



5310

8STREME



ENGLISH

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5310

Congratulations on the purchase of your new 8STREME 5310 pool cleaner. It is a powerful autonomous robot delivered ready to use. This robot comes with an easy accessible debris basket along with floating rotary coupling which limits cable entanglement.

Please check the package to make sure that all parts are ready to be installed.

We recommend that you check the connections of the cables from the cleaner to the floating rotary coupling plug (chapter 5). If any parts are missing or damaged, please contact 8STREME directly on [www.8streme.eu](http://www.8streme.eu)

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## 01 Product features

Maximum Depth: 2,50m

Maximum size of the pool: 10m x 5m

Input current: 100-130V AC / 200-230V AC

Output current: <24VDC

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## 02 !! Warnings !!

- 2.1 Please refer to the rules of your country regarding swimming pool safety.
- 2.2 Place the power transformer at least 3.5 m from the pool.
- 2.3 Make sure that your electrical outlets are properly grounded.
- 2.4 Please make sure that your electrical system is well protected by a 30mA ground fault circuit interrupter (GFCI)
- 2.5 Keep the power transformer away from moisture.
- 2.6 Do not use the robot out of the water.
- 2.7 Make sure that the transformer is disconnected before performing maintenance on the robot.
- 2.8 Don't use any damaged power cable or cord.
- 2.9 Do not use the robot if people are in the pool.
- 2.10 Do not use the swimming pool when the cleaner is in the pool.
- 2.11 Remove the robotic cleaner from the swimming pool when not in use.
- 2.12 The use of the robot should be in a pool whose temperature is between 5 and 36°C.
- 2.13 Do not use the robot if you have a counter-current swimming device running.

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## 03 Package contents

1. 5310 Robotic pool cleaner with floating cord and rotary coupling
2. Power transformer control box
3. Sample of fine filter



## QUICK FACTS

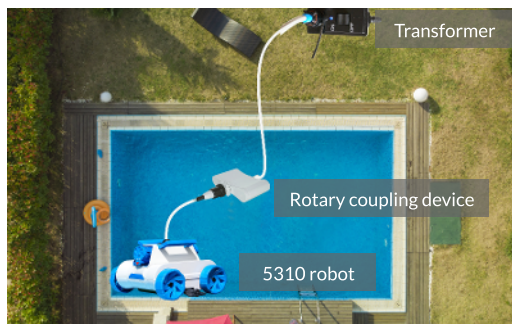
- Our robots are designed to facilitate the maintenance of your pool. However, they are not intended to clean a pool full of algae and leaves (ex: end of winter period). In this case you must: use the leaf skimmer, clean the filter and put back on the filter and the pump.



-To remove the cleaner from your pool, lift the cable slowly and gently until you can grab it by the handle. Use the handle to fully pull out the cleaner

## 04 Start-up

\* YOUR CLEANER ROBOT COMES PRE-ASSEMBLED IN THE BOX.



4.1 Place your power box to a midpoint between the two ends of your pool and at least 3.50 m from the edge of the pool.



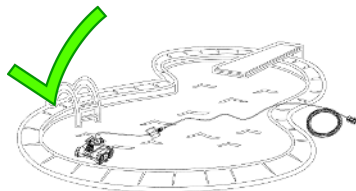
4.2 Place the robot in your pool and wait until it is completely submerged. If necessary, help it to sink manually.



4.3 Insert the end of the floating cable into the socket. Take note of the orientation of the plug and socket.

4.4 Screw the nut of the floating cable firmly.

4.5 Press the switch on the housing of the transformer under blue light. This will activate the power source.



4.6 For optimal performance, place your robot in the pool at the furthest possible location from the power source.

This is the appropriate length of the cable so that the robot can reach all of your pool.

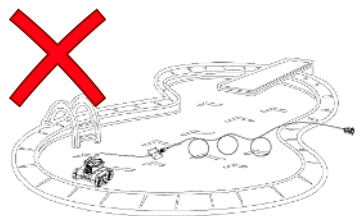
Limit the length of cable in the pool to the bare minimum, and place the surplus outside the pool.

4.8 To turn off your robot, press the power button

4.9 Do not remove your robot out of water immediately after the end of its cleaning cycle so as not to cause a temperature shock.

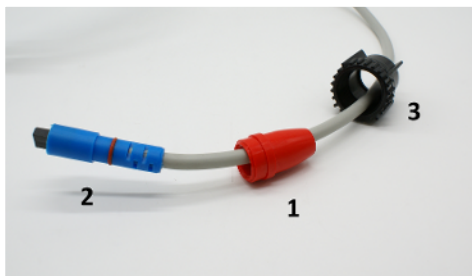
4.10 When the cleaner is no longer used for an extended period, store your robot indoors.

\* If red or blue lights blink, check the troubleshooting section



**NOTE:**  
 Leaving too much cable in the pool will limit the effectiveness of the floating rotary coupling joint and result in faster cable entanglement.

## 05 Cables connection



1. Sleeve 2. Blue plug 3. Black nut

When you connect the robot to the floating rotary coupling, remove the sleeve to expose the blue plug.



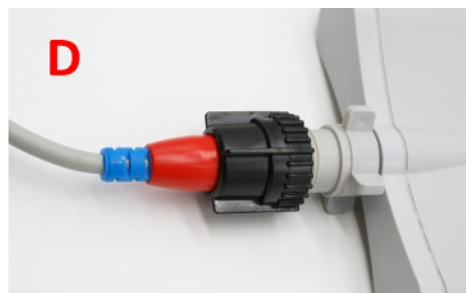
Match the notch in the pivot (Fig A)



Insert and push the blue plug ( Fig A then B ) .

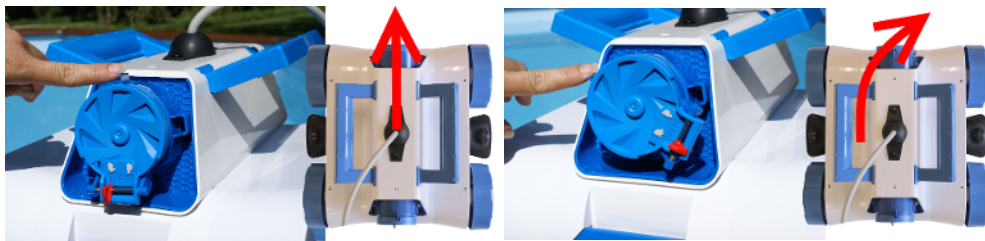


Push the sleeve to the end.



Tighten the black nut (fig. D) on the floating rotary coupling by hand.

## 06 Adjusting Direction and Speed Control

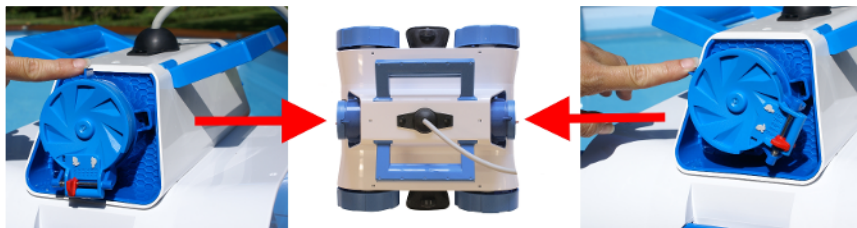


6.1 To adjust the direction of the robot, rotate the outlet cover. The direction of the robot will be determined by the position of the indicator.

Note : with indicator on vertical position, the robot will go straight ahead. With indicator turned right, the robot will go left. With indicator turned left, the cleaner will go right.



6.2 To adjust the speed of the robot, slide the red tab at the bottom of outlet cover. Sliding to the rabbit increase the speed and to the turtle decreases the speed.



6.3 For most pools, it is recommended that the outlet cover at both ends do not share the same direction.

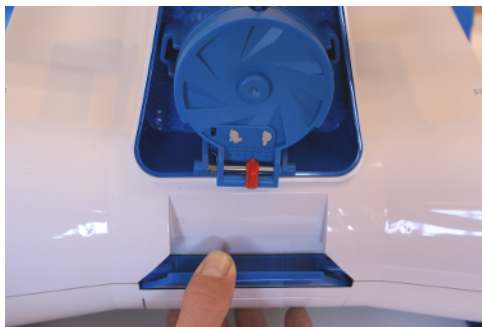
For best performance have outlet at the hinge end of the cleaner be straight and then the outlet at the front of the cleaner rotated

### NOTE:

*These are recommended settings. Depending on the shape and size of your pool, you may have to play on direction and speed adjustments to reach the optimized setting for your pool*



## 07 Cleaning the filter bag



7.1 Press in the button at the front of the cleaner and lift up the top shell. Continue to lift up the shell until you hear a "click" at the hinge and the shell stays in place.



7.2 Pull back the red tabs on one side and completely lift up bag frame on that side.



7.3 Repeat for opposite side.



7.4 Pull off the elastic band on the bag from frame



7.5 Dump out the debris inside the bag. Use a hose to spray water and clean the bag.

7.6 Wrap elastic band of bag back onto the frame. Align the red ribbon with the tab of the black plastic frame.

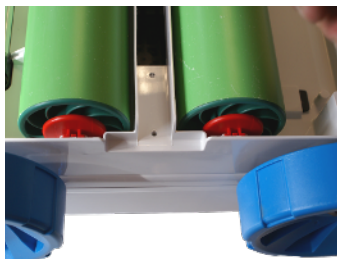
Pull back the red tabs and push the frame back into the opening. The frame is all the way in when the tabs are sitting on top of the frame.

## 08 Side suction

### NOTE :

A pair of side suction flap is provided to increase the vacuum path width up to 45cm.

Use this side suction flaps only if your pool has good flat bottom without pool liner pleats otherwise will slow down the pool cleaner robot significantly or even stop the cleaner robot from moving.



8.1: Flip the pool cleaner robot upside down



8.2: Place the flaps onto the pool cleaner robot as shown.



8.3: Then tight it up by the screw provided

## 09 Cleaning the impeller

### NOTE :

Some debris can clog or be wrapped around the impeller of the pump. By force, these debris can hinder the proper functioning of the robot or even damage the engine.

Regular visual inspection is part of the normal maintenance of the robot.



9.1: Remove the flap assembly to clean the dirt or hair on impeller



9.2: Use a flat screw driver to pry the flap assembly out as shown



9.3: Snap the flap assembly back after cleaning

## 10 TROUBLESHOOTING

PROBLEM	CAUSE(S)	SOLUTION(S)
<p>The robot floats on the surface.</p>	<ul style="list-style-type: none"> <li>- Immersion of the robot in the pool.</li> <li>- Use of the fine filter.</li> </ul>	<ul style="list-style-type: none"> <li>- When you put the robot in the pool, let it sink and reach the floor before you turn it on.</li> <li>- If you use an optional fine filter, remove the filter from its plastic wrap, immerse the filter in the water so that it is already wet before you put it in the robot and let the robot settle on the floor before you turn it on.</li> </ul>
<p>The robot does not clean all areas of the pool.</p>	<ul style="list-style-type: none"> <li>- Not enough / too much cable floating in the pool.</li> </ul>	<ul style="list-style-type: none"> <li>- Make sure the length of floating cable introduced in the pool is just the required length.</li> <li>- Remove any excess cable length from the pool and leave this excess length outside the pool next to the power supply box.</li> <li>- Insert the robot at the center point of the pool. If your pool is oval or rectangular, this point is the middle of the length.</li> </ul>
<p>The robot does not recover debris during operation. Fine particles (dust or dirt, pollen ...) are ejected by the impeller.</p>	<ul style="list-style-type: none"> <li>- The robot does not receive enough power.</li> <li>- Basket clogged / full.</li> <li>- An object is stuck in the impellers or the grids located in front of the impeller.</li> <li>- Debris are too fine, the robot is made to pick up the particles more than 50 microns (with the fine filter inside the basket).</li> </ul>	<ul style="list-style-type: none"> <li>- Check the connection of the cables.</li> <li>- Clean the bag. Clean the fine filter if you use this accessory.</li> <li>- Check if the basket is properly inserted. (See chapter Cleaning of the filter bag).</li> <li>- Check that there are no foreign objects in the impellers or blocked in the grid in front of the impellers</li> <li>- Check the attachment of the basket, press it if necessary to lock it.</li> <li>- Use a fine filter (check item number on the parts drawing 17, sku 51390 filters) on the other hand do not forget that it is the filtration of your swimming pool which ensures the cleaning of the particles of less than 50 microns.</li> </ul>

PROBLEM	CAUSE(S)	SOLUTION(S)
The robot moves in one direction	<ul style="list-style-type: none"> <li>- An object blocks the rollers, the wheels of the robot or interfering with the movement of the robot.</li> </ul>	<ul style="list-style-type: none"> <li>- Unplug power supply and take robot out of water. Open the cleaner to inspect the cleaner.</li> <li>- Check that there are no foreign objects in the impellers.</li> <li>- Check that there are no foreign object blocking the rollers located below the cleaner.</li> </ul>
The robot does not move and the filtration pump does not work either. The robot doesn't work any longer.	<ul style="list-style-type: none"> <li>-The robot is not connected to a power source. - Power off</li> </ul>	<ul style="list-style-type: none"> <li>- Check that the power source is active by plugging another device into the power outlet.</li> <li>- Check that the power supply is turned on.</li> <li>- Check all connections of the robot to the power source.</li> <li>- Check that there are no foreign objects in the impellers.</li> </ul>
The pump runs but the robot does not move. The robot turns on but stays on the spot.	<ul style="list-style-type: none"> <li>- No / not enough power is transmitted to the robot</li> <li>- An object blocks the rollers,.</li> <li>- Possibility of motor problem</li> </ul>	<ul style="list-style-type: none"> <li>- Unplug the power and take out the robot in the water. Open the cover of the basket and remove the basket.</li> <li>- Check that there are no foreign objects in the impellers.</li> <li>- Check that there are no foreign object blocking the rollers located below the cleaner.</li> <li>- Contact the After-sales Service</li> </ul>
The robot stops after a few minutes	<ul style="list-style-type: none"> <li>- Connection of the floating cable</li> <li>- Possibility of fault of the floating cable</li> <li>- Possibility of motor leakage</li> </ul>	<ul style="list-style-type: none"> <li>- Check the connection of the floating cable. Disconnect and reconnect as needed.</li> <li>- Check the status of the connectors at the ends of your cables (damaged, rusted, etc.)</li> </ul>
The robot moves slower than before	<ul style="list-style-type: none"> <li>- The robot is too heavy</li> <li>- The flow is not sufficient</li> <li>- Cables connections</li> </ul>	<ul style="list-style-type: none"> <li>- Check the bag and clean it if necessary.</li> <li>- Check that there are no foreign objects in the impellers.</li> <li>- Check that there are no foreign object blocking the rollers located below the cleaner.</li> <li>- Check the status of the connectors at the ends of your cables (damaged, rusted, etc.)</li> </ul>

<i>PROBLEM</i>	<i>CAUSE(S)</i>	<i>SOLUTION(S)</i>
The lights flash one after the other	- The electrical current does not reach the robot	- Check all the electrical connections (see chapters on the electrical connections). If moisture is present on the fittings, let dry before connecting the fittings again.
Red light flashes.	- Bad connection - Possibility of motor problem	- Check all the connections of the cables - Contact the After-sales Service
The red and blue LEDs flash simultaneously	- The electrical connection is made to the robot, but the diagnostic system detects a problem.	- Check if the connections are correct and tight. If the problem persists, please contact your dealer or our Customer Service at <a href="mailto:service@8streme.eu">service@8streme.eu</a>
No led lit on the transformer	- No current is coming	- Check your electrical outlet - Check the connections - contact our Customer Service

Please contact [www.8streme.eu](http://www.8streme.eu) if you have any other questions.

Check out our YouTube Channel for informative videos!  
<https://www.youtube.com/channel/UC8gnxUkHLdbVbkhdr5M4ZLw/playlists>

## 11 Spare parts list

<i>DRAWING : ITEM NUMBER</i>	<i>SKU</i>	<i>PART DESCRIPTION</i>
1	51331	Curved handle set. Left and Right. Black
2	51240	Pump outlet flap assembly. Black
3	51120	Pump motor
4	51302	Top shell. Black
5	51350	Latch lock. Grey
6	51313	Bottom chassis. Black
7	51151	Side wheels. Grey. 4 pieces
8	51342	Quick drain flap. Black
9	51050	Roller tubes. 2 pieces
10	51412	Side suction flaps. Black. 2 pieces
11	51000	Debris basket
12	81000	Door hinge set
13	30160	Power supply. Dual timer
14	33130	10m floating cord with rotary coupling
15	33210	Robot end floating cord. Grey
16	51001	Filter screen
17	51390	Fine filtration replacement kit

# 12 Spare parts drawing

