



Stream-ON

Counter Swimming System — Wall-Mounted Unit
Installation, Operation & Maintenance Manual

Code: Stream-ON



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1. Safety Warnings

Read these instructions carefully before installing, using or servicing the Stream-ON counter swimming unit (hereafter "the wall-mounted unit"). Ignoring the safety warnings may lead to serious injury, property loss or danger to life.

Electric Shock Hazard

All electrical connections must be carried out by a certified electrician, with the power turned off. Every supply line must be protected by a residual-current device (RCD) 30 mA. The control box must be permanently earthed to the ground terminal of the supply. Do not touch electrical parts with wet hands.

Installation Distance

The electrical control box must be installed at least 3 m away from the water, in a well-ventilated location, away from chemical gases and direct sunlight. If used outdoors it must be made waterproof and rainproof.

Grounding

The power cord must be connected to a grounding device and a leakage-protection device. If you are not sure a grounding device is present, contact a certified electrician before use.

Children are strictly prohibited from operating this product.

Check the unit has a factory certificate before installation; clean the pool edge and wall so the fixing location is flat.

Check and replace damaged wires regularly to reduce the risk of electric shock.

Do not stack flammable or explosive items around the unit.

Test the leakage switch at least once a month and keep the inspection records.

Do not disassemble or modify the electrical box or circuit layout yourself.

2. Technical Specifications

The Stream-ON is a ready-to-use, safe low-voltage, low-noise counter swimming unit with stepless speed regulation, suitable for new and existing swimming pools. It is made of eco-friendly materials and does not affect the pool water quality.

Product model	Stream-ON
Shell material	LLDPE
Electric control system	1 × control panel
Power supply	220-240 V, 50-60 Hz
Working voltage	DC 29 V
Rated power	1.6 kW
Rated current	8 A
Max. water speed	1.6 m/s
Max. flow	510 m ³ /h
Min. pool depth	0.8 m
Dimensions (W × D × H)	420 × 575 × 620 mm

3. Product Structure



Stream-ON wall-mounted counter swimming unit

Control panel: digital display with Power switch, Swimming switch and Speed +/- buttons (see Section 5).

Body / shell: LLDPE housing, corrosion-resistant and UV-stable.

Deflector nozzle: directs the water jet to create the counter-current swim stream.

Water outlet & intake grille: high-flow front grille for the swim jet, with side intake.

Electrical control box: separate wall/floor-mounted cabinet connected by power and communication cables.

4. Installation

4.1 Electrical Preparation

Input power supply: AC 100–240 V, 50–60 Hz.

Reserve wiring GB 3 × 2.5 mm² at the control-box location; total wire length must not exceed 25 m.

Reserve 1.5–2 m of cable for connections. For runs over 5 m use a larger diameter (see table below), otherwise the unit will not start.

Ensure the terminal block, wiring terminals and the aviation connector of the communication line are firmly fixed.

Motor power cable length	Wire diameter
0 – 5 m	4 mm ²
5 – 10 m	6 mm ²
10 – 15 m	10 mm ²

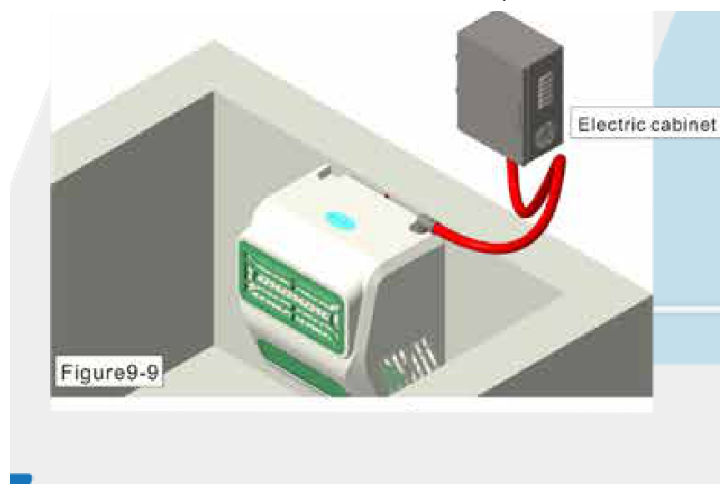
4.2 Mounting

The unit can be surface-mounted with the L-shaped bracket, or embedded at the pool edge, depending on the pool construction.

The minimum pool water depth at the unit must be 0.8 m.

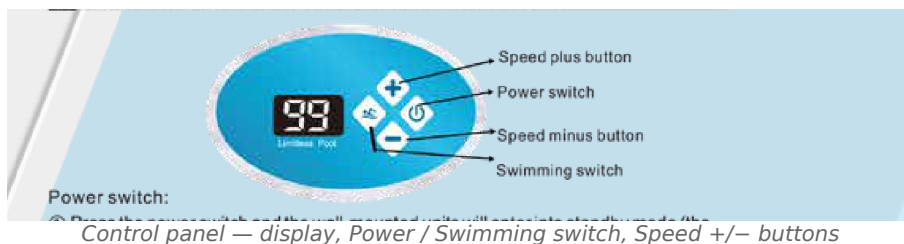
After the supporting screws are tight against the pool wall, use a level to check that the top surface of the unit is horizontal.

Connect the power cord to the electrical control box to complete the installation.



Connecting the unit to the electrical control cabinet

5. Instructions for Use



5.1 Power Switch

From the off state (no display), press the Power switch to enter **standby** mode — the display shows "--".

From standby, press the Power switch to return to the off state (no display).

The Speed +/- buttons are inactive in the off state and in swimming mode.

5.2 Swimming Switch & Speed

In standby (display "--"), press the Swimming switch to start. The display shows **00** on first power-on and the water pusher starts.

Speed range is **0-99**. Press **+** to accelerate; short press changes one step, long press changes continuously.

"+" is inactive at 99, "-" is inactive at 00.

Speed memory: if the unit was used before, it resumes the last speed when the Swimming switch is pressed. The memory clears after power-off, restarting from 00.

Input current @ speed 00	0.3 A
Input current @ speed 50	7.2 A
Input current @ speed 99	25.6 A

6. Troubleshooting

Fault	Cause	Solution
Water outlet draws water in (reversed)	Motor rotates in reverse	Change the phase on the motor terminal block.
Panel does not light after power-on	Communication line not connected	Check the aviation connector of the communication line.
Panel does not light after power-on	Switch in the control box is open	Check the circuit breaker; check for a leakage fault.
Panel does not light after power-on	Switching supply not outputting	Check the switching-supply output; contact OXYGON.
No response from remote control	Remote not paired	Long-press the Swimming button until the display flashes, then press any button on the remote.
No response from remote control	Remote battery dead	Replace the remote-control battery.
Abnormal motor noise after start	Motor blocked	Contact OXYGON for service.
Motor does not respond after start	Motor power line not connected / drive fault	Check the motor wiring; contact OXYGON.
Unstable water output	Water level not at the optimal level	Adjust the water level to the optimal-level label.
Unstable water output	Installation height incorrect	Check that the optimal water-level line is aligned with the water surface.

7. Warranty, After-sales & Contact

The Stream-ON wall-mounted unit carries a **24-month** limited warranty from the date of manufacture, covering manufacturing defects in materials and workmanship. Appearance issues such as discoloration or scratches caused by use are not covered.

During the warranty period, faults caused by product quality are repaired or the spare part replaced free of charge — contact the dealer with this manual as the warranty certificate.

Please keep this manual as your warranty certificate. Provide the product number and name to speed up after-sales service.

Parts repaired or replaced within the warranty period are covered for the remaining warranty time (minimum 3 months).

After the warranty period, the company provides lifetime service; basic service, material, labour and travel costs then apply.

Consumable parts are not covered unless there is a manufacturing defect.

Contact Information

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ISO Certifications

9001:2015 Quality Management <i>EUROCERT</i>	14001:2015 Environmental Management <i>BQV</i>	45001:2018 Health & Safety <i>BQV</i>
22301:2019 Business Continuity <i>EUROCERT</i>	46001:2019 Water Efficiency <i>BQV</i>	

Recycling of materials must be carried out in accordance with applicable regulations.