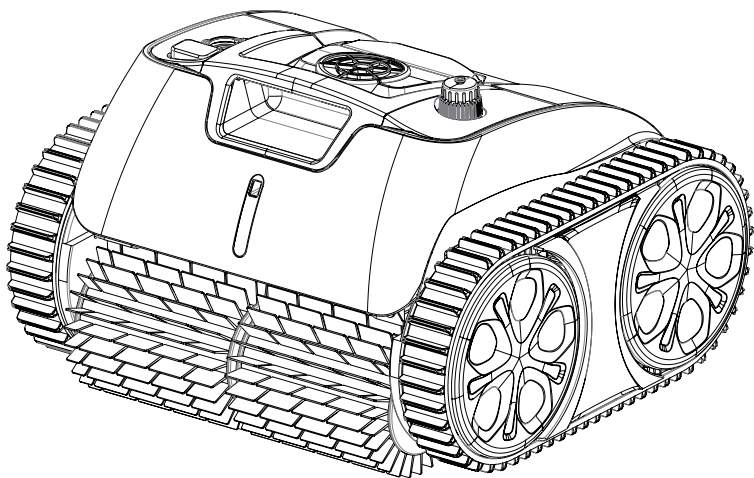


AQUACLEAN

ROBOTIC POOL CLEANER

Cordless Robotic Pool Cleaner User Manual

AC1500 PRO



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

Thank you for choosing AquaClean®

We're thrilled to welcome you to the **AquaClean** family. Your new robotic pool cleaner is designed to save you time and effort, delivering unmatched performance to ensure your pool is always clean and inviting. With cutting-edge features, elegant design, and user-friendly operation, the **AquaClean** AC1500 Pro offers an intelligent and efficient cleaning experience.

Please read this manual thoroughly before using your cleaner and keep it handy for future reference. If you have any questions or need assistance, feel free to contact us via email or visit our website.

AquaCal AutoPilot, Inc. Customer Service:

Email: customersupport@aquacal.com

Web: www.aquacal.com/aquaclean

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IMPORTANT PRECAUTIONS READ AND FOLLOW ALL DIRECTIONS

- Follow all state, local, and National Electrical Code(s) (provincial and Canadian Electrical Code(s) if applicable) unless local guidelines supersede.
- For personal safety, and to avoid damage to equipment, follow all safety instructions displayed on the equipment and within this manual.
- Repair and service of your AquaClean® cleaner must be performed by qualified service personnel only. Failure to properly operate, maintain or repair the AquaClean® cleaner will void the factory warranty.



WARNING - Failure to heed the following may result in permanent injury or death.

- **RISK OF ELECTRICAL SHOCK** - The unit must be connected only to a supply circuit that is protected by a ground-fault circuit-interrupter (GFCI). The GFCI must be tested on a routine basis. To test, push the GFCI test button. Power should be interrupted. Push the reset button. Power should be restored. If the GFCI fails to operate in this manner, it is defective.
- **RISK OF ELECTRICAL SHOCK** - If the ground-fault circuit-interrupter (GFCI) interrupts power to the equipment without the test button being pushed, a ground current is flowing with a possibility of an electrical shock. Do not use equipment. Disconnect the equipment and have the problem corrected by a qualified service representative before using.
- **RISK OF ELECTRICAL SHOCK** - To reduce the risk of electrical shock, do not use the charger if the cord is damaged.
- **PERSONAL SAFETY HAZARD** – To reduce the risk of injury, do not permit children to operate this device. Never allow children to ride on the cleaner or play with it as a toy.
- **RISK OF CHILD DROWNING OR INJURY** - Children must be closely supervised at all times around pool or spa equipment.
- **PERSONAL SAFETY HAZARD** – Do not operate the cleaner when there are people in the pool.
- **PERSONAL SAFETY HAZARD** – Do not charge the cleaner if the environment is above 95° F (35° C) or below 41° F (5° C)

 **CAUTION** - Failure to heed the following may result in equipment damage.

- Use the accessories recommended or sold by the manufacturer only.
- Dry the charging port after removing the cleaner from out of the water. Ensure the cleaner is switched off (the indicator should be off) before charging.
- Use the original and authorized power charger only. Do not charge any other devices with this charger.
- Do not charge the cleaner if the environment is above 95°F (35°C) or below 41°F (5°C)
- Do not overcharge the cleaner as it will reduce the life of the battery.
- Do not power on the cleaner when it is out of the water.
- Always clean and wash the filter basket after each use.
- Do not use a pool cleaner on newly plastered pools, as wheels can leave track marks if the surface is not adequately cured. Consult your pool professional for instructions on when to use this cleaner on newly plastered surfaces.
- Only qualified service professionals should disassemble the sealed drive kit of the cleaner. Warranties will be voided if the cleaner has been improperly installed. Failure to properly operate, maintain or repair the AquaClean® cleaner will void the factory warranty.

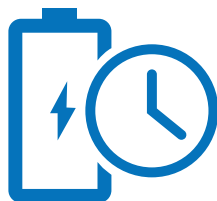
Only use the pool cleaner under the specified water conditions:

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

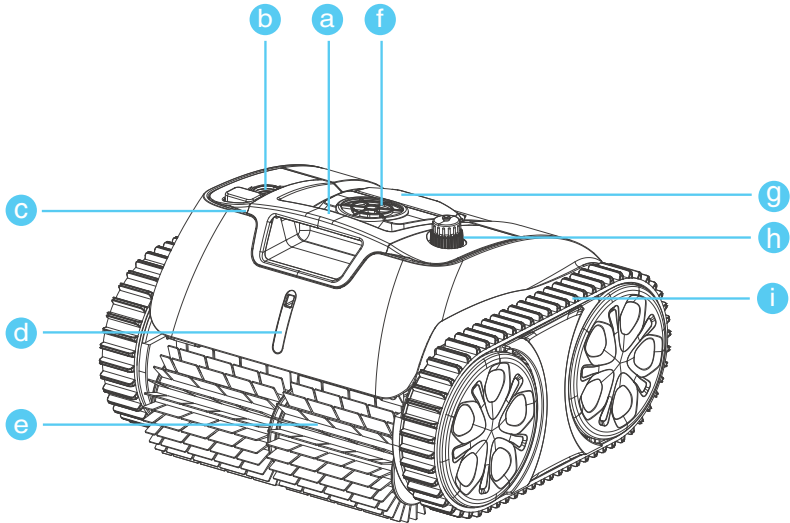
SAVE THESE INSTRUCTIONS

Do not over-charge the cleaner. This will reduce the battery life.

If the cleaner will be stored for more than (6) months, it should be fully charged prior to storage.



Product External Overview



a

HANDLE

Use the handle to safely lift and transport the device.

d

LED INDICATOR

Displays device status with different colors.

g

TOP COVER HANDLE

For opening the top cover and accessing the filter.

b

ON/OFF BUTTON

Powers the device on and off with a single press.

e

SCRUBBING BRUSH

Loosens and collects dirt into the device.

h

CHARGING PORT

Connects the charging cable (ensure it's dry before use).

c

CLEANING MODE INDICATOR

Displays the currently selected cleaning mode for easy reference.

f

PUMP

Removes debris and circulates water.

i

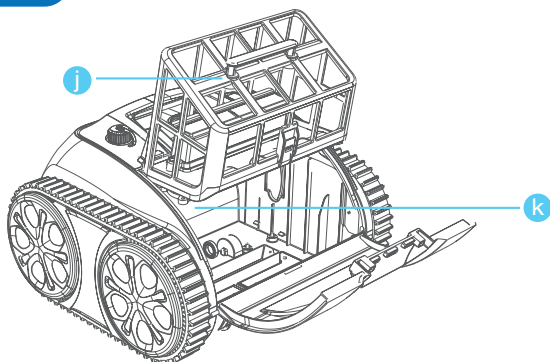
DURAGRIP TRACKS

Enhances climbing and obstacle navigation.

Product Internal Overview

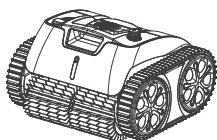
j FILTER BASKET
Collects debris; clean after each use.

k SEALED PARTS
Contains critical components; do not disassemble.

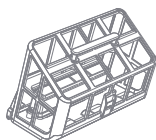


Do not operate the device when the top cover or scrubbing brushes are broken. If there is any liquid leakage from the sealed parts, stop charging or running the device.

Packing List



DEVICE x1



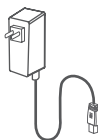
FILTER BASKET x1



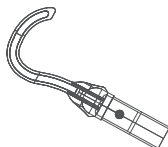
USER MANUAL x1



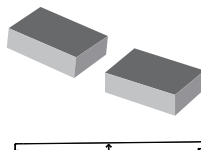
QUICK START GUIDE x1



CHARGER x1



HOOK x1



FLOATING PARTS x1

Charging Your Cleaner

The cleaner is powered by a rechargeable lithium-ion battery. Charge it before first use and whenever the battery is low.

STEPS:

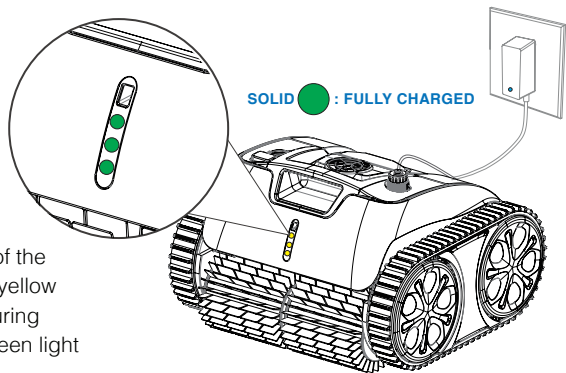
1. Connect the cleaner to a power outlet using the provided cable and adapter.
2. Ensure the device is at least 3m (10ft) from the pool edge while charging.
3. Keep the device and adapter away from direct sunlight or water during charging.
4. Verify the device is powered off and the charging port is dry before charging.
5. Do not charge the cleaner if the environment is above 95°F (35°C) or below 41°F (5°C)

ADAPTER INDICATOR

Blue light shows power supply status.

CLEANER LED

Flashes during charging and turns solid when fully charged.

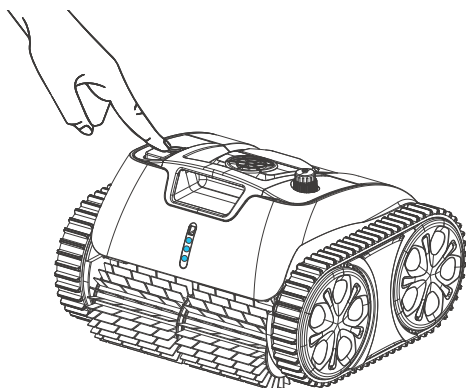


The LED indicator on the front of the device will turn from a flashing yellow light to a flashing green light during charging, and turn to a solid green light when fully charged.

LED Light	Indication	Status
	Solid	Power on
	Flashing	Operating
	Flashing	Charging in progress, low battery or under self-parking in the pool
	Flashing	Charging in progress
	Solid	Fully charged
	Solid or Flashing	Fault

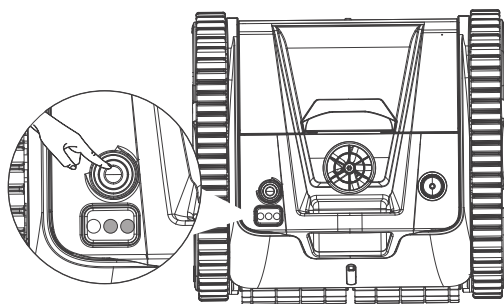
Setting up Your Cleaner

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



NOTE:

1. If the yellow LED is flashing when powering on, the battery is low and your device should be removed from the water and charged immediately.
2. If the red LED light is on, check for solutions in the Troubleshooting Chart on Page 11 of this manual.



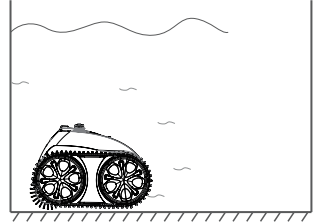
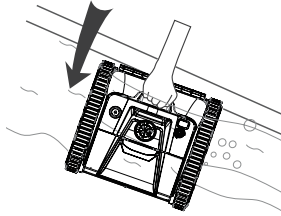
There are 3 cleaning modes on the device, and you can see details below.

Mode	Cleaning Range
Full pool cleaning	Wall+ Floor+Waterline/Wall then floor
Floor cleaning	Floor only/Turbo floor/ECO floor
Wall cleaning	Wall only

Operating the Cleaner

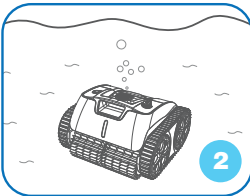
1

Submerge the cleaner into the pool within 3 minutes of turning it on. Wait for bubbles to stop before releasing it.



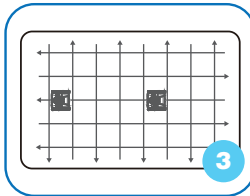
2

The cleaner undergoes a 20-second auto-calibration on the pool floor. Once completed, the indicator light will flash blue, signaling it's ready to clean.



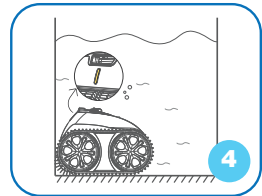
3

By default, the cleaner efficiently tackles walls, floors, and the waterline.



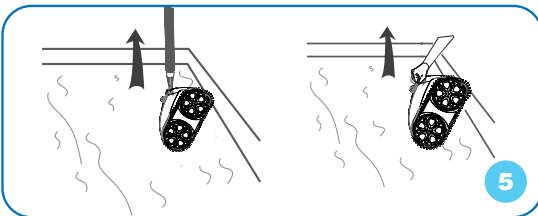
4

When cleaning is complete or the battery is low, the device automatically moves to the pool's edge and stops for easy retrieval.



5

Use the included hook attached to a pool rod to lift the cleaner out of the pool safely and effortlessly. Always remove the cleaner vertically to allow water to drain quickly and efficiently from the device.

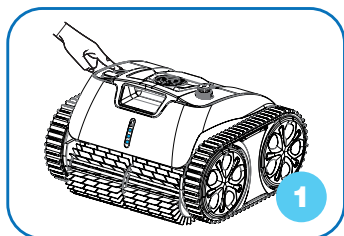


NOTE:

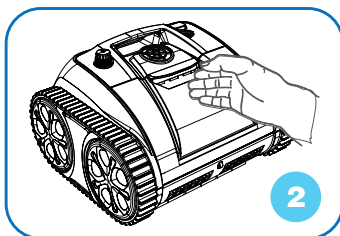
If you have preset a cleaning cycle other than the default one, ensure the cleaner remains in the pool to complete the entire cycle.

Maintenance

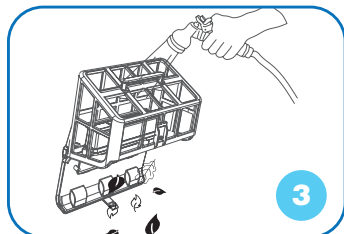
Cleaning the Filter Basket



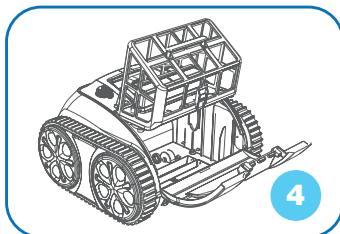
Power off the device.



Open the top cover using the handle.



Remove and rinse the filter basket with clean water.



Replace the basket and close the cover securely.

Storage Tips

1. Ensure the device and filter basket are clean and dry.
2. Fully charge the battery before storing.
3. Store in a cool, dry place with temperatures between 41°F (5°C) – 113°F (45°C).
4. Recharge the cleaner every three months to maintain battery health.

DEVICE SPECIFICATIONS

Model	AquaClean® AC1500 Pro
Rated Working Voltage	10.8V
Power	65W
Run Time	120 min. ~ 150 min.
Charger Input	100-240V, 50-60Hz
Charger Output	25.2V/2.6A
Battery Capacity	4,600mAh
Charging Time	2.5 hours
Pool Size	Max. 1,600 ft ² (150 m ²)
Flow Rate	approx. 3,038 gal/h (11.5 m ³ /H)
Filter	180 µm
Moving Speed	approx. 36 ft/min (11m/min)
Water Resistance	IPX8
Charging Environment Temperature	41°F - 95°F (5°C - 35°C)
Max Water Depth	13 ft (4 m)
Product Size	372(L)*360(W)*240(H) mm 14.65(L)*14.17(W)*9.45(H) in
Weight	17.19 lbs (7.8 kg)

FAQs

Q: What types of pools is the cleaner compatible with?

A: The cleaner is suitable for rectangular, oval, and irregular in-ground pools with materials such as PVC and gunite.

Q: Can it handle steps and slopes?

A: Yes, the cleaner is designed to navigate steps, slopes, and drains effectively.

WARRANTY

- **Coverage:** The motor, battery, and PCB are covered for 1 year. Consumables such as brushes and filter basket are not included.
- **Conditions:** Warranty is valid only for original purchases and does not cover damage caused by misuse or unauthorized repairs.

TROUBLESHOOTING CHART

No.	Issue	Details	Possible Causes	Suggested Solution
1	Device does not work	A solid red light	Impeller is stuck	Check the impeller and remove any foreign objects
		A flashing red light	Motor protection	Restart
		A flashing red light	The device is out of the water or the pool water is too shallow	Restart and place it into the pool immediately. Be sure the water depth is over 1.64 feet or .5 meters
		A fading yellow light	Battery low	Fully charge the device and restart
2	Unable to charge	Charger light flashes	Poor contact	Re-plug the charger
3	Doesn't climb walls	N/A	Slippery construction materials	Stick adhesive blocks
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 balance weight
			Filter basket blocked	Clean the filter basket
5	Front side up while cleaning floor	N/A	Filter basket blocked	Clean the filter basket
6	Stuck at water drains	N/A	Drain height is over 1.18 in / 3cm	Help the AquaClean away from the obstacle

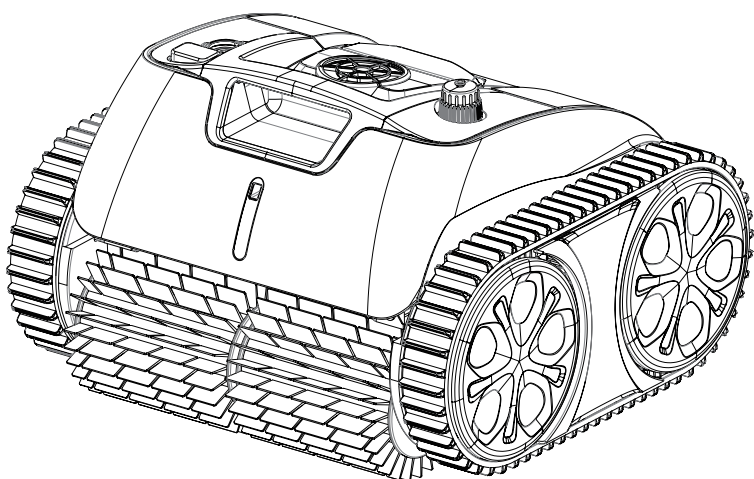
**For further assistance, contact
our support team at:**

customersupport@aquacal.com

www.aquacal.com/aquaclean

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