances shall contain the substance of the following: do not expose the appliance or battery to excessive temperatures. Be aware of the risk of terminals of the battery-operated appliance or battery being short-circuited by metal objects.

10.6 

Suitable for swimming pools with a depth of less than 3 meters.

10.7 FCC Statement: (This statement is intended for use only in the North American market)

Note:

This equipment has been tested and found to comply with the limits according to part 15 of the FCC Rules of a Class B digital device. 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 or persons. 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, the user is encouraged to try to correct the interference by one or more of the following measures:

· Reorientate or relocate the receiving antenna.
· Increase the separation between the equipment and receiver.
· Plug the equipment into an outlet on a circuit different from that to which the receiver is connected.
· Consult the manufacturer or an experienced radio/TV technician for help.

FCC Radiation Exposure statement:
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This compliance to FCC radiation exposure limits for an uncontrolled environment, and minimum of 20 cm(7.87 inch) distance between antenna and body.

Warning:
Changes or modifications of this product are not expressly approved by the party responsible for compliance, and unauthorized modifications could void the user's authority to operate the equipment.

Compliance Declaration:
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.

10. 8 The appliance is only to be used with the power supply unit type FY0632202500E provided with the appliance.

Warning:
For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance.
This appliance contains batteries that are non-replaceable.



This symbol indicates that this product shall not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.









Customer Service

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