



wiltec 63229 Pool Cleaning Robot Instruction Manual

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wiltec 63229 Pool Cleaning Robot



Please read and follow the operating instructions and safety information prior to initial operation.

Technical changes reserved!

Illustrations, functional steps, and technical data may deviate insignificantly due to continuous further developments

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The Naia HJ1009 is an efficient and reliable pool-cleaning robot designed for a hassle-free cleaning experience. It is equipped with advanced technology to effectively clean your pool, including a control panel with various settings for automatic and manual operation.

Introduction

Thank you for choosing to purchase this quality product. To minimise the risk of injury, we ask you to always take some basic safety precautions when using this product. Please read this operating manual carefully and make sure that you understand it. Keep these operation instructions in a safe place

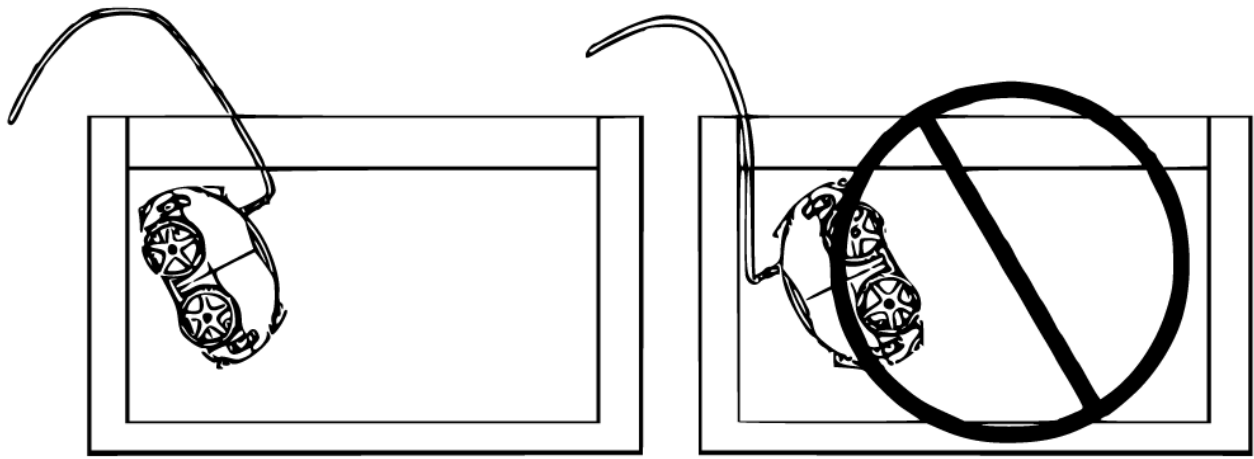
Safety Instructions

Before using the Naia HJ1009, it is important to read and understand the safety instructions provided in the user manual. Basic safety precautions must be taken to minimize the risk of injury while using the product.

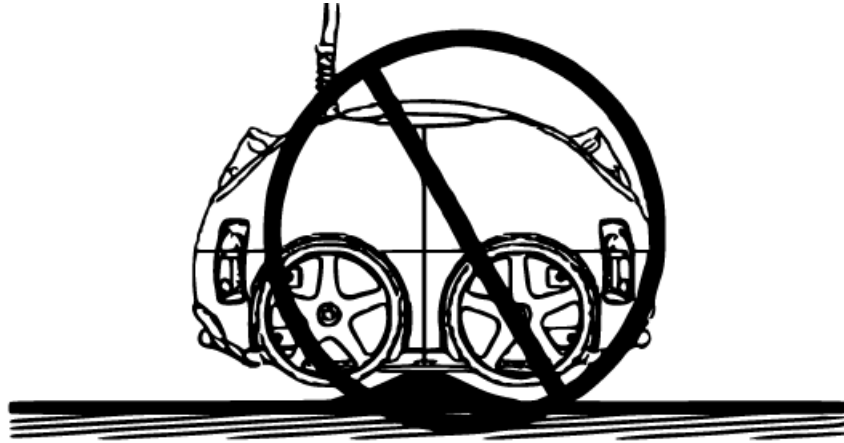
- This model is especially suitable for pools with flat floors; follow the corresponding instructions in this manual if your pool has a sloped floor.
- To avoid serious damage to your robot, never switch the device on when it is not in the pool.
- The power cable must be connected to an appropriate earthed socket. Only operate the device with a residual current protective device with a triggering amperage of max. 30 mA.
- Do not operate the robot while persons are in the pool.
- Do not try to move the floating bodies alongside the power cable. Always leave them at their initial positions.
- Before switching the device on, make sure that the cable is completely unrolled to avoid any rolling-up of the cable which would impair the efficiency of the robot or damage it.
- The filter bag must be cleaned before or after each use. This avoids contamination of the filter bag impairs the normal operation if the robot.
- When not in use, the robot must be stored in a cool and well-ventilated place and not in direct sunlight.
- The power supply unit must be placed in a shadowy place. To avoid any overheating and possible consequential damage of components, never cover the power-supply unit.
- The robot and motor unit should only be opened and/or repaired by qualified persons.
- To avoid any accidents or damages, the power supply unit should be placed at a min. distance of 3.5 m from the edge of the pool.
- Do not use the device in other working conditions than those stated in this manual. Only use the device according to the intended use defined in this manual.
- Do not remove the protective film of the control panel.
- Close the pool filter system when you use the robot.

Other instructions

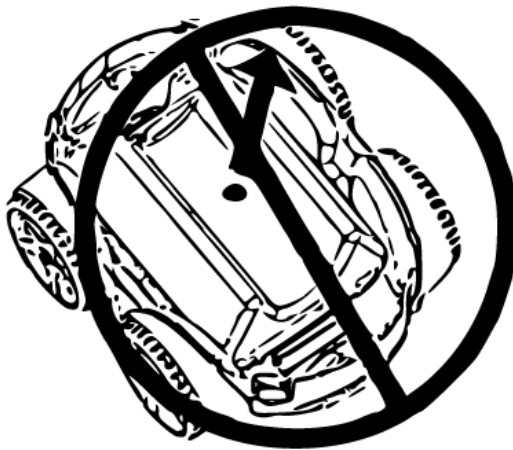
- Placing the robot in the pool and removing it from the pool should be so that the wheels of the robot point towards the walls to avoid that the surface of the pool be scratched.



- Store the cleaning robot on a flat surface. No hard objects must touch the casing of the robot to avoid damage.



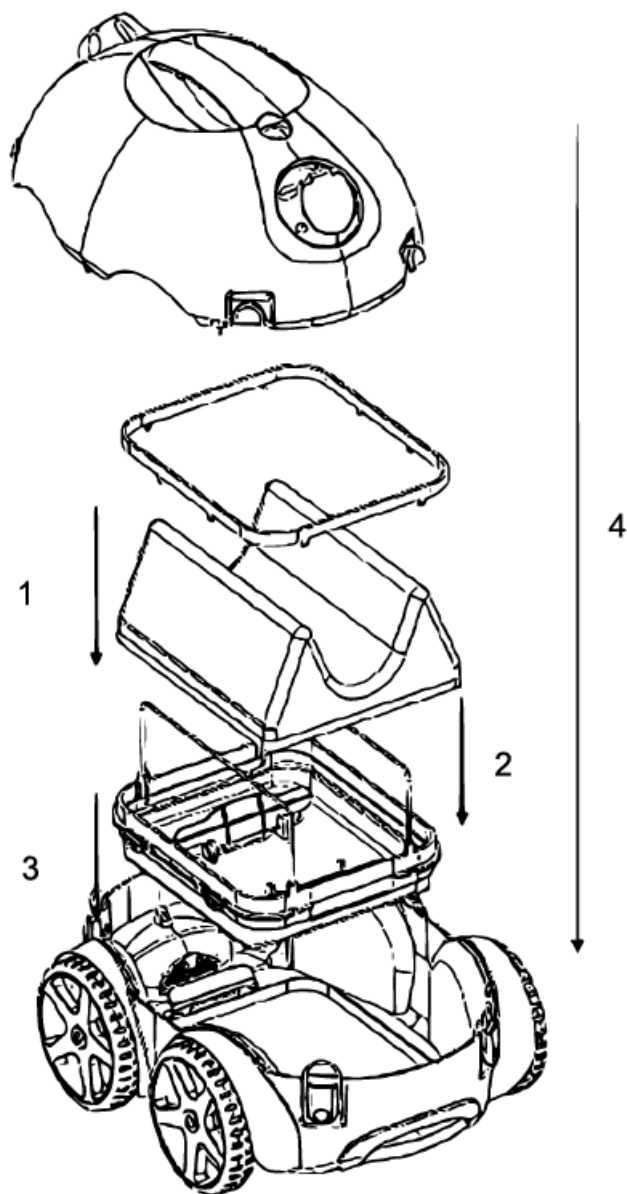
- Do not apply excessive force on the filter unit by squeezing or seizing it when you mount or unmount it to avoid that the casing be damaged.



- Do not lift both sides of the filter unit at the same time.

Assembly and Installation

The assembly and installation process for the Naia HJ1009 is straightforward and can be done in a few simple steps. Refer to the user manual for detailed instructions on how to set up the cleaning robot.



Technical Specifications

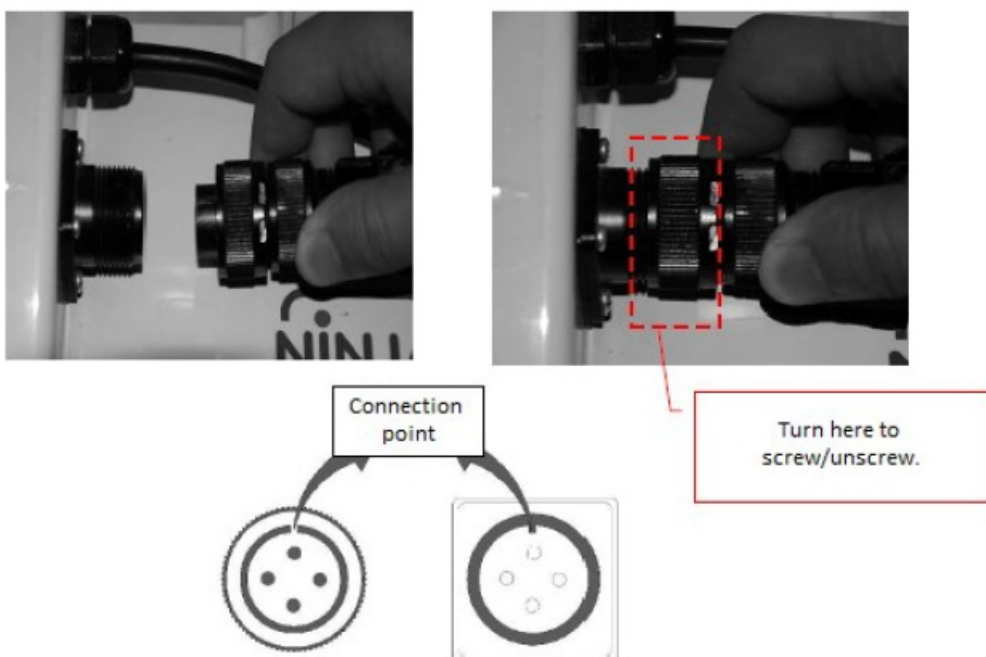
The Naia HJ1009 is designed with the following technical specifications:

Nominal intake voltage (V)		220
Nominal intake frequency ()		50
Output voltage (V)		24 (DC)
Operational cycle (h)		1 / 1.5 / 2 / 2.5
Length of cable (m)		12
Max. cleaning surface ()		150
Filter capacity (/h)		15
Filter ability (μm)		150
Operational water temperature (°C)		10–35
Speed (m/min)		15–18
Protection class	Cleaning robot	IP68
	Power-supply unit	IPX4
Working temperature (°C)		10–40
Pool depth (m)		2.5
Max. inclination/slope (°)		25

- Cleaning robot
- Protection class
- Operation

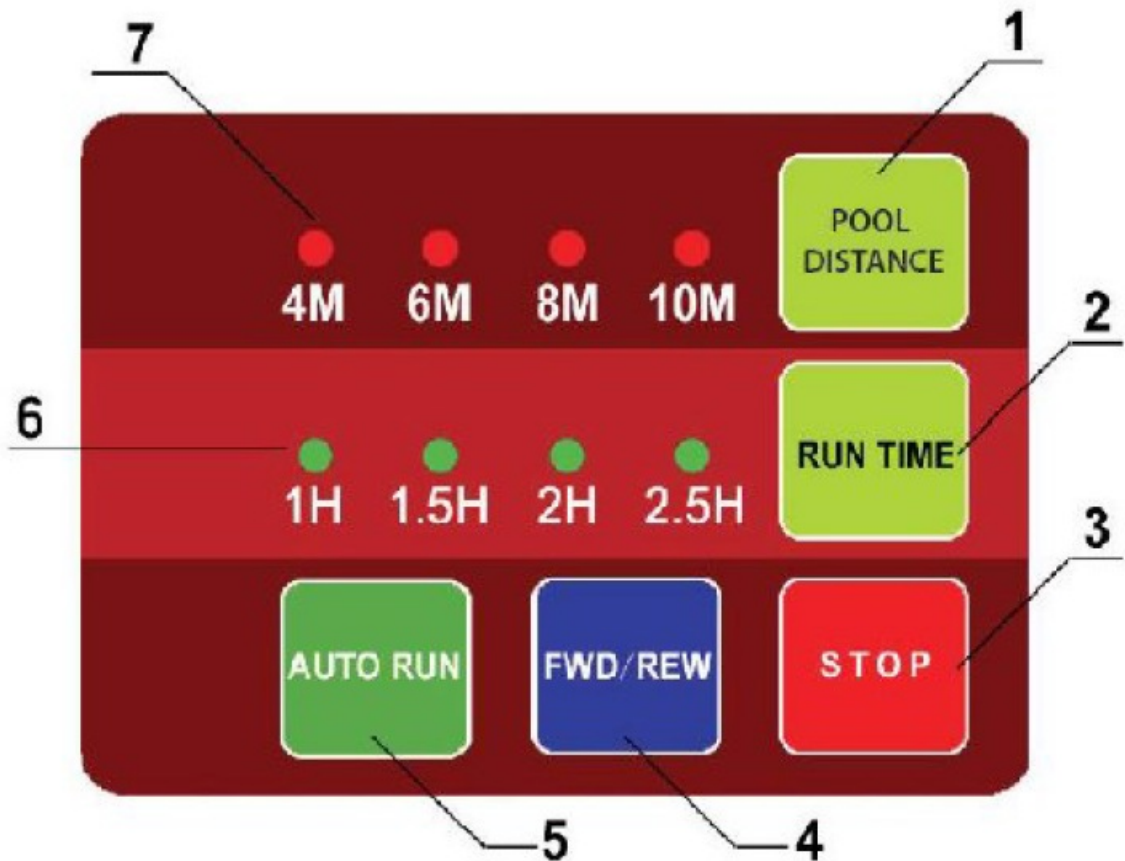
Cable connection

Plug the cable into the socket of the power supply unit (Attention! Make sure that the plug is correctly oriented!) and screw both nuts on either side of the plug to tighten them.



Then plug in the plug to the mains.

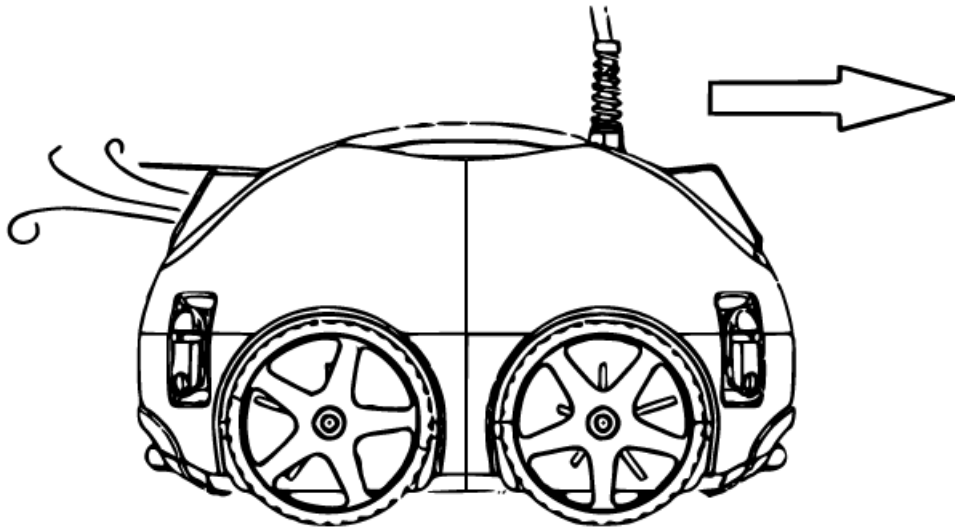
Control panel



Nº	Name	Explanation	Function
1	POOL DISTANCE	Wall distance button	Setting the pool width
2	RUN TIME	Automatic service time button	
3	STOP	Stop button	
4	FWD/REW (forward/rewind)	Manual forward/backward move- ment	Moving the robot to a precise sp ot
5	AUTO RUN (automatic operation)	Automatic operation button	Cleaning robot is working au- to matically.
6		Operational time display for auto- mati c operation	
7		Pool width display	

Function and adjustment of nozzles

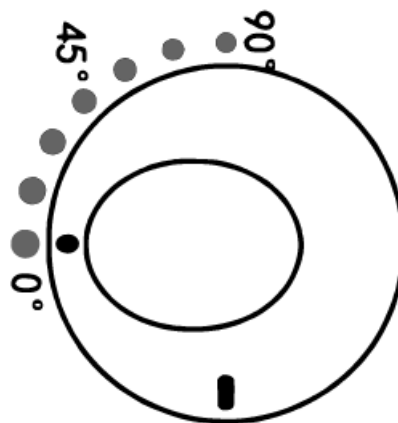
The robot has two nozzles, one of which opens when the other closes. Water flows through the opening nozzle to move the cleaning robot forward. The user can change the orientation of the nozzle by turning it to control the track that the robot takes.



Adjustment of nozzle, speed, and track

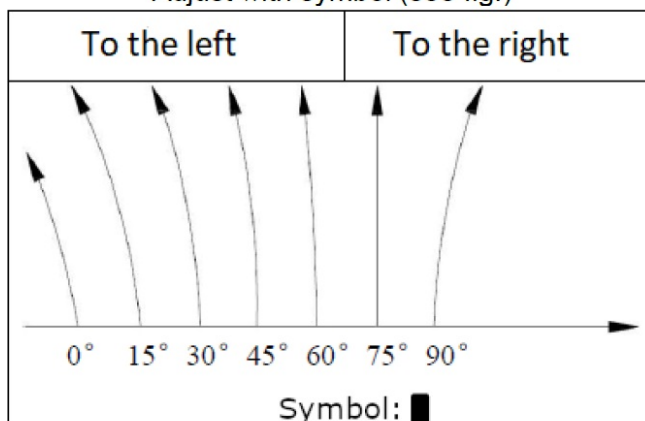
- In general, cleaning is more efficient when the robot runs more slowly.
- The larger the curve described by the track, the less the cable is twisted.

Overlapping tracks and different settings of the nozzles



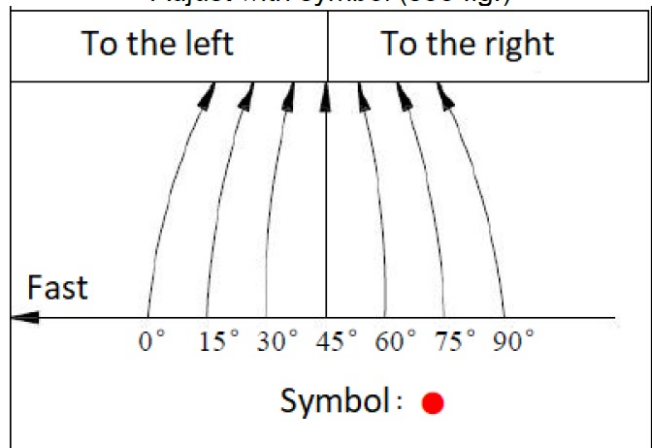
Low speed

Adjust with symbol (see fig.)



High speed

Adjust with symbol (see fig.)



The user can select the appropriate nozzle orientation for different pool types, e.g., a low speed with a large radius of movement, by setting the circle symbol to the 45° position (movement to the left) or 75° position (movement to the right).

Product Usage Instructions

To use the Naia HJ1009 pool cleaning robot, follow the steps outlined below:

1. Ensure that the pool cleaning robot is properly assembled and installed according to the user manual instructions.
2. Connect the power supply unit to a power outlet and plug in the cable to the socket on the unit.
3. Press the POOL DISTANCE button on the control panel to set the pool width.
4. Press the RUN TIME button to set the automatic service time.
5. Press the AUTORUN button to start the automatic operation.
6. Use the FWD/REW button to manually move the robot to a precise spot, if necessary.
7. Press the STOP button to stop the cleaning operation.
8. Refer to the operational time display and pool width display on the control panel for information on the cleaning process.
9. After use, turn off the power supply unit and unplug the cable from the socket.

For any issues or concerns with the Naia HJ1009 pool cleaning robot, contact customer service at service@wiltec.info or via phone or fax as listed in the user manual.

Nozzle adjustments

- In most cases, the same orientation of both nozzles is suitable for every pool shape.
- A curved and direct track alternate if one of the nozzles is set to 30° and the other to 60°; this will permit that a very large portion of the floor be covered, and it will help to release any cable twists.

Distance adjustment

- On the control panel, select a suitable pool distance according to the pool width.
- It is recommended to select a larger distance if the nozzle is set to a low speed or if your pool is sloped. With a pool of 6 m of width, it is recommended to select an 8 m or 10 m distance if the robot is to run slowly.

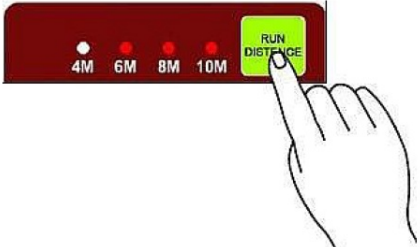
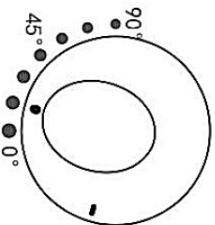
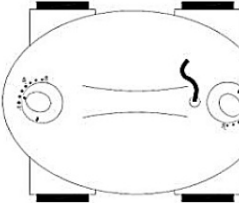
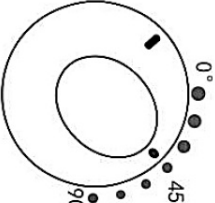
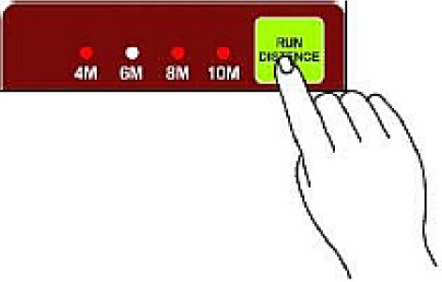
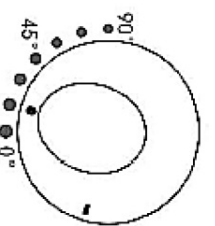
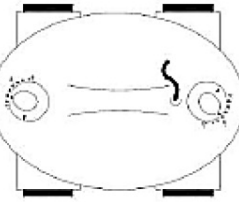
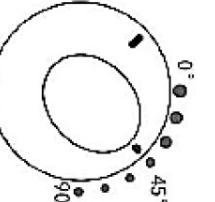
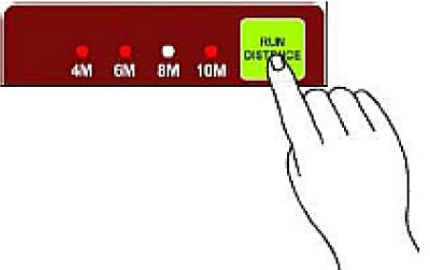
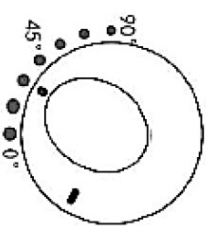
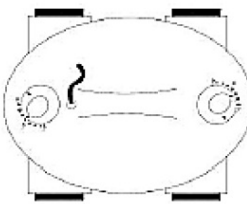
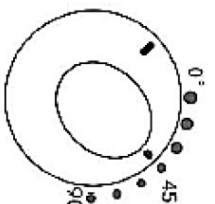
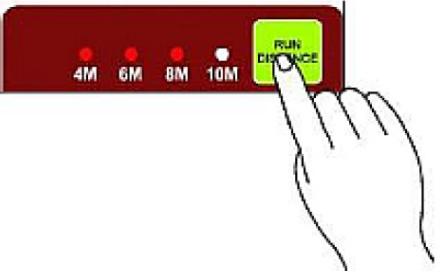
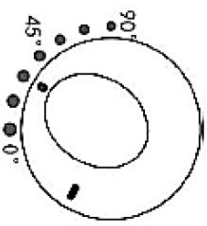
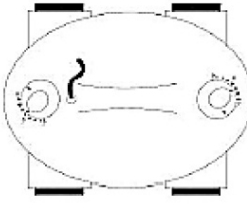
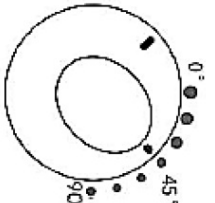
Sloped pool adjustments

Set the nozzle to a high speed, so that the robot can cope with the slope, by reinforcing the water flow rate of the robot (see fig. concerning high speed).

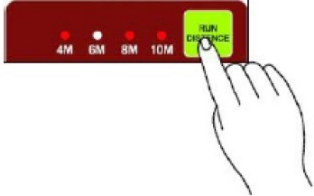
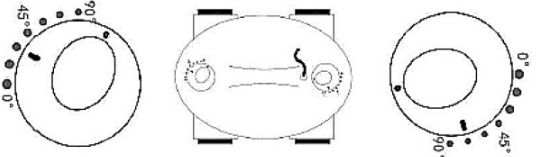
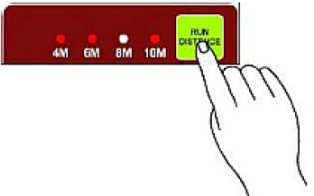
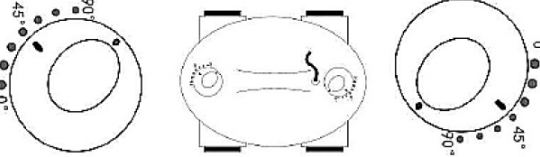
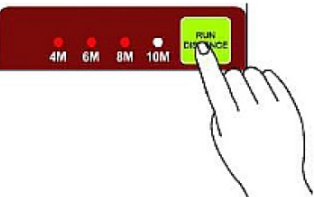
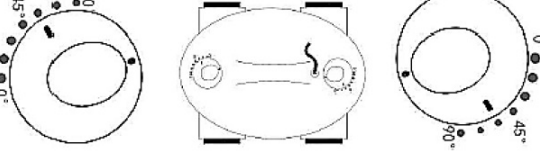
Note! With some pool shapes, it cannot be guaranteed that the cleaning robot can cover the entire surface of the floor. You can adapt the nozzle orientation to reduce the moving curve ; however, that means that the cable will be twist more often.

Recommended nozzle orientation

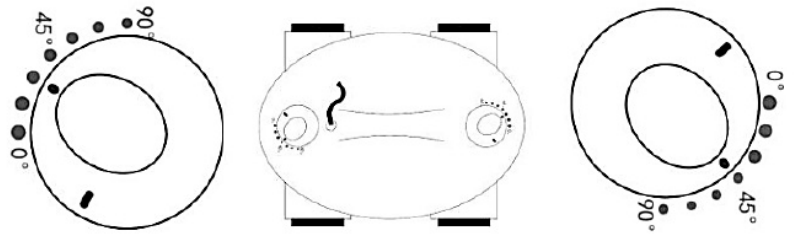
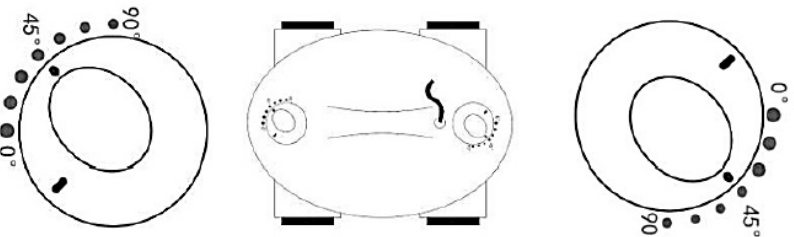
- Direction of higher speed

Pool distance	Figures		
			
			
			
			

- Direction of lower speed

Pool distance	Figures
	
	
	

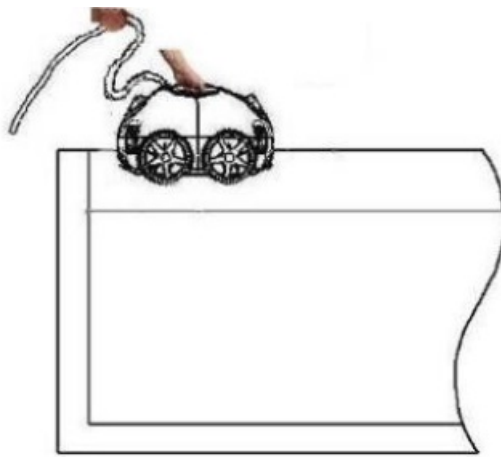
- Sloped pool

Pool distance	Figures
Depending on pool size	
	

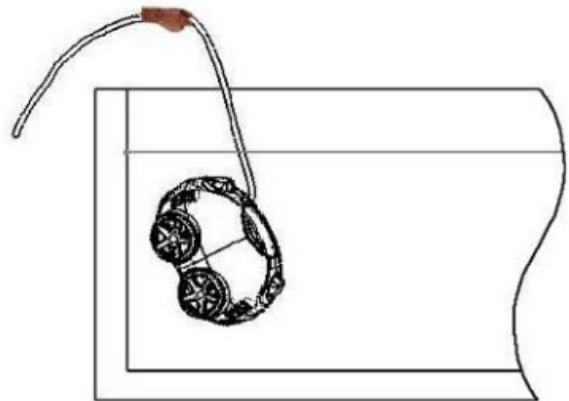
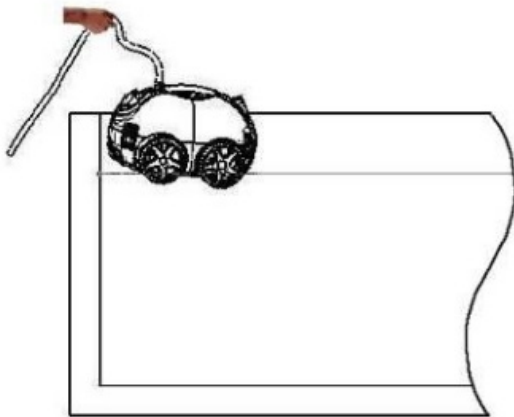
Note! The above-mentioned values are recommendations. The user must adapt the suitable nozzle orientation considering the above-mentioned procedure and the actual pool.

Placing the cleaning robot into the water

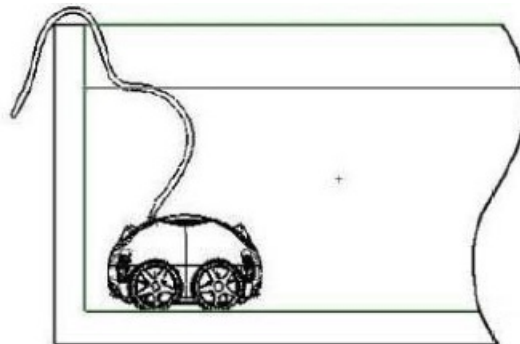
1. With one hand, hold the cable, making sure that there is enough cable between your hand and the robot that the device can plunge into the water without however touching the floor. With the other hand, hold the handle of the cleaning robot and slowly place the device into the water



2. Hold the cable until the robot has filled itself with water and begins to sink towards the floor



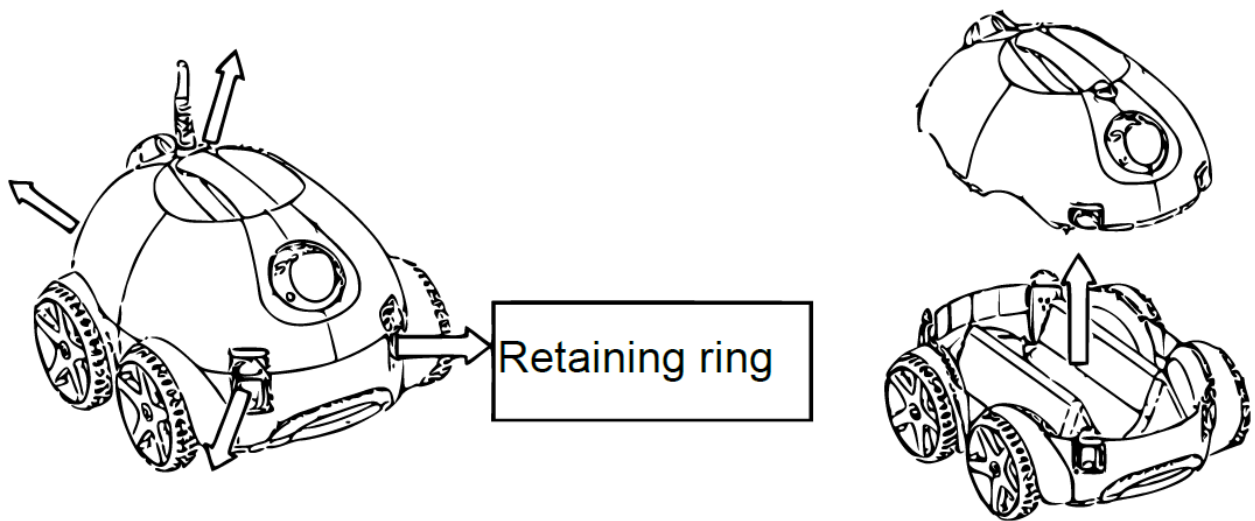
3. By obeying the above procedure, you will avoid that the cleaning robot tip over



Cleaning the filter bag

Taking out the bag

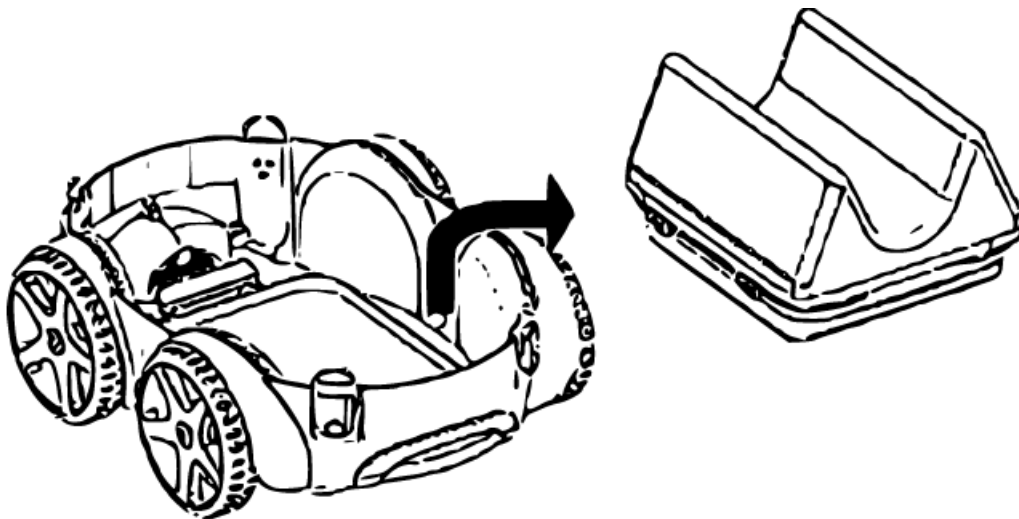
1. Open the retaining ring and the robot



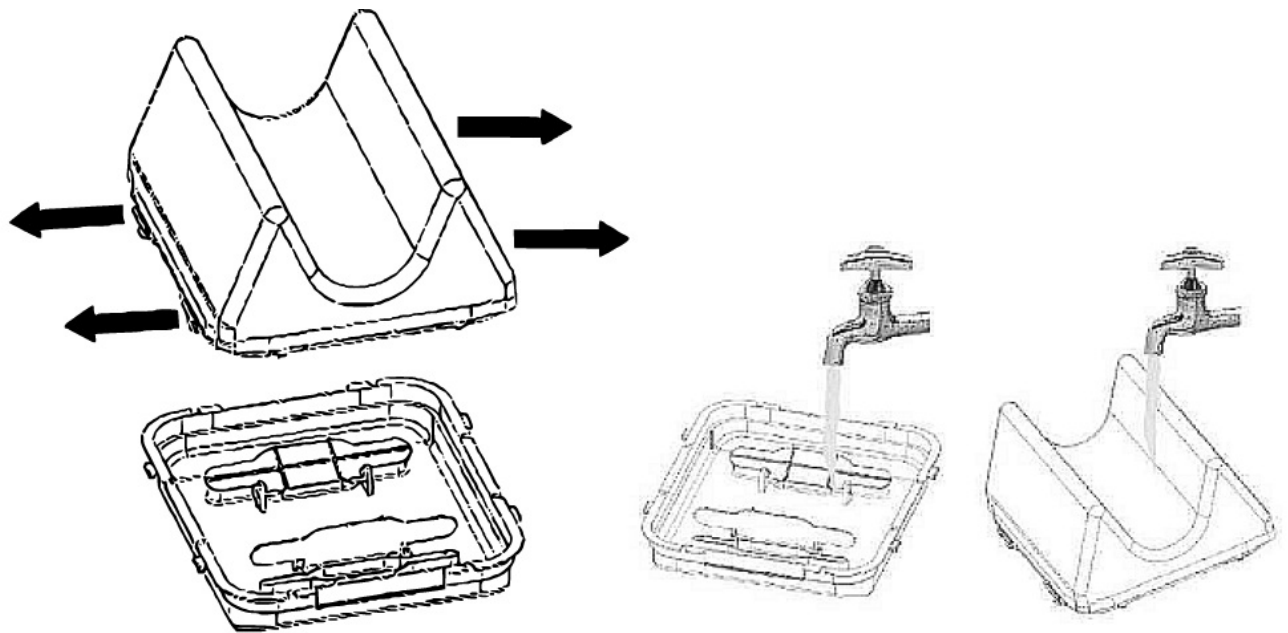
2. On one side, press down the bracket and lift the filter unit



3. Remove the filter unit

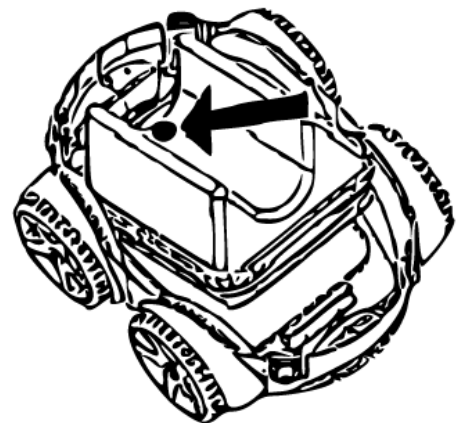
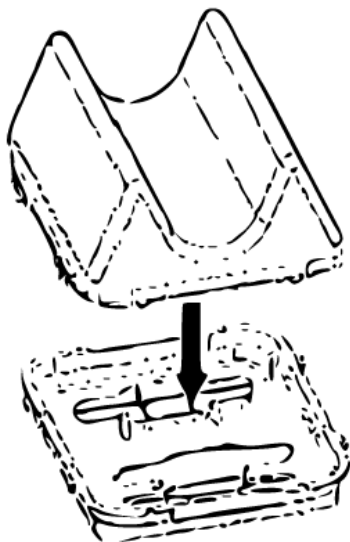


4. Open the small bracket and take out the filter bag for cleaning

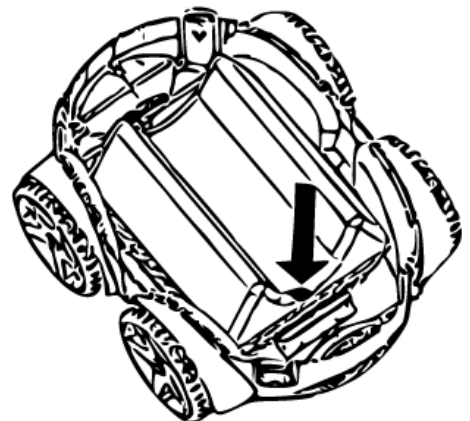
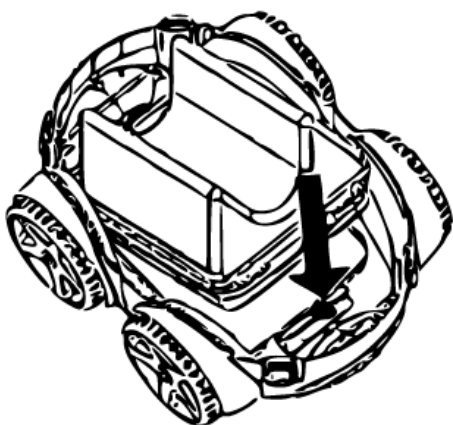


Reinstall

- Reinstall the filter unit. Insert one side of the filter cartridge into the bracket

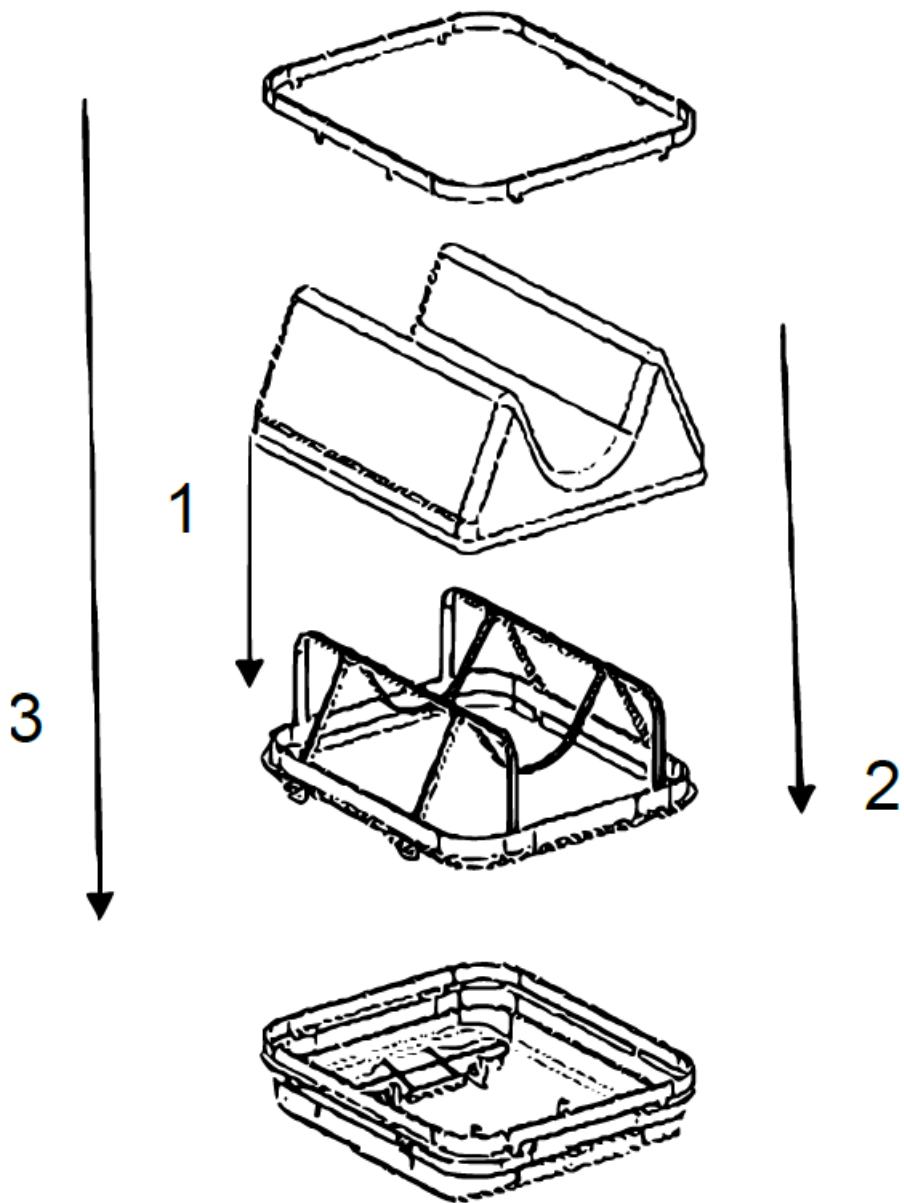


- Press down the bracket on the opposite and correctly place the filter unit



Replacing the filter bag

Insert a new filter bag if the old one is damaged. Obey the steps of the following figure.



Helpful hints

- Unplug the plug after use. However, do not plug it out with your hands wet.
- The cleaning robot should not touch the pool walls when you take it out of the water to avoid the surface of the pool being scratched or the robot being damaged.
- Before taking the robot out and placing it on the edge of the pool, hold it above the water surface for approx. 10–15 s to allow the water remaining inside the casing to drain off.
- Hold the robot at the handle to take it out of the pool.

Troubleshooting

Problem				Possible cause	Solution				
Cable coils up	twists	itself	or	1. Cable not completely unwound	1. Unplug the plug and disentangle cable.				
				2. Bad nozzle angle	2. Set the water outlet to the correct angle.				
				3. Obstacle in the pool	3. Remove obstacles.				
				4. Stuck to the main drain of the pool	4. Switch off the filter system of the pool.				
				5. Long operational time	5. Disentangle cable by hand.				
Robot does not cover the entire surface of the floor				1. Power-supply unit was incorrectly placed	1. Correctly place the power-supply unit so that the robot can reach every spot.				
				2. Nozzle badly oriented	2. Set the nozzle to the correct orientation.				
				3. Unusual pool shape	3. Set nozzle so that the moving radius increases.				
				4. Filter system and pump switched on	4. Switch off filter system of the pool.				
				5. Cable too short	5. Unwind cable further.				
The cleaning robot does not run				Bad connection of mains cable/plug.	Correctly plug.	plug	in	mains	ca-

Regulations for waste disposal

- The Waste Electrical and Electronic Equipment Directive (WEEE Directive, 2012/19/EU) of the EU was implemented in the German law related to electrical and electronic equipment and appliances.
- All WilTec electric devices that fall under the WEEE directive are labeled with the symbol of a crossed-out wheeled rubbish bin. This symbol indicates that this electric device must not be disposed of with domestic waste.
- WilTec Technik GmbH is registered with the German registration authority EAR (Stiftung Elektro-Altgeräte Register) under the WEEE registration number DE45283704.
- Disposal of used electrical and electronic devices (intended for use in the countries of the European Union and other European countries with a separate waste collection system for these devices).



- The symbol on the packaging or the product itself indicates that this product must not be treated as normal domestic waste but must be disposed of at a recycling collection station for electrical and electronic waste. By disposing of this product correctly, you contribute to the protection of the environment and the health of your fellow people. Inappropriate disposal threatens the environment and health.
- Material recycling helps to reduce the consumption of raw materials.
- Additional information about the recycling of this product can be provided by your local commune, the municipal waste disposal facilities, or the store where you purchased the product.

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Documents / Resources

	<p>wilttec 63229 Pool Cleaning Robot [pdf] Instruction Manual 63229 Pool Cleaning Robot, 63229, Pool Cleaning Robot, Cleaning Robot, Robot, Naia HJ1009</p>
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References

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- Teichtip.de
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