



5222

8STREME



ENGLISH

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5222

Congratulations on the purchase of your new 8STREME 5220-LUNA 10 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 4). If any parts are missing or damaged, please contact 8STREME directly on www.8streme.eu

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01 Product features

Maximum Depth: 1,80m

Maximum size of the pool: 8m x 4m

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

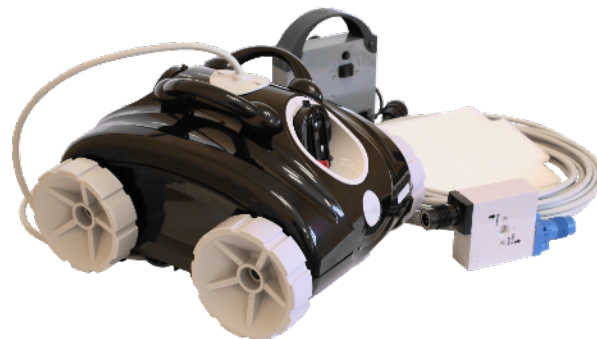
Output current: < 24VDC

02 !! Warnings and Safety informations !!

- 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 If the cables delivered are damaged, they must be replaced by the manufacturer, a service centre approved by the manufacturer or a qualified person to avoid any risk.
- 2.4 Please make sure that your electrical system is well protected by a 30mA ground fault circuit interrupter (GFCI)
- 2.5 Do not use extension cord.
- 2.6 This unit must only be used with the supplied transformer.
- 2.7 This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
Children shall not play with the appliance.
Cleaning and user maintenance shall not be made by children without supervision.
- 2.8 Keep the power transformer away from moisture.
- 2.9 Do not use the robot out of the water.
- 2.10 Make sure that the transformer is disconnected before performing maintenance on the robot.
- 2.11 Don't use any damaged power cable or cord.
- 2.12 Do not use the robot if people are in the pool.
- 2.13 Do not use the swimming pool when the cleaner is in the pool.
- 2.14 Remove the robotic cleaner from the swimming pool when not in use
- 2.15 The use of the robot should be in a pool whose temperature is between 5 and 36°C.
- 2.16 Make sure to maintain a pH close to 7.2 for optimal performance, especially on the ability to climb walls.
- 2.17 Do not use the robot if you have a counter-current swimming device working.

03 Package contents

1. 5222 Robotic pool cleaner
2. Power transformer control box
3. Long cord
4. No-twist Floating device with rotary coupling
5. 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



4.1 Insert the end of the floating cable into the socket. Take note of the orientation of the plug and socket. Screw the nut of the floating cable firmly.



4.2 Insert the end of the floating cable from the transformer into the black "POWER" socket. Be careful with the direction of the plug.



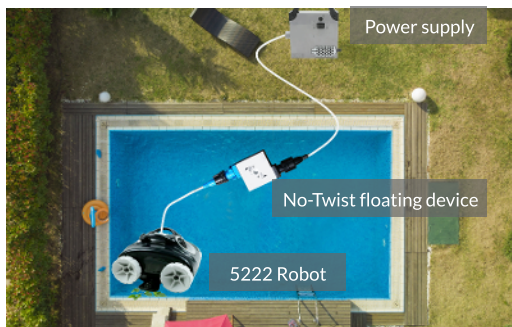
4.3 Slide the cap to contact the plug of the floating swivel union.



4.4 Tighten the black nut on the floating rotary coupling by hand.



4.5 Repeat the operation on the blue side marked "POOL ROBOT" with the cable from the robot.



4.6 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.



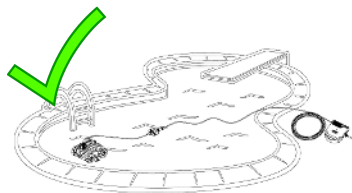
4.7 Place the robot in your pool and wait until it is completely submerged. If necessary, help it to sink manually.



4.8 Press the transformer switch located under the blue light. This activates the case control.
 1 = 1 hour cleaning cycle
 2 = 2 hour cleaning cycle



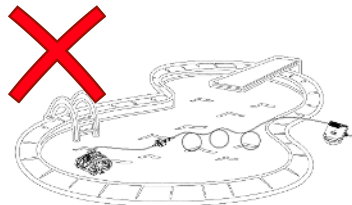
4.9 Press the power button located at the top of the box to activate your robot.



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

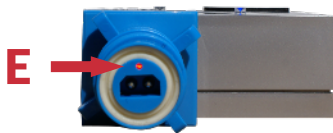
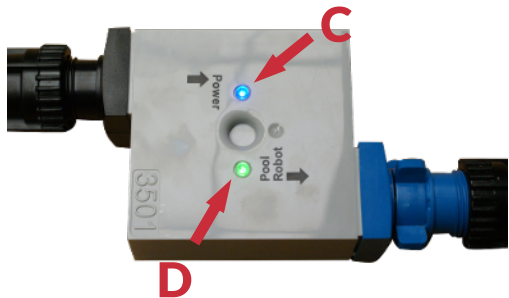
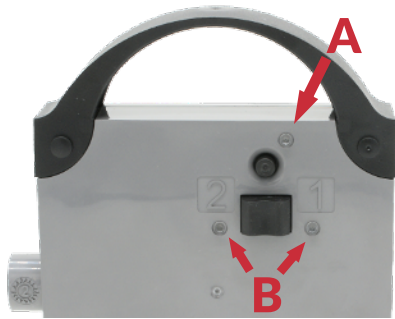
This is the appropriate length of the cable so that the robot can reach all of your pool.

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



- 4.11 To turn off your robot, press the power button and hold for 3 seconds. Alternatively, you can also press the switch located below the power button.
- 4.12 Do not remove your robot out of water immediately after the end of its cleaning cycle so as not to cause a temperature shock.
- 4.13 When the cleaner is no longer used for an extended period, store your robot indoors.

05 Indicator lights / LED



INDICATOR LIGHT / LED	MEANING / DIAGNOSIS
A	When the power is plugged into the wall outlet and the switch on the transformer is pushed to position 1 or 2, this blue light should remain on to indicate that the power supply is operating normally. If not, check if the wall outlet is powered or replace the transformer.
B	It is a timer indicator. This red or orange light will light up during the cleaning cycles (orange for 1 hour cycle - red for 2 hour cycle).
C	This blue light turns on when the floating cord between the transformer and the No-Twist float with swivel union is properly connected and you have turned on the robot. It indicates that the current is reaching the float. If the light does not come on, check the connections .
D	This green light only lights up when the robot pump is running. This green light does not light up when the pool robot has completed its cleaning cycle or during certain phases of the device's operation (e. g. during a stop before a change of direction).
E	When the "No-Twist" float with rotating swivel is connected to the transformer and you have started the robot, this small red light indicates that the current is coming out of the float. You must have both this red light and the blue light (C) on the float. If you have the blue light on the float but not the red light, then it is likely that you will need to replace the float.

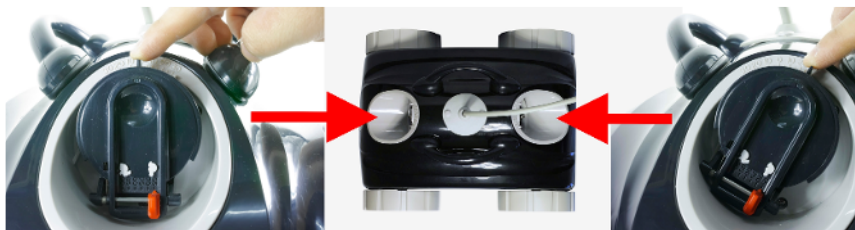
06 Adjusting Direction and Speed Control



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 basket



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 Lift up one end of the basket.



7.3 Pull back the red plastic tabs on one side and lift up the basket cover.

7.4 Dump out the debris inside the basket. Use a hose to spray water and clean the filter screen.

When cleaned, place your basket back into your robotic cleaner.
If basket is not aligned properly it will not lock in place.

Press down on both ends of the basket.
The basket should snap into place.

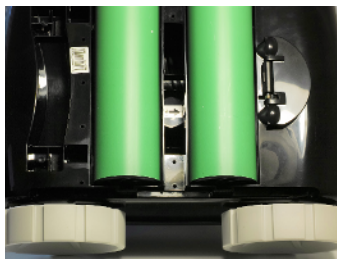


08 Side suction

NOTE:

A pair of side suction flap is provided to increase the vacuum path width up to 40cm.

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"> - Immersion of the robot in the pool. - Use of the fine filter. 	<ul style="list-style-type: none"> - When you put the robot in the pool, let it sink and reach the floor before you turn it on. - 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.
<p>The robot does not clean all areas of the pool.</p>	<ul style="list-style-type: none"> - Not enough / too much cable floating in the pool. 	<ul style="list-style-type: none"> - Make sure the length of floating cable introduced in the pool is just the required length. - Remove any excess cable length from the pool and leave this excess length outside the pool next to the power supply box. - 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.
<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"> - The robot does not receive enough power. - Basket clogged / full. - An object is stuck in the impellers or the grids located in front of the impeller. - Debris are too fine, the robot is made to pick up the particles more than 50 microns (with the fine filter inside the basket). 	<ul style="list-style-type: none"> - Check the connection of the cables. - Clean the basket and filter panel. Clean the fine filter if you use this accessory. - Check if the basket is properly inserted. (See chapter Cleaning of the filter basket). - Check that there are no foreign objects in the impellers or blocked in the grid in front of the impellers - Check the attachment of the basket, press it if necessary to lock it. - Use a fine filter (check item number on the parts drawing 19, 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.

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

SYMPTÔME	RAISON(S) POSSIBLE(S)	SOLUTION(S)
No led lit on the transformer	<ul style="list-style-type: none"> - No current is coming 	<ul style="list-style-type: none"> - Check all connections (chapter 4). - If moisture is present on the plugs, let them dry before reconnecting them. - Check your electrical outlet - Contact customer service
The blue LED on the "No-Twist" floating device does not light up (light C of Chapter 5).	<ul style="list-style-type: none"> - Bad connection between the transformer and the No-Twist floating device. - Possibility of No-Twist floating device problem - You did not press the on/off button located on the transformer to activate the cleaner. 	<ul style="list-style-type: none"> - Turn ON the cleaner by pressing the ON / OFF button located on top of the transformer. - Check all the connections of the cables between the transformer and the No-Twist floating device. - Contact the After-sales Service
The blue light on the transformer is on but the red or orange do not lit (timer light B of Chapter 5).	<ul style="list-style-type: none"> - Cleaner not activated - Bad cables connections. - Transformer problems 	<ul style="list-style-type: none"> - Turn ON the cleaner by pressing the ON / OFF button located on top of the transformer. - Check your electrical outlet . - Do not use extension cord - Contact our Customer Service.
The blue light on the No-Twist Floating device is on but the cleaner does not work (light C of Chapter 5).	<ul style="list-style-type: none"> - Bad connection between the No-Twist floating device and the cleaner - Possibility of No-Twist floating device problem - Possibility of motor problem. 	<ul style="list-style-type: none"> - Check if the connection at the "No-twist" float outlet, blue outlet "Pool Cleaner" is correct and waterproof. - If the blue light C is on, you should also have a red light on at the float outlet (light E in Chapter 8). If this is not the case, it is likely that the float is defective. - If both blue and red lights are on but the robot does not work, please contact your dealer or our after-sales service at service@8streme.eu

Please contact www.8streme.eu if you have any other questions.

11 Spare parts list

DRAWING : ITEM NUMBER	SKU	PART DESCRIPTION
1	51331	Curved handle set. Left and Right
2	51240	Pump outlet flap assembly
3	51200	Pump motor
4	51302	Top shell
5	51350	Latch lock
6	51313	Bottom chassis
7	51151	Side wheels - 4 pieces
8	51342	Quick drain flap
9	51050	Roller tubes. 2 pieces
10	51490	Sweeping brush
11	51412	Side suction flaps - 2 pieces
12	51000	Debris basket
13	81000	Door hinge set
14	30240	Power supply. Dual timer
15	33131	10m floating cord
16	33211	Robot end floating cord
17	35011	No-Twist floating device
18	51001	Filter screen
19	51390	Fine filtration replacement kit

12 Spare parts drawing

