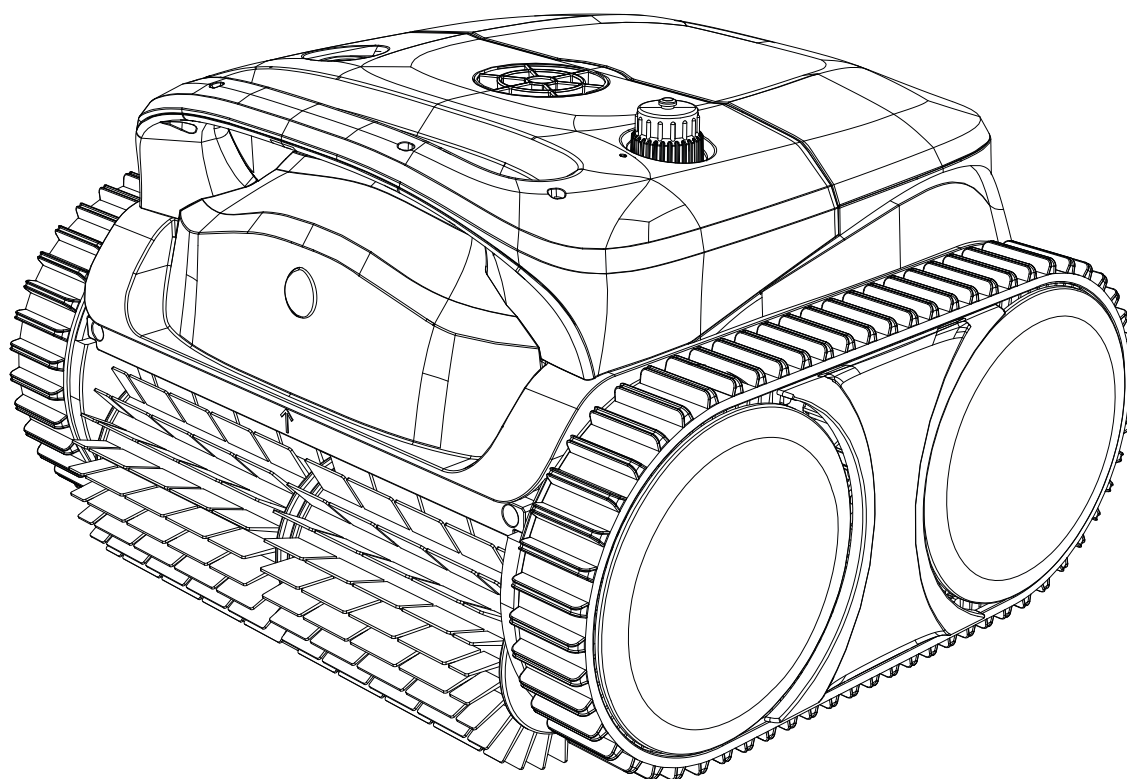




i4

CORDLESS ROBOTIC POOL CLEANER



INSTALLATION & OPERATION MANUAL

HY-CLOR AUSTRALIA PTY LIMITED
ABN 81 000 655 381

178 Power Street
Glendenning NSW 2761 Australia

all enquiries:
AU 1800 625 123, NZ (09) 973 2477
or help@hyclor.com.au

visit us at hyclor.com.au

Suits:
HYCROBOTi4

Warranty requests:
help@hyclor.com.au

Serial number is located on the bottom of the robot.

Version 1.2



Thank you for choosing the Hy-Clor i4 cordless robot cleaner. At Hy-Clor we are dedicated to making pool care easier and more affordable.

The i4 cleaner has been designed to be easy to use, reliable and extremely effective. Features such as smart navigation, wall and floor cleaning, debris filtration, quick charging and app connectivity make this one of the most advanced cleaners on the market.

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

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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.
14. Do not attempt to open, disassemble, modify, or remove the battery. The Battery is not end user servicable
15. Do not dispose of this product or battery in general household waste.
16. At end of life, take the product to a certified e-waste recycling center or a participating battery drop-off point.

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 i4 cleaner. Return to normal chemistry before using the i4.
 8. Remove the cleaner before adding pool chemicals or salt.

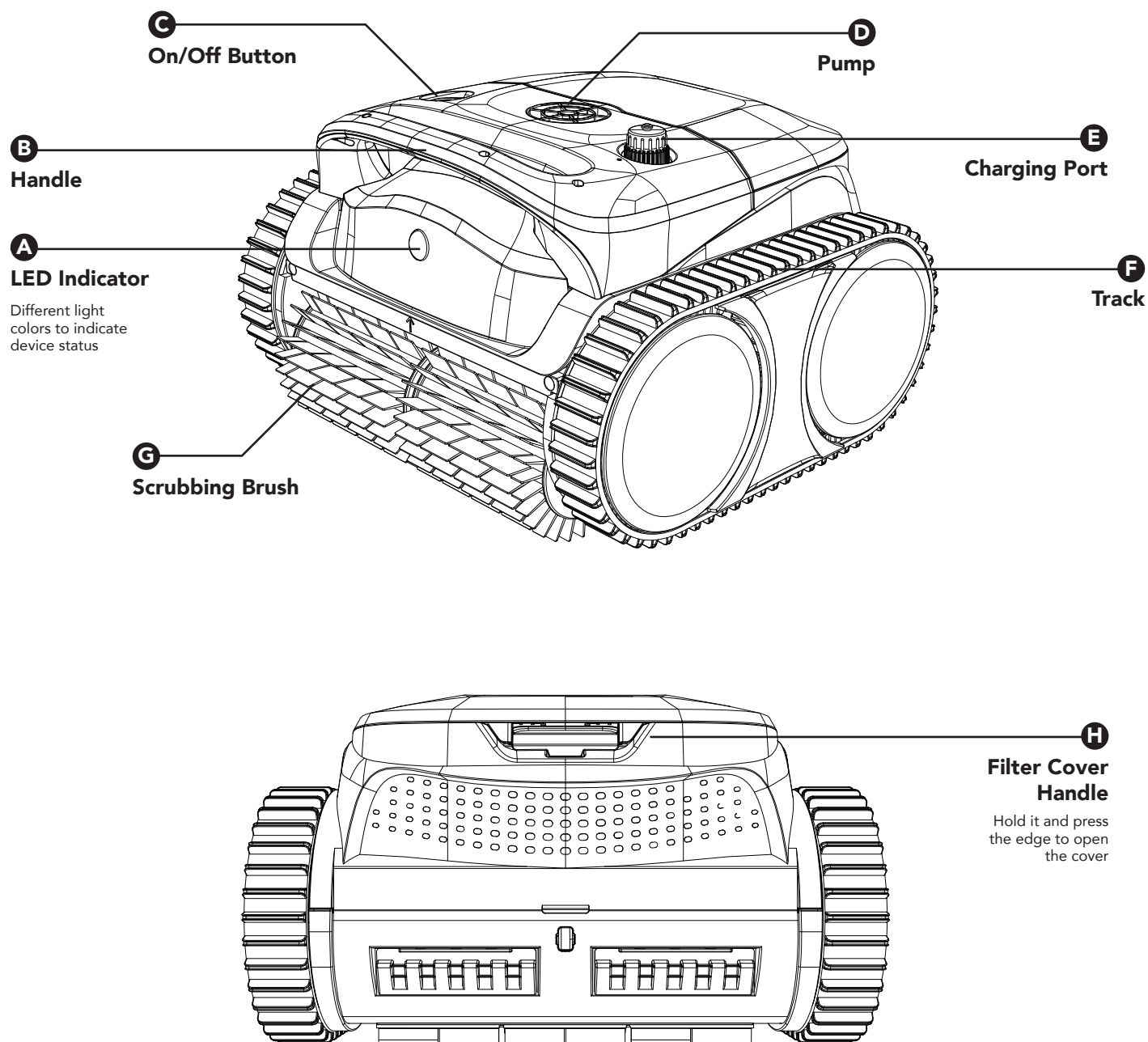
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Hy-Clor i4 at a glance

Product External Overview



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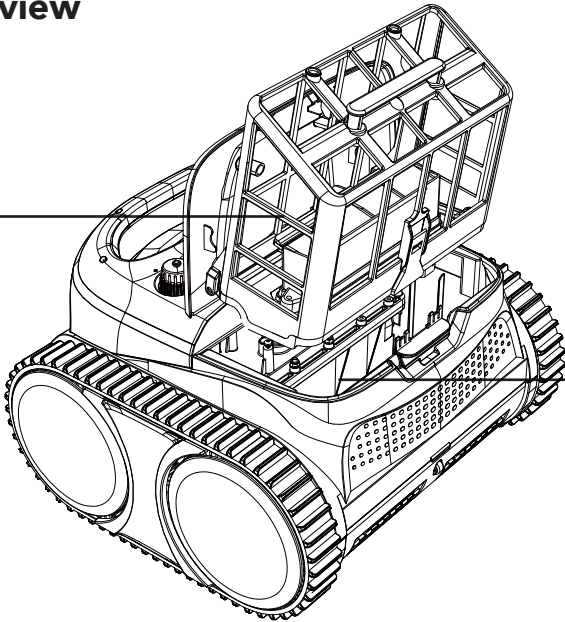
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Product Internal Overview

I
Filter Basket

Stores collected debris.
Requires washing after
each use.



J
Sealed Part

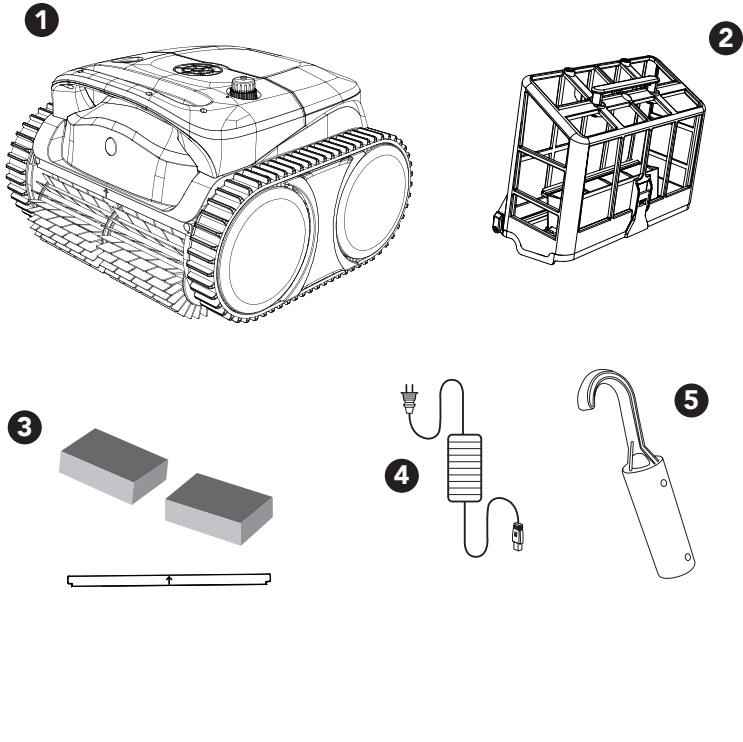
Important components are
sealed inside. For your safety,
do not try to disassemble it
without authorisation.



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	1 pk
4	Charger	1
5	Hook	1
6	User Manual	1
7	Quick Guide	1



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www.hyclor.com.au

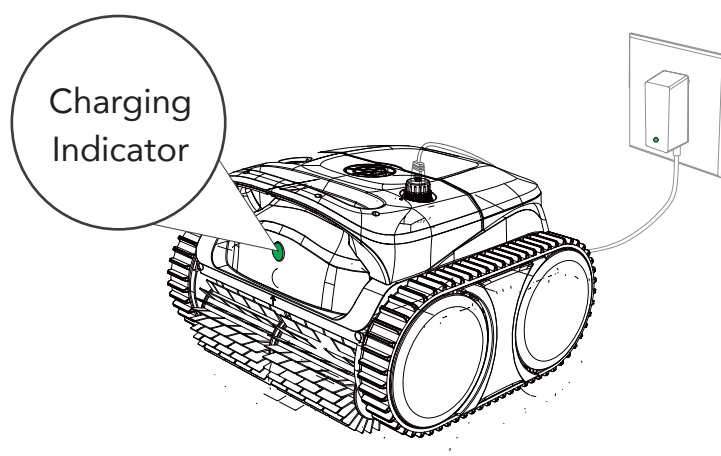


Get Started

Charge your new HY-CLOR i4

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. Note: Battery only lasts 2-2.5 hours while in use.

To charge your device, connect it to a power outlet using the included cable and adapter. The adapter has a indicator light to show it has power. The LED indicator on the front of the robot will start flashing yellow dot ● to a flashing green dot ● to indicate above 80% charger and a solid green light to indicate it is fully charged.



- 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%.

Charging indicators

Color	Indication
● Red	Charging in Progress
● Green	Battery is full
● Flashing green	Charging is at 80%
● Flashing yellow	Charging is under 50%

The Hy-CLOR i4 will take approx 3 hours to charge from empty.

Note: When using the APP the approximate charging percentage is shown when connected to the robot.

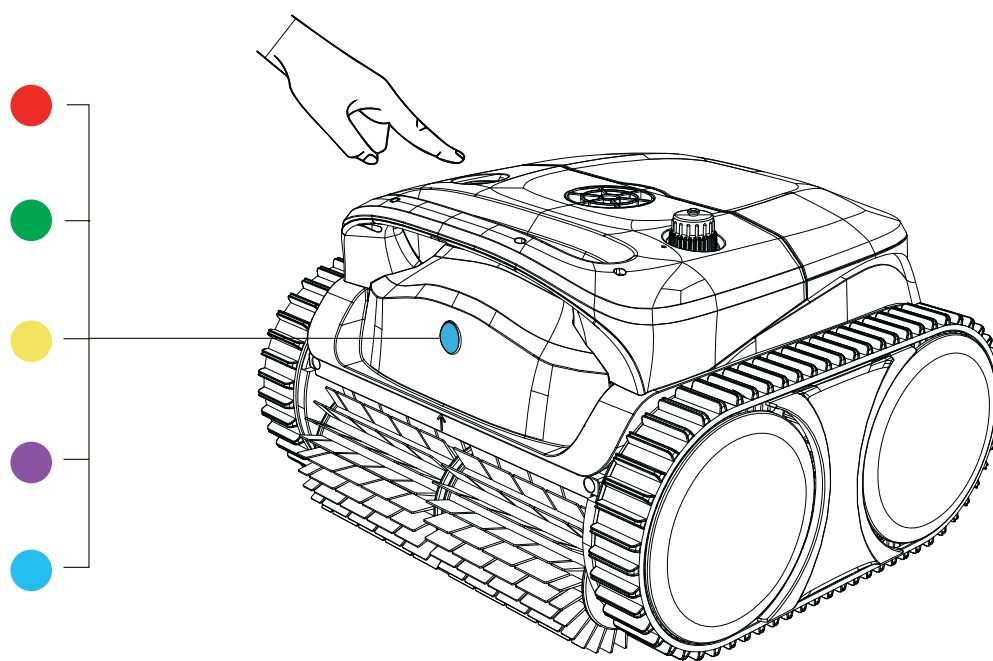
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Setup your new HY-CLOR i4

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	Flashing	Low battery or self-parking in the pool if charger is plugged in indicates charging status
	Breathing (bright to dim)	Self-parking complete in pool. / Charging is complete when plugged in.
● Red	Solid or flashing	Fault see trouble shooting section or contact Hy-Clor



Note:

1. When the yellow light is breathing/flashing, you should remove the i4 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.

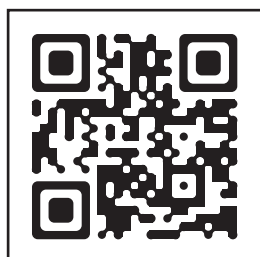
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Connect to your App

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 15.0 or later	Android 8.0 or later



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.

Icon	Mode	Cleaning Range
	Standard Full-Pool	Wall+ Floor+Waterline
	Floor only	Floor
	Wall only	Wall
	Wall then floor (Combo)	Starts in wall only mode, when cleaner is at approx 75% power it will swap to floor cleaning.
	Eco Floor	Floor only, minimum battery use for longer run time. Approx 2.5 hours
	Cycle Mode	Floor only: can work for up to 7 days on a single charge. See App for more details.
	Expert Mode	This uses the selected mode however allows you to change the cleaning patterns.



Note:

Changing cleaning modes is only available via the Hy-clor App.

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 may be removed or added. Please ensure the app is updated and robot firmware is updated before use.

Note: The app also allows you to calibrate internal sensor. Hit the little (i) button when connected and on cleaning mode screen and follow on screen prompts.

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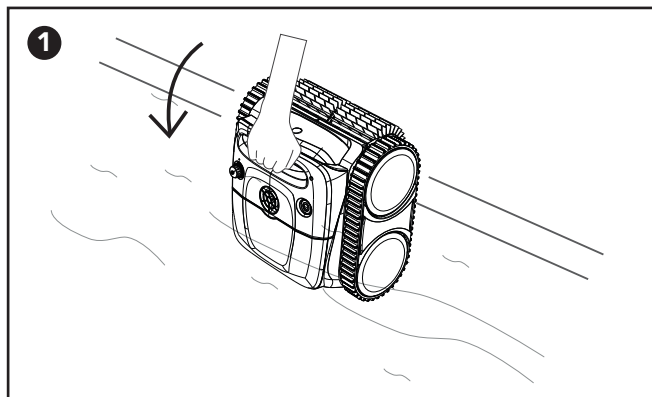


How to start your Hy-Clor i4

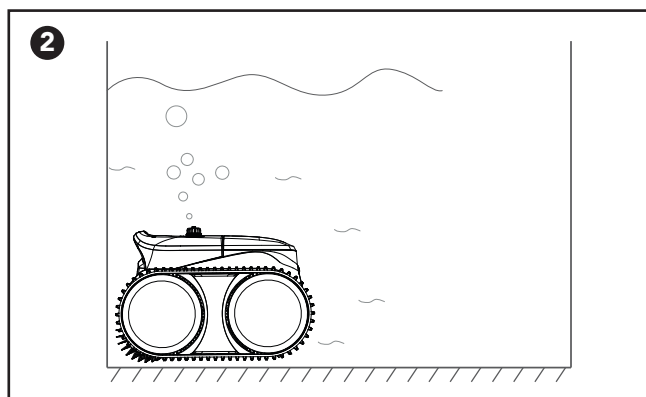


Note:

If using the app make sure you preset the desired cleaning mode before putting the i4 into the pool.



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

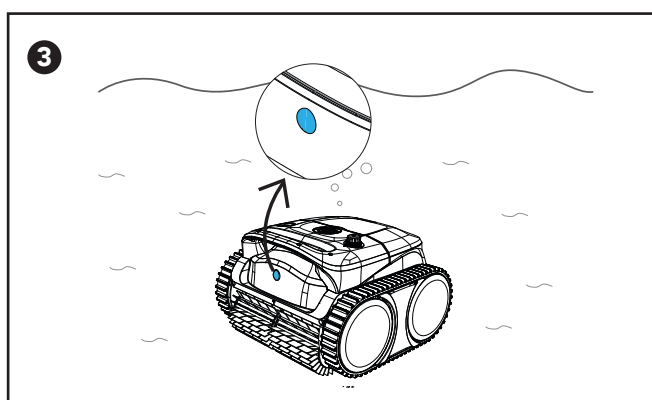


Let it sink down to the floor to empty trapped air inside.

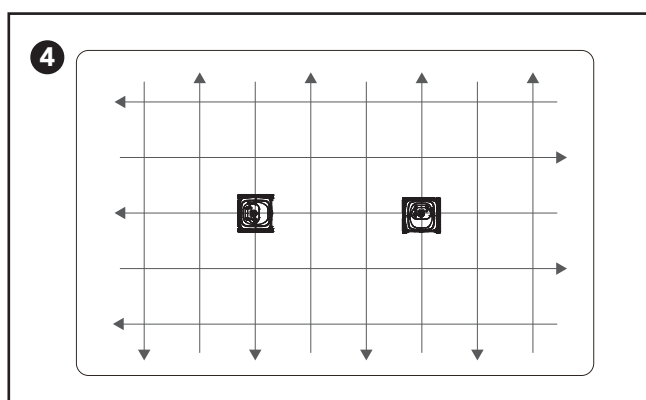


Note:

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 i4 will self-calibrate for approximately 20 seconds after entering the pool. During this time, the LED indicator will change to blue and start to flash slowly. After calibration, the i4 will begin cleaning the pool.

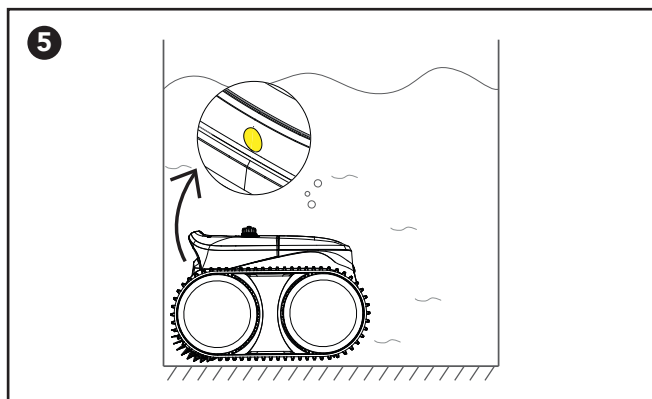


The i4 will start to clean the pool according to the set mode. By default the i4 will clean walls, waterline and floor.

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

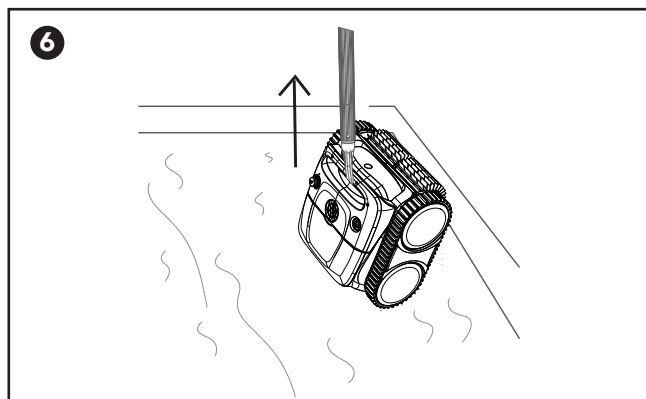
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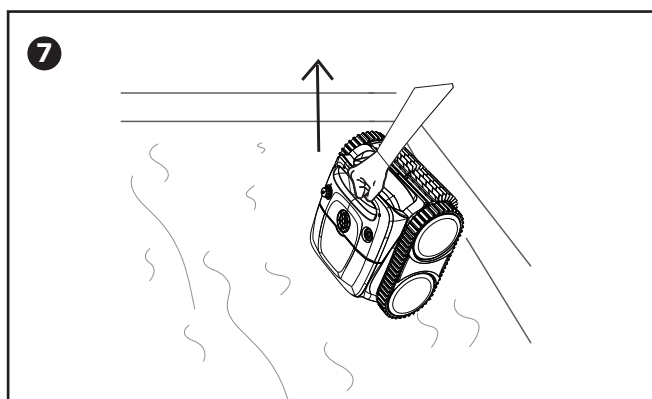
When the i4 has finished its cycle or has low battery, it will attempt to self-park. It will move to the closest wall and flash yellow, indicating that it has completed its cycle or has low battery.

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**.

Note: Don't use the hook to remove it from the pool as this could damage the cleaner or hook.



Then, use your hands to slowly pull the cleaner out of the pool via the handle, allowing the water inside to escape.

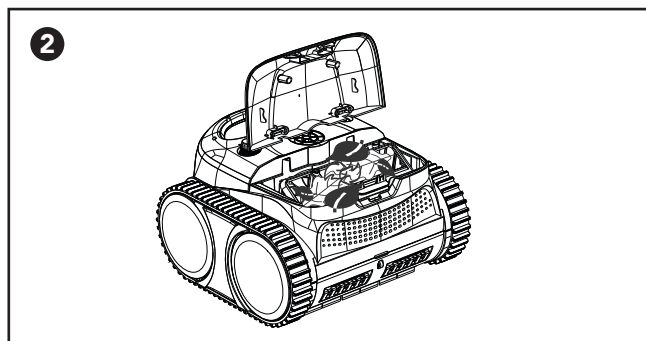
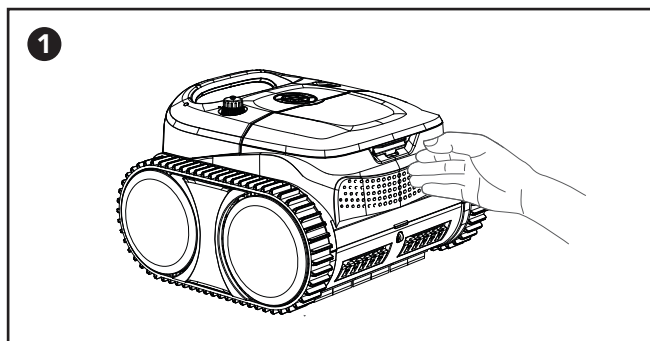
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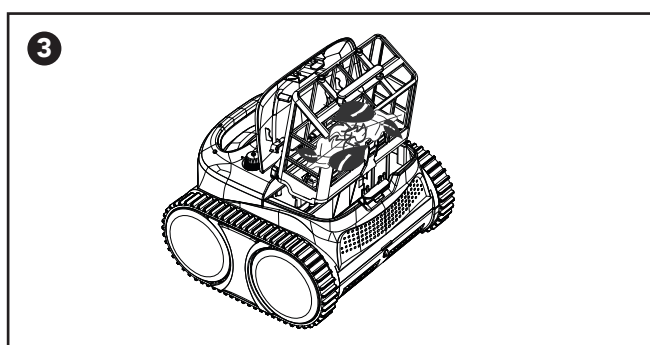


How to clean the internal filter basket.

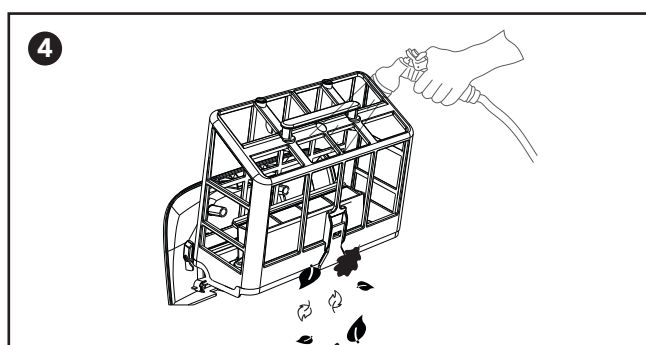
Locate the blue button and push to release the lid



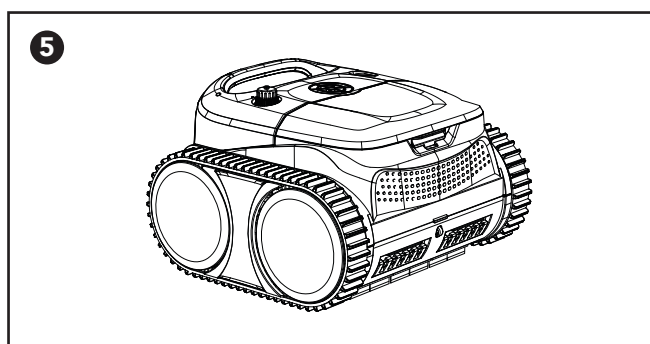
Note: Ensure Device is Off: Make sure the device is switched off while the cover is open to prevent any accidents. Clean Filter Basket: The filter basket should be cleaned before the i4 is completely dry. This will help prolong the longevity of the basket and maintain optimal cleaning performance.



Take out the filter basket.



Empty all debris from the basket and rinse both the basket and i4 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.

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Device Specification

Model	Hy-Clor i4 - HYCROBOTi4
Pool Size (max)	80,000lt
Depth (min/max)	0.5/3 meters
Device Dimension	360 (L) * 390 (W) * 260(H) mm
Weight	8Kg
Runtime	120 min (standard) 150min eco mode - Per charge
Charging Time	180min (3 hours)
Voltage	25.2V / 1.5A
Power	Up to 65W
Charger Input	100-240V, 50-60Hz
Charger Output	25.2V / 1.5A
Battery Capacity	4600 mAh
Filter Density	180µm (micron)
Flow Rate	191 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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STORAGE INSTRUCTIONS

Follow the steps below to store your i4 cleaner and to maintain good performance.

- Ensure the device is powered off.
- Clean the filter basket when the cleaner has been removed from the pool and dry the cleaner out.
- Fully charge the battery.
- 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
- Charge the cleaner at least every 1-3 months to ensure a optimal battery life.



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.

FAQ & TROUBLESHOOTING

Q: What pool shapes and surfaces is the i4 suited for?

A: The i4 will work in all pool shapes, with the integration of the App the user can set desired cleaning patterns. The i4 is suitable for PVC, Pebblecrete, Marblesheen, Concrete, Vinyl liner and Quartzon pools. The i4 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/bluetooth signal cannot be transferred while under water. The i4 needs to be pre-set before the cleaner has entered the water.

Q: The i4 isn't picking up fine dust/algae?

A: The i4 is not designed to collect fine dust or algae. Its 180-micron debris basket is suitable for larger particles such as sand, leaves, and other common debris. Fine particles and dead algae should be treated with a pool clarifier, which binds them into larger clumps that can then be removed by the pool's filtration system.

If you encounter the following situations during use of the i4 you can check the table on the next page for troubleshooting solutions.

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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	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 itself 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 i4 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 in not blocked up. Regular cleaning for fine debris might be required. Contact Hy-clor for more tips.
12	The cleaner won't turn on		The cleaner isn't charged	The charging pins might be damaged. Contact Hy-Clor

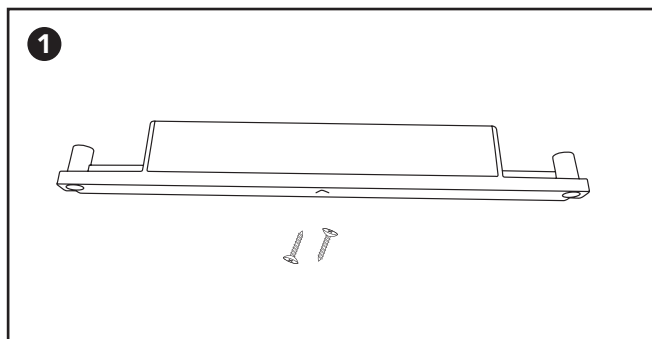
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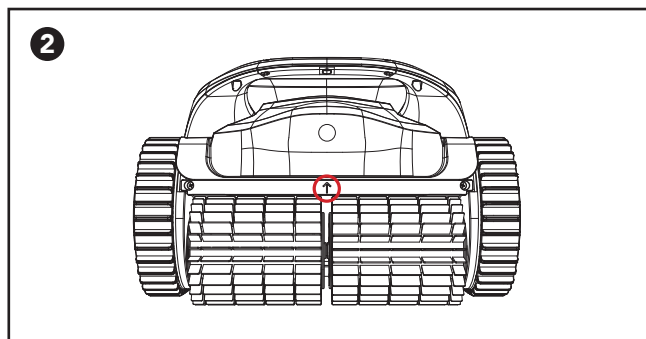
Installation of Floating Blocks (optional)

Due to the variety of different pool surfaces, we provide a floating block kit to offer additional buoyancy if needed when climbing walls. If you have a slippery surface (such as tiled or fibreglass), it is likely you will need to use part of this kit. However, we recommend testing the cleaner in a properly balanced pool before installing the blocks, as most pools do not require them and using them unnecessarily may reduce performance.

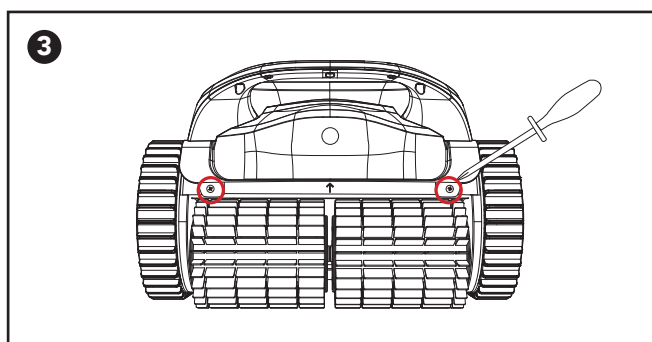
Follow these instructions to install the floating blocks



Take the long floating bloc and the two screws.

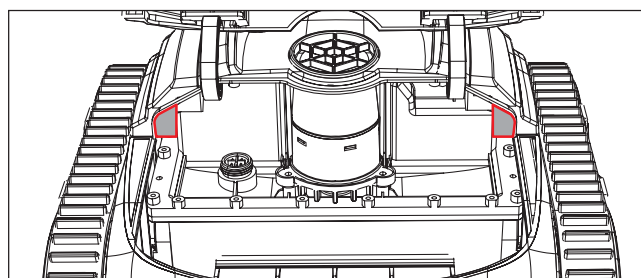
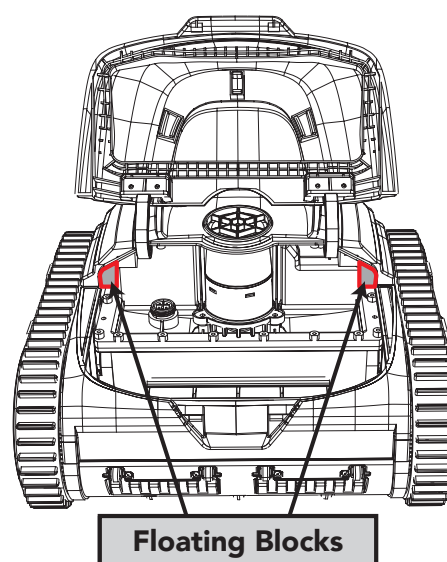


Place above the rollers. – make sure the arrow is facing up



Screw both sides into the body of the robot

If you need to add more buoyancy to the cleaner (or if the first method is too much), you can attach additional floating blocks as shown below. First, open the top cover and remove the debris basket. Thoroughly dry the areas where the blocks will be attached. Peel the backing from the adhesive side of each block and press it firmly against the inner wall of the cleaner. Ensure the sticky side is fully secured. Once applied, allow the adhesive to cure for 24 hours before placing the cleaner back into the pool.



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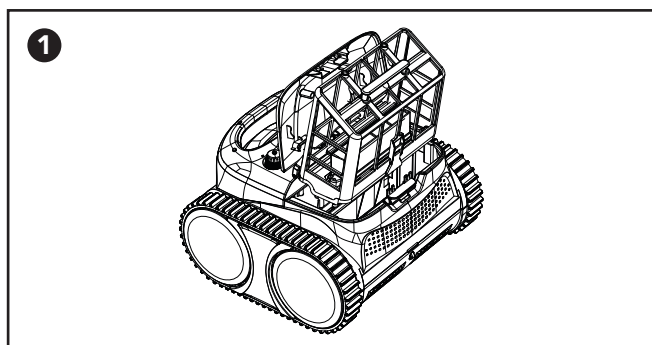
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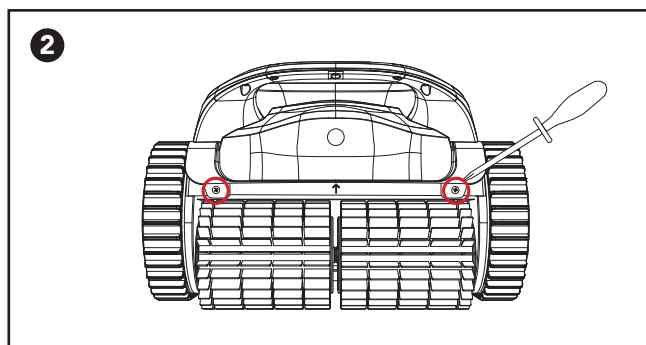
How to Clean the Hy-Clor i4 Impeller

Tools Required: 1x Phillips head screwdriver (manual only – do not use a drill)

Step-by-Step Instructions:

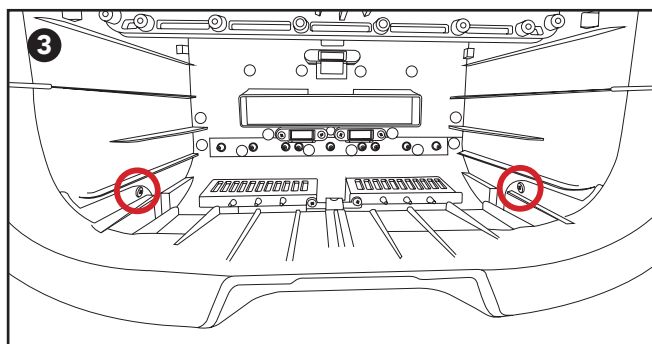


Remove the basket from the cleaner.

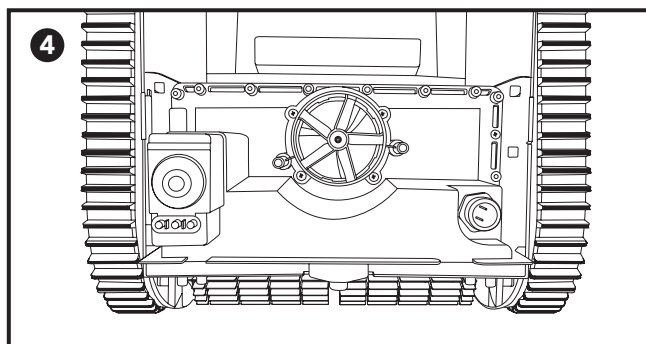


Unscrew the two front roller screws (these are the longer, flat-ended screws).

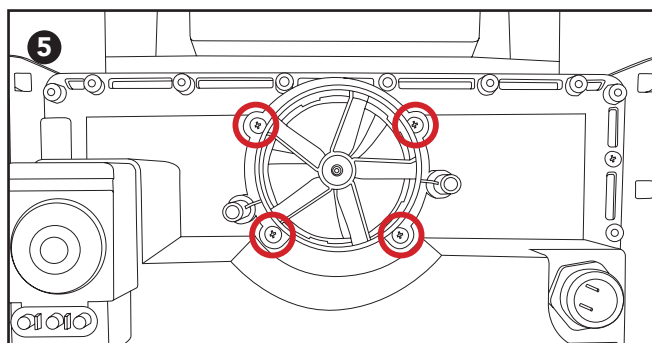
Note: remove the floating block first if installed.



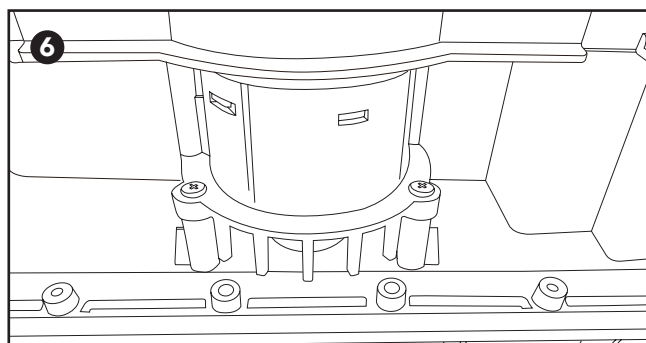
Remove the two screws inside the debris compartment (these are the shorter, pointy screws)



With the logo facing you (at the rear of the robot), lift the top cover and flip it open to the left. The power cord will remain attached — there's no need to disconnect it.



Locate the impeller guard and remove its screws.



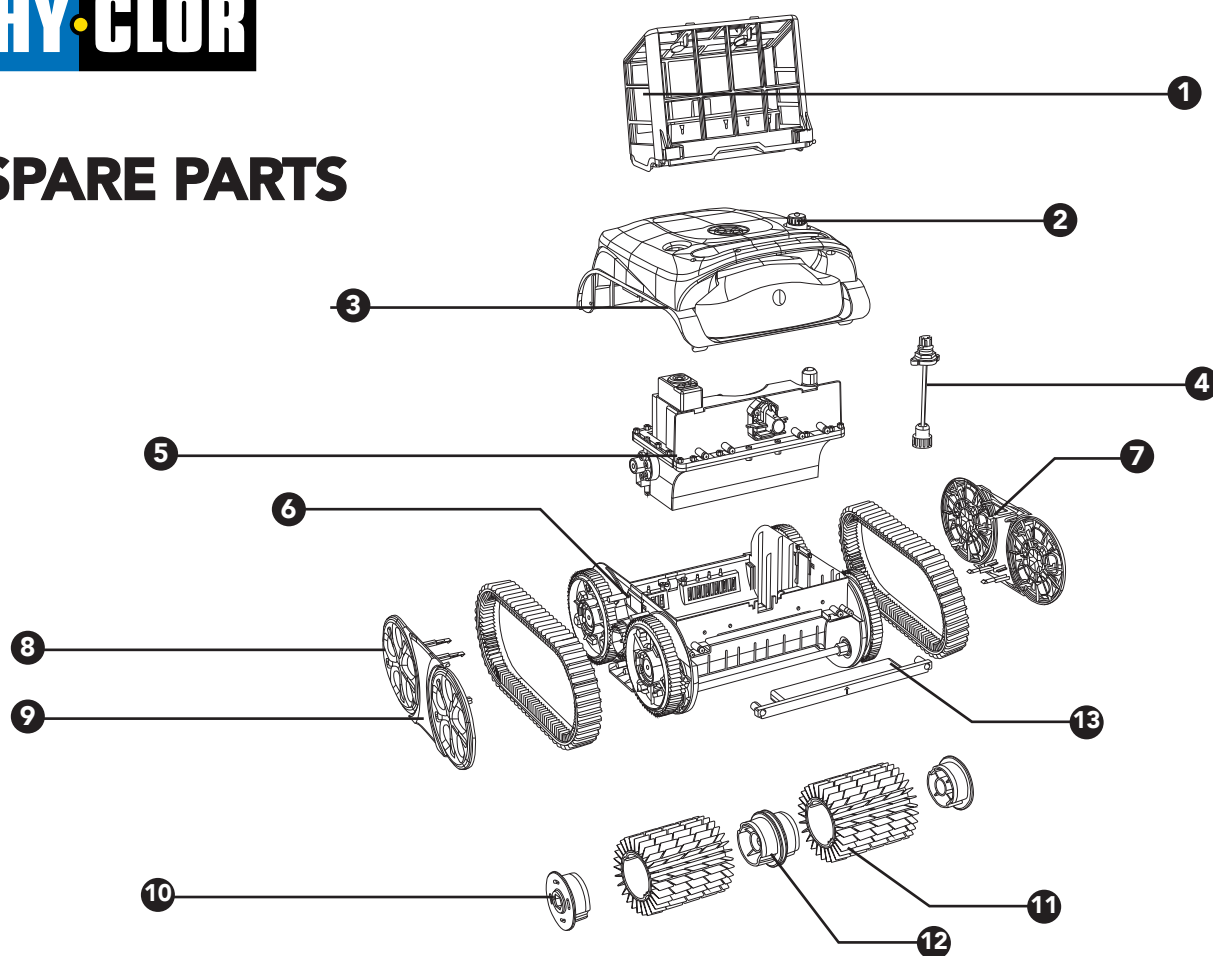
Remove the guard and clear any blockages around the impeller.

7 Reassemble by reversing all the steps above.

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SPARE PARTS



Number	Name	SKU	Note
1	i4 DEBRIS BASKET 180 micron	SPROBOTi4DB	
2	i4 PINS COVER	SPROBOTi4CV	Cap only
2 + 4	i4/i6 PINS SET	SPROBOTi6PINS	Includes cap
5	i4 SEALED MOTOR	SPROBOTi4SM	Includes battery
7	i4/i6 DRIVE BELT	SPROBOTi6BELT	Set of 2
8 + 9	i4/i6 WHEEL COVER KIT	SPROBOTi6WCVR-KIT	2 * 8 + 1 * 9
10 + 11 + 12	i4/i6 ROLLER KIT	SPROBOTi6ROLLER-KIT	Entire assembly
13	i4 FLOATING BLOCK PK	SPROBOTi4FBP	
n/a	i4 CHARGER	SPROBOTi4CHAR	Model: GC42-252175-4A
n/a	RETRIEVAL HOOK	SPROBOT-HOOK-AU	
n/a	i4 WEIGHT BLOCK	SPROBOTi4WB	
n/a	i4 DRAIN FLAP PK	SPROBOTi4DF	
n/a	i4 OBSTACLE WHEEL KIT	SPROBOTi4OBK	

Note: Contact Hy-Clor for replacement parts.

PRODUCT HELPLINE

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



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 'i4' 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
GLEN DENNING NSW 2761
FREE CALL NUMBER 5 DAYS A WEEK 1800 625 123
Or EMAIL help@hyclor.com.au**

PRODUCT HELPLINE

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



HY-CLOR AUSTRALIA PTY LIMITED
ABN 81 000 655 381

178 Power Street
Glendenning NSW 2761 Australia

AU 1800 625 123
NZ (09) 973 2477

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