

SWIMMING POOL PUMPS



DABPUMPS.COM



DAB[®]
WATER • TECHNOLOGY



1.500

DAB PEOPLE

304
MILLION €

TOTAL SALES

43

YEARS

19

COMPANIES
AROUND
THE GLOBE

OVER
2,6
MILLION

PIECES
PRODUCED

Data updated at end 2017

Technological integration, design and passion: this is DAB.

To combine over 40 years of business tradition with the technological evolution that the sector of handling and water management requires, is the goal that DAB has settled on bringing forth an ambitious and challenging project.

A commitment that has borne fruit and a result, that today's, was created by combining all the forces that make up DAB, from its people to its clients.

With several acquisitions in recent years, DAB has reached the goal of being identified as a unique partner in the market of electronic

pumps, motors for submerged pumps and electronic solutions for pumping systems.

The ability to count, internally, on the different technologies means, not only greater agility of the production facilities, but also for better control of the products themselves.

The secret of lasting success is the ability to shape oneself according to the changes in the market, to always be ready to grasp opportunity, anticipate their demands and to be a source of innovative ideas.



think global, act local

DAB is present in many countries; production capacity and capillary distribution worldwide allow extreme effectiveness and timelessness in the processing of orders. The consequence of coordinated and optimized processes

allows us to guarantee the same performance and results anywhere in the world.

This allows DAB to provide a timely 360° service, providing constant support before and after sales while always maintaining the same level of quality.

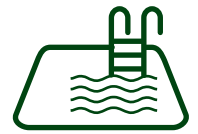


6 PRODUCTION PLANTS

4 PLANTS DAB ITALY
DAB HUNGARY
DAB CHINA

12 SALES COMPANIES

DAB UK	DAB SOUTH AFRICA
DAB GERMANY	DAB POLAND
DAB BELGIUM	DAB USA
DAB NETHERLANDS	DAB MEXICO
DAB SPAIN	DAB OCEANIA (Melbourne)
DAB RUSSIA	DAB CHINA



E-Swim is the new electronic pump of Dab Pumps suitable for swimming pool water recirculation and filtering systems (including salt water) for the residential and civil sectors, and for applications with aggressive liquids in fishing and agriculture. It guarantees silent operation, comfort and versatility.

The distinguishing features that make this pump unique are the high efficiency water-cooled permanent magnet motor, which ensures extremely quiet operation, the hydraulics optimised to reduce load losses, the eight programmable speeds that provide energy savings. The intuitive display, the programmable menu, the integrated diagnostics for the protection of the pump and the quiet operation ensure maximum comfort during use.

Versatility is also another strong point of the product, which has a compact design without fan, thanks to the water cooling system. The variable speed operation makes e.swim suitable for all types of swimming pools

E.Swim is the swimming pool pump for those who seek quiet operation, energy savings and efficiency.



Energy Saving

up to 90% to any other traditional solution



Extreme Silent Running

45db(A)

Thanks to water cooling technology



High Efficiency

thanks to the new brushless motor, new hydraulics, new electronic board



Display LCD

Easy to install and use with large LCD display



e.pro

Version with two knobs opening system.



AWARDS AND CERTIFICATIONS

Award received at MCE 2016

Percorso **Efficienza**  **Innovazione**
oltre la classe A  2016

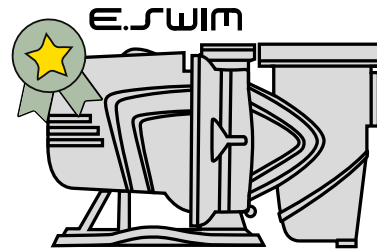


OVERVIEW

ENERGY SAVING

The new e.swim is the best solution to dramatically reduce energy consumption, thanks to:

- High efficiency brushless magnet motor
- High efficient hydraulics to reduce pressure losses
- 8 settable speeds



1

EXAMPLE WITH 3 CYCLES PER DAY, 10 HOURS A DAY AND 200 DAYS OF OPERATION PER YEAR

POOL SIZE	MODEL	ENERGY COST €/kWh	E.SWIM SAVING 1 DAY	E.SWIM SAVING 1 YEAR	E.SWIM SAVING 5 YEAR
30 m ³	0,5 Hp single speed	0,12	€ 0,17	€ 33,60	€ 168,00
		0,24	€ 0,34	€ 67,20	€ 336,00
45 m ³	0,75 Hp single speed	0,12	€ 0,35	€ 69,60	€ 348,00
		0,24	€ 0,70	€ 139,20	€ 696,00
60 m ³	1 Hp single speed	0,12	€ 0,52	€ 103,20	€ 516,00
		0,24	€ 1,03	€ 206,40	€ 1.032,00
70 m ³	1,5 Hp single speed	0,12	€ 0,66	€ 132,00	€ 660,00
		0,24	€ 1,32	€ 264,00	€ 1.320,00



SAFETY FIRST

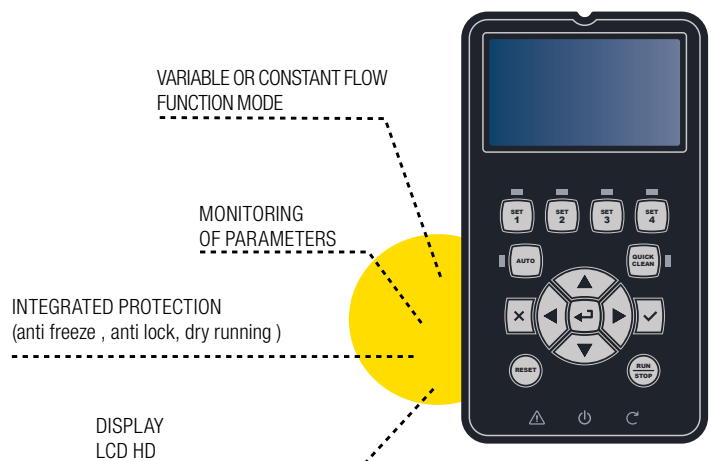
E.Swim with SVRS software gives you full peace of mind: we have designed a system that disables the suction of the swimming pool pump, so that bodies or objects trapped against the suction port may be quickly released.



EASY INSTALLATION

The specific software allows to operate not only at different speeds, but also at variable or constant flow rates, thus guaranteeing a unique use experience.

LCD 70X40 mm high-resolution screen. The intuitive interface gives access to all the system information and the main settings depending on the specific application.

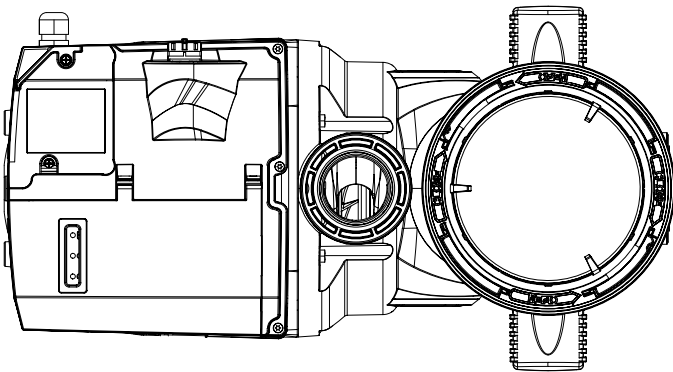
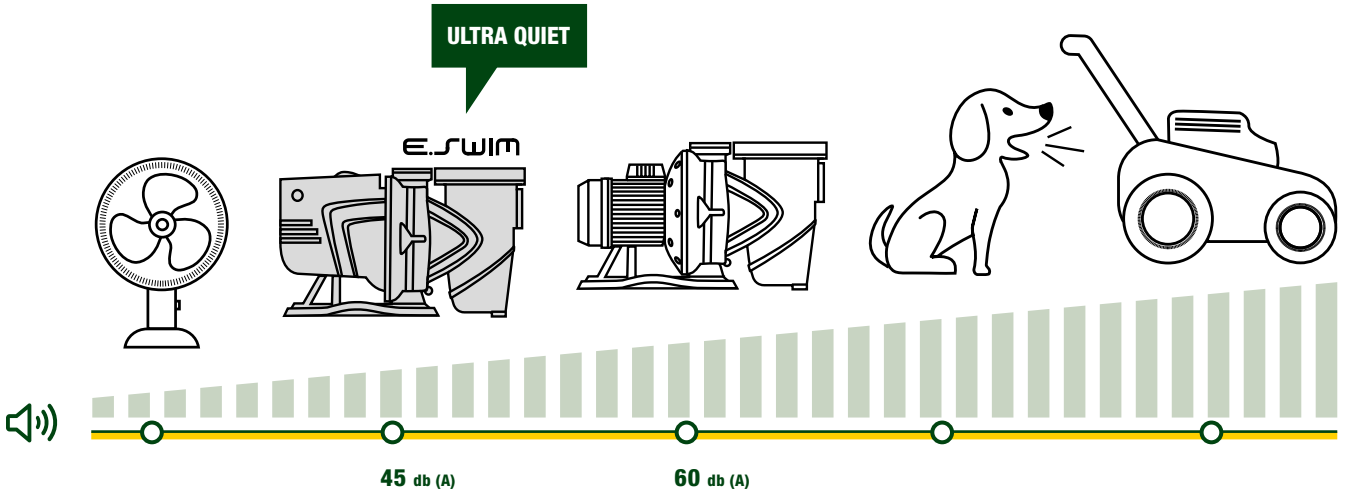


OVERVIEW

LOW NOISE

NO VIBRATIONS

Extreme silent running, thanks to the water cooled technology
 No vibration, no cooling fan, anti vibration feet. The special water cooled motor, the inverter and the anti vibration feet make e.swim the most silent swimming pool pumps on the market.



VERSATILITY

Wide choice and flexibility of use,
 manual or automatic operation,
 integrated control menu or connection from
 external control unit

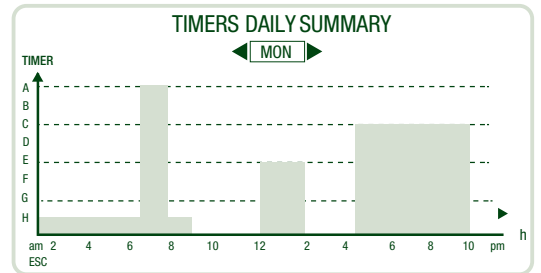
MANUAL



Set point pre-set with unlimited time or configurable with specified time. Editable via panel.

AUTO

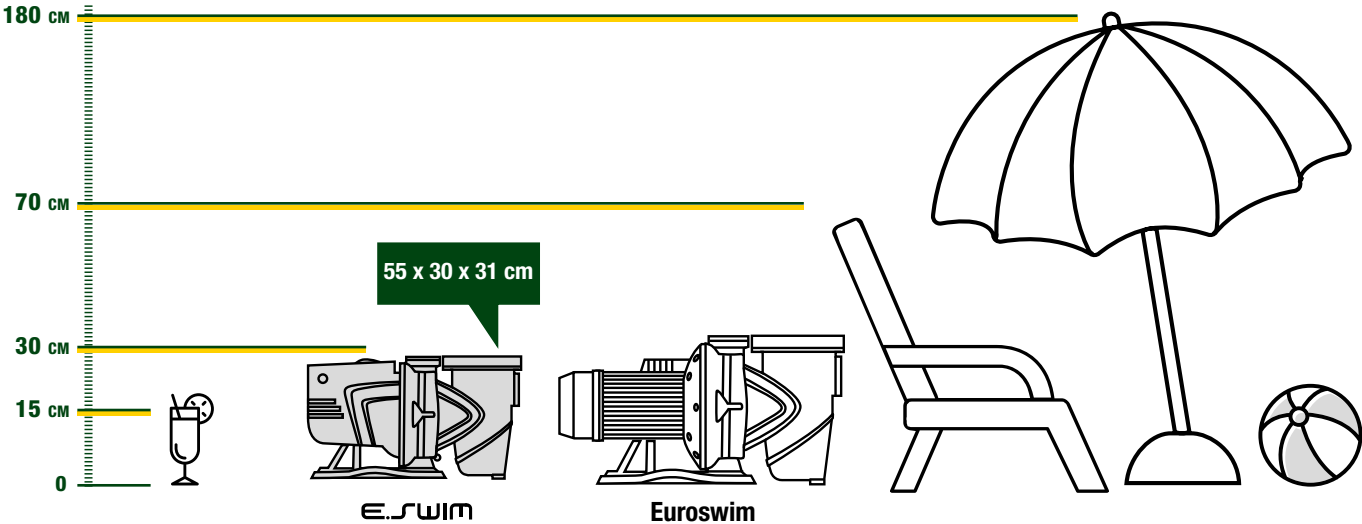
Auto operation with daily and weekly timer scheduling of different speeds. Possibility to control the pump from REMOTE via digital or analogue contact (4-20mA / 0-10V)



MINIMUM SPACE REQUIREMENT

MAX COMPACTNESS

The new structure and ergonomic design make for a compact product that can be installed anywhere. It occupies 30% less space than any other conventional system.



FEATURES



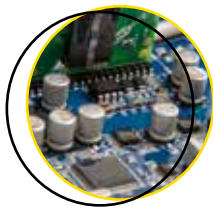
DESIGN

This innovative solution combines aesthetics with sturdy materials highly resistant to corrosion and oxidation.



INTEGRATED PREFILTER

It has a large canister, up to 5 liters, a transparent lid that can be removed without tools, and an internal filter easy to take out and clean.



VARIABLE SPEED / FLOW CONTROL

The inverter control board allows operation at variable speed or flow rate, optimising performance and reducing consumption without the need for sensors.



SYNCHRONOUS MOTOR WITH PERMANENT MAGNETS

The new synchronous motor with permanent magnets represents a new benchmark on the market due to its efficiency and reliability.



HIGH EFFICIENCY HYDRAULICS

The impeller and volute are designed specifically to improve/optimize hydraulic performance.



WATER COOLING

Motor cooled by the pumped water, free from fan cooling. It gains in compactness and low noise.



ANTI-VIBRATION FEET

The supporting base guarantees stability with integrated rubber feet that reduce vibrations.



USER INTERFACE PANEL

Intuitive interface panel for immediate control of the pump and programming according to any needs. High resolution LCD display.



DAB AND SWIMMING POOLS

DAB's pumps for swimming pools are developed to guarantee reliability, efficiency and ease of maintenance, and designed to offer added value for the installer and considerable savings, as well as comfort for the end user.

The pumps are suitable for all types of application, from small residential swimming pools to public swimming pools.

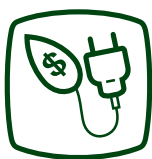


Euroswim

HIGH RELIABILITY



High performance self-priming centrifugal pump with built-in pre-filter for the circulation of swimming pool water (including salt water) for residential and domestic environments. Quiet and reliable



Energy Saving

high performance with low energy consumption



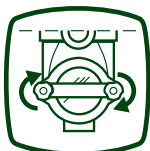
Noiseless (60 DBA)

Silent running



Reliability

Corrosion resistant materials for a long life even at extreme conditions



Semplicity

easy-to-open transparent cover for quick cleaning of the filter



MODEL	Q = 10 m
EUROSWIM 50	11 m ³ /h
EUROSWIM 75	14 m ³ /h
EUROSWIM 100	16 m ³ /h
EUROSWIM 150	23 m ³ /h
EUROSWIM 200	30 m ³ /h
EUROSWIM 300	38 m ³ /h

CERTIFICATIONS



FEATURES



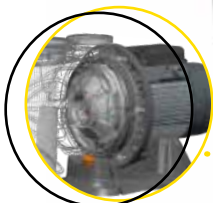
DESIGN

This innovative solution combines aesthetics with sturdy materials highly resistant to corrosion and oxidation.



QUICK AND EASY CONNECTION

In & Out connection female, threaded 2".
Optional on request: special 3 pieces adjustment 50/63 mm.



HYDRAULIC COMPONENTS

All components in contact with the liquid are made in polypropylene or noryl with glass fiber.
High efficiency Impeller with special design to cover and protect motor shaft against corrosion (motor is completely insulated).



LARGE PREFILTER

It has a large canister, up to 6 liters.
Motor (suitable up to 60°) a transparent lid that can be removed without tools, and an internal filter easy to take out and clean.



ANTI-VIBRATION FEET

La base di appoggio garantisce stabilità ed è fornita di piedini in gomma che riducono le vibrazioni.



MOTOR

All metallic components are with surface treatment.
Suitable for working at high temperature environment (up to 50°C).
With exhaust condensate holes.
Capacitor is internal in the terminal board box.
Water proof bearings.



TERMINAL BOARD BOX

Easy and fast line connection.
It is totally closed against electrical motor to avoid any accidentally solid bodies entry.

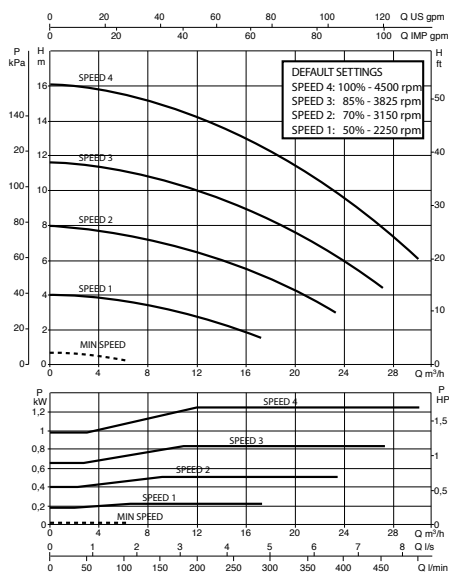
SELECTION TABLE

RESIDENTIAL SWIMMING POOL

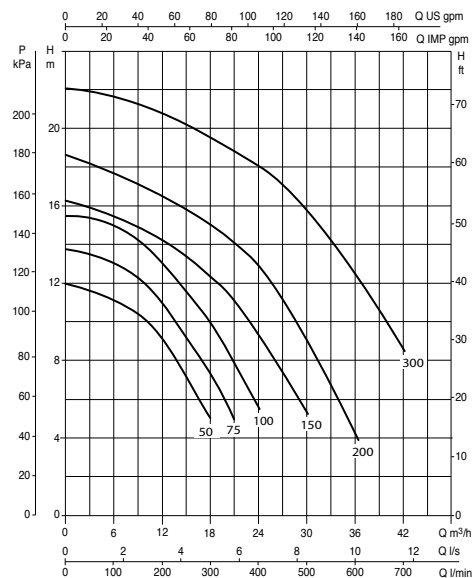
	DIMENSIONS OF POOL (m)	VOLUME OF WATER (m ³)	FLOW (m ³ / h)	MODEL	
PRIVATE SWIMMING POOL	8 x 4	35 to 50	9	E.SWIM 150	EUROSWIM 50
	8x4 to 10x5	50 to 70	12	E.SWIM 150	EUROSWIM 75
	10x5 to 12x5	70 to 90	15	E.SWIM 150	EUROSWIM 75 EUROSWIM 100
	11x6 to 12x6	90 to 110	18	E.SWIM 150	EUROSWIM 100
PUBLIC SWIMMING POOL	8 x 4	35 to 50	14	E.SWIM 150	EUROSWIM 75
	8x4 to 10x5	50 to 70	24	E.SWIM 300	EUROSWIM 200
	10x5 to 12x5	70 to 90	30	E.SWIM 300	EUROSWIM 200 EUROSWIM 300
	11x6 to 12x6	90 to 110	40	E.SWIM 300	EUROSWIM 300

*Times for complete recirculation of water within 6 hours for private pool and 2/3 hours for public pool

E.SWIM



Euroswim





COMPARISON TABLE



E.SWIM



Euroswim

FEATURES	E.SWIM	Euroswim
HIGH EFFICIENCY HYDRAULICS		✓
HIGHLY RELIABLE AND DURABLE COMPONENTS	✓	✓
SMALL SIZE, FOR EASE OF INSTALLATION		✓
LCD DISPLAY	✓	✗
8 SPEEDS THAT CAN BE SET WITH TIMER	✓	✗
INTEGRATED DIAGNOSTICS FOR PROTECTION OF THE PUMP	✓	✗
DAB CONNECTIVITY	✓	✗
OPERATION AT VARIABLE SPEED	✓	✗
OPERATION AT VARIABLE FLOW RATE	✓	✗
OPERATION AT CONSTANT FLOW RATE	✓	✗
HIGH EFFICIENCY “BRUSHLESS” MOTORS WITH PERMANENT MAGNETS	✓	✗
WATER COOLING WITHOUT NEED FOR FAN	✓	✗
BACKWASHING MODE	✓	✗

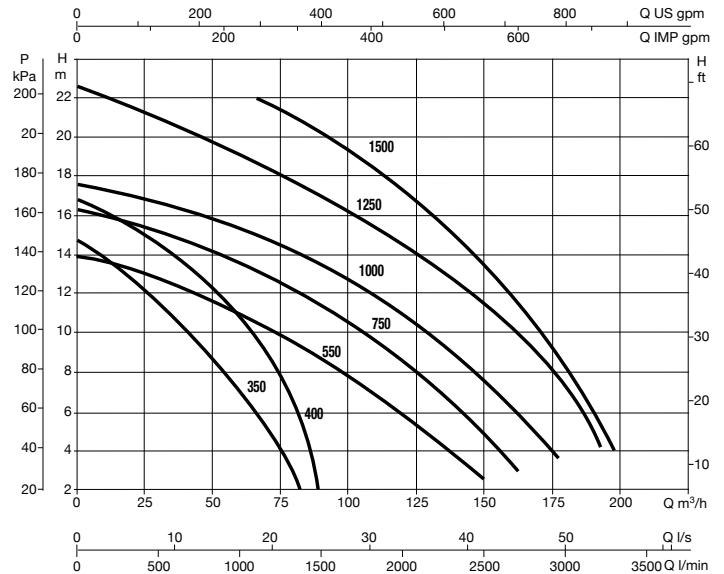


PUBLIC POOLS

EUROPRO HIGH FLOW

SWIMMING POOL LARGE FILTRATION

Self-priming, high-performance centrifugal pumps, with built-in large capacity prefilter. 2 or 4 pole motor completely isolated from the water. Extremely quiet and highly reliable, developed for the circulation and filtration in large swimming pool filtration systems. Also suitable for particular applications that require handling of seawater thanks to the mechanical seal made of AISI 316.



NKM-G / NKP G

SWIMMING POOL LARGE FILTRATION

The new range of prefilters gives the possibility of using the standardised monobloc centrifugal pumps of the NKM-G/NKP-G ranges, starting from DN 40 up to DN 150, for the circulation of water in large filtration systems

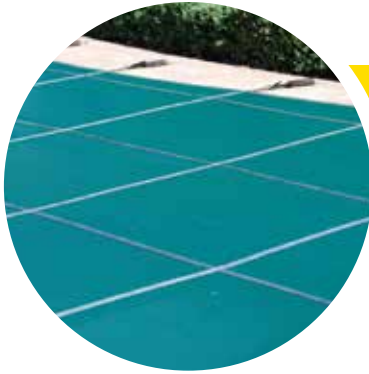


DRAINAGE PUMPS

EUROCOVER

SWIMMING POOL COVER PUMP

Technopolymer submersible pumps for draining swimming pool covers. The large support base guarantees stability, and the built-in float ensures automatic operation.



NOVA UP

VERTY NOVA



NOVA UP MAE

Submersible pumps in technopolymer ideal for draining in residential environments subject to flooding or for portable applications such as emptying swimming pools, fountains and small excavations.

FEKA BVP

FEKA VX



Submersible pumps ideal for draining and emptying in the residential sector. Suitable for pumping dirty water with solid particle size up to 50 mm.

NOVA SW

NOVA POND



Submersible pumps ideal for the recirculation of water in ponds and to create waterfalls and water features.

SELF-PRIMING PUMPS

JETCOM SP - EUROCOM SP

SWIMMING POOL WATER SUPPLY

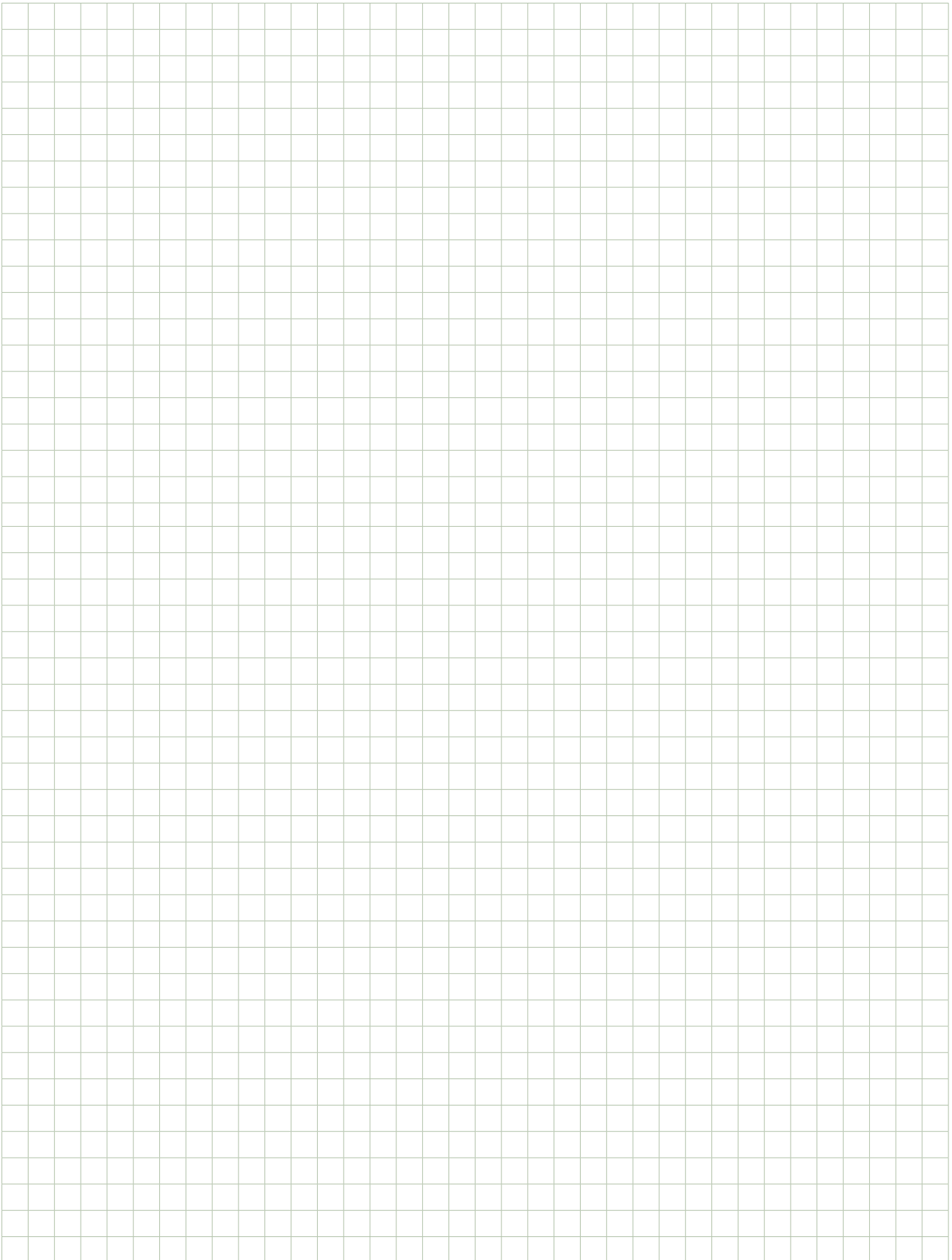
Horizontal axis multistage centrifugal pump, characterised by extremely quiet operation. A hydraulic pool cleaners and all applications involving the circulation of aggressive water in general containing chlorine.



MULTI 4 SW

Models specifically constructed to pump salt water.





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