ZODIAC®

EN

iAquaLink™
CONTROL

More documents on:
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CE EAC UK CA

according to product marking
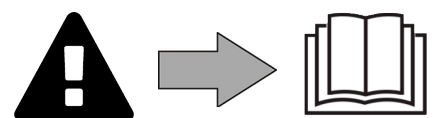
⚠ WARNINGS

- Before handling the appliance, it is vital that you read this installation and user manual, as well as the "Warranties" booklet delivered with the appliance. Failure to do so may result in material damage or serious or fatal injury and will void the warranty.
- Keep and pass on these documents for reference during the appliance's service life.
- The distribution or modification of this document in any way is prohibited, without prior authorisation from the manufacturer.
- The manufacturer is constantly developing its products to improve their quality. The information contained herein may therefore be modified without notice.

GENERAL WARNINGS

- Failure to respect the warnings may cause serious damage to the pool equipment or cause serious injury, even death.
- This cleaner is a professionnal cleaner. Only a person qualified in the technical fields concerned (electricity, hydraulics or refrigeration) is authorised to use it and carry out maintenance or repair work on the appliance. The qualified technician working on the appliance must use/wear personal protective equipment (such as safety goggles and protective gloves, etc.) in order to reduce the risk of injury occurring when working on the appliance.
- Before handling the appliance, check that it is switched off and isolated.
- The appliance is intended to be used for pools and spas for a specific purpose; it must not be used for any purpose other than that for which it was designed.
- This appliance is not intended for use by individuals (including children) with impaired physical, sensorial or mental abilities, or persons lacking in knowledge and experience, unless they receive supervision or prior instructions on using the appliance from a person responsible for their safety. Children must be supervised to ensure that they do not play with the appliance.
- This appliance can be used by children under 8 and adults with impaired physical, sensory or mental capabilities, or who lack experience and knowledge, if they are correctly supervised or have been instructed in how to use the appliance safely and understand the hazards involved. User cleaning and maintenance operations must not be carried out by children without supervision.
- The appliance must be installed according to the manufacturer's instructions and in compliance with local and national standards. The installer is responsible for installing the appliance and for compliance with national installation regulations. Under no circumstances may the manufacturer be held liable in the event of failure to comply with applicable local installation standards.
- For any work other than the simple user maintenance described in this manual, the product should be referred to a qualified professional.
- If the appliance suffers a malfunction, do not try to repair it yourself; instead contact a qualified technician.
- Refer to the warranty conditions for details of the permitted water balance values for operating the appliance.
- Deactivating, eliminating or by-passing any of the safety mechanisms integrated into the appliance shall automatically void the warranty, in addition to the use of spare parts manufactured by unauthorised third-party manufacturers.
- Do not spray insecticide or any other chemical (inflammable or non-inflammable) in the direction of the appliance, as this may damage the body and cause a fire.
- Do not touch the fan or moving parts and do not place objects or your fingers in the vicinity of the moving parts when the appliance is in operation. Moving parts can cause serious injury or even death.

WARNINGS ASSOCIATED WITH ELECTRICAL APPLIANCES

- The power supply to the appliance must be protected by a dedicated 30 mA Residual Current Device (RCD), complying with the standards and regulations in force in the country in which it is installed.
- Do not use any extension lead when connecting the appliance; connect the appliance directly to a suitable power supply.
- Before carrying out any operations, check that:
- The required input voltage indicated on the appliance information plate corresponds to the mains voltage;
- The mains supply is compatible with the appliance's electricity needs and is correctly grounded.
- In the event of abnormal operation or the release of odours from the appliance, turn it off immediately, unplug it from its power supply and contact a professional.
- Before servicing or performing maintenance on the appliance, check that it is powered off and completely disconnected from the power supply and that all other equipment or accessories connected to the appliance are also disconnected from the power circuit.
- Do not disconnect and reconnect the appliance to the power supply when in operation.
- Do not pull on the power cord to disconnect it from the power supply.
- If the power cord is damaged, it must be replaced by the manufacturer, an authorised representative or a repair facility only.
- Do not perform maintenance or servicing operations on the appliance with wet hands or if the appliance is wet.
- Before connecting the appliance to the power supply, check that the connection unit or socket to which the appliance will be connected is in good condition and shows no signs of damage or rust.
- In stormy weather, disconnect the appliance from the power supply to prevent it from suffering lightning damage.

SPECIFIC FEATURES APPLICABLE TO "Pool cleaners"

- The cleaner is designed to operate properly in pool water at a temperature of between 15°C and 35°C.
- To avoid possible injury or damage to the cleaner, do not operate the cleaner out of the water.
- In order to prevent possible injury, bathing is prohibited when your cleaner is in the pool.
- Do not use the cleaner during shock chlorination.
- Do not leave the cleaner unattended for an extended period.

WARNING ON THE USE OF A CLEANER IN A POOL WITH A LINER:

- Before installing the cleaner, carefully inspect the pool lining. If the liner is damaged in places, do not install the cleaner before a qualified professional repairs or replaces the liner. The manufacturer may not be held liable in any way for damage caused to the liner.
- The surface of certain patterned liners can wear away quickly: the patterns and/or colours can become deteriorated, faded or disappear on contact with certain objects. The cleaner manufacturer may not be held liable for wear to the liners or faded patterns, which are not covered by the limited warranty.

WARNING ON THE USE OF A CLEANER IN A STAINLESS STEEL POOL:

- Some stainless steel pools may have very fragile surfaces. The surface of these pools might get damaged by the basic friction of debris against the surface, for example caused by the wheels, tracks or brushes of cleaners, including electrical pool cleaner. The wear or scratching of stainless steel pools are not the liability of the manufacturer of the pool cleaner and are not covered by the limited warranty.

CONTENTS

EN

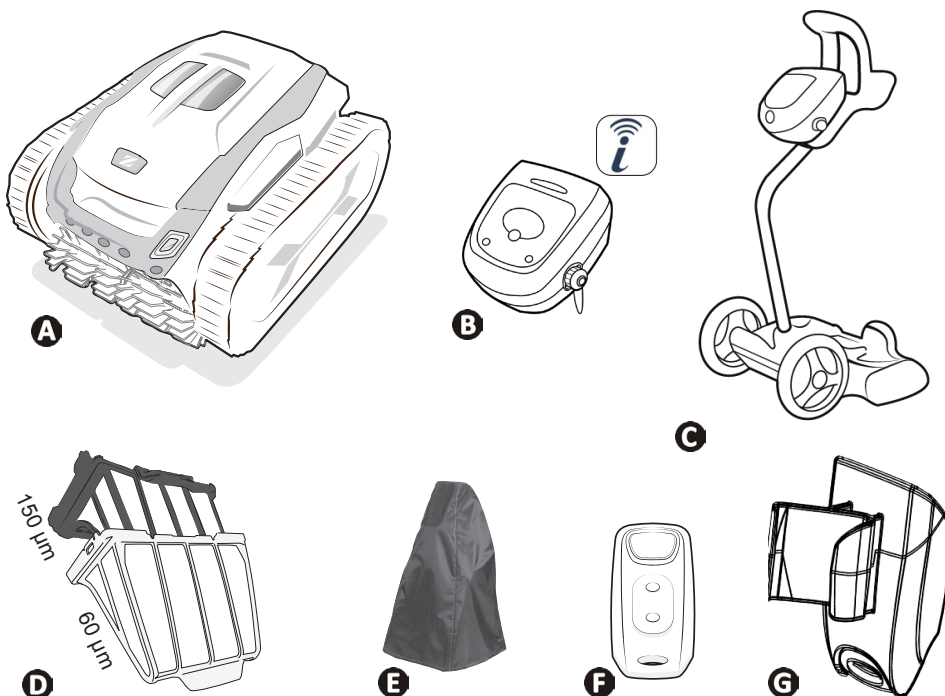ℹ **Tip: to make it easier to contact the retailer**
Write down the retailer's contact details to help you find them more easily and fill in the "product" information on the back of the manual: the retailer will ask for this information.

1.1. Package contents

		8 500 iQ	8 700 iQ
A	Cleaner + floating cable	✔	✔
B	Control box	✔	✔
C	Caddy kit	✔	✔
D	Dual filtration : Very fine debris single filter (60µ) + Fine debris single filter (150µ)	✔	
E	Protective cover	+	+
F	Remote control	+	✔
G	Remote control support	+	✔

✔ : Supplied   + : Available as an option

❷ 1.2. Technical specifications and marking

1.2.1. Technical specifications

		8 500 iQ	8 700 iQ
Control box power supply		220 - 240 VAC, 50/60Hz, Class II*	
Cleaner power supply voltage		30 V DC	
Maximum power input		150 W	
Cable length		25 m	30 m
Cleaner weight		15.3 kg	15.7 kg
Suction width		270 mm	
Maximum operating depth		4 m	
Power supply protection rating		IPX5	
Cleaner protection rating		IPX8	
Frequency bands		2,412GHz - 2,484GHz	
Radiofrequency emission power		+20dBm	
Remote control		Bluetooth 2.4Ghz	

* Class II: appliance with double insulation or reinforced insulation that does not require grounding.

1.2.2. Marking
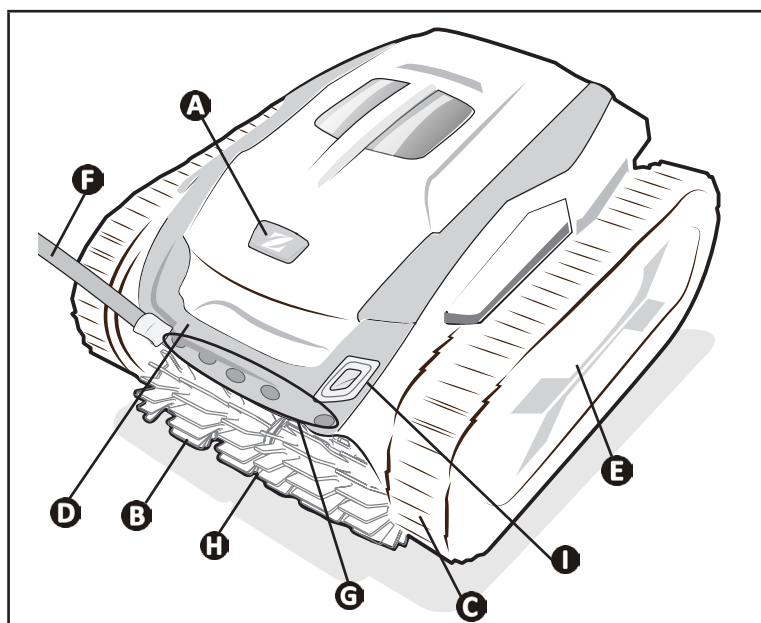
A: Filter access hatch lock

B: Brushes

C: Tracks

D: Transport and remove-from-pool handle

E: Flange and wheels

F: Floating cable

G: Sensors (for 8 700 iQ models only)

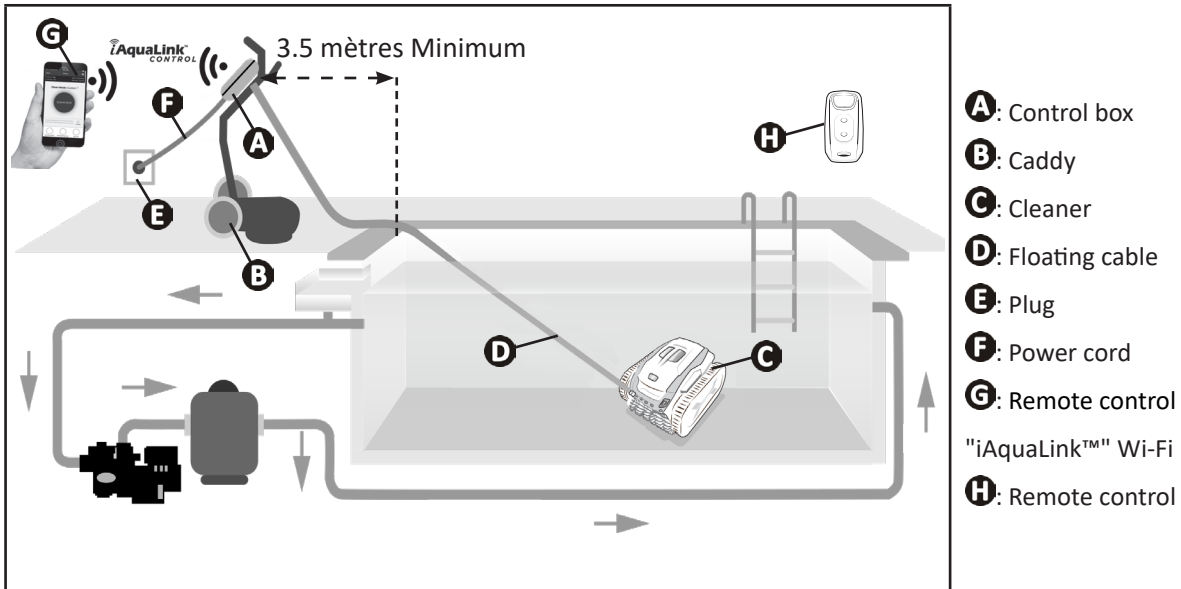**H**: Centre bridge (between the two brushes)

I : Sensor LED

❯ 1.3. Operating principle

The cleaner is separate from the filtration system and can function independently. It just simply needs to be connected to the mains power supply.
It finds the best route to move around and clean the areas of the pool for which it has been designed (bottom, walls, waterline). Debris is sucked in and stored in the cleaner's filter.
The cleaner can be used:
- via the control box supplied with the cleaner,
- via the remote control (depending on the model),
- or via a smartphone or a tablet compatible with the iAquaLink™ application (see § "3. Using the iAquaLink™ app").

3.5 mètres Minimum

A: Control box
B: Caddy
C: Cleaner
D: Floating cable
E: Plug
F: Power cord
G: Remote control
"iAquaLink™" Wi-Fi
H: Remote control

❯ 1.4. Pool preparation

⚠ • **This product is intended to be used in pools which are permanently installed. Do not use it in pools which may be dismantled. A permanent pool is built into the ground or on the ground and cannot be easily dismantled and stored.**

• The appliance must operate in pool water with the following properties:

Water temperature	Between 15°C and 35°C
pH	Between 6.8 and 7.6
Free chlorine	< 3 mg/ l

• When the pool is dirty, especially when commissioning, remove the largest debris using a net in order to optimise the appliance's performances.
• Remove any thermometers, toys and other objects that might damage the appliance.

## ❯ 2.1. Immersing the cleaner in the pool

⚠ • **Before the first use, remove the wedge between the robot cover and the filter holder.**

ℹ️ • When using the cleaner for the first time or when it comes out of winter storage, use the fine debris filter (150 μm) only.
• After the first use, you can use the dual filtration (150 μm filter + 60 μm filter).

1. Roll out the full length of the cable alongside the pool to avoid the cable becoming entangled during immersion**.**
2. Position yourself halfway along the length of the pool before immersing the cleaner. This will optimise the cleaner's movements and reduce tangling in the cable.
3. Place the cleaner vertically into the water.
4. Move it slightly in all directions so that the air contained in the cleaner escapes.
5. It is essential that the appliance sinks on its own and settles on the pool bottom. While it is immersed, the cleaner draws the length of cable it needs into the pool.

❶

❷

not recommended

Recommended entry point

❸

❹

❺
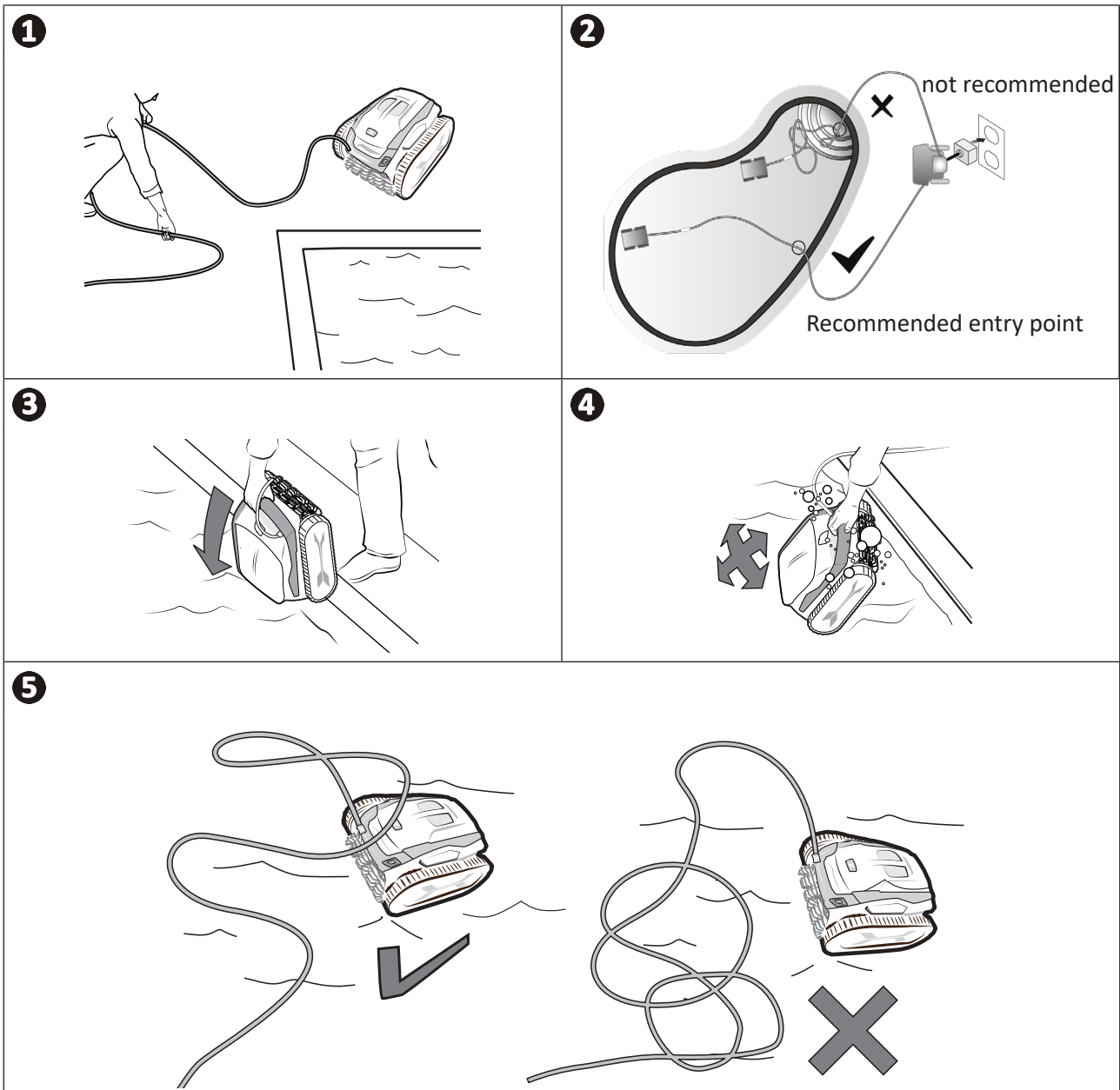
⟩ 2.2. Electricity supply connection

> ⚠ In order to avoid any risk of electrocution, fire or serious injury, please follow the instructions below:
> - Use of an electrical extension is prohibited when connecting the control box.
> - Make sure that the socket can be easily accessed at all times and is protected from rain or splashes.
> - The control box is splash-proof, but must not be immersed in the water or any other liquid. It must not be installed in a floodable area; keep it at least 3.5 metres away from the edge of the pool and avoid exposing it to direct sunlight.
> - Place the control box near the socket.

1. Unscrew the protective cap.
2. Connect the floating cable to the control box and lock it into place by turning it clockwise (to avoid damaging the floating cable).
3. Make sure that the connector is fully pushed in so that no water can get in.
4. Connect the power cord. Only connect the control box to a power outlet protected by a 30 mA maximum residual current device **(if in doubt contact a qualified technician).**
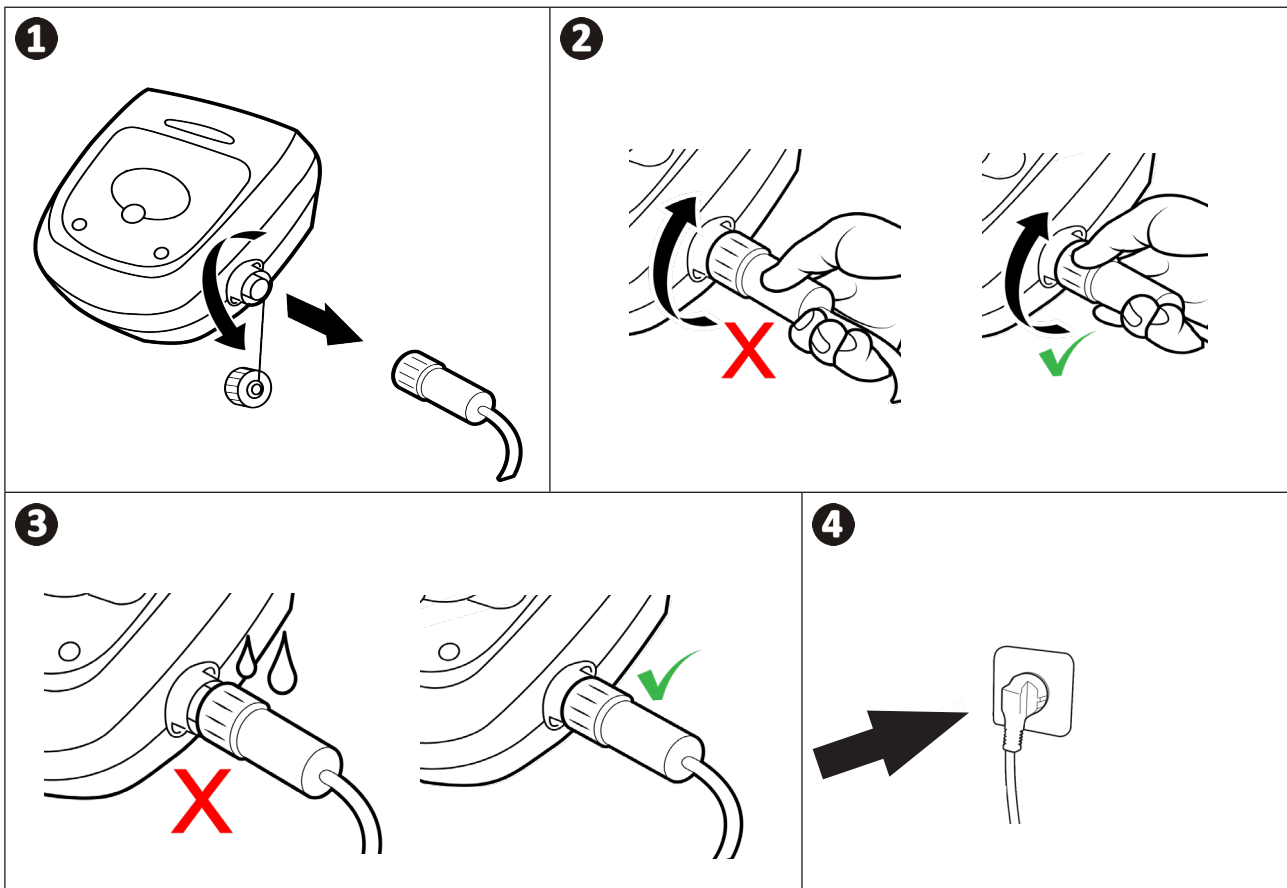
❯ 2.3. Control box functions
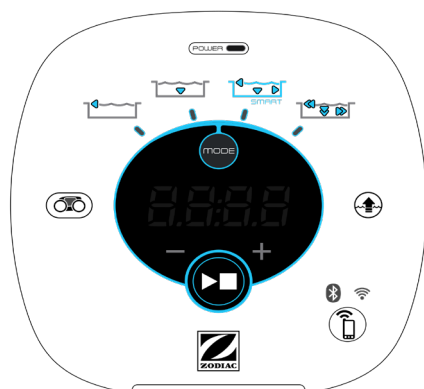
Symbol	Description
	Starting/Stopping the appliance
+	Start delayed
	Set up the iAquaLink™ connection
	Bluetooth™ connection status
	Wi-Fi connection status
	"Lift System" remove from pool mode
	Choose a cleaning mode
	Bottom only mode
	Smart Mode (optimised cleaning of the bottom, walls, and waterline)
	Intensive Bottom, Walls and Waterline Mode
	Waterline only mode
	Reduce or increase the cleaning time (+/- 15 minutes)
	"Filter full" indicator
POWER	Information LED
Er : 03	Error codes or messages display

❯ 2.4. Starting a cleaning cycle

⚠️ **In order to avoid any risk of injury or material damage, please follow the instructions below:**
- **Bathing is prohibited when the appliance is in the pool.**
- **Do not use the appliance during a shock chlorination. Wait until the chlorine level has reached the recommended value before immersing the cleaner.**
- **Use preferably the Bottom only mode if a roller shutter is closed.**

- When the control box is powered up, the following symbols light up to indicate:
  - The action in progress
  - The cleaning mode selected
  - Maintenance required
- The control box switches to standby after 5 minutes, the screen and the LEDs are switched off. Press any key to exit standby mode. Standby mode does not stop the appliance if it is in a cleaning cycle.

2.4.1. Choice of cleaning mode

- By default, **Smart mode** is the preselected cleaning mode (cleaning the bottom, sides, waterline over an optimised time based on the pools' dimensions).
- The first Smart mode cycle that is launched is for the cleaner to survey the pool at the same time that it cleans during a 2h30 cycle. During this first cycle **"AUTO/2h30"** is displayed on the control box. At the end of this cycle, the optimal cleaning time is calculated. Do not interrupt the first SMART cycle.
- This optimal time is then saved and becomes the default cleaning time for the subsequent cycles run in Smart mode. The control box then displays the calculated optimal time.

- To reset Smart mode, press and hold the button for 5 seconds. Start a new cycle in Smart mode so that the cleaner recalculates the optimal cleaning time.
- The cleaning cycle can be modified before the appliance starts or while it is operating. The new mode will be started immediately and the remaining time from the previous cycle will be cancelled.

- Press (MODE) :

  - **- Bottom only mode (1h15) :**

  - **- Smart Mode (optimised cleaning of the bottom, walls, and waterline) (optimal time) :**

  - **- Intensive Bottom, Walls and Waterline Mode (2h45) :**

  - **- Waterline only mode (45 min) :**

- Press to start the cleaning cycle.

ℹ️ **Tip to improve cleaning performance**
At the start of the bathing season, launch several cleaning cycles in bottom only mode (after removing the large debris with a net).
Regular use of the cleaner (without exceeding 3 cycles per week) means that your pool will always be clean and the filter less clogged.

2.4.2. Adjusting the cleaning time

- You may reduce or increase the time for the cleaning cycle selected or in progress:

  - ➖ **: Reduce by 15 minutes.**

  - ➕ **: Increase by 15 minutes (the cycle lasts 6 hours maximum).**

2.4.3. Using the Start delayed

- When the cleaning mode has been selected, press ⬤ and ➕ at the same time.

- The control box displays the duration. This duration can be adjested pressing ➕ and ➖ .

- Press ⬤ to start a cycle. The cleaning cycle will start at the end of the scheduled duration.

❱ 2.5. Meaning of the sensor LED

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LED status	Blue	Green	Orange	Off
Steady	Cleaning cycle activated	"Lift System" or "Spot Clean" function activated	Filter full	No current cycle or error
Flashing	Cycle in progress, pool analysis, or finishing phases	Remote control function activated	N/A	

❱ 2.6. The remote control

⚠
- **Operating temperature: 10°C to 40°C.**
- **Warning: Risk of explosion if the battery is replaced by a different type of battery, exposure to extreme conditions, or mishandling.**
- **Respect the battery polarity.**
- **Do not recharge the battery, dismantle it, or throw it onto a fire.**
- **Do not expose it to high temperatures or direct sunlight.**
- **Disposal of a battery in a fire or hot oven, or crushing mechanical or cutting of a battery, likely to cause an explosion**

2.6.1. Switching the remote control on and off

- To switch on, press ⏻ .
- To switch off, press and hold ⏻ .

ℹ
Tip: Improve the remote control reception
The frequency of the flashing of the led located on the remote control indicates the reception quality. If the LED flashes quickly, reception quality is OK.
For the best communication between the control box and the remote control:
- Position the control box on the caddy,
- Turn the control box towards the pool,
- Removal all large obstacles between the control box and the pool.

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2.6.2. Pairing the remote control with the control box

The remote control must be paired with the control box.
To pair the remote control with the control box, do the following:
1. Switch on the remote control by pressing ⏻.

2. Connect the control box to the main power supply.
3. On the control box, simultaneously press ➕ and ➖ .

4. Check that pairing was successful by observing the control box display:

Display on the control box	Result
PAIR	Pairing in progress.
GOOD	Pairing successful.
FAIL	Repeat the pairing process.

2.6.3. Piloting the cleaner

• The remote control is equipped with movement sensors to direct the cleaner:
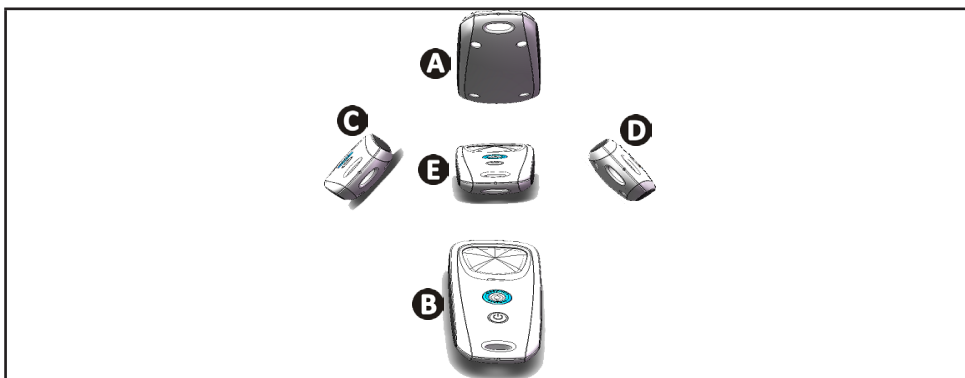
Ⓐ Forwards
Ⓑ Backwards
Ⓒ Left turn
Ⓓ Right turn
Ⓔ Stop

2.6.4. Removing the cleaner from the water (depending on the model)

• Press ⬤ . The cleaner moves toward the wall and climbs up to the waterline.

2.6.5. Installing / changing the batteries

• Use AAA Alcaline 1.5V or AAA Lithium 1.5V batteries.
To install or change the batteries, do the following:
   - Unscrew the 4 screws securing the cover with a cruciforme screw driver,
   - Remove the two batteries,
   - Insert the new batteries, respecting the polarity indicated on the holder and on the batteries,
   - Replace and tighten the 4 screws.

## ❷ 2.7. Removing the cleaner from the water

⚠️ • **To prevent damaging the equipment, use only the handle to remove the appliance from the pool.**

2.7.1. "LIFT SYSTEM" automated function

The "Lift System" function was designed to facilitate removing the cleaner from the water. It may be activated at any time, during or at the end of a cleaning cycle via the button ⬆️ on the control box or the remote control.

- If necessary, press and hold the button ⬆️ to direct the cleaner towards the required wall, the cleaner pivots.

  When facing the right wall, release the button. The cleaner moves towards the wall.

- Or just briefly press the button ⬆️ to move it towards the opposite wall.

- The cleaner climbs the wall and stays at the waterline (see image ❶).

- Use the handle to take it out of the water. The cleaner expels water through a rear jet to make it lighter (see image ❷).
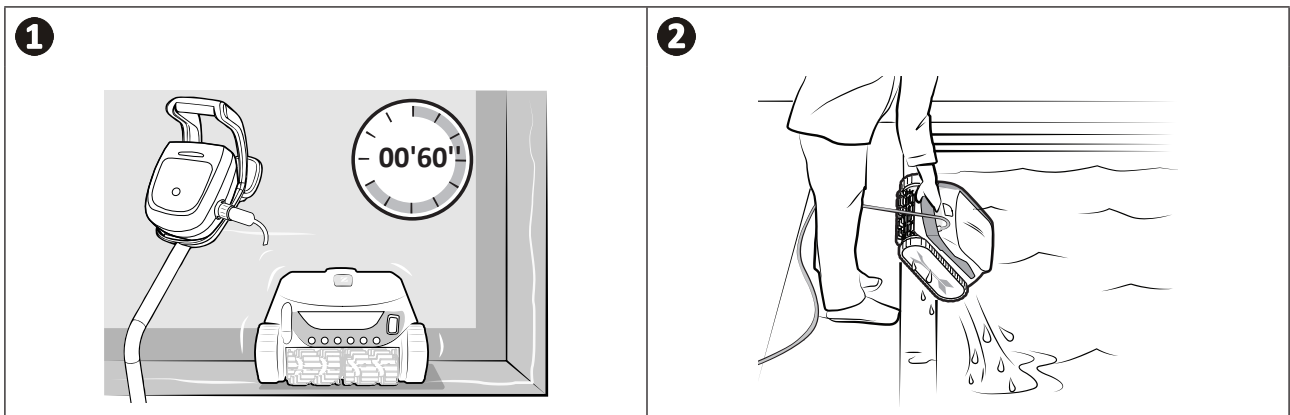
2.6.2 Manually

- Switch off the appliance by pressing ⏯️ .

- Bring the cleaner to the edge of the pool by gently pulling on the floating cable.

- When possible, pick up the cleaner by the handle and lift it gently out of the pool so that the water it contains drains into the pool.
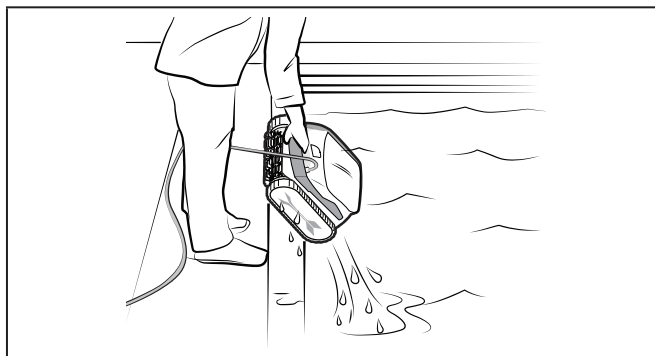
❯ 2.8. Good practices after each cleaning operation

### 2.8.1. Clean the filter as soon as the appliance is out of the pool

> ⚠️ • **The cleaner's performance may be reduced if the filter is full or dirty.**
> • **Clean the filter in clean water as soon as the appliance is removed form the pool after each cleaning cycle. Do not wait for the debris to dry.**

• After each cleaning cycle, follow the steps for cleaning the filter, **see § "4.2. Clean the filter as soon as the appliance is out of the pool".**

2.8.2. Lay out the cable to reduce tangling

The appliance's behaviour is strongly impacted by the tangling of the cable. A cable that is correctly untangled will guarantee better coverage of the pool.

• Untangle the cable and lay it out in the sun so that it returns to its original shape.
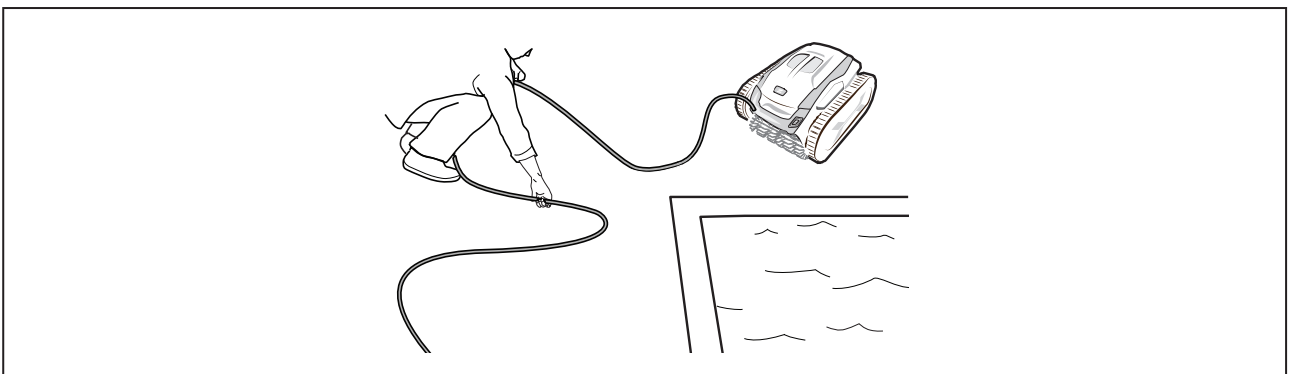
2.8.3. Storing the cleaner and cable

• Screw the protective cap back on if you unplug the control box power cord.
1. Place the cleaner vertically at the location provided on the caddy for it to dry out quickly. Roll up the cable carefully and place in on the caddy handle**.**
2. Store all elements away from direct sunlight, humidity, and the elements, as well as any splashes. A protective cover is available as an option**.**
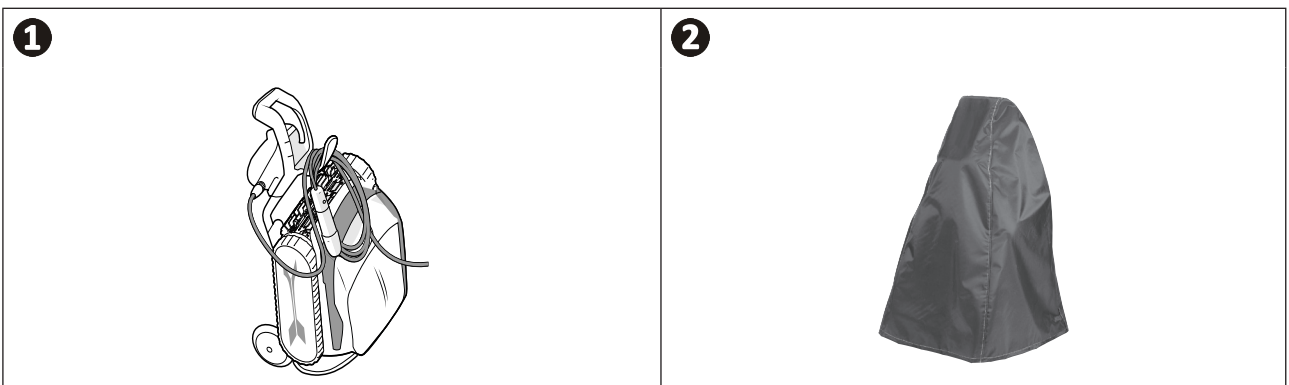
3. Using the iAquaLink™ app

◗ 3.1. Operating principle

Mobile device
(smartphone or tablet)

Home Wi-Fi
network

Cleaner
control box

Cleaner

Internet
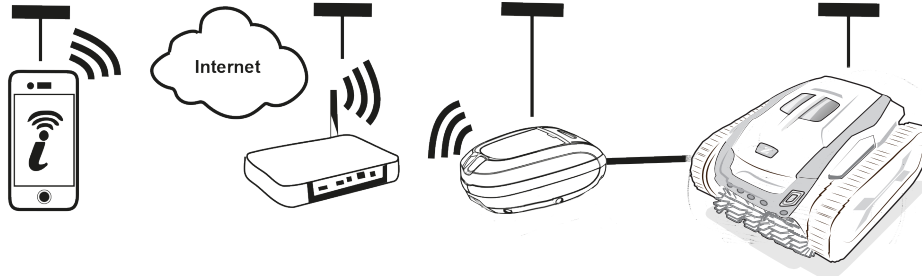
The iAquaLink™ app is available for iOS and Android systems.
With the iAquaLink™ app, you can control the cleaner from any location at any time and have the benefit of advanced functions such as additional programming and troubleshooting assistance.
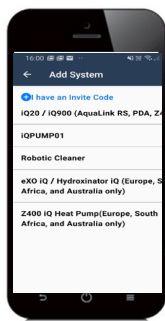
◗ 3.2. First-time cleaner configuration

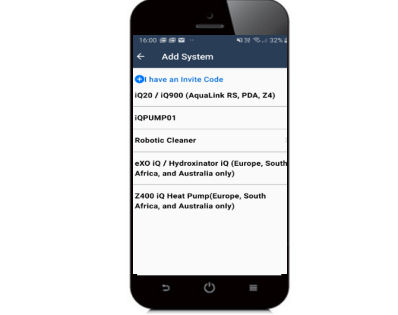**Before you install the app, you must:**
- **Connect the control box to a power outlet,**
- **Immerse the cleaner in the pool,**
- **Use a Wi-Fi-enabled smartphone or tablet,**
- **Use a Wi-Fi network with a reasonably strong signal when connecting to the cleaner's control box: The Wi-Fi signal must be detectable at the place where the cleaner is used. If this is not the case, a technical solution must be provided to amplify the existing signal.**
- **Have your home Wi-Fi network password at the ready.**
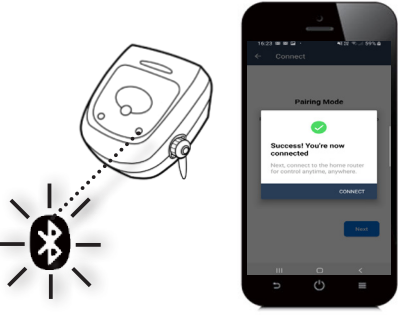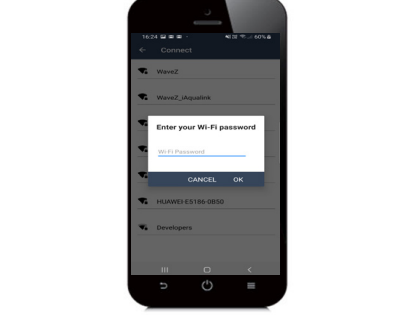
- Download the iAquaLink™ app from the App Store (iOS) or Google Play Store (Android).

❶	❷	❸
• Log in or register.	• Press the **✚** icon to add a new appliance.	• Select "**Robotic Cleaner**".

❹

- Press the button ⬜ on the control box to enable Bluetooth**™** and start the pairing process.

❺

- The LED flashes during the pairing process.
- A message is displayed on the screen to confirm that the Bluetooth**™** connection has been made between the control box and the smartphone. The LED stops flashing. (*)

❻

Home Wi-Fi network

- Select the home Wi-Fi network.

❼

Enter your Wi-Fi password

Wi-Fi Password

CANCEL   OK

- Enter your Wi-Fi password.

❽

Success! The system is now connected to the home router

Ok

- The LED flashes during the pairing process.
- A message is displayed on the screen to confirm that the Wi-Fi connection has been made between the control box and the home router. (*)
- The LED stops flashing and the LED goes out.

❾

Add System

I have an Invite Code

iQ20 / iQ900 (AquaLink RS, PDA, Z4)

iQPUMP01

Robotic Cleaner

eXO iQ / Hydroxinator iQ (Europe, South Africa, and Australia only)

Z400 iQ Heat Pump(Europe, South Africa, and Australia only)

- Choose your own name for the cleaner to easily identify it.
- From the **"My Appliances"** page, click on the cleaner to access the control functions via the iAqualink**™** app.

(*): If an error message appears or if the connection still isn't made, refer to the table§ "5.3. Troubleshooting the connection to the iAquaLink™ app".

❯ 3.3. Functions available in the app

Symbol	Description
▶ ■	Starting/Stopping the appliance
	"Lift System" remove from pool mode
	Choose a cleaning mode
	Bottom only mode
	Smart Mode (optimised cleaning of the bottom, walls, and waterline)
	Intensive Bottom, Walls and Waterline Mode
	Waterline only mode
+ −	Reduce or increase the cleaning time (+/- 15 minutes)
	"Filter full" indicator
	Remote control mode
	Spot Clean (targeted cleaning of 1m²)
	Cleaning cycle programming over 7 days
● 21°	Water temperature display

functions may change depending on updates to the app.

❯ 3.4. Control using the app

⚠️ **Before controlling the cleaner with the app, you must:**
- **Connect the control box to a power outlet,**
- **Immerse the cleaner in the pool.**

3.4.1. Programming and controlling cleaning cycles

From the application:

- **Start/stop cleaning;**
- **View the current cycle's remaining cleaning time** (displayed in hours and minutes);
- **Increase/Reduce the cleaning time** by 15-minute sequences;
- **Choose the pre-saved cleaning modes**

- The new cleaning mode will take effect for the cleaning cycle in progress and all future cycles.
- The cleaning cycle time may vary depending on the selected settings.

- **Schedule cleaning cycles (days and hours)**; Cleaning cycles may be programmed to repeat, only one program can be set per day;
- **Check the pool's temperature** during the cleaning cycle;

The cleaner measures the water temperature while operating.

- When the cleaner is at the bottom of the pool, it is normal for there to be a temperature difference between that measured by the cleaner and that measured by a thermometer placed at the pool's surface or measured by another appliance.

3.4.2. "Lift System" function for helping to remove the cleaner from the water

- **Only activate the Lift System function if the cleaner is in view.**

- From the app, press to use the Lift System function (see **§ "2.7.1. "LIFT SYSTEM" automated function"**).
- Press the arrows to rotate the cleaner left or right.
- When the cleaner is facing the right wall, press the button to bring the cleaner to the wall.

3.4.3. Remote control

The cleaner can be controlled using your smartphone or tablet as a remote control.

- **Use the remote control mode only if you have the cleaner within view.**

- **2 modes are available** for piloting the cleaner:

   "Joystick mode": Press the icons to move the cleaner **forwards and backwards** and to turn **left or right.**

   "Kinetic mode": Control the cleaner by tilting the mobile device **upwards** (backwards movement), **downwards** (forward movement), **to the left** (turn left), **to the right** (turn right)**.**

- **For cleaning a specific area,** use the **"Spot Cleaning"** function**:** after this function is activated, the cleaner cleans a 1m² area directly in front of it.

- If the cleaner is relatively slow to respond to an action requested in the app, check the Wi-Fi network signal, **see§ "3.2. First-time cleaner configuration".**

3.4.4. Error messages

- If an error is detected, a warning symbol will be displayed .

Press the warning symbol to display the troubleshooting solutions, **see § "5.2. User alerts".**

Select **Clear Error** if you think you have solved the problem, or select **OK** if you want to leave the cleaner in error mode and troubleshoot the problem later.

3.4.5. Settings Menu

Some of the cleaner's settings can be modified at any time by pressing the **Settings** icon.

✏ 4. Maintenance

> ℹ️ • **Tip :** To ensure the longest possible lifetime for the cleaner, inspect all of the parts for which servicing is detailed in the § "4. Maintenance" section, once a month.

> ⚠️ **To avoid serious injury:**
> • **Disconnect the cleaner from the power supply.**

❯ 4.1. Cleaning the cleaner

• The appliance must be cleaned regularly using clean or slightly soapy water. Do not use solvents.
• Rinse the appliance thoroughly with clean water.
• Do not let your appliance dry in the sun by the pool.

> ℹ️ **Tip: replace the filter and brushes every 2 years**
> You are encouraged to change the filter and the brushes every 2 years to preserve the integrity of the appliance and guarantee optimum performance.

❯ 4.2. Clean the filter as soon as the appliance is out of the pool

> ℹ️ • The cleaner's performance may be reduced if the filter is full or dirty.
> • Clean the filters with clean water after each cleaning cycle.
> • If the filter is blocked, clean it with an acid solution (spirit vinegar, for example). It is recommended that you do this at least once a year, since the filter will clog if not used for several months (winterising period).
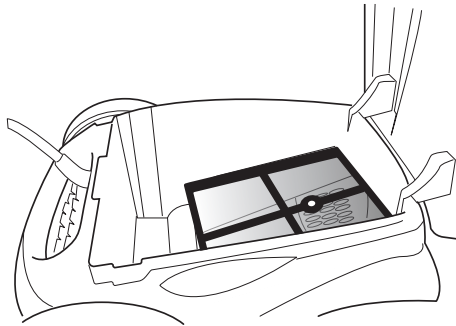
❻
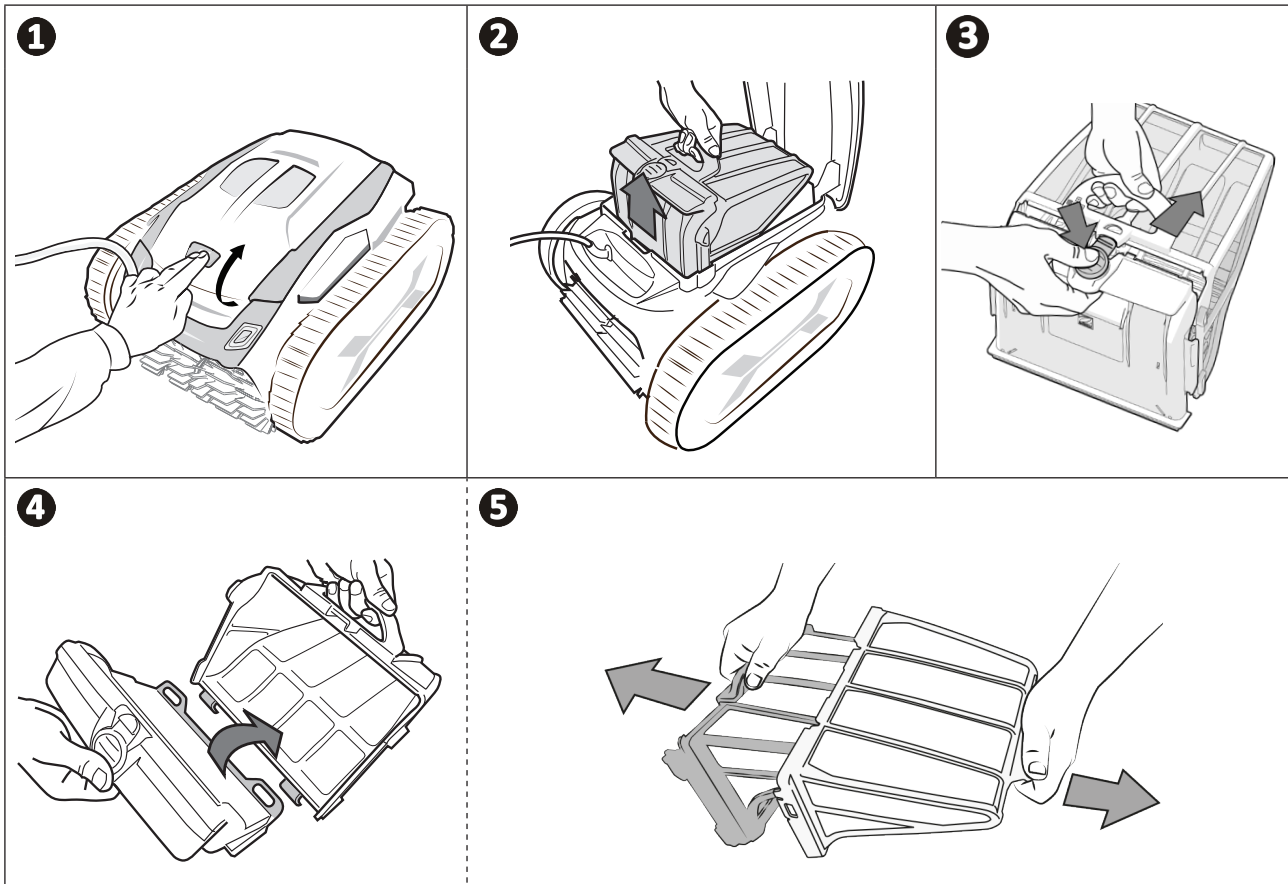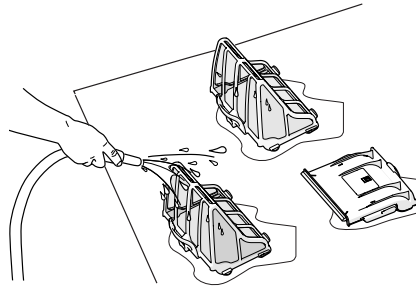
ℹ️ **Tip: Check the status of the "filter cleaning" indicator** 🔘
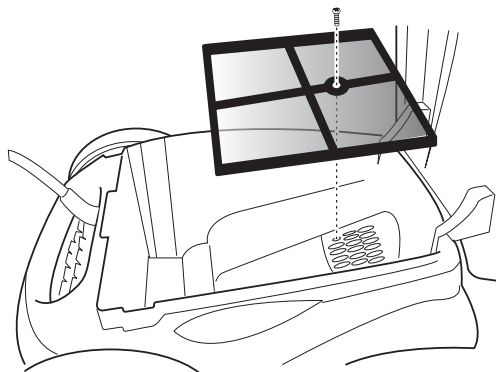When the LED is lit, it is strongly recommended that you clean the filter.

❯ 4.3. Cleaning the pump filter

Clean the filter with a brush to remove any hair or debris.

If the filter is clogged, do the following:
1. Loosen the pump filter screw.
2. Remove the filter.
3. Clean the filter with clear water.
4. Screw the filter back on.

❯ 4.4. Cleaning the brushes and the centre bridge

⚠️ • **The performance of the appliance may diminish if the brushes are too dirty or if debris or objects become trapped in the centre bridge (between the two brushes).**

- Clean the brushes and the centre bridge in clean water as soon as the appliance is removed from the pool after each cleaning cycle. Do not wait for the debris to dry.
- Remove any object or debris trapped between the two brushes.
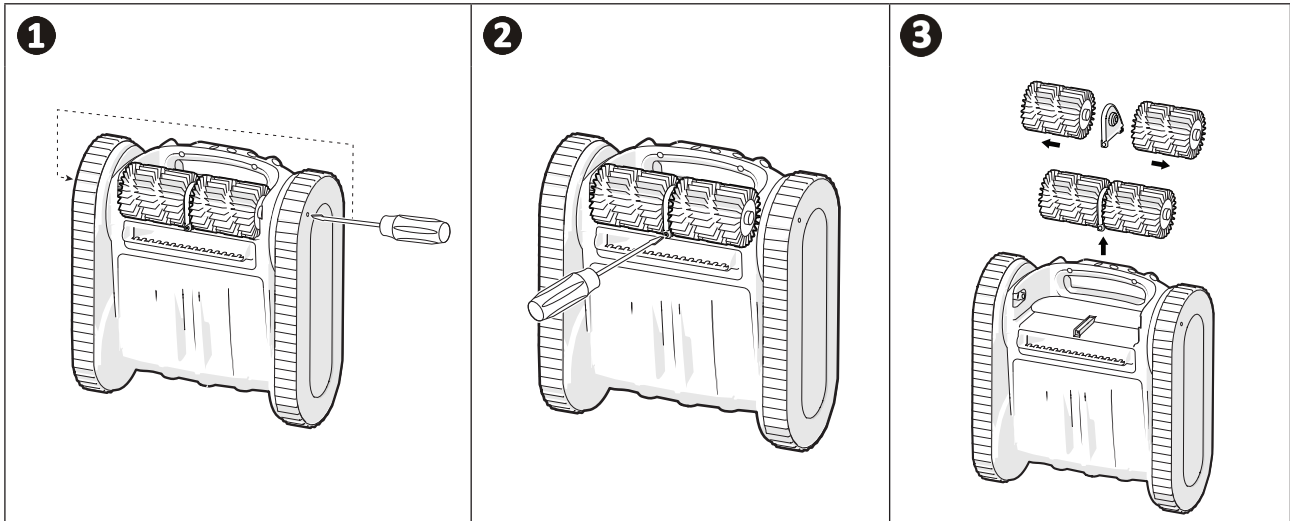
❷ 4.5. Removing and reassembling brush holders

Brush supports must be dismantled and reassembled in the following cases:
- if hair or debris prevents the robot from operating correctly (robot movement, climbing the pool sides)
- if you encounter error codes 05 or 06 (see § "Er : 05" and § "Er : 06").

Removing brush holders
1. Loosen the 2 screws on each side of the wheels.
2. Loosen the screw on the center bridge.
3. Remove brush holders.

Reassembling brush holders
1. Assemble the 2 brush holders.
2. Position the brush holders between the wheels.
3. Tighten the screw on the center bridge.
4. Tighten the 2 screws on each side of the wheels.
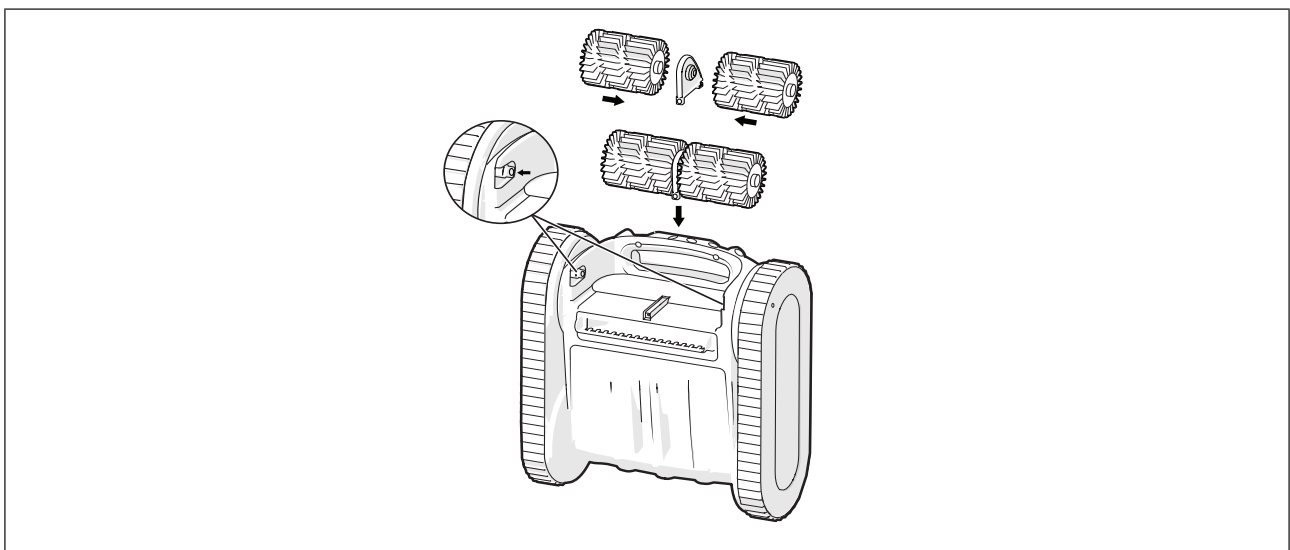
❯ 4.6. Cleaning the propeller

> ⚠️ **To avoid serious injury:**
> - **Disconnect the cleaner from the power supply.**
> - **Wear gloves when maintaining the propeller** 🧤 .

Cleaning the propeller is an occasional operation that should be carried out in specific cases (loss of suction, robot slowdown, waterline cleaning problem).

1. Loosen the pump filter screw and remove the filter.
2. Remove the grid.
3. Remove the flow guide carefully.
4. To remove the propeller, wear gloves and hold the end of the propeller carefully when pushing it.
- Remove all debris (hair, leaves, stones, etc.) which may be blocking the propeller.
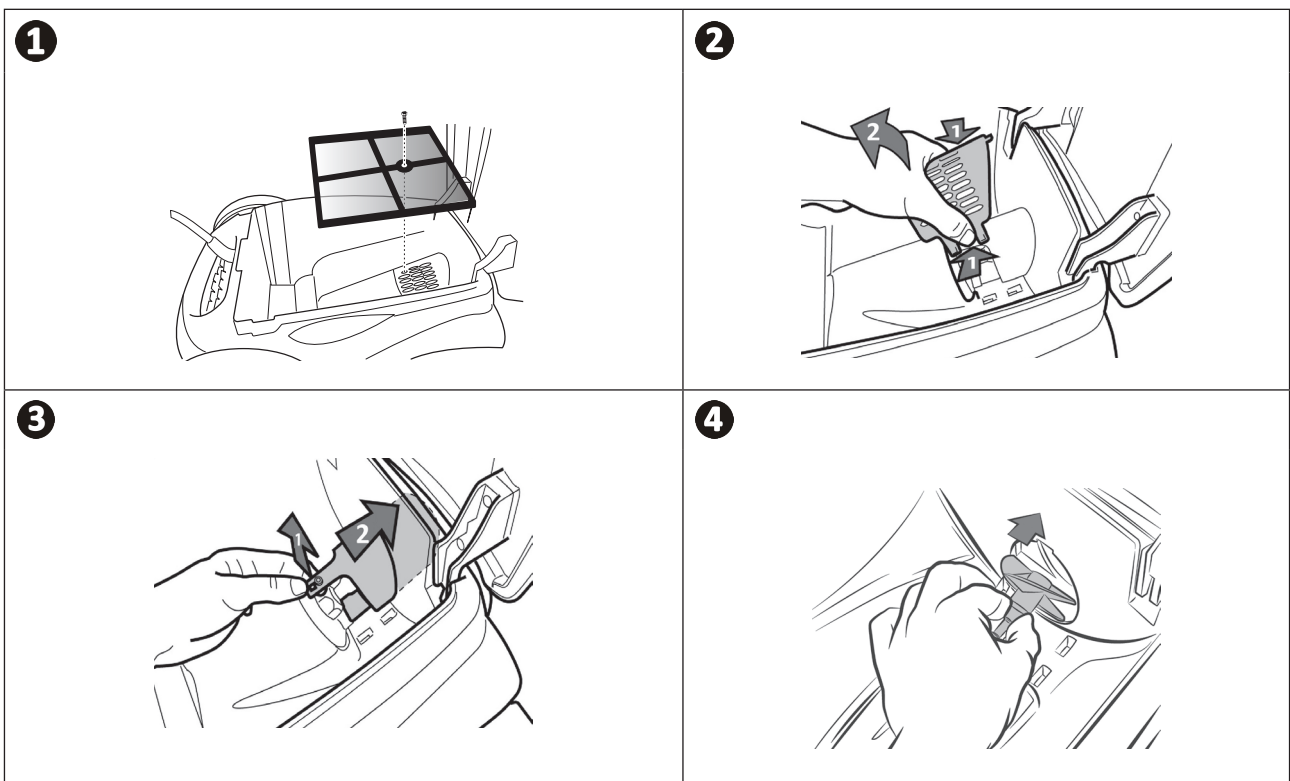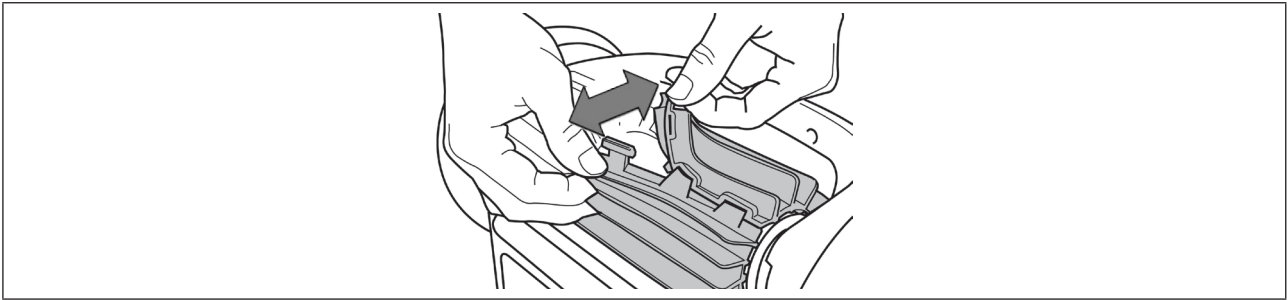
❯ 4.7. Replacing the brushes

Are the brushes worn?

- Replace the brushes if the wear indicators are similar to example **B**:
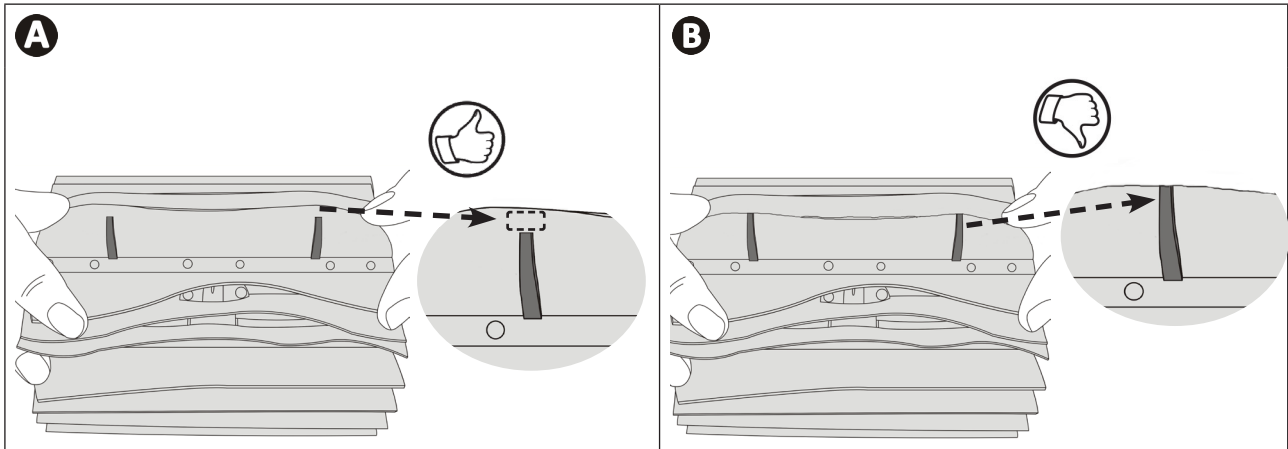
Remove the worn brushes

- Remove the tabs from the holes inside which they are fastened, then remove the brushes.

**Position the new brushes.**

1. Fit the side without tabs under the brush holder**.**
2. Roll the brush around its support, slide the tabs into the attachment holes and pull on the end of each tab until its edge passes through the slit.
3. Cut the tabs using a pair of scissors for them to be level with the other blades**.**
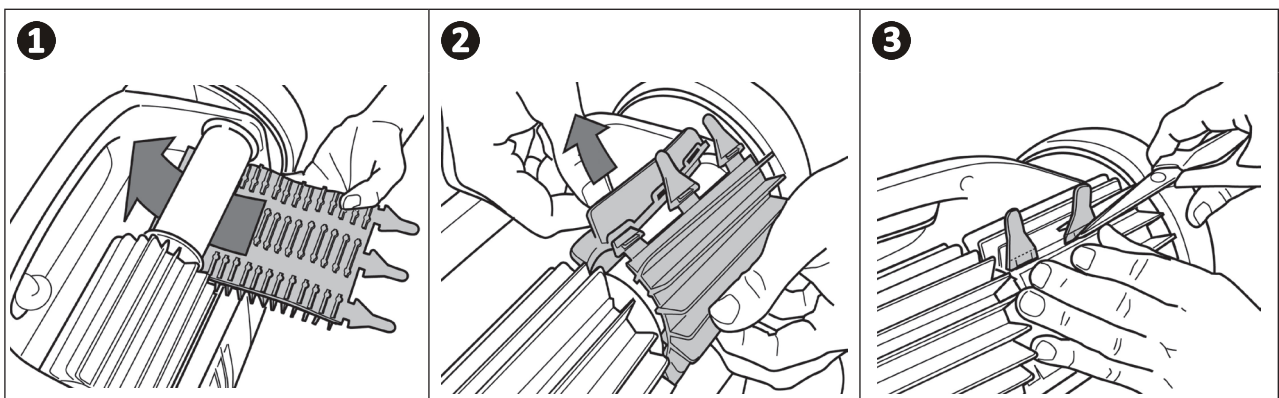
❯ 4.8. Replacing the tracks

1. Pull on the inside of the old track to remove the track lip from the front wheel.
2. Remove the old track from the front wheel, then remove track from the rear wheel.
3. To replace the track, position the track on the wheels.
4. Push one side of the track onto the wheel and fit the rib of the track in the groove of the wheel.
5. Work the track onto the front wheel and verify the rib of the track is positioned properly within the groove of the wheel.
6. Push and position the rib of the inner side of the track in the groove of the rear wheel. If needed, turn the wheel gently to help with installation.
• Work the track onto the rear wheel and verify the rib of the track is positioned properly within the groove of the wheel.
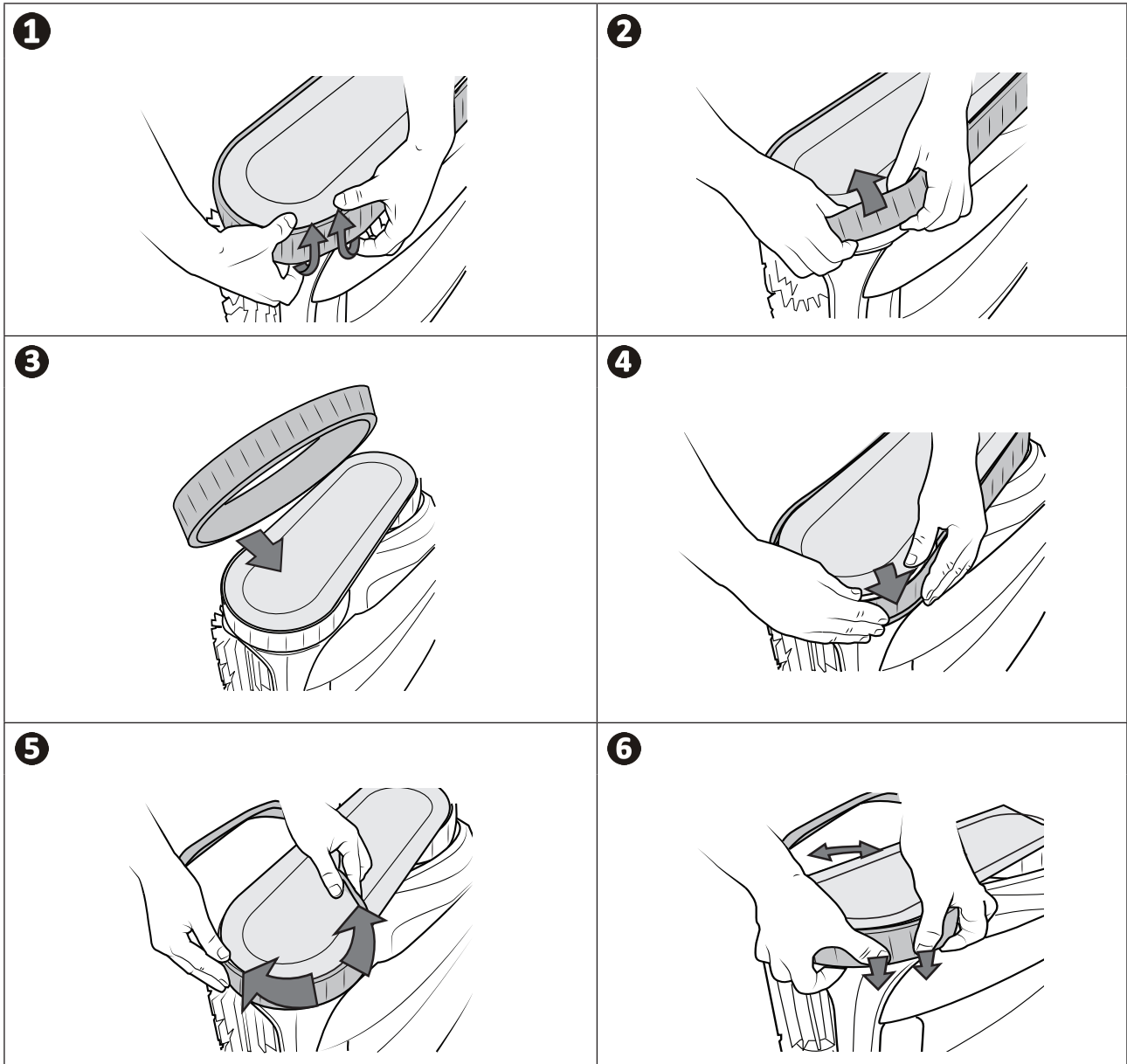
⚠️
- **If a problem occurs, before you contact your retailer, please carry out these few simple checks using the following tables.**
- **If the problem is not resolved, contact your retailer.**
- 🧑‍🔧 **: Actions to be performed by a qualified technician only.**

❂ **5.1. Appliance behaviour**

Part of the pool is not correctly cleaned	• Repeat the immersion steps (see § "2.1. Immersing the cleaner in the pool") varying the immersion location until you find the right place in the pool. • The filter is full or clogged: clean it (see § "4.2. Clean the filter as soon as the appliance is out of the pool" and § "4.3. Cleaning the pump filter").
The appliance does not stay firmly on the pool bottom	• There is still air in the appliance's casing. Repeat the immersion operations (see § "2.1. Immersing the cleaner in the pool"). • The filter is full or clogged: clean it (see § "4.2. Clean the filter as soon as the appliance is out of the pool" and § "4.3. Cleaning the pump filter"). • The propeller is damaged: 🧑‍🔧
The appliance does not or no longer climbs the pool sides as it originally did.	In Bottom/Walls/Waterline mode, the cleaner does not systematically climb the walls. The frequency varies during the cycle. It is normal that the cleaner does not necessarily climb at the beginning of the cycle. You will have to observe the cleaner for about 20 minutes to determine if it has stopped climbing the walls. • Check that the Floor/Walls/Waterline mode is chosen (see § "2.4.1. Choice of cleaning mode" and § "4.3. Cleaning the pump filter"). 🧑‍🔧 • The tracks are slack: Contact your retailer to replace them : 🧑‍🔧 • Even though the water seems clear, microscopic algae are present in your pool. They are not visible to the naked eye, and they make the walls slippery and prevent the appliance from climbing. Carry out shock chlorination and slightly reduce the pH. **Do not leave the appliance in the water during shock treatment (see § "4.5. Removing and reassembling brush holders").**
The appliance floats to the surface after reaching the waterline.	• Use tracks without cups (to purchase separately).
The appliance does not move on start-up.	• Check that the control box's power socket is receiving a power supply. • Check that a cleaning cycle has been launched and that the lights are on. • Check that the cleaning cycle hasn't been launched with a delay. If so, a duration is displayed on the control box and the cleaning cycle will start at the end of the scheduled duration (see § "4.5. Removing and reassembling brush holders").
The cleaner does not go straight in the pool or does not tilt	• Tracks may be worn out : Check cups or wear indicator to verify if tracks need to be replaced (see § "4.3. Cleaning the pump filter" and § "4.5. Removing and reassembling brush holders"). • Use tracks with cups on pools with smooth surfaces. Use tracks without cups on pools with non slip surfaces : 🧑‍🔧
The appliance does not collect debris	• The filter is full or clogged: clean it (see § "4.2. Clean the filter as soon as the appliance is out of the pool"). • If the filter remains clogged despite cleaning and cleaning with an acid solution: replace it (see § "4.3. Cleaning the pump filter" and § "4.5. Removing and reassembling brush holders"). • Debris / objects are getting trapped in the centre bridge (between the two brushes) and are not being collected: Clean the brushes and the centre bridge. Clean them regularly. • Debris (mainly sand) is getting trapped in the cover seal: Clean the cover seal. Clean it after every cycle.

The cable gets tangled	• Do not unroll the entire length of the cable into the pool. • Place the required length of cable in the pool and spread the rest along the side of the pool.
The control box does not respond to any button presses.	• Unplug the power cord from the mains socket, wait 10 seconds and plug it back in again.
There is a difference between the temperature displayed in the iAquaLink™ app and the temperature measured by another thermometer or device.	• When the cleaner is at the bottom of the pool, it is normal for there to be a temperature difference between that measured by the cleaner and that measured by a thermometer placed at the pool's surface or measured by another appliance.
The sensor LED is off even though the cleaner is operating.	• Contact the dealer ⚒ to check the condition of the sensor unit.
The remote control does not work	• Switch on the remote control • Check that the remote control is within a 10-m radius of the control box. Ensure there are no large obstacles between the control box and the remote control. • If needed, pair the remote control with the robot (see § "2.6.2. Pairing the remote control with the control box").
The remote control LED is flashing slowly or the LED is steadily lit.	Remote control range problem: • Position the control box on the caddy at least 3.5 metres from the pool. • Orient the control box towards the pool in order to improve the range of the remote control. Ensure there are no large obstacles between the control box and the pool.
The remote control LED is steadily lit.	Pairing problem: Repeat the pairing steps (see § "2.6.2. Pairing the remote control with the control box")
The control box display shows "FAIL" when paired with the remote control.	Pairing problem: • Repeat the pairing steps (see § "2.6.2. Pairing the remote control with the control box") • Check that the remote control is switched on and the control box's power socket is receiving a power supply during the pairing process.

If the problem continues contact your retailer: ⚒

❯ 5.2. User alerts

• The alerts are displayed both on the control box and in the iAquaLink™ app.
• Follow the troubleshooting solutions suggested below; they can also be accessed in the iAquaLink™ app: press ⚠ when an error code appears.

Display on control box		Display in the iAquaLink™ app	Solutions
Error code	Flashing LED POWER ▭		
Er: 01	☼ x 3	Pump motor	• Check that debris or the cable is not preventing the brushes from rotating freely. • Check that nothing is interfering with the cable connection area. • Remove the flange and rotate each wheel by a quarter of a turn in the same direction until it rotates smoothly • If this fails to solve the problem, contact your retailer for a full diagnosis.
Er: 02 Er: 03	☼ x 2	Right traction motor Left traction motor	
Er: 04	☼ x 3	Pump motor consumption	• Check that no debris or hair is blocking the propeller. • Clean the filter thoroughly. • If this fails to solve the problem, contact your retailer for a full diagnosis.

Error code	Flashing LED	Description	Solutions
Er: 05 Er: 06	☼ x 2	**Right traction motor consumption** **Left traction motor consumption**	• Check that debris in the tracks or the brush system or the cable is not preventing the brushes from rotating freely (see § "4.5. Removing and reassembling brush holders"). • Check that nothing is interfering with the cable connection area. • Remove the flange and rotate each wheel by a quarter of a turn in the same direction until it rotates smoothly • If this fails to solve the problem, contact your retailer for a full diagnosis.
Er: 07 Er: 08	☼ x 3	**Cleaner out of the water**	• Turn the cleaner off. • Clean the filter thoroughly. • Put it back in the water, shaking to release the air bubbles. • Restart the cycle. • If this fails to solve the problem, contact your retailer for a full diagnosis.
Er: 10	☼ x 1	**Communication**	• Disconnect and reconnect the cleaner. • Check that the cable is properly connected to the control box. • Check that nothing is interfering with the cable connection area. • If this fails to solve the problem, contact your retailer for a full diagnosis.
Er: 11	☼ x 4	**Sensor unit**	• Contact the dealer to check the condition of the sensor unit.

Display on control box		Display in the **iAquaLink™** app	Solutions
Error code (depending on the model)	Flashing LED (depending on the model) POWER ▬		
Er: 12	☼ x 5	**Update failed or incomplete**	• Disconnect the control box for at least 15 seconds. • Close the iAquaLink™ app. • Connect the control box to the cleaner. • Connect the control box. • Check that the control box is connected to the Wi-Fi network (The LED 📶 is on). • If the "PrOG" message is not displayed or if the LED POWER ▬ does not flash quickly, open the iAquaLink™ app, select the cleaner and click "Update".
PrOG	☼ **Very fast**	**Update in progress**	• Wait for the update to complete. • Do not disconnect the control box.
N/A	N/A	**Connection error**	• Check the status of the Bluetooth/Wi-Fi LEDs on the control box and follow the steps described in the table § "5.3. Troubleshooting the connection to the iAquaLink™ app".
N/A	N/A	**A red dot appears in the "My appliances" list**	• Appliance not plugged in or not connected to the home Wi-Fi network. If the dot is red when the control box is plugged in and if the Bluetooth/Wi-Fi icons are lit up, refresh the screen (by swiping downwards). • If the dot turns green: the appliance is ready for use.

If the problem continues contact your retailer: 🕵️

<u>**Deleting an error code**</u>

Using the control box:

- After following the troubleshooting solutions, press any key to delete the error code (except the (📱) button.

From the iAquaLink™ app:

- After following the troubleshooting solutions, press **Clear Error** or **OK** to perform the steps involved in this solution at a later time.

❯ 5.3. Troubleshooting the connection to the iAquaLink™ app

Control box status	Possible causes	Solutions
• The LED 📶 flashes.	• The control box is connected to the router but not to the cloud server (LAN connected, WEB not connected).	Contact your Internet service provider. • Disconnect the home Wi-Fi router for 10 seconds. Re-connect it and see whether the LEDs come back on. • Check the internet connection - the network may be down.
	• Incompatible 5 GHz router.	• Replace the router.
	• App version obsolete	• Update the app
• All LEDs are off.	• Very high luminosity.	• Cover the appliance to protect it from the sun's rays and check that the light indicators turn on.
	• Control box disconnected.	• Connect the control box (see § "2.2. Electricity supply connection").
	• Power cut.	• Check that there is power to the circuit breaker. • Check that there is power to the socket by connecting another appliance to it.
	• Internet connection lost.	• Check the internet connection - the network may be down.
• The LED 📶 is off. • The LED 📶 is on but the Wi-Fi connection is non-existent (or spotty). The "Connection Error" message is displayed on the screen in the iAquaLink™ app.	• Internet connection lost. • Weak Wi-Fi signal*. • The control box is too far from the home Wi-Fi router.	• Check the internet connection - the network may be down. • Ensure that you have a sufficiently strong Wi-Fi signal. There are several ways to check the strength of the Wi-Fi signal: - Unplug the home Wi-Fi router, then plug it back in. - Using a laptop, go into Configuration Panel to see the status of your network connections. Check the strength of the wireless network signal on the laptop by checking the status of the control box connection. - Install the iAquaLink™ app, using a smartphone or tablet. Check the strength of the wireless network signal on the mobile device by checking the status of the control box connection. If the Wi-Fi network is weak, install a Wi-Fi extender. - Use an app dedicated to analysing the Wi-Fi connection: several are available in iOS or Android. • On initial set-up, place the cleaner's control box as close as possible to the home Wi-Fi router. Do not use an electrical extension (see § "2.2. Electricity supply connection"), then repeat the configuration steps (see § "3.2. First-time cleaner configuration"): - Once the LED 📶 lights up, plug in the control box near the pool. - If the 📶 LED does not light up, plug in the control box again as close to the house as possible. - If the 📶 LED still does not light up, install a Wi-Fi extender.

• The LED 📶 is lit and the **"PROG" "** message is displayed (depending on the model). **A message is displayed in the app.** • The buttons can't be activated. • The ✦ LED is not lit during this operation.	• A software update is in progress.	• Wait for the update to complete. • Do not disconnect the power cable from the cleaner during an update.

ℹ ***There may be several reasons for a weak Wi-Fi signal**
- The distance between the router (box) and the cleaner's control box,
- The type of router (box),
- The number of walls separating the router (box) from the cleaner's control box,
- The Internet service provider,
- etc...

❯ 5.4. Updating connected cleaners

Connected cleaners can be updated with new developed functions or product improvements. Users cannot always see these improvements.

ℹ The cleaner cannot be controlled by the app until the update has been installed.

When an update is available (visible in the iAquaLink™ app, see image ❶) here are some recommendations before you press the start installation button:

• Place the cleaner and the control box as close as possible to the home Wi-Fi router;
• Check the strength of the home WiFi signal.
• Leave the control box connected to the mains and the cleaner connected to the control box until the installation has finished;
• The control box must be connected to the home Wi-Fi network and the iAquaLink™ app must be open.

Start the update:

1. Press the button to start the installation using the iAquaLink™ app;
2. A message is displayed during the update ; a cleaning cycle cannot be started until the update is finished. The update time is usually 10 to 20 minutes;
3. A message is displayed when the update is finished.
4. If there is a problem with the installation an error message is displayed after 60 minutes, see § "5.2. User alerts").

Message

Code
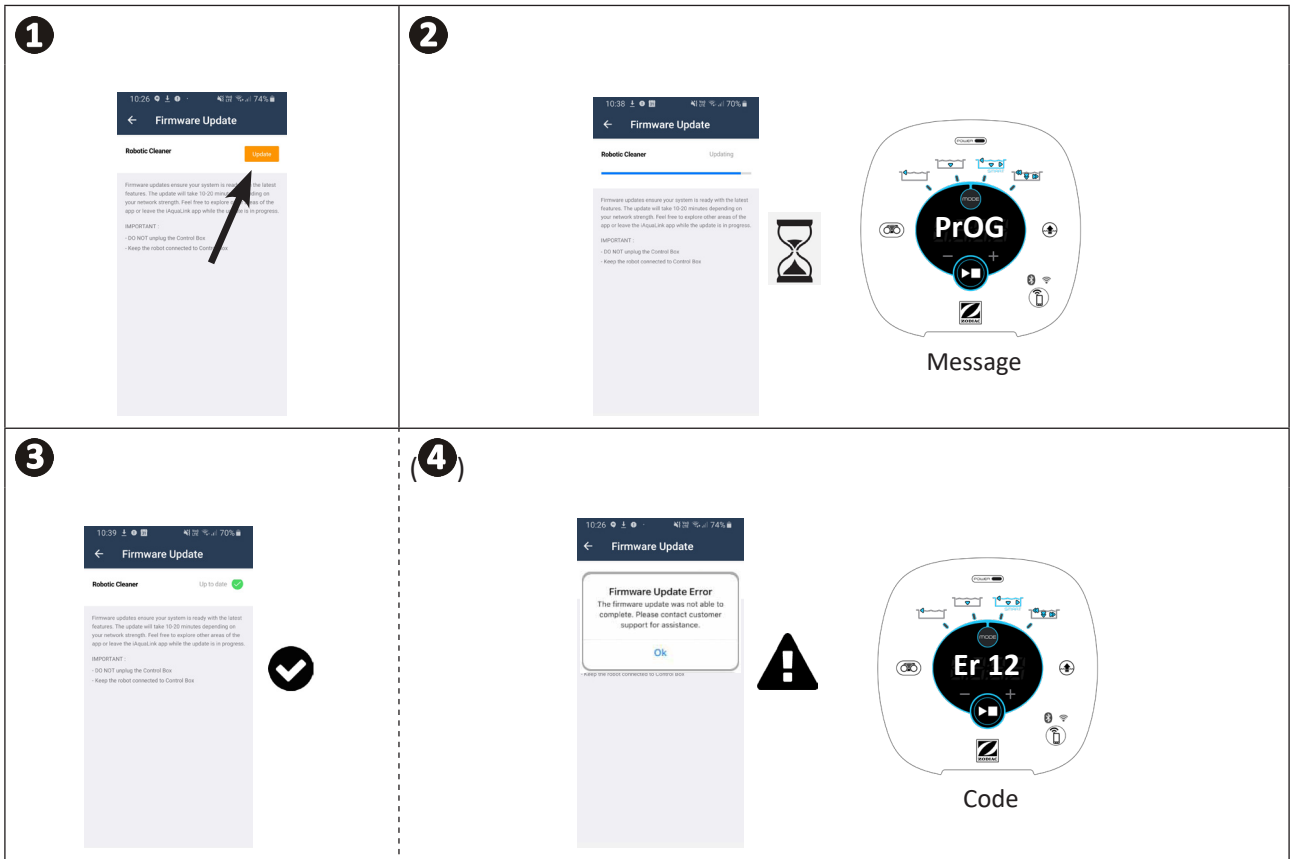
* iAquaLink™ app messages may be subject to change.
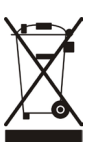
Recycling
This symbol is required by the European directive DEEE 2012/19/EU (directive on waste electrical and electronic equipment) and means that your appliance must not be thrown into a normal bin. It will be selectively collected for the purpose of reuse, recycling or creating value. If it contains any substances that may be harmful to the environment, these will be eliminated or neutralised. Contact your retailer for recycling information.

ZODIAC®

Votre revendeur
Your retailer

Modèle appareil
Appliance model

Numéro de série
Serial number

Pour plus d'informations, enregistrement produit et support client :
For more information, product registration and customer support:

www.zodiac.com