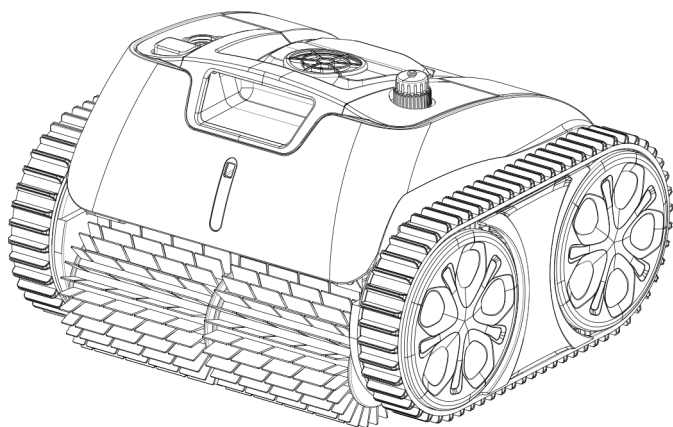


# POOLBLASTER®

## CX-300

### Robotic Pool Cleaner User Manual

SKU: 72000RR



Read through the entire manual before running your new robotic pool cleaner, and keep this manual handy for your reference.

**SAVE THESE INSTRUCTIONS**



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Water Tech Corp.

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Thank you for choosing Water Tech products, your support means a lot to us. It's our desire to provide you the best solution to free you up from pool cleaning and enjoy your family time is always our pursuit.

The Pool Blaster CX-300 is dedicated to serving you high efficiency, low power consumption, easy operation and thorough pool cleaning work.

The robot offers a unique appearance and reliable functions one-button activation, powerful suction and scrubbing, fine filtration, smart navigation, remote control, and high compatibility with various pool shapes and constructions materials assure you a convenient, intelligent, and optimal pool cleaning.

Feel free to contact us by Email or visit our website with any questions. We are very glad to hear your advice on our continuous improvement.

## FCC Compliance

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.

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 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 and correct the interference by one or more of the following measures:

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

NOTE: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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## SAVE THESE INSTRUCTIONS

Read the manual carefully before you use the cleaner. Your safety is the most important thing. Please read through and operate the device as per instructions, Water Tech Corp. is not held liable for any loss or injury caused by improper use.

## Warnings

1. Failure to operate the device as per the warnings can result in serious injury, electrocution or death.
2. The robot cleaner is NOT intended for commercial use. The cleaner is not intended for opening the pool or use in fountains, garden ponds or similar places.
3. Do not charge the robot in direct sunlight
4. Do NOT attempt to open factory sealed battery, motor or control box compartment **RISK OF SHORT CIRCUIT OR FIRE**
5. Keep hair, loose fitting clothing and all body parts away from openings and moving parts of the cleaner.
6. The warnings, cautions and instruction discussed in this instruction manual cannot cover all possible conditions or situations that could occur. It must be understood, the operator should always exercise intensive caution and common sense when utilizing the cleaner.
7. Use only the accessories recommended or sold by Water Tech Corp.
8. Dry the charging port after each cleaning. Humidity in the charging socket may cause a electric shock.
9. Do not charge the cleaner when it is running (the indicator is on).
10. Use only the original and authorized power charger, Avoid charging any other devices with this charger. Improper use may result in overheating or corrosive liquid leakage from the battery.
11. Make sure the electrical outlet is protected by a ground fault circuit interrupter (GFCI) and an earth leakage interrupter (ELI).
12. Do not use a cord-damaged charger to avoid any electrical shock.
13. Do not try to use extension cord to connect the charger.
14. Never allow children to ride on the cleaner or play with it as a toy.
15. Do not allow child to operate or maintain the device.

### **DANGER!**

**TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.** When using electrical products, read, understand and follow all the instructions stated in this manual.

### **WARNING!**

**DROWNING HAZARD.** This device produces suction. Risk of entrapment present. **DO NOT** use when bathers are present. Never permit children to use this product. Never permit persons who cannot swim to use this product to prevent the chance of drowning.

### **DANGER!**

**DO NOT ALLOW WATER OR OTHER HIGHLY CONDUCTIVE FLUIDS TO CONTACT THE CHARGER OR CHARGING JACK PRIOR TO OR WHILE CHARGING THE APPLIANCE.** Pool water is highly corrosive and will cause damage to the charger or charging jack and can cause short-circuit resulting in smoke, fire and/or serious personal injury. Make sure all surfaces of the charger and charging jack are dry and no water is present before charging the appliance.

### **DANGER!**

Do NOT use this cleaner to pick up any toxic substance, flammable, combustible liquids (e.g. gasoline), or use in the presence of explosive or flammable fumes.

16. Do not enter the pool when the cleaner is working in it.
17. Never expose or charge the device in flammable environments.
18. Only licensed professionals can disassemble the sealing parts of the cleaner.
19. Do not operate the cleaner while pool filter is running.

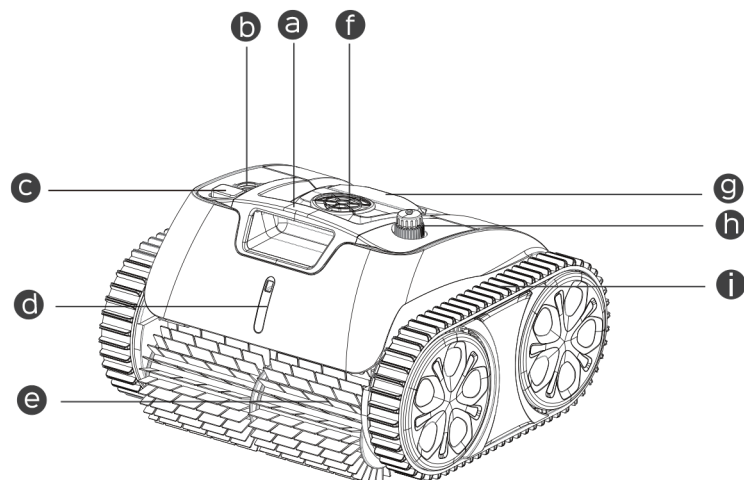
## Cautions

Failure to operate the device as per the cautions can cause a damage to the device or personal injury.

1. Charge the unit before first use.
2. Do not over charge the cleaner, which will reduce the battery life.
3. Charge the cleaner prior to being stored for a long time (over 6 months) to maintain an optimal battery life.
4. Remember to wash and clean the filter basket after each use.
5. Store the cleaner in a cool and ventilated place, away from direct sunshine or any heat source.
6. Use only the pool cleaner in the following water conditions:

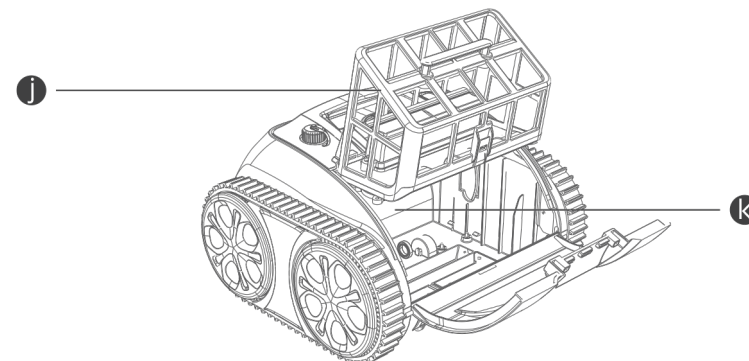
Chlorine	Max 4mg/L
pH	7.0 - 7.8
Temperature	41 - 95 °F (5 - 35 °F)
NaCl	Maximum 5000 PPM

## Product External Overview



- a** Handle  
Remove and transport the device with it.
- b** ON/OFF Button  
Turn on/Turn off the device.
- c** Cleaning Mode Indicator  
The chosen cleaning mode will be shown here.
- d** LED Indicator  
Different light colors to indicate device status.
- e** Scrubbing Brush  
Knock loose all dirt and roll them all into the device.
- f** Pump  
Suck debris and pump out water through the window.
- g** Top Cover Open Handle  
Open the top cover to take out filter basket.
- h** Charging Port  
Connect the charging cable.
- i** Track  
Enhance device's capability in climbing walls and various obstacles.

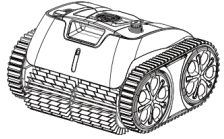
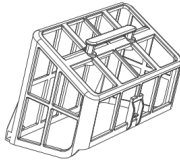

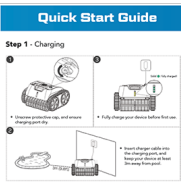
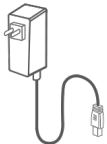
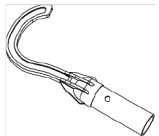
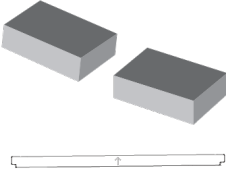
## Product Internal Overview



- j** Filter Basket  
Store collected dirt and debris, need to be washed after each use.
- k** Sealed Part  
Important components are sealed there. For your safety, do not try to disassemble it without authorization.

Do not operate the device when the top cover or scrubbing brushes are broken. If there is any liquid leakage from the sealing part, stop charging or running the device.

## Packing List

 <p>Device x 1</p>	 <p>Filter Basket x 1</p>	 <p>User Manual x 1</p>	 <p>Quick Start Guide x 1</p>
 <p>Charger x 1</p>	 <p>Hook x 1</p>	 <p>Floating Parts</p>	

## GET STARTED

### Charge your new Pool Blaster CX-300

The device has a lithium-ion rechargeable battery. Charge the battery before first use and when the battery is low.

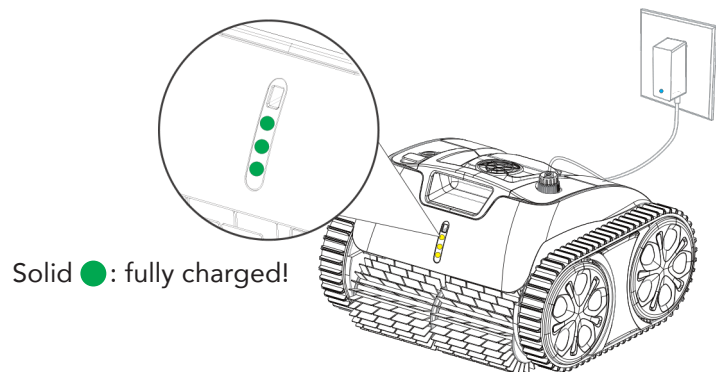
Connect your device to a power outlet using the included cable and adapter.

#### Note:

1. When charging, you should ensure your device is at least 3m (appr. 10ft) away from the edge of the pool.
2. For reducing fire risk, keep your device and adapter away from direct sunshine or water when charging.
3. For your important safety, ensure the device is powered off and the charging port is dry before charging.
4. The best charging environment is temperature at 32°F - 95°F (0°C -35°C ), RH at 5% - 95%

The adapter has an indicator, which will display blue light indicating the power supply status.

The LED indicator in the front of the device will change from a flashing light to a flashing light during charging, and turn a solid light when fully charged.



Below is the indication of the LED lights when running, you may refer to it to know different device status.

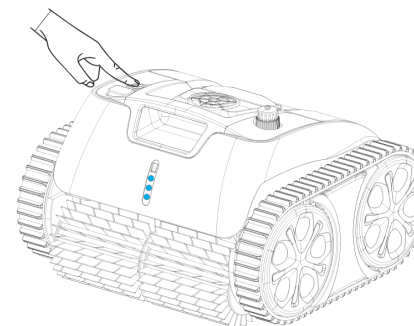
LED Color	Indication	Status
	Solid	Power On
	Flashing	Under working
	Flashing	Charging in progress, low battery or under self-parking in the pool
	Flashing	Charging in progress
	Solid	Fully Charged / battery level
	Solid or Flashing	Fault

#### Note:

1. When yellow light flashing, you should remove your device out of water and charge it.
2. If red LED light is on, you can find solution from trouble shooting in this manual or call for service.

### Set up your new Pool Blaster CX-300

You can turn on the device by pressing and holding the on/off button. The LED indicator on the front will display a solid blue when the device is on.

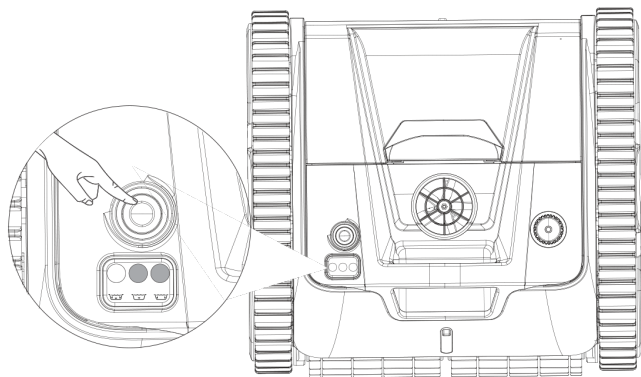


#### Note:



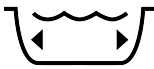
The LED will continue a flashing indicating low battery when powering on the device, and you should charge it immediately.

**Choose your cleaning mode**

After your unit is on, you can cycle through and select your cleaning mode by pressing the on/off button until the LED light is on your desired cleaning mode.



There are 3 cleaning modes on the device, and you can see details below.

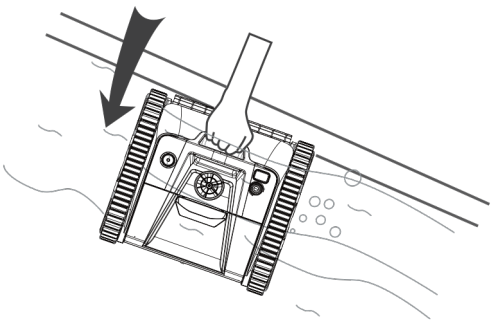
Mode	Type of cleaning
 Full pool cleaning	Wall + Floor + Waterline
 Floor cleaning	Floor only
 Wall cleaning	Wall only

**Note:**

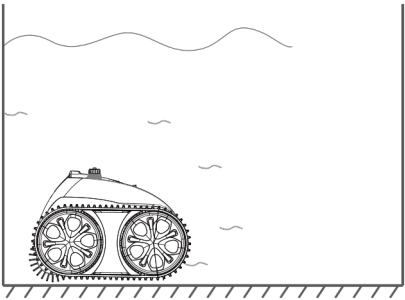
- 1. You can preset your cleaning mode before putting the device into the pool. The default mode is full pool cleaning.
- 2. If the device restarts, it will automatically enter the cleaning mode you set last time.

**Run your new Pool Blaster CX-300**

Hold the handle of the cleaner and submerge it into the pool within 3 minutes of turning it on, otherwise the device will be turned off. Allow air to vacate the cleaner before releasing into the pool.



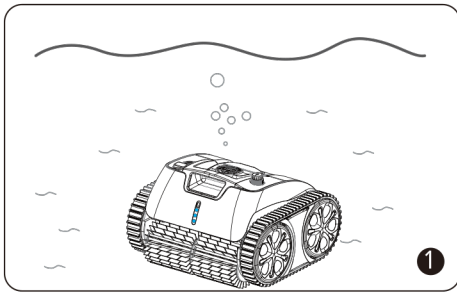
Let it sink down to the floor.



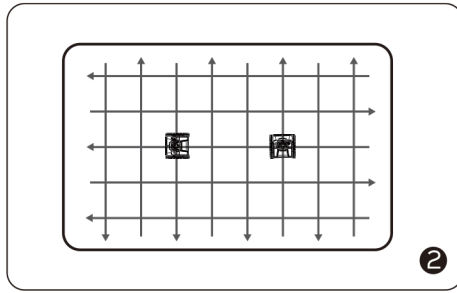
**Note:**

To achieve an optimal cleaning performance, you should ensure the water depth of the pool is at least 19.5 in (50 cm) high from the top of the device.

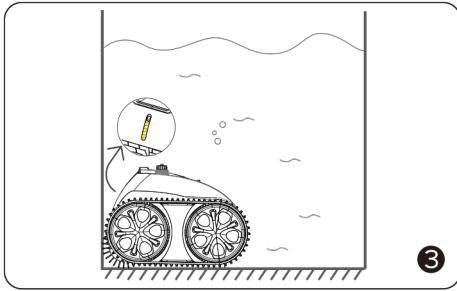




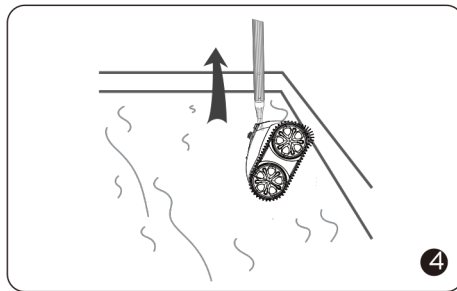
About 20 seconds of auto calibration on the floor, the indicator light will turn flashing blue. The cleaner is ready to clean.



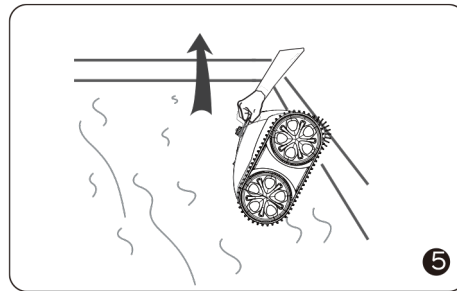
The cleaner begins to clean walls, floor and waterline as default or your set.



The device will automatically move to stop by the edge of wall when finishing cleaning or battery low.



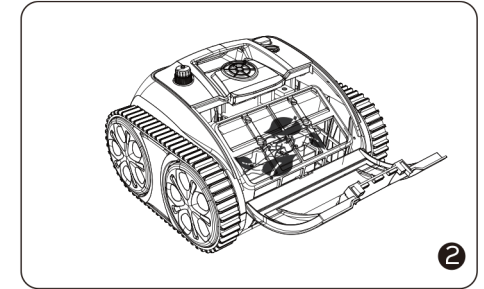
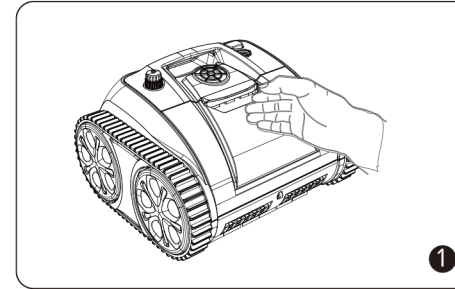
You can insert the included hook into a pool rod and lift the cleaner out of the pool.



You should take the cleaner out vertically to drain inside water out quickly.

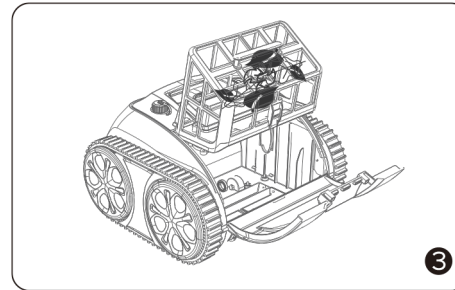
## HOW TO CLEAN YOUR FILTER

Hold the filter cover handle, press and open it.

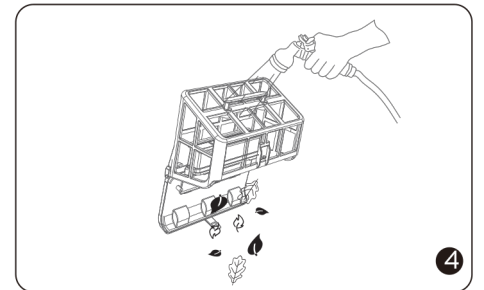


### Note:

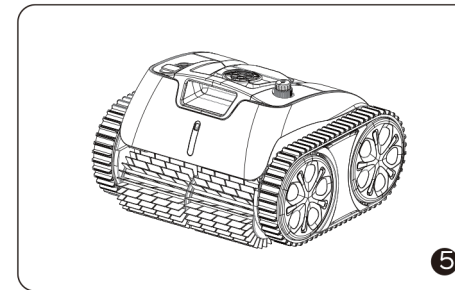
1. You should ensure the device is powered off when open the top cover.
2. You need to clean the filter basket before being dry.



Take out the filter basket.



Empty all debris and rinse it with clean water.



After rinsing, put the filter basket into the cleaner and close the cover.

## DEVICE SPECIFICATION

Name	Pool Blaster CX-300
Pool Size	Max. 150m <sup>2</sup>
Depth	13 ft. (4m)
Device Dimension	372(L) x 360(W) x 240(H) mm
Weight	7.8 kg.
Runtime	120 min. ~ 150 min.
Charge Time	2.5 hours
Power	65W
Charger Input	100-240V, 50-60Hz
Charger Output	25.2V/2.6A
Battery Capacity	4600mAh
Filter	180μm
Flow Rate	11.5 m <sup>3</sup> /H
Moving Speed	11m/min
Water Resistance	IPX8

## LIMITED WARRANTY

1. All Water Tech Corp. pool cleaners in the market have been inspected and licensed to be sold as per local laws.
2. The warranty duration for battery, motor and PCB is two (2) years from the purchasing date. Consumable parts, including filter basket, brush, wheels etc., are beyond warranty.
3. The warranty apply only to original buyers, and not valid to resale and any other kinds of transfer.
4. Any damages to the unit caused by improper use, unauthorized repair or disassembly are not covered by Water Tech Corp.'s warranty.
5. The order number or record must be presented for any claim or repair within the warranty period.

## HOW TO MAINTAIN YOUR DEVICE

You should follow the steps to store your cleaner to maintain good performance.

- a) Ensure the device is powered off.
- b) Dry out the cleaner and filter basket.
- c) Fully charge the battery.
- d) Store the cleaner in a cool and ventilated place, away from direct sunshine, heat source, frost and squeezing with an ambient temperature between 5°C/ 41 °F and 45°C / 113°F.
- e) Charge the cleaner every three months to ensure an optimal battery life.

### Note:

If your device do not work after a long-term low battery life or being off, please contact after-sale team for help. For your safety, do not try to disassemble it without authorization.

## FAQ & TROUBLESHOOTING

Q: What pool shapes and construction materials is the cleaner suitable for?

A: The machine can be applied to rectangle, oval, or irregular shapes of in-ground swimming pools. Applicable construction materials include PVC, gunite and other high friction materials. (Slippery materials such as tiles, mosaics, and acrylic may not work well. Please refer to the table for suggested solutions.)

Q: Will obstacles such as steps, shallow water areas, drains, slopes etc. in the swimming pool affect the running?

A: The machine can climb steps, drains, and shallow water areas.

If you encounter the following situations when using the cleaner. Please refer to the table for suggested solutions.

### Note:

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



No.	Issues	Details	Possible Causes	Suggested Solution
1	Device does not work	A solid red light	Impeller stuck	Check the impeller and clean foreign
		A flashing red light	Motor protection	Restart
		A flashing red light	Not put the device into the water or the pool water is too shallow	Restart and put it into the pool immediately. Be sure the water depth is over 0.5m.
		A flashing yellow light	Battery low	Fully charge the device and restart
2	Unable to charge	Charger light flashes	Poor contact	Re-plug the charger
3	Do not climb walls	Slippery construction materials		Stick floating parts (Contact service team for instruction.)
		Filter Basket too dirty		Clean the filter basket
4	Abnormal wall climbing	Climbing slowly	Filter basket blocked	Clean the filter basket
		Sinking down away from wall or floating on the water	Intake air	Stick floating parts (Contact service team for instruction.)
			Filter basket blocked	Clean the filter basket
6	Front side up when on the floor		Filter basket blocked	Clean the filter basket
7	Do not clean as set cleaning path		Encounter obstacles	Clean the filter basket

## CERTIFICATION

Water Tech Corp.'s robotic pool cleaners have passed all performance and reliability tests and also has obtained relevant certifications from the countries in which they are sold. you can rest assured.



## CUSTOMER CARE

Due to the need for continuous products improvement, the products in the manual are subject to the real products, and Water Tech Corp reserves the right to update products.

If you encounter any problems during use, please contact after-sale team. For more details, please contact Water Tech Corp.'s website [www.watertechcorp.com](http://www.watertechcorp.com)

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