HY·CLOR

i6

CORDLESS ROBOTIC POOL CLEANER
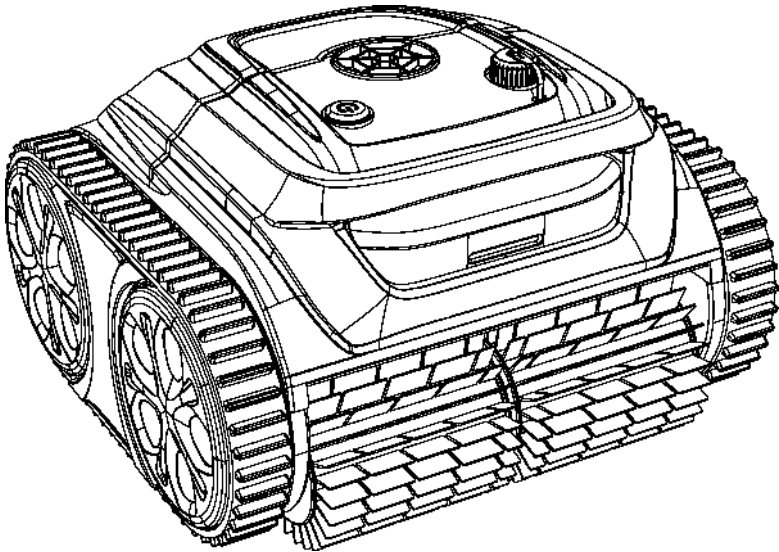
INSTALLATION & OPERATION MANUAL

Suits:

HYCROBOTi6

Feb 202
Version 1.3

Thank you for choosing the Hy-Clor i6 cordless robot cleaner. At Hy-Clor we are dedicated to making pool care easier and more affordable.

The i6 cleaner has been designed to be easy to use, reliable and extreamly effective. Features such as smart navigation, wall, floor and waterline cleaning, fine filtration, quick charging and app connectivity make this one of the most advanced cleaners on the market.

Should you need any information or guidence on this product, feel free to contact Hy-Clor at help@hyclor.com.au or 1800 625 123

Contents

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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, HY-CLOR is not held liable for any loss or injury caused by improper use.

Warning

Failure to operate the device as per the warnings can result in serious injury, electrocution or death.

1. Use only the accessories recommended or sold by HY-CLOR

2. **After using the cleaner, be sure to dry the charging port thoroughly. Do not attempt to charge the cleaner if the port is wet, as moisture inside the charging socket may lead to electric shock.**

   2a. Corrosion to the charging pins because of the above is not covered under warranty.

3. **Do not charge the cleaner when it is running (the indicator is on).**

4. Use only the original and authorised power charger. Avoid charging any other devices with this charger. Improper use may result in overheating or corrosive liquid leakage from the battery.

5. Make sure the electrical outlet is protected by a ground fault circuit interrupter (GFCI) and an earth leakage interrupter (ELI).

6. Do not use a cord-damaged charger to avoid any electrical shock.

7. Do not use the charger with an extension cord.

8. Never allow children to ride on the cleaner or play with it as a toy.

9. Do not allow children to operate this device.

10. Do not enter the pool when the cleaner is working.

11. Never expose or charge the device in flammable environments.

12. Only licensed professionals can disassemble the sealed parts (motor and battery) of the cleaner.

13. Do not operate the cleaner while pool filter is running.

Caution

Failure to operate the device as per the warnings can cause damage to the device
or personal damage.

1. Charge the unit before first use.

2. Do not over-charge the battery. Over-charging will reduce 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. Unbalanced water conditions will damage your cleaner. Maintain water balance at these levels:

Chlorine	4ppm
pH	7.0 - 7.8
Temperature	5 - 35 °C
NaCl (Salinity)	Maximum 5000 PPM

7. This cleaner is not designed to clean algae from the pool. It is recommended to chemically treat the pool and manually clean the algae before using the i6 cleaner. Return to normal chemistry before using the i6.
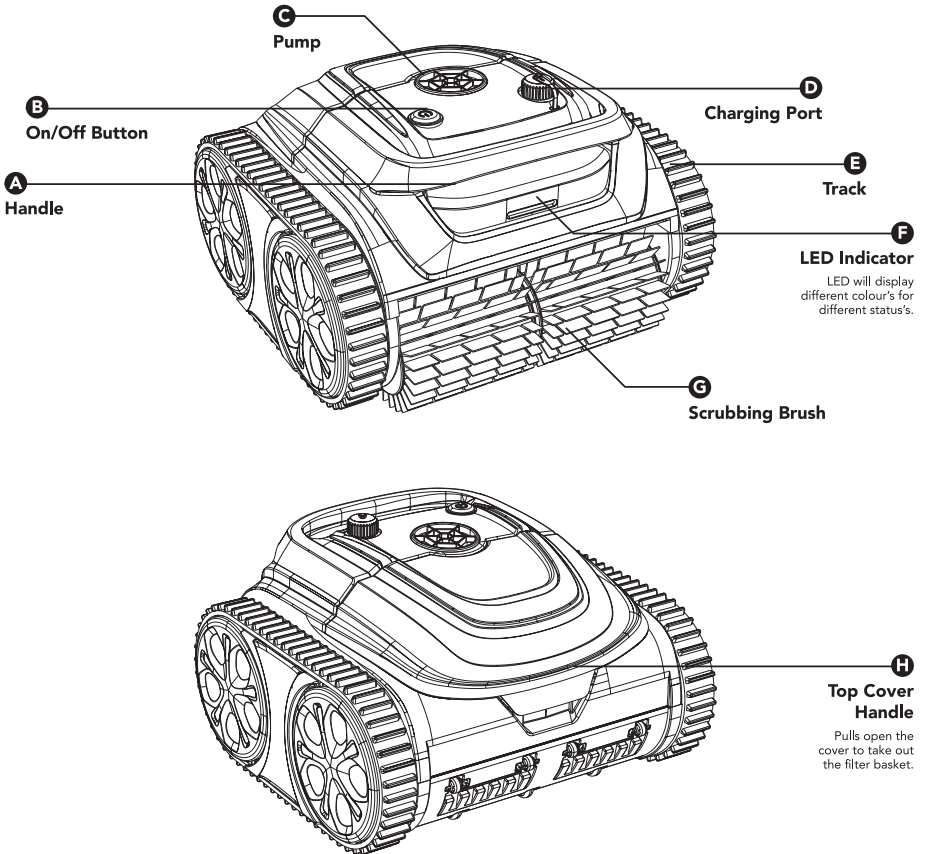
PRODUCT HELPLINE

Hy-Clor i6 at a glance

Product External Overview

C Pump

B On/Off Button

A Handle

D Charging Port

E Track

F LED Indicator
LED will display different colour's for different status's.

G Scrubbing Brush

H Top Cover Handle
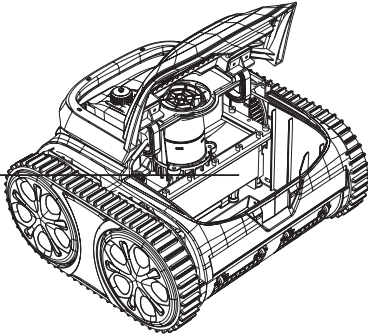Pulls open the cover to take out the filter basket.

HY·CLOR

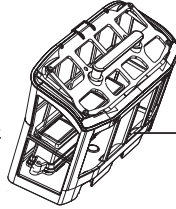## Product Internal Overview

Sealed Part

Caution: The internal battery and motor are sealed. Do not attempt to open sealed parts. Only authorised persons may open the device for safety reasons.

Filter Basket

Internal Filter Basket (180 micron): This basket stores collected debris and should be cleaned after each use to prolong the longevity of the cleaner.

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

Carton contents

| Item	Description	Qty
1	Device	1
2	Filter Basket	1
3	Adhesive Floating Blocks	5
4	Charger	1
5	Hook	1
6	User Manual	1
7	Quick Guide	1
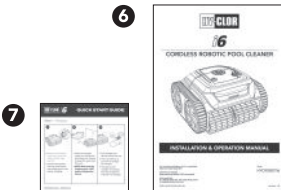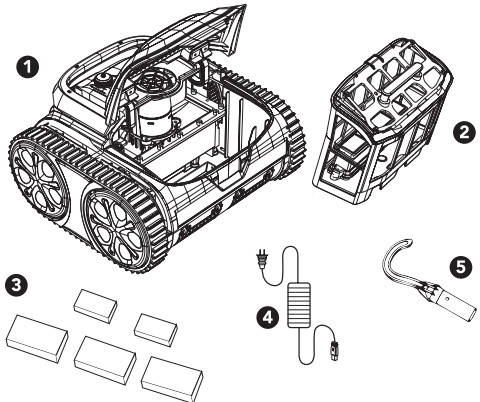
PRODUCT HELPLINE

Get Started

Charge your new HY-CLOR i6

Important: The device is equipped with a lithium-ion rechargeable battery. Ensure you charge the battery before the first use and whenever it is low on power.

To charge your device, connect it to a power outlet using the included cable and adapter.

Charger Indicator
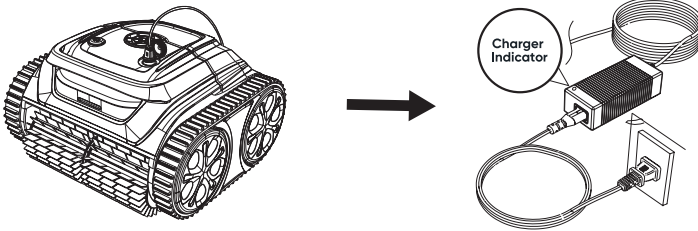
- For your important safety, you need to double check the device is powered off and charging port is dry before charging. Water in the port can lead to corrosion in the charging port. This is not covered under warranty.

- For reducing fire risk, keep your device and adaptor away from direct sunshine or water when charging.

⚠️ **Note:**
1. When charging, you should ensure your device is at least 3m away from the edge of the pool.
2. The best charging environment is a temperature between 0°C-35°C, RH at 5%-95%.

The charging adapter has an indicator light. The green light indicates that the battery is full. The red light indicates that charging is in progress.

Color	Indication
Red	Charging in Progress
Green	Battery is full

The Hy-CLOR i6 will take approx 2.5 hours to charge from empty.

Setup your new HY-CLOR i6

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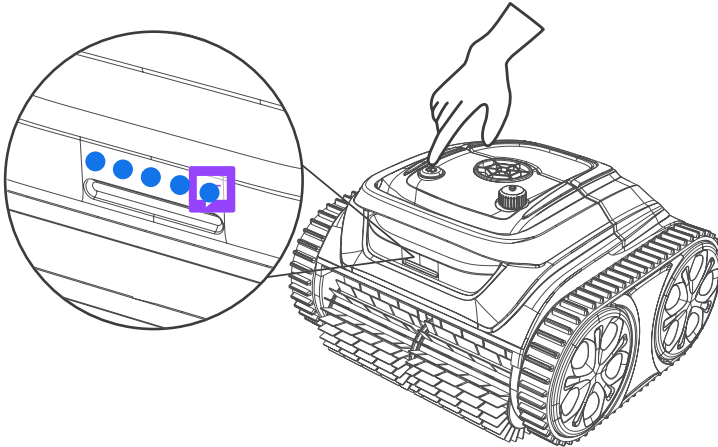
Below is the indication of the LED lights.

Color	Indication	Status
Blue	Solid	Power on
	Flashing	Working mode
Purple	Solid	Connecting to App
Yellow/Green	Flashing	Low battery or self-parking in the pool
	Breathing (bright to dim)	Self-parking complete
Red	Solid or flashing	Fault

Note: Green lights are acutally yellow

> **Note:**
> 1. When the yellow light is breathing/flashing, you should remove the i6 from the water and charge it.
> 2. If the red LED light is on, you can refer to the troubleshooting section or contact Hy-Clor for assistance.

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Connect to your App

You can download the HY-CLOR Robot Cleaners App to your smart mobile device by scanning QR code below, or from Google Play or App Store.

iOS	Android
iOS 10.3 or later	Android 4.3 or later

Download on the **App Store**   GET IT ON **Google Play**

Choose your cleaning mode

After connecting to your App, you can choose a cleaning mode for your device. There are up to 6 Cleaning modes, refer to the below table.

Mode	Cleaning Range
Standard Full-Pool	Wall+ Floor+Waterline
Floor only	Floor
Wall only	Wall
Waterline	Waterline
Wall then floor (Combo)	Wall *1+ Floor *1
Turbo Floor	Floor Only: Powerful Cleaning.

Cycle Mode: Floor only: can work for up to 7 days on a single charge. See app for more details.

> ⚠️ **Note:**
> **Customisable Cleaning Modes: You can modify your cleaning modes via the app. The default mode is wall, then floor.**
> **Automatic Restart: If the device restarts, it will automatically enter the cleaning mode that was last set.**
> **Adjustable Cleaning Patterns: You can adjust cleaning patterns in the Expert tab of the app, allowing you to customise the cleaning pattern of both the floor and walls according to your preferences.**

As the app is updated some features might be removed or added. Please ensure the app is updated and robot firmware is updated before use.

PRODUCT HELPLINE

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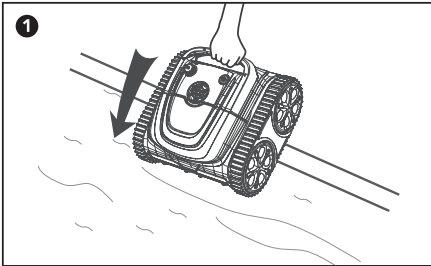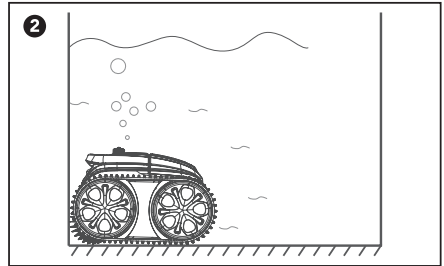## How to start your Hy-Clor i6

> ⚠️ **Note:**
> **If using the app make sure you preset the desired cleaning mode before putting the i6 into the pool.**

Turn on the device, hold the handle of the cleaner, and put it into the pool vertically.

Let it sink down to the floor to empty trapped air inside.

> ⚠️ **Note:**
> **To achieve an optimal cleaning performance, you should ensure the water depth of the pool is at least 50 cm high from the top of the device.**
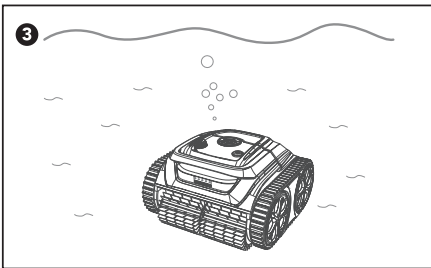
The i6 will self-calibrate for approximately 30 seconds after entering the pool. During this time, the LED indicator will change to blue and start to flash slowly. After calibration, the i6 will begin cleaning the pool.
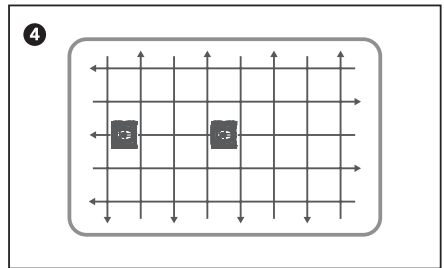
The i6 will start to clean the pool according to the set mode. By default the i6 will will clean walls, waterline and floor.

Note: Each machine is tested before sale, the unit might have a memory from its last saved setting while in testing.

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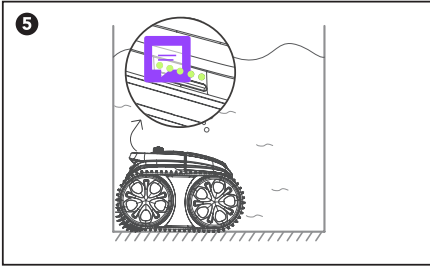
When the i6 has finished its cycle or has low battery, it will attempt to self-park, It will move to the closest wall and flash yellow/green, indicating that it has completed its cycle or has low battery.
Note: The light can appear green underwater.

Note: if you have set the cleaner for a daily cycle via the app, do not remove the cleaner until the complete cycle has finished.
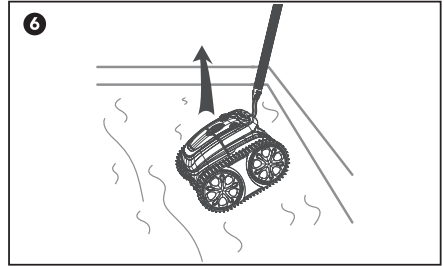
Hook the cleaner out via the handle to water level.
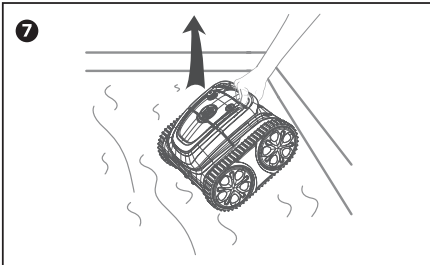
Then, use your hands to slowly pull the cleaner out of the pool via the handle, allowing the water inside to escape.

How to clean the internal filter basket.

Pull the handle cover upwards away from the cleaner and lift it up to access the internal filter basket.
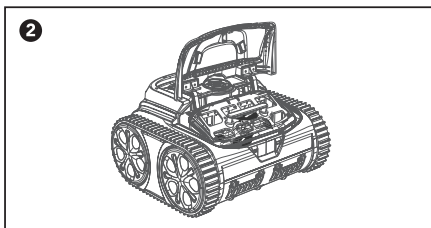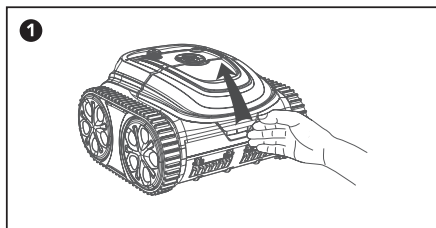
Note: Ensure Device is Off: Make sure the device is switched off while the cover is open to prevent any accidents. Clean Filter Basket: The filter basket should be cleaned before the i6 is completely dry. This will help prolong the longevity of the basket and maintain optimal cleaning performance.
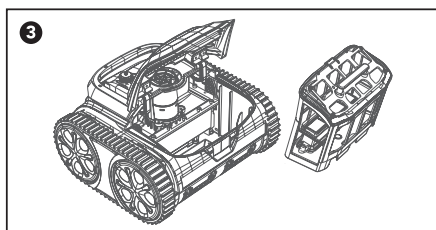
Take out the filter basket.
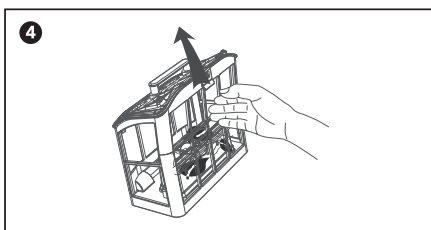
Unbuckle the cover of the basket.
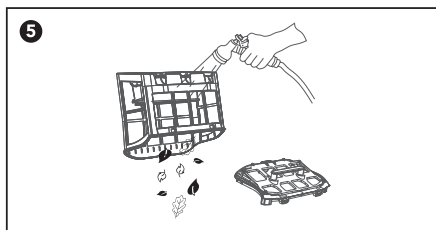
Empty all debris from the basket and rinse both the basket and i6 Robot with water. This practice will help keep the cleaner fresh and prevent colour fading over time due to exposure to harsh pool chemicals.
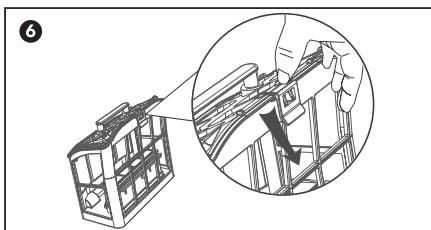
After rinsing, close the basket cover and put the filter basket back into the cleaner.

Note: There are electric components inside the cleaner, store the cleaner in a cool and ventilated place, away from direct sunshine or any heat source. Before long-term storage (over 3 months), charge the cleaner each month to help maintain the battery's longevity.

PRODUCT HELPLINE

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Device Specification

Model	Hy-Clor i6 Model - HYCROBOTi6
Pool Size	Up to 121 square meters (130,000 LT)
Depth (max)	3 meters
Device Dimension	45.72cm(L) x 43.18cm(W) x 29.21cm(H)
Weight	8Kg
Runtime	Up to 180 min (3 hours) per charge
Charging Time	150min (2.5 hours)
Voltage	Battery/25.2V
Power	Up to 90W
Charger Input	100-240V, 47-63Hz
Charger Output	29.4V/3A
Battery Capacity	6400mAh
Filter Density	180μm (mesh)
Flow Rate	12m^3/H(200 LPM)
Moving Speed	up to 10m/min
Water Resistance	IPX8
Over the Air Updates	Needs app + Internet access.
App Connection	Available

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FAQ & TROUBLESHOOTING

Follow the steps below to store your i6 cleaner and to maintain good performance.
- a) Ensure the device is powered off.
- b) Clean the filter basket when the cleaner has been removed from the pool and dry the cleaner out.
- c) Fully charge the battery.
- d) Store the cleaner in a cool ventilated place, away from direct sunlight, heat source and frost. Store within an ambient temperature between 5C and 45C
- e) Charge the cleaner at least every 1-3 months to ensure a optimal battery life while in storage.

> ⚠️ **Note:**
> If your device does not work after long term storage/ low battery. Please contact Hy-Clor for help. For safety do not open the sealed motor/ battery without authorisation first. Check charger condition.

Q: What pool shapes and surfaces is the i6 suited for?
A: The i6 will work in all pool shapes, with the integration of the App the user can set desired cleaning pattens. The i6 is suitable for PVC, Pebblecrete, Marblesheen, Concrete, Vinyl liner and Quartzon pools. The i6 will not work in pools that feature a beach or sloped ledge and infinity edges. The cleaner may struggle with pools with a cambered surface. The cleaner is only designed and suitable for In-Ground Pools of the above types.

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. The above obstacles may influence its cleaning path, but will not affect the operation of the machine.

Q: Is the HYCLOR app able to control the cleaner underwater?
A: The wifi/blue tooth signal cannot be transferred while under water. The i6 needs to be pre-set before the cleaner has entered the water.

If you encounter the following situations during use of the i6 you can check the table on the next page for troubleshooting solutions.

PRODUCT HELPLINE

Installation of Floating Blocks (optional)

Floating Blocks
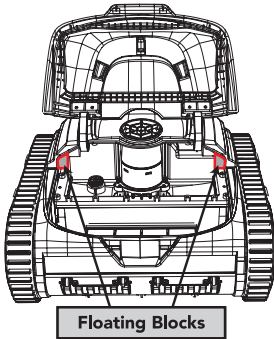
Due to the variety of pool surfaces and shapes, we supply additional foam blocks to provide extra buoyancy if needed.

If your i6 cleaner is having difficulty climbing the wall, refer to the below images for the correct installation of additional floating blocks (type 'a').

Note. Very few pools will require the additional foam blocks. If your cleaner is working well, please do not install the additional foam blocks.

The square "Type A" blocks are designed to be placed on the inside of the cleaner, on either side of the cleaner. Open the top cover, remove the debris basket, thoroughly dry the areas where the blocks will be adhered, peel the paper from the adhesive side of the block and insert the block with the sticky side against the wall of the cleaner. See Figure A and Figure B.

Wait 24 hours before placing the cleaner in the pool water.
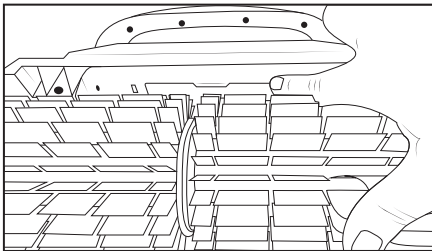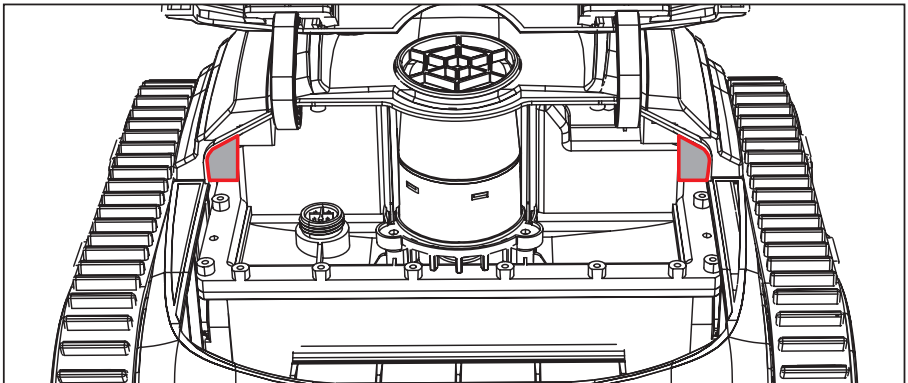
Type 'C' blocks (long rectangular shape) are used only if you have installed the Type A blocks and the cleaner is still not climbing the walls.

The Type C block is installed under the LED indicator at the front of the machine.

Type B - These are smaller versions and can be used in both 'C' and 'A' positions as they have smaller floating capacity.

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No	Issues	Details	Possible Causes	Suggested Solution
1	Cleaner does not work.	A solid red light	Impeller is stuck	Check the impeller and clean foreign object
		A flashing red	Motor protection	Wait 5 minutes then Restart the device.
		A flashing red light	Device has been left out of 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 breathing yellow light	Battery low (this can also look green)	Fully charge the device and restart
2	Unable to charge	Charger light flashes	Poor contact	Check charging pins or cable condition.
3	Will not climb walls		Slippery construction materials	Stick adhesive blocks inside. See floating blocs instruction or call Hy-clor for assistance.
			Algae in water	The cleaner is designed to keep a clean pool clean. Treat the pool chemically and adjust to correct levels before putting the cleaner in. The cleaner will not pick up algae, this will need to be cleaned manually.
			Wrong cleaning mode set in the App	Set wall cleaning mode
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 adhesive blocks (Contact Hy-Clor)
			Filter basket blocked	Clean the filter basket
		Front of the cleaner is moving out of the waterline.	High friction against the wall.	Add more balance weight See foam blocks section or consult Hy-Clor for help.
5	Only cleans part of the pool, will not clean the entire pool.		Wrong cleaning mode	Connect to the App and re-choose a suitable cleaning mode
			Firmware not latest	Connect to the App and update the firmware. Try different modes in expert tab of the App.
6	Front side of the cleaner is lifting when on the floor (doing a wheelie)		Filter basket blocked	Clean the filter basket
7	Do not clean as set cleaning path		Encounter Obstacles	Clean the filter basket
8	Stuck at water drains		Drain height is over 3cm	Try different cleaning path. Check if any obstacles are in pool. Wait for a cleaning cycle to finish. Wait and see if the cleaner frees it-self after 5-10 min.
9	Unable to connect to the App		Device power off	Restart
10	The APP cannot be connected when the device is in the pool		Not available	The cleaner needs to be preset before entering the water.
11	The i6 is doing wheelies in the pool		Debris blockage or float blocks installed when not required.	Thoroughly clean out basket making sure no debris are stuck in the mesh fins. Make sure the cleaner's impeller is not blocked up. Contact hyclor for more tips.
12	The cleaner won't turn on		The cleaner isn't charged	The charging pins might be damaged - Contact Hy-Clor
			The power switch is stuck	If the device won't turn on, check for debris blocking the magnetic switch. Open the cleaner, remove the debris basket, and locate the lever under the blue switch on the right (from the back). Press the button a few times and move the lever left and right. If it still doesn't work or the lever is damaged, contact Hyclor for support.

How to Maintain Your Device

Follow the steps below to store your i6 cleaner and to maintain good performance.
a) Ensure the device is powered off.
b) Clean the filter basket when the cleaner has been removed from the pool and dry the cleaner out.
c) Fully charge the battery.
d) Store the cleaner in a cool ventilated place, away from direct sunlight, heat source and frost. Store within an ambient temperature between 5C and 45C
e) Charge the cleaner at least every 1-3 months to ensure a optimal battery life while in storage.
f) The Cleaner is DIY-friendly. Contact Hy-clor for robot tear-down instructions.

⚠ **Note : If your device does not work after long term storage/ low battery. Please contact Hy-clor for help. For safety do not open the sealed motor/ battery without authorisation. Check charger conditions**

PRODUCT HELPLINE

AU: 1800 625 123
NZ: (09) 973 2477

help@hyclor.com.au
www.hyclor.com.au

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Warranty Terms & Conditions

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or a refund for a major failure and for compensation for any other reasonably foreseeable loss or damage.

Please read these warranty terms and conditions carefully. A failure to comply with these terms and conditions may affect any claim on warranty you may have on a product.

Item	Body/Battery/Motor	Charging Pins	Charger	Consumable parts
Warranty Period	2 Years	2 Years *corrosion is not covered under warranty	2 Years	N/A ** Only initial construction

*Always ensure the charging cap is secure before putting the robot into the pool, charging while the pins are wet will lead to damaging the cleaner this is not covered under warranty. **Always dry the pins before charging.**

**Consumable parts include: Brush's, Filter Basket, Tracks, and external roller wheels.

Chemistry plays a major role in the longevity of the external parts of the robot, ensure the pool meets the products specifications.

The warranty may be void if the robot is left in the pool.

Damage to a Vinyl liner is not covered under warranty. It is up to the user to make sure the liner quality is of good quality and will not be damaged using the 'i6' Pool cleaner.

Warranty is only for the Goods included in the box. Shipping fees may apply.

WARRANTY GENERAL CONDITIONS:

All products provided by HY-CLOR AUSTRALIA PTY LTD are warranted for defined periods of time (refer to product table).

All mechanical swimming pool products supplied to consumers by HY-CLOR are to be installed or used in the manner they are manufactured for only.

Warranty may be voided if the product or products claimed by the consumer under warranty have been used for purposes other than their designed or manufactured purpose.

Where applicable, products supplied by HY-CLOR come with operation and installation manuals. All care must be taken to install and operate the products according to these instructions. Failure to install or operate these products in accordance with these instructions may void warranty.

The chemical balance of the swimming pool water plays a significant part in the operational life of all swimming pool products, HY-CLOR recommends regular water testing using an approved swimming pool test kit.

This warranty is valid for the original purchase and is not transferable. Keep your purchase docket, tax invoice or receipt as the proof of purchase, and as proof of the date on which the purchase was made.

Modifications to any electrical product provided by HY-CLOR products are covered by a twelve-month warranty unless prior written approval has been granted by HY-CLOR and has been carried out by one of its authorized agents. All electrical installations must be carried out by a competent licensed professional.

All pool filtration equipment including filters, pumps and salt chlorinators, must be kept in a dry well ventilated area away from direct sunlight and in an area that is free from flooding or rain. This warranty does not cover normal wear and tear to the products or parts.

To make a claim please contact:

HY-CLOR AUSTRALIA PTY LTD
178 POWER STREET
GLENDENNING NSW 2761
FREE CALL NUMBER 5 DAYS A WEEK 1800 625 123.

PRODUCT HELPLINE
AU: 1800 625 123
NZ: (09) 973 2477

help@hyclor.com.au
www.hyclor.com.au

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