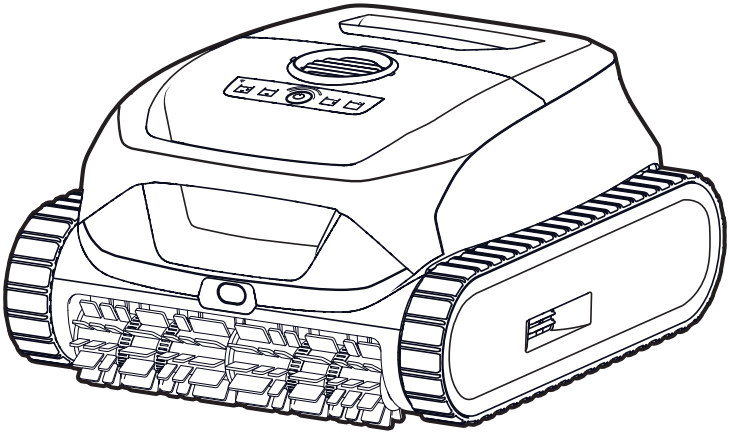
Zodiac
FLUIDRA

Owner's Manual



Cordless Robotic Cleaner

Model: FREERIDER FR350 IQ

TYPE CI35--

⚠ WARNING

FOR YOUR SAFETY – For anything other than the routine cleaning and maintenance described in this guide, this product must be serviced by a qualified professional with sufficient experience in pool equipment installation and maintenance so that all of the instructions in this manual and the Safety and Regulatory Warning Leaflet can be followed exactly. All safety instructions must be followed explicitly in order to prevent injury hazards. Do not operate the cleaner outside of the pool. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. Improper installation and/or operation may void the warranty and may cause severe damage to the cleaner motors. The owner/operator of this equipment should keep this document.

BEFORE YOU START – This Owner's Manual contains essential operation and start-up instructions. Read complete manuals and all safety warnings accompanying this system before commencing operation or start-up.

WARRANTY REGISTRATION	Record your equipment details here for quick reference: Model No.: _____ Serial No.: _____
	AUSTRALIA WARRANTY: For full warranty terms and conditions and to register your warranty, visit www.zodiac.com.au/warranty and complete your details. ◀ Or scan the QR code to go directly to the registration page.
	NEW ZEALAND WARRANTY: For full warranty terms and conditions and to register your warranty, visit www.zodiac.co.nz/warranty and complete your details. ◀ Or scan the QR code to go directly to the registration page.

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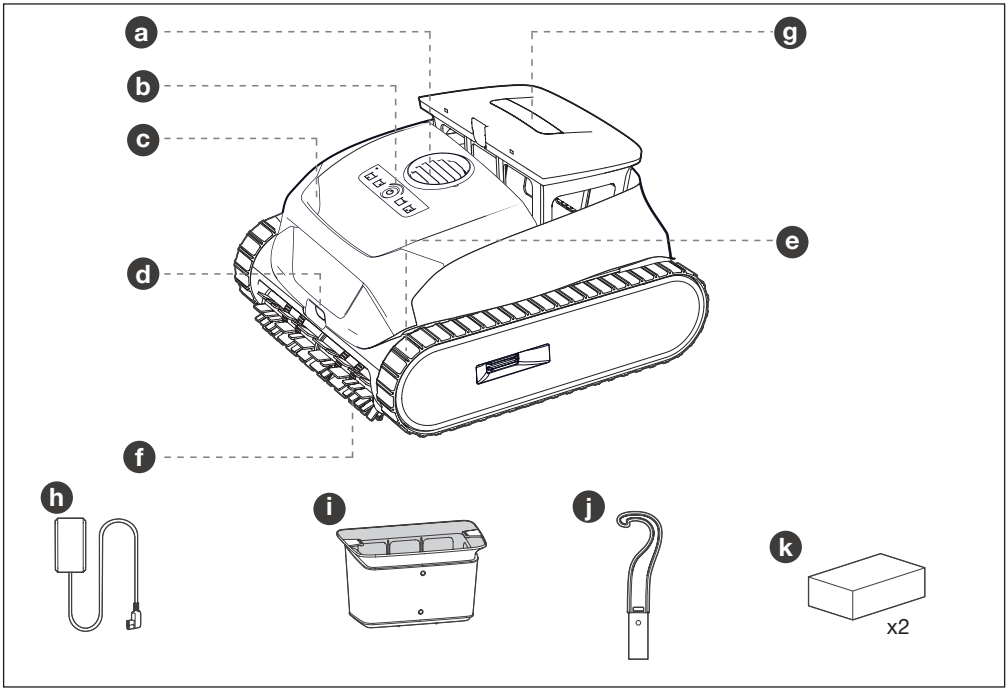
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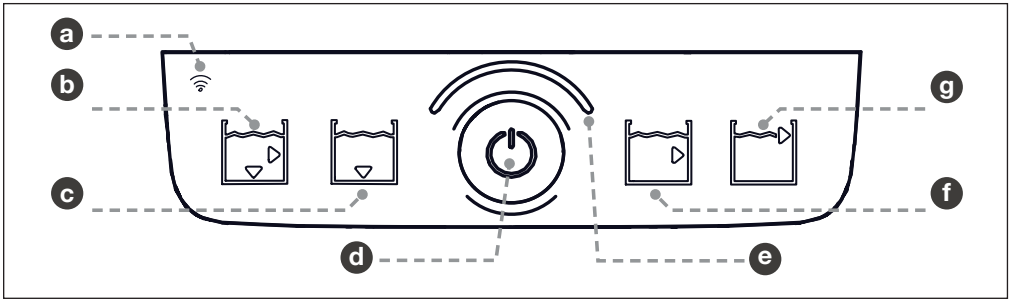
Section 1. Cleaner Overview

1.1 Product Overview and Contents



a Flow Outlet
b Control Panel
c Handle
d Sensor
e Tracks
f Brushes
g Filter Access
h Charger
i Ultra-Fine Filter
j Retrieval Hook
k Buoyancy Foam (x2)

1.2 Control Functions



a Wi-Fi Status Indicator
b Floor/Walls Mode
c Floor Mode
d Power Button
e LED Status Indicator
f Wall Mode
g Waterline Mode

1.3 Usage Guidelines

- Do not use an extension cord to connect the charger to electric supply.
- The pool cleaner must be installed and operated as specified. See safety and warning manual for more information.
- Clean the filter canister after each use.
- Do not use the product in your pool if the water temperature is above 95°F (35°C) or below 50°F (10°C).
- Use ONLY the battery charger provided with the appliance. Improper use may cause electric shocks, overheating or leakage of corrosive liquids from the battery.

General Cleaner Operating Guidelines

Robotic cleaners reduce manual effort; however, they do not fully eliminate pool maintenance. Manual brushing or skimming may still be required. Large storms or heavy debris conditions may require precleaning before operating your pool cleaner.

To prevent damage to the cleaner, be sure to adhere to the following guidelines:

- Remove large debris from the pool prior to use
- Ensure pump baskets and pool filtration systems are clean before operating the cleaner
- Periodically inspect and empty the cleaner filter canister during cleaning cycles when operating in heavily soiled pools
- Remove the cleaner from the pool after the cleaning cycle is completed.
- Store out of direct sunlight or inclement weather.
- Always remove the cleaner from pool when super chlorinating or adding acid.
- Do not handle cleaner while it is in operation.

Battery Recycling & Disposal

This appliance contains batteries that are non-replaceable. When the battery is at end of life, the appliance shall be properly disposed of. The battery and cleaner must be serviced and/or replaced by a qualified service professional. DO NOT attempt to service the product yourself.

Disposal of Li-Ion Batteries

- Regulations and laws pertaining to the recycling and disposal of Li-Ion batteries vary from country to country as well as by state and local governments. You should check the laws and regulations where you live.
- There are a number of facilities that recycle Li-Ion batteries. The Battery Stewardship Council's web site, https://bcycle.com.au/ provides information on where these types of batteries can be disposed of for recycling and is an excellent source for finding a facility to handle these types of batteries. If you are not sure if your waste facility can handle Li-Ion batteries, contact them and verify if they are permitted or not.
- Remember that before any type of disposal the batteries should be discharged completely. Tape the cleaner charging contacts with electrical tape and package so as to prevent contacts accidentally coming together at any time.
- This cleaner contains a maintenance-free, rechargeable lithium-ion battery pack, which must be disposed properly.
- Recycling is required.

Section 2. Product Usage

2.1 Charging the Cleaner

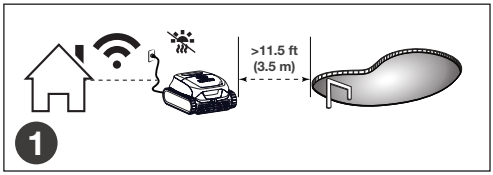
IMPORTANT

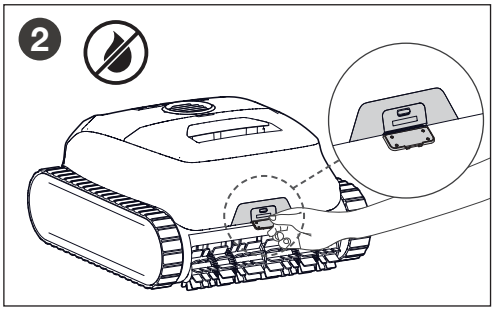
Fully charge pool cleaner before first use

4h

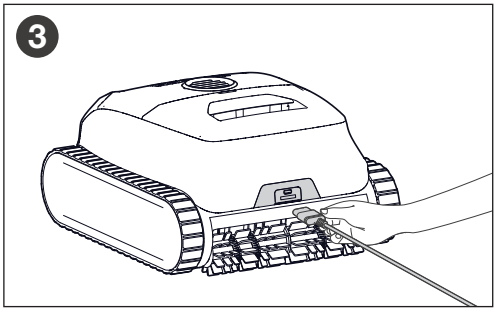
The cleaner takes up to 4 hours to fully charge (solid Green LED). Select an indoor charging location (GFCI or RCD outlet) at least 11.5 ft (3.5 m) away from the pool, out of direct sunlight, rain or inclement weather, and with adequate Wi-Fi strength.

Charge the Cleaner:





Ensure that the cleaner is dry before charging. Before charging, remove the charging port cover to check if there is any residual water in the charging port. If so, wipe dry the charging port first.



Connect the end of the charger to the cleaners charging port.

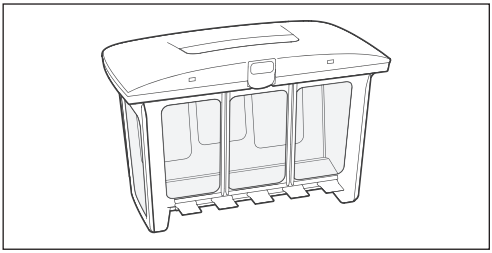
Secure closed the protective cap before submerging the cleaner.

2.2 Information/Status LEDs

LED Status Indicator		
While Charging	Solid Green	Fully charged.
	Blinking Green	Not fully charged. May not run a complete cycle.
	Blinking Blue	Low battery.
	Blinking Orange	Very low battery.
	Blinking Red + Alternating Color	Error, see *Cleaner Error Codes*.
Firmware update	Blinking Yellow (1-second interval)	Firmware updating.
	Blinking Yellow (5-second interval)	Cleaner resetting after firmware update
Ready to Start Cleaning (unplugged) and/ or While Cleaning	Solid Green	Ready to clean.
	Solid Blue	Low battery. May not run a complete cycle.
	Solid Orange	Very low battery. Charge required.
	Blinking Red + Alternating Color	Error, see *Cleaner Error Codes*.
Wi-Fi Status Indicator		
	Solid Green	Connected Wi-Fi.
	Blinking Green	Pairing or resetting.
	Blinking Red	No Wi-Fi connection.

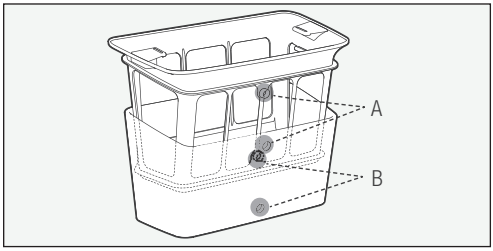
2.3 Filtration

The cleaner includes two filtration options: standard debris or fine debris.



General-Purpose Filter Canister

Used to collect debris like stones, leaves, and sand. When visible debris is significant, use the general-purpose filter canister by itself without the ultra-fine filter.



Ultra-Fine Filter (replaceable)

Used to collect fine debris, such as silt and some algae. When visible debris is minimal, but the pool water appears cloudy or there is evidence of algae, use both the filter canister and the replaceable ultra-fine filter.

Ensure that A and B on the ultra-fine filter align with A and B marked on the filter canister.

NOTE: After several uses, the surface of the ultra-fine filter may show signs of wear, but will not impact performance. The ultra-fine filter should be replaced every 30 uses to maintain effective filtration.

2.4 Cleaning Modes

Cleaning Mode	Where to Select	Additional Information
Floor/Walls*	Product or App	Default. Full pool coverage
Floor*	Product or App	S-pattern cleaning
Walls	Product or App	On vertical surfaces
Waterline	Product or App	At tile line
Multi-Day*	In App	Preset cleaning cycles

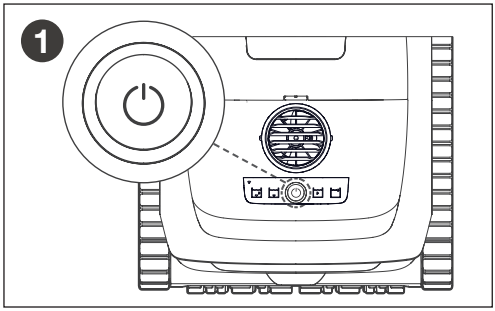
* **Floor/Walls** - Cleaner will always begin cleaning walls first.
* **Floor** - Choose Floor mode to clean with pool cover on.
* **Multi-Day** - Allows you to run multiple cleaning cycles over a span of a few days. No need to remove the cleaner from the pool, or charge between cycles.

OPTIMISING CLEANER PERFORMANCE

The ultra-fine filter captures very fine debris and should be cleaned regularly. If the filter becomes overloaded, you may notice reduced mobility, limited wall-climbing performance or occasional tilting. Keeping the filter clean will help ensure the best cleaning results.

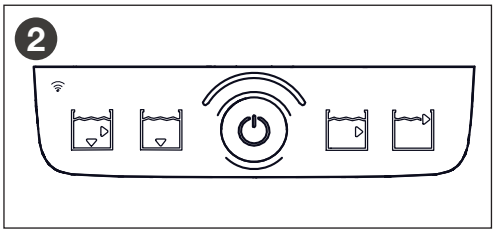
2.5 Using the Cleaner

To start cleaning:

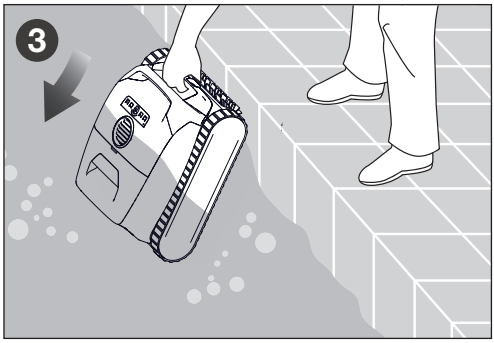


Press and hold the power button for 2 seconds to turn on the cleaner. After turning on, the LED is solid Green.

Press and hold the power button for 2 seconds to turn off the cleaner.

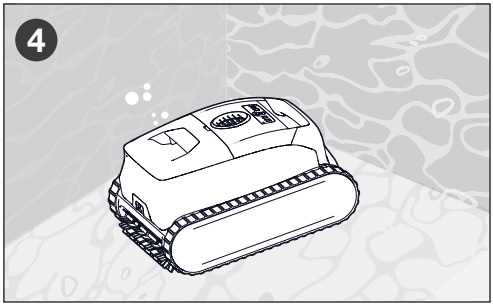


Press the power button to select one of the four modes: Floor/Walls, Floor, Wall, or Waterline.



Submerge the cleaner vertically into the water and shake it slightly to release air bubbles. Wait for bubbles to stop.

NOTE: If the cleaner is not submerged within 5 minutes, it will turn off automatically. Press the power button again to restart and submerge.



Let the cleaner sink to the bottom of the pool. Cleaning cycle will start as soon as the cleaner detects the pool water.

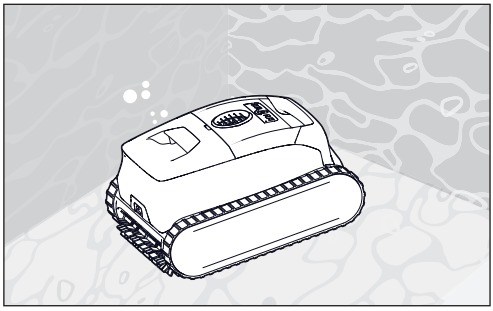
⚠ WARNING

Do not enter pool while the robotic cleaner is in water.

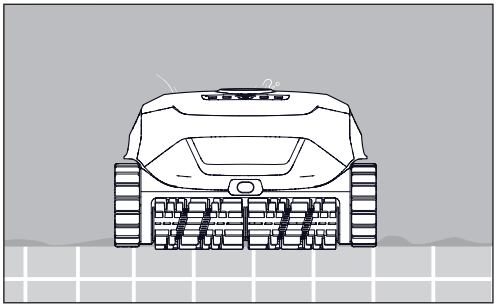
2.6 Removal Methods

End of Cycle

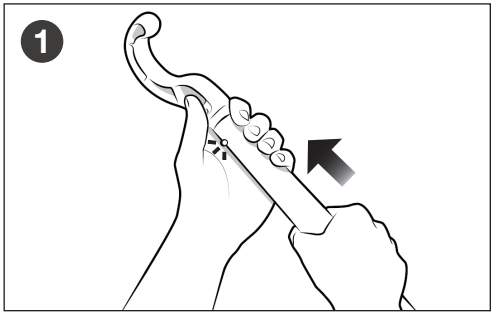
When the battery is low, the cleaner will climb up the wall and wait at the waterline for 10 minutes to pick up. Use the handle to remove.



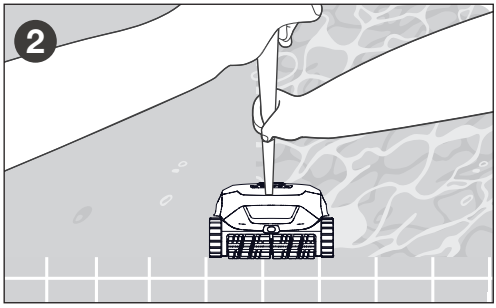
If connected to the app, push notifications will be sent to your mobile device during this time to remove the cleaner. If the cleaner is not removed during waterline waiting, it will return to the floor.



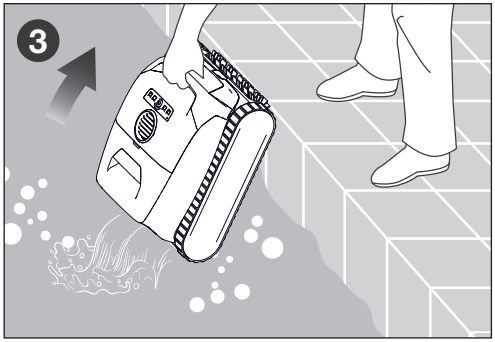
Hook Retrieval



After the cycle is complete, attach the retrieval hook (included) to a standard pool pole (not included).



Secure the hook on the cleaner handle. Bring the cleaner to the waterline.



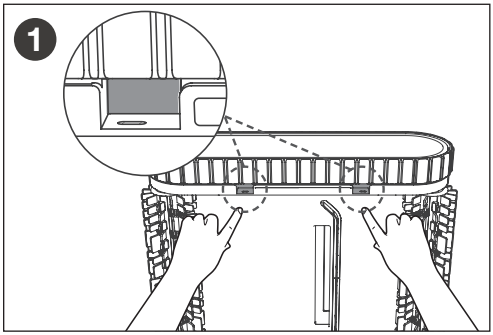
Pull up the cleaner by the handle and hold vertically to let the water drain into the pool.

Ensure the cleaner is dry before charging. Fully charge before next use.

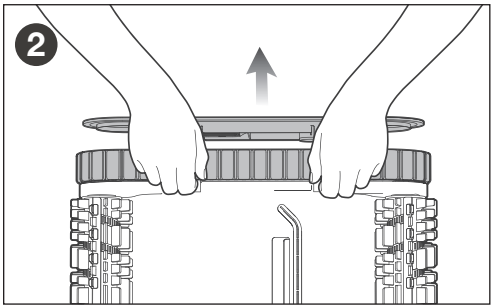
2.7 Use in Tile Pools

In tile or mosaic pools, if the cleaner is struggling to climb the walls, while the filter is empty, install the buyoancy kit provided with the cleaner.

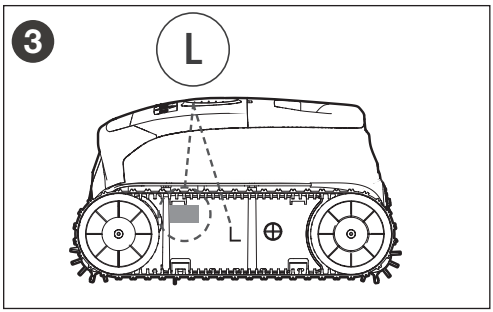
To install buyoancy foam:

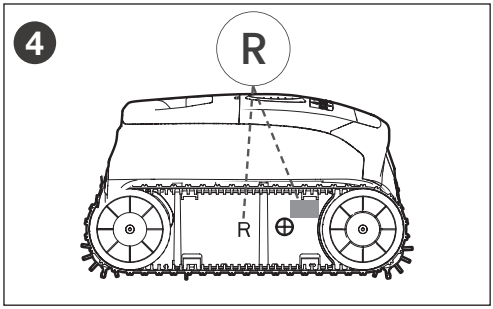


Lay the cleaner on its side, and locate the two small holes under the tracks.

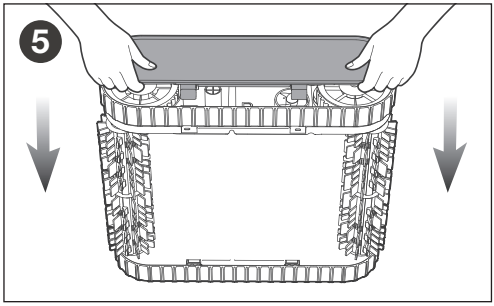


Press your fingers into the holes and push outward to remove the side panels.





Each foam is marked for a specific side of the cleaner. Install the foam according to markings L and R on each side.



Reattach the side panels by pressing the locking buckles firmly in place.

Section 3. Installing the App

ANDROID APP ON Google play

Available on the App Store

The Fluidra Pool App is available for download from the App Store or Google Play.

Before you begin installation, make sure you have the following:

- Robotic cleaner is fully charged and turned on
- Smart device (phone) with Wi-Fi and bluetooth-enabled

IMPORTANT
Have your Wi-Fi network password available.

3.1 Download the App

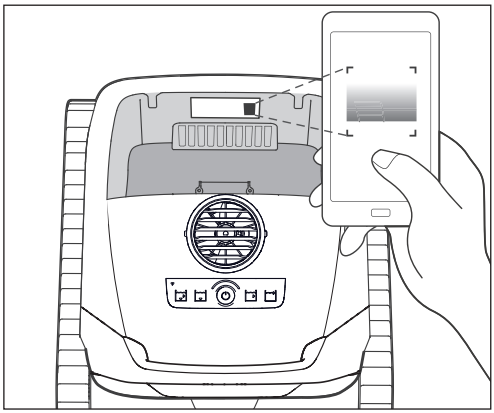
Install or update the App from the App Store or Google Play. Once download is complete, sign up and log into the App to begin setting up your cleaner.

3.2 Configure the System

When the cleaner is powered on for the first time, it will enter Network Setup Mode. The Wi-Fi indicator will blink Green. If this process is interrupted, press and hold the power button for 5 second to restart Network Setup.

3.3 Add the Cleaner

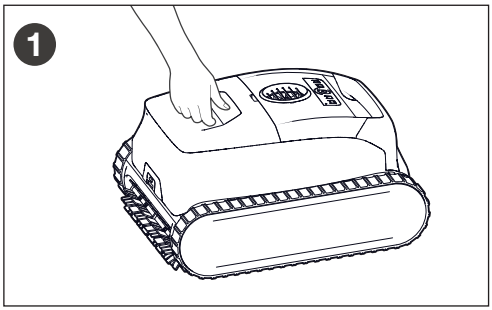
Under "more" navigate to add equipment. Locate the QR code label on the cleaner. Scan the QR code or manually enter the Cloud ID and Access Code. Enter your Wi-Fi network and password to complete set up.

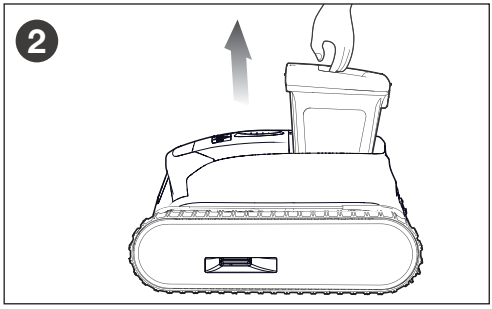


The QR code is located inside the cleaner, visible after having removed the canister.

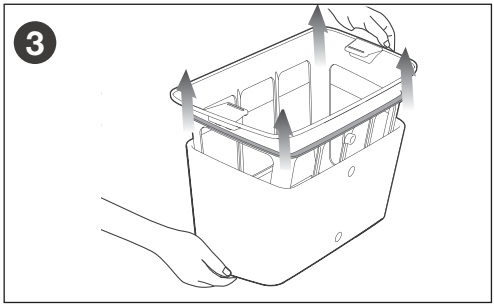
Section 4. Maintenance

The filter canister should be rinsed with fresh (non-chlorinated) water at the end of each cycle. Periodically, clean the canister with soapy water and a soft bristle brush to remove fine particles that clog the material. Rinse with clean (non-chlorinated) water.





Pull up on the handle to remove the filter canister.

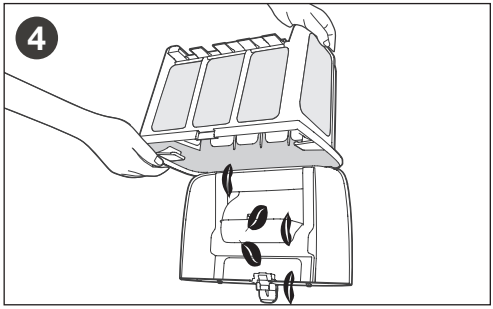


If applicable, remove the ultra-fine filter. Pull four corners to release.

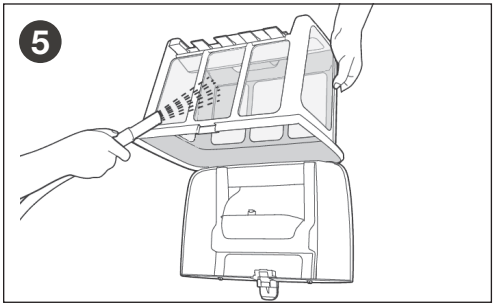
MAINTENANCE TIPS

It is advisable to use a high-pressure water gun to clean the replaceable ultra-fine filter and the filter box to ensure thorough cleaning.

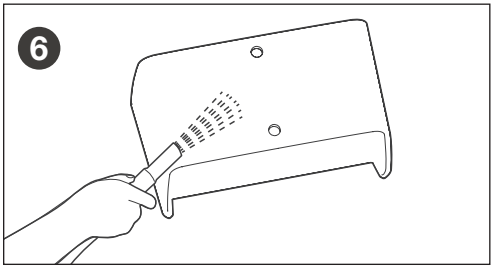
After several uses, the surface of the replaceable ultra-fine filter may show signs of wear. This does not impact its performance, however the replaceable ultra-fine filter is a consumable item and should be replaced approximately every 30 uses to maintain effective filtration.



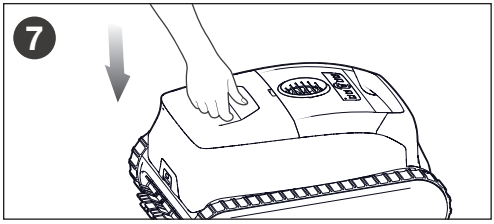
Press the latch on the filter canister to release the lid. Open the lid and remove debris.



Rinse the filter canister and ultra-fine filter separately using fresh, clean water.



Rinse the ultra-fine filter inside and out and use a high-pressure hose to ensure thorough cleaning. Scrub by hand if necessary.



Replace the filter canister into the cleaner.

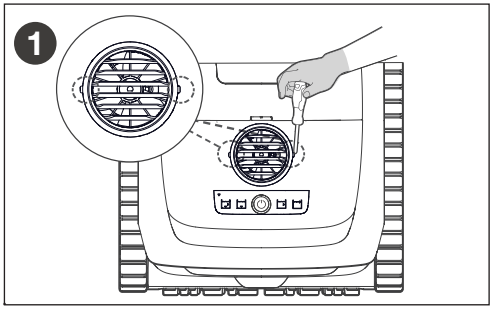
4.1 Cleaning the Impeller Area

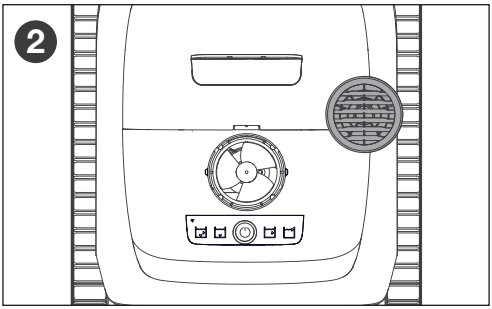
IMPORTANT

To avoid serious injury:

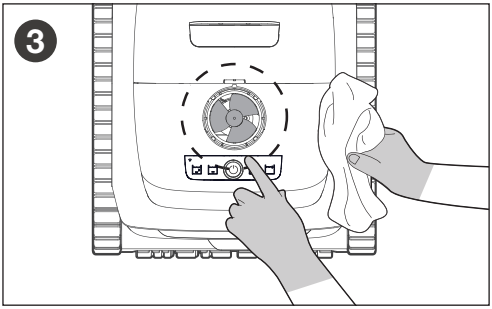
- Ensure the cleaner is switched OFF (LEDs are all off) before attempting maintenance.
- Wear gloves when cleaning the impeller.
- Always dry the appliance before cleaning the impeller and clean the impeller in a dry area.

To clean the impeller:

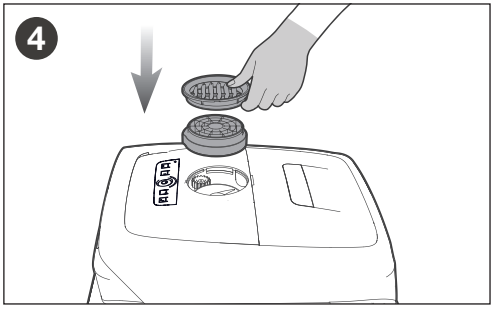




Use a flathead screwdriver to pry open the flow outlet to expose the impeller.



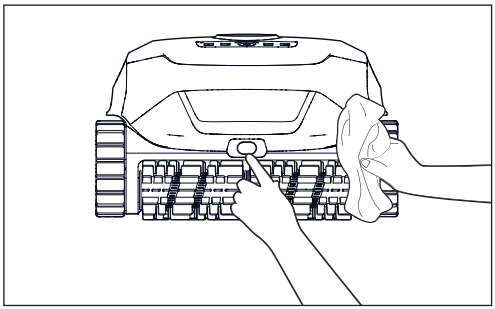
Carefully remove debris that may be wrapped around and blocking the impeller.



After cleaning the impeller, replace the flow outlet.

4.2 Cleaning the Sensor

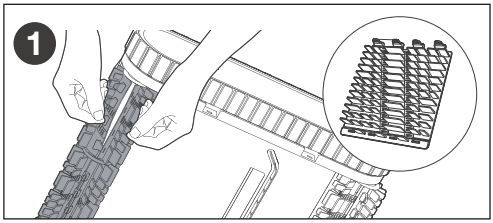
To clean the sensor:



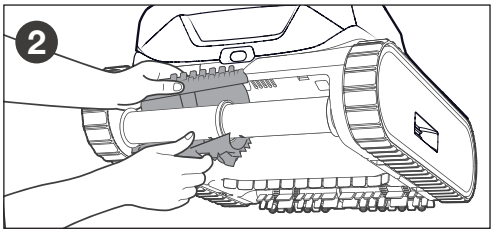
To maintain the cleaner's optimal performance, use a soft, dry cloth to gently wipe away any debris from the sensor.

4.3 Replacing the Brushes

To replace the brushes:



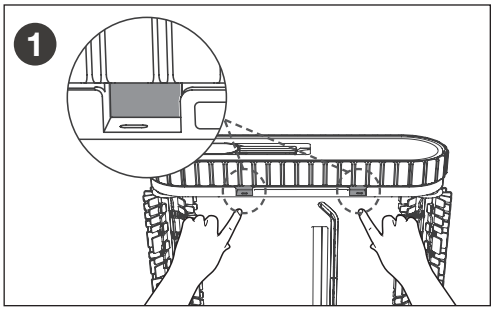
Remove the brushes by pulling apart the tabs.



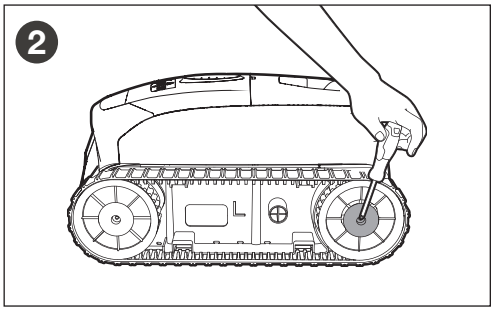
To replace, position a new brush without the tabs under the brush holder. Roll the brush around the support, slide the tabs into the slits and pull until the wide edge passes through each slit.

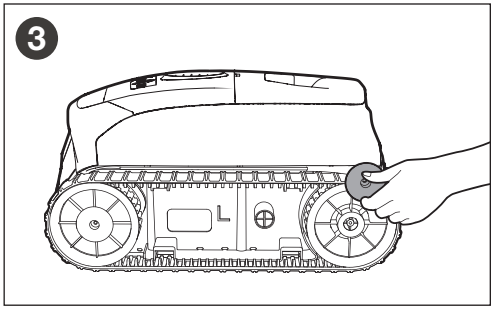
4.4 Replacing Tracks

To remove the track:

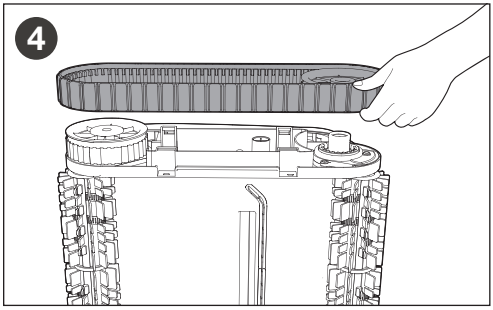


Remove the side cover plates from the cleaner: Lay the cleaner on its side, and locate the two small holes below the tracks. Insert your fingers into the holes and push outward to detach them.



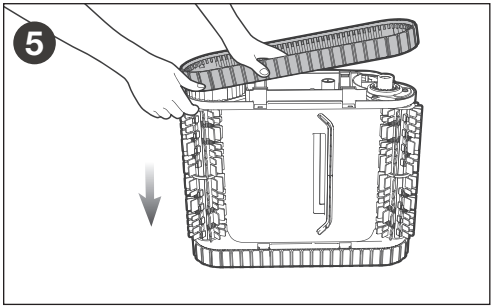


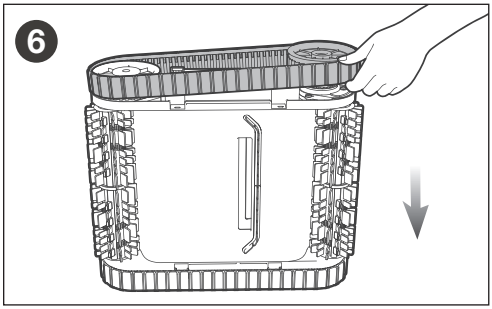
Remove the screws and guide sleeve from the rear wheel.



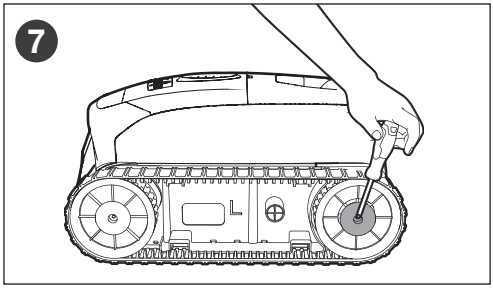
Remove the rear wheel and tracks of the cleaner by gently pulling on each piece.

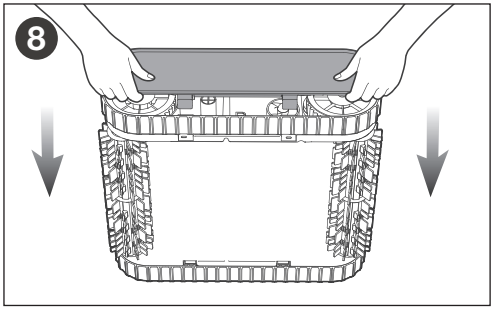
To install the track:





Align the gears of the replacement tracks with the gears on both wheels. Reinstall the rear wheel and the tracks, ensuring they are secured along the track sleeves.





Install the rear wheel guide sleeve, tighten the screw and reinstall the side cover plate. Repeat this step for the other tracks.

Section 5. Storage Guidelines

During off-seasons, such as winter or long vacations, when your cleaner isn't in use, follow these steps to keep it in top shape:

- Fully charge the cleaner before storing it. Ensure the cleaner is turned off and disconnected from the charger before storing.
- Thoroughly clean the entire cleaner, including the top and bottom shells, wheels, brushes, and charging port to remove any dirt.
- Dry the cleaner with a soft cloth, and ensure the charging port cover is properly closed.
- Store the cleaner in its original packaging in a cool, dry, and well-ventilated place.
- Recharge the battery every six months to maintain its health.

Section 6. Troubleshooting

6.1. General Troubleshooting

The following list provides some helpful hints for troubleshooting common challenges when using the cleaner.

User Issue	Possible Cause	Suggested Solutions
The cleaner does not stay on the pool surface or is floating excessively.	There is air trapped inside the cleaner housing.	Remove cleaner from pool and re-submerge.
	Filter canister is full or dirty.	Dispose of debris and thoroughly clean the filter canister with mild soap and a soft brush. Then, re-submerge the cleaner.
The cleaner is not climbing walls.	Filter canister is full or dirty.	Dispose of debris and thoroughly clean the filter canister with mild soap and a soft brush. Then, re-submerge the cleaner.
	Track treads worn down.	Replace tracks. Contact your retailer or customer support.
	Confirm appropriate pool chemistry.	Speak with your pool service professional. Do not leave cleaner in the pool during any chemical treatments.
	Cleaner in Floor Only mode.	Select Floor/Wall cleaning mode.
The cleaner is not moving.	The cleaner may not be charged.	The outlet the charger is connected to is not supplying electrical power. Check that the outlet to which the charging station is connected is receiving electricity.
	Cycle not started.	Remove from water and start the cleaner by pushing the power button or use the App.
The cleaner will not turn on.	Low battery.	Fully charge and then try again.
	Battery temperature too high/low.	The temperature detected during charging is outside of the recommended temperature range for recharging the cleaner 50-95ºF (10-35ºC).
The cleaner will not charge.	Charger or charging port damaged.	If the charger is correctly connected but the cleaner cannot charge, the charger or the charging port might be damaged. Contact your retailer or customer support.
	Charger not connected in place.	Reconnect the plug, ensuring that the metal contacts are connected firmly.
	Battery temperature too high/ow.	The temperature detected during charging is outside of the recommended temperature range for recharging the cleaner 50-95ºF (10-35ºC).
	Battery overdischarged from long inactivity.	See *Storage Guidelines*. If the cleaner won't charge due to extended non-use, please Contact your retailer or customer support.
The cleaner is moving in circles.	Sensor lens is dirty.	Use a soft, dry cloth to clean the sensor lens.
	Sensor lens is damaged.	Contact your retailer or customer support.
	Unique pool shape, obstacles or built-in features.	Remove cleaner from pool and re-submerge in a different location.
The cleaner is not cleaning the pool effectively.	Filter canister is full or dirty.	Dispose of debris and thoroughly clean the filter canister with mild soap and a soft brush. Then, re-submerge the cleaner.
	Brushes are worn.	Replace brushes. Contact your retailer or customer support.
	The cleaner is not fully charged.	Charge the cleaner.
	Cleaner error.	See *Cleaner Error Codes*.
The cleaner has stopped working.	Low battery.	Charge the cleaner.
	Cleaner is in Multi-Day mode.	Check the App to verify selected cleaning mode. Cleaning will resume as scheduled.
	Cleaner error.	See *Cleaner Error Codes*.

6.2. Cleaner Error Codes

LED Status Indicator	Error	Solutions
Blinking Red & Yellow (alternating).	Pump motor error.	1. Press and hold the power button for 2 seconds to turn off the cleaner. No LEDs will be illuminated. 2. Check for small debris or hair in the fan impeller and remove, see *Cleaning the Impeller Area*. 3. Contact your retailer or customer support.
Blinking Red & Green (alternating).	Right drive motor error.	1. Press and hold the power button for 2 seconds to turn off the cleaner. No LEDs will be illuminated. 2. Check that debris is not preventing the brushes or tracks from moving freely. 3. Rotate each track in the same direction until it rotates smoothly. Repeat in the opposite direction until a rotation is smooth. 4. Contact your retailer or customer support.
Blinking Red & Blue (alternating).	Left drive motor error.	

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