

SWIMMING POOL PUMPS

The easiest and safest way to enjoy water.

The line designed for all applications and developed to combine reliability, energy savings and excellent performance.





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**The easiest and safest
way to enjoy water.**

DAB's extensive experience in making water management simple and accessible has inspired a revamped range for pools. The line is designed for all applications: private and public swimming pools, indoor and outdoor ones, and any swimming pools that close down during winter.

Developed to combine reliability, energy savings and excellent performance, they are also designed with significant added value for the professional who services them: easy installation and maintenance.

To enjoy water without worries.

Safer and **safer**



New software

Speed modulation to better protect components (e.g. mechanical seals) in installations involving extreme conditions for hydraulic performance (especially at very low flow rates).



Relax with confidence

We care about your safety. The SVRS version of ESwim disables the pump within 4 seconds so that a trapped body or object can be immediately released.



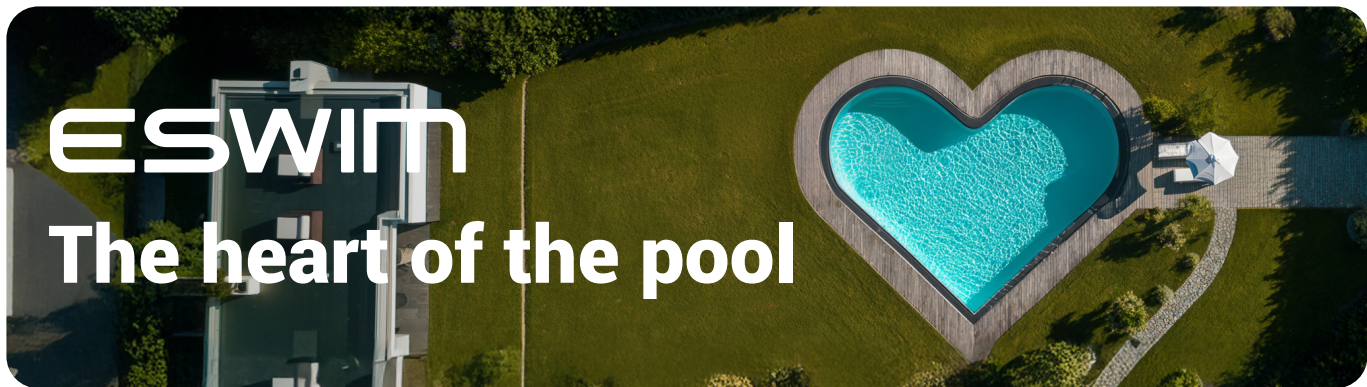
Materials used

ESwim pumps are constructed with technologically advanced materials to prevent corrosion and increase pump life.



Mechanical seal


The new mechanical seal increases the pump's longevity and reliability.



ESwim is an energy-efficient electronic pump with inverter for swimming pools. Designed for domestic and residential environments, it is also suitable for fish farming, agriculture or industry. It can treat chlorinated or saline water.

Energy savings, silence and ease of use


The highly efficient permanent-magnet motor is complemented by the water cooling system, which ensures quiet operation; the hydraulics are optimized to reduce head losses and the eight speeds optimize energy consumption; the intuitive display, programming menu and integrated diagnostics ensure ease of use; its compact shape and variable speed operation make the ESwim a versatile product that can be used in all types of pools.

 **Energy savings**

high efficiency synchronous permanent magnet motor

optimised hydraulics to reduce head losses


8 programmable speeds with timer

 **Safety**

SVRS


integrated diagnostics for pump protection

mechanical seal

 **Comfort**

quiet (water-cooled motor)

compact and anti-vibration (no cooling fan)

 **Easy to install**

variable speed and flow rate

programmable from an integrated display with a simple and intuitive interface and operated by external control unit

via connection cable

P1 MAX Q MAX H MAX DIMENSIONS

Two versions, one goal:
enjoy the pool, whatever the size.

ESWIM 150	1250 W	30 m ³ /h	16 m	550 x 300 x 316 mm
ESWIM 300	2250 W	42.5 m ³ /h	26 m	574 x 304 x 354 mm

Energy savings

The new ESwim is the best solution to reduce energy consumption. At low speed, ESwim consumes 90% less than a conventional swimming pool pump.

This also translates into a more efficient system and optimized electricity costs, thanks to the combination of:

Synchronous permanent magnet motor

Inverter

High-efficiency hydraulics to minimize head losses

8 programmable speeds



ESWIM

The heart of the pool



RELAX WITH CONFIDENCE

We care about your safety. The SVRS version of ESwim disables the pump within 4 seconds so that a trapped body or object can be immediately released.



LOW NOISE

ESwim is the quietest pump on the market, thanks to its water-cooled motor technology.

No vibrations, no cooling fan, inverter and anti-vibration feet ensure unmatched comfort.



EASY TO INSTALL

Thanks to dedicated software, you can not only adjust the pump speed (variable or constant speed operation) but also directly control the flow rate (variable or constant), ensuring unmatched ease of programming and installation.

The interface is intuitive and the screen is a high-definition 70X40 mm LCD: this allows easy, immediate access to all system information and main settings.



CUSTOMISABLE CONFIGURATION

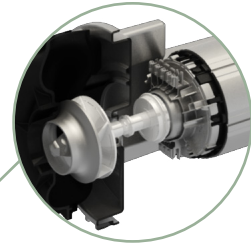
You can use the preset setpoint with unlimited time, or configure the pump with a specific time. Everything can be adjusted directly from the keypad. Furthermore, ESwim can be programmed weekly in manual or automatic mode thanks to the built-in hardware and software features.

Technical data



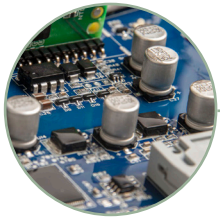
USER INTERFACE PANEL

Intuitive interface panel for instant control of the pump, which can be programmed to suit every need. High-resolution LCD display.



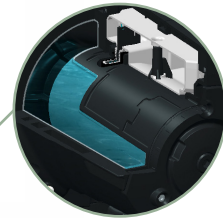
SYNCHRONOUS PERMANENT MAGNET MOTOR

The new synchronous permanent magnet motor sets a new market benchmark for efficiency and reliability.



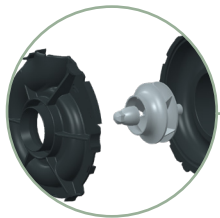
VARIABLE SPEED AND FLOW RATE

Electronic inverter board to control speed or flow (variable or constant) to optimize performance and minimise consumption without requiring sensors.



WATER COOLING

The motor is cooled by pumped water; this eliminates the need for the cooling fan, resulting in a more compact product that can be installed in small, poorly ventilated spaces.



HIGH-EFFICIENCY HYDRAULICS

The impeller and volute are specifically designed for improved and optimized hydraulic performance.



VIBRATION-DAMPING FEET

The base ensures stability and is equipped with rubber feet that reduce vibration.



REMOTE CONTROL

ES250 can be controlled remotely with digital services or in analogue mode via cable (4-20mA / 0-10V).

Euroswim



EuroSwim is a pump for domestic and residential use, for filtration in swimming pools with chlorinated or saline water, or in fish farms.

QUIET AND RELIABLE



ENERGY SAVINGS

High performance with low power consumption



RELIABILITY

Resistant materials even under extreme conditions



LOW NOISE

Quiet operation - 60 dB(A)



SIMPLICITY

Transparent cover, easy to open for filter cleaning

Certifications:



Model

Q = 10 m

EUROSWIM 50 11 m³/h

EUROSWIM 75 14 m³/h

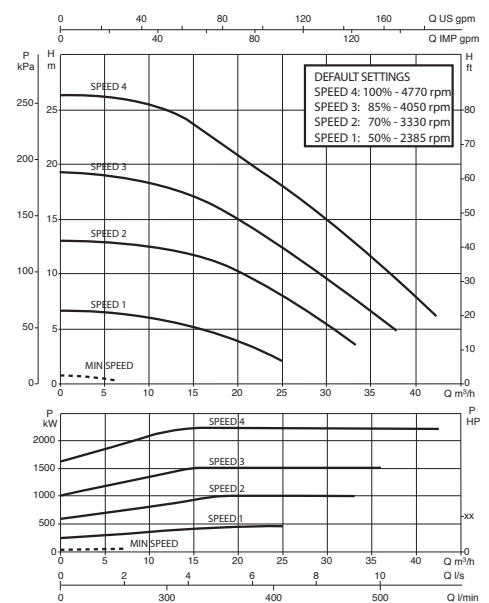
EUROSWIM 100 16 m³/h

EUROSWIM 150 23 m³/h

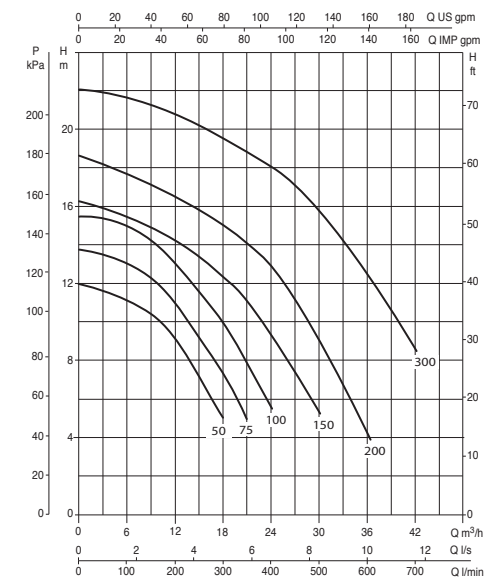
EUROSWIM 200 30 m³/h

EUROSWIM 300 38 m³/h

ESWIM 300



EUROSWIM



Selection table

Private swimming pool

	Swimming pool dimensions (m)	Water volume (m ³)	Flow (m ³ /hour)	Model
Private swimming pool	8 x 4	from 35 to 40	9	ESWIM 150 EUROSWIM 75
	from 8 x 4 to 10 x 5	from 50 to 70	12	ESWIM 150 EUROSWIM 75 EUROSWIM 100
	from 10 x 5 to 12 x 5	from 70 to 90	15	ESWIM 300 EUROSWIM 150
	from 11 x 6 to 12 x 6	from 90 to 110	18	ESWIM 300 EUROSWIM 150 EUROSWIM 200
Public swimming pool	8 x 4	from 35 to 40	14	ESWIM150 EUROSWIM 100 EUROSWIM 150
	from 8 x 4 to 10 x 5	from 50 to 70	24	ESWIM 300 EUROSWIM 150 EUROSWIM 200
	from 10 x 5 to 12 x 5	from 70 to 90	30	EUROSWIM 200 EUROSWIM 300
	from 11 x 6 to 12 x 6	from 90 to 110	40	ESWIM 300 EUROSWIM 300

Technical data



DESIGN

This innovative solution combines an attractive look with materials that are highly resistant to corrosion and oxidation.



HYDRAULIC COMPONENTS

All components that come into contact with liquid are in polypropylene or glass-fibre reinforced Noryl. Glass-fibre reinforced Noryl impeller, designed to provide total coverage and insulation of the motor shaft from corrosion.



VIBRATION-DAMPING FEET

The base ensures stability and is equipped with rubber feet that reduce vibration.



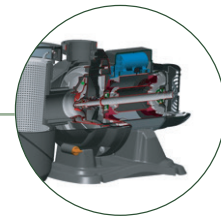
QUICK AND EASY CONNECTION

2" female threaded suction and delivery connections. Available on request: 3-piece solvent weld union, 50/63 mm.



LARGE CAPACITY PREFILTER

Integrated prefilter with capacity up to 5 litres; transparent lid, which can be removed without tools; internal filter easy to remove and clean.



MOTOR

Aluminium motor casing with cathoporesis-coated surface for corrosion resistance. Equipped with condensate draining holes. Heavy-duty sealed bearings. Motor suitable for operation at ambient temperatures up to +50°C.



TERMINAL BOX

Quick and easy connection. Completely sealed and separated from the motor to protect it from accidental damage. Capacitor permanently fitted on single-phase motors.

Comparison table



Features

ESWIM

Euroswim

HIGH-EFFICIENCY HYDRAULIC SYSTEM	✓	✓
RELIABLE AND DURABLE COMPONENTS	✓	✓
LCD DISPLAY	✓	✗
8 SPEEDS WITH PROGRAMMABLE TIMER	✓	✗
INTEGRATED DIAGNOSTICS FOR PUMP PROTECTION	✓	✗
VARIABLE SPEED OPERATION	✓	✗
VARIABLE FLOW RATE OPERATION	✓	✗
CONSTANT FLOW RATE OPERATION	✓	✗
HIGH-EFFICIENCY BRUSHLESS PERMANENT MAGNET MOTORS	✓	✗
WATER COOLING, NO COOLING FAN	✓	✗
BACKWASH MODE	✓	✗

EUROCOVER

Enjoy your pool without a worry... even when you're not using it.

Eurocover is a submersible pump for draining swimming pool covers. The large base ensures stability, while the integrated float ensures automatic operation down to approximately 3 mm residual water.

Cleaning and maintenance are easy: the prefilter lid is made of transparent polycarbonate with bayonet closure, requiring no tools to open.





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