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.

Technological integration, design and passion: this is DAB.
DAB is present in many countries; production capacity and capillary distribution worldwide allow extreme effectiveness and timeless quality 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.

think global, act local

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**6 PRODUCTION PLANTS**
- DAB Italy
- DAB Hungary
- DAB China

**12 SALES COMPANIES**
- DAB UK
- DAB Germany
- DAB Belgium
- DAB Netherlands
- DAB Spain
- DAB Russia
- DAB South Africa
- DAB Poland
- DAB USA
- DAB Mexico
- DAB Oceania (Melbourne)
- DAB China

**2 REPRESENTATIVE OFFICES**
- DAB Ukraina
- DAB Kenya (Nairobi)
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.
THE HEART OF THE SWIMMING POOL

ELECTRONIC CENTRIFUGAL PUMPS

The pump is the beating heart of the swimming pool since it moves the water for the purpose of filtration and treatment. A conventional pump, however, can be extremely expensive as it consumes more power than all the other devices combined. For this reason, DAB designed the highly energy-efficient E.SWIM electronic pump with low-consumption variable speed motor and hydraulics far superior to those of single-speed pumps.

E.SWIM is the ideal solution for keeping down energy costs: it requires up to 90% less power than a conventional pump at constant speed.

NEW

E.SWIM

Energy Saving
up to 90% to any other traditional solution

Extreme Reliability
components designed for long life

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

* SUITABLE FOR SALT WATER

32 m³/h
16 m

Version with two knobs locking system.

AWARDS AND CERTIFICATIONS

Award received at MCE 2016

Percorso Efficienza Innovazione oltre la classe A © 2016

ENERGY STAR

NSF

NEUER TECHNIK 2020
**OVERVIEW**

**ENERGY SAVING**

Guarantees the comforts and savings of constant pressure in the system thanks to:

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

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

<table>
<thead>
<tr>
<th>POOL SIZE</th>
<th>MODEL</th>
<th>ENERGY COST €/kWh</th>
<th>E.SWIM SAVING 1 DAY</th>
<th>E.SWIM SAVING 1 YEAR</th>
<th>E.SWIM SAVING 5 YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 m³</td>
<td>0.5 Hp</td>
<td>0.12</td>
<td>€ 0.17</td>
<td>€ 33.60</td>
<td>€ 168.00</td>
</tr>
<tr>
<td></td>
<td>single speed</td>
<td>0.24</td>
<td>€ 0.34</td>
<td>€ 67.20</td>
<td>€ 336.00</td>
</tr>
<tr>
<td>45 m³</td>
<td>0.75 Hp</td>
<td>0.12</td>
<td>€ 0.35</td>
<td>€ 69.60</td>
<td>€ 348.00</td>
</tr>
<tr>
<td></td>
<td>single speed</td>
<td>0.24</td>
<td>€ 0.70</td>
<td>€ 139.20</td>
<td>€ 696.00</td>
</tr>
<tr>
<td>60 m³</td>
<td>1 Hp</td>
<td>0.12</td>
<td>€ 0.52</td>
<td>€ 103.20</td>
<td>€ 516.00</td>
</tr>
<tr>
<td></td>
<td>single speed</td>
<td>0.24</td>
<td>€ 1.03</td>
<td>€ 206.40</td>
<td>€ 1.032.00</td>
</tr>
<tr>
<td>70 m³</td>
<td>1.5 Hp</td>
<td>0.12</td>
<td>€ 0.66</td>
<td>€ 132.00</td>
<td>€ 660.00</td>
</tr>
<tr>
<td></td>
<td>single speed</td>
<td>0.24</td>
<td>€ 1.32</td>
<td>€ 264.00</td>
<td>€ 1.320.00</td>
</tr>
</tbody>
</table>

**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.

**VARIABLE OR CONSTANT FLOW FUNCTION MODE**

**MONITORING OF PARAMETERS**

**INTEGRATED PROTECTION** (anti freeze, anti lock, dry running)

**DISPLAY** LCD HD
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)

ULTRA QUIET

45 db (A) 60 db (A)
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.
INTEGRATED PREFILTER
It has a large canister, a cover that can be removed without tools, and an internal filter easy to take out and clean.

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

VARIABLE SPEED / FLOW CONTROL
The inverter control board permits operation at variable speed or flow rate, optimising performance and reducing consumption without the need for sensors.

HIGH EFFICIENCY HYDRAULICS
The impeller and volute are designed specifically to improve/optimise hydraulic performance.

SYNCHRONOUS MOTOR WITH PERMANENT MAGNETS
The new synchronous motor with permanent magnets represents a new benchmark on the market due to its efficiency and dependability.

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.
**CENTRIFUGAL PUMPS**

Self-priming centrifugal high performance electric pumps with incorporated high capacity pre-filter. Completely watertight motor. Extremely silent and highly reliable, developed for the circulation and filtration of water in domestic and residential swimming pools.

- **Efficiency**
  - high performance with low energy consumption

- **Noiseless**
  - Silent running 60 DBA

- **Reliability**
  - Corrosion resistant materials for a long life even at extreme conditions (+ 60° ambient temperature)

* SUITABLE FOR SALT WATER

**EUROPRO**

Version with two knobs locking system.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Q at 10 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUROSWIM 50</td>
<td>11 m³/h</td>
</tr>
<tr>
<td>EUROSWIM 75</td>
<td>14 m³/h</td>
</tr>
<tr>
<td>EUROSWIM 100</td>
<td>16 m³/h</td>
</tr>
<tr>
<td>EUROSWIM 150</td>
<td>23 m³/h</td>
</tr>
<tr>
<td>EUROSWIM 200</td>
<td>30 m³/h</td>
</tr>
<tr>
<td>EUROSWIM 300</td>
<td>38 m³/h</td>
</tr>
</tbody>
</table>

**CERTIFICATIONS**

- **ENERGY STAR**
- **NSF**
**FEATURES**

- **ANTI-VIBRATION FEET**
  The supporting base guarantees stability with integrated rubber feet that reduce vibrations.

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

- **LARGE PREFILTER**
  It has a large canister, up to 6 liters, a cover that can be removed without tools, and an internal filter easy to take out and clean.

- **TERMINAL BOARD BOX**
  Easy and fast line connection, it is totally closed against electrical motor to avoid any accidentally solid bodies entry.

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

- **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).
### SELECTION TABLE

#### RESIDENTIAL SWIMMING POOL

<table>
<thead>
<tr>
<th>DIMENSIONS OF POOL (m)</th>
<th>VOLUME OF WATER (m³)</th>
<th>FLOW (m³/h)</th>
<th>MODEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 x 4</td>
<td>35 to 50</td>
<td>9</td>
<td>E.SWIM 150 EUROSWIM 50</td>
</tr>
<tr>
<td>8 x 4 to 10 x 5</td>
<td>50 to 70</td>
<td>12</td>
<td>E.SWIM 150 EUROSWIM 75</td>
</tr>
<tr>
<td>10 x 5 to 12 x 5</td>
<td>70 to 90</td>
<td>15</td>
<td>E.SWIM 150 EUROSWIM 100</td>
</tr>
<tr>
<td>11 x 6 to 12 x 6</td>
<td>90 to 110</td>
<td>18</td>
<td>E.SWIM 150 EUROSWIM 100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIMENSIONS OF POOL (m)</th>
<th>VOLUME OF WATER (m³)</th>
<th>FLOW (m³/h)</th>
<th>MODEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 x 4</td>
<td>35 to 50</td>
<td>14</td>
<td>E.SWIM 150 EUROSWIM 75</td>
</tr>
<tr>
<td>8 x 4 to 10 x 5</td>
<td>50 to 70</td>
<td>24</td>
<td>E.SWIM 300 EUROSWIM 200</td>
</tr>
<tr>
<td>10 x 5 to 12 x 5</td>
<td>70 to 90</td>
<td>30</td>
<td>E.SWIM 300 EUROSWIM 300</td>
</tr>
<tr>
<td>11 x 6 to 12 x 6</td>
<td>90 to 110</td>
<td>40</td>
<td>E.SWIM 300 EUROSWIM 300</td>
</tr>
</tbody>
</table>

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

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

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

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.
JETCOM SP - EUROCOM SP

**SWIMMING POOL WATER SUPPLY**

Horizontal axis multistage centrifugal pump, characterised by extremely quiet operation. Ideal for cleaning swimming pools and all applications involving the circulation of aggressive water in general containing chlorine.

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**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.
Utility pumps are multi-purpose pumps. Uses range from everyday applications around your swimming pool. Typical applications include, draining clear and waste water, salt water and to create water plays.

**NOVA UP**

**VERTY NOVA**

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.

**NOVA UP MAE**

**FEKA BVP**

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

**FEKA VX**

**NOVA POND**

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

**NINPHEA**

**NOVA SW**

Models specifically constructed to pump salt water.

**MULTI 4 SW**