Choosing the right equipment

Intelligent, easy to install variable-speed pump

FloPro™ VS

A range of high-quality, reinforced polyester filters, available in several diameters and designed to work perfectly with FloPro™ VS.

A pure glass filter media, available in two grain sizes, for exceptionally fine filtration and water savings (very short backwashes).

FloPro™ VS goes along with the patented MagnaPool™ system, for a complete ecosystem and unequalled water treatment that includes the benefits of magnesium.

FOR FLOPRO™ VS SYSTEMS

Zodiac® filter and Crystal Clear filter media

SPECIFICATIONS

- Power rating: 1.65 HP
- Power supply: 220-240 V – 50 Hz
- Max P1: 1.50 kW
- Max P2: 1.23 kW
- Max Flow: 29.5 m³/h
- Flow at 10 m: 24.0 m³/h
- Max HMT: 21.6 m
- Speeds: 600-2850 RPM
- 8 speeds can be saved
- Insulation: Class F
- Unit protection rating: IPX4
- Outlets: Dry contacts, external activation; speeds 1-4, RS485 control for connection to AquaLink® TRI automation unit

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As an essential component of every swimming pool, the pump maintains water quality by recirculating it through filtration system and the water treatment. Following years of research, Zodiac® has developed the intelligent, easy-to-install, environmentally friendly FloPro™ VS variable-speed pump.

A SIMPLE, SAFE PRODUCT

Easy to install
Easy to retrofit using the exclusive FloPro™ system, enabling the pump to be installed without modifying the plumbing in most installations.

<table>
<thead>
<tr>
<th>Base(s)</th>
<th>Replacement</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>Hayward® TriStar® (SS &amp; VS), Super Pump® (SS &amp; VS), MaxFlo®, MaxFlo XL® (SS &amp; VS), PowerFlo IP®</td>
</tr>
<tr>
<td></td>
<td>Pentair® SuperFlo II® (SS &amp; VS), SuperMax®</td>
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<td></td>
<td>Speck® Optima</td>
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<tr>
<td>Fine</td>
<td>AstralPool® Disney, Disney Plus, Discovery, Niagara, Victoria Plus &amp; Victoria Dual Speed, Discovery, Niagara</td>
</tr>
<tr>
<td>Thick</td>
<td>DAB® (SS50, SS 75 &amp; 100)</td>
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<tr>
<td></td>
<td>Pentair® UltraFlow® (SS &amp; VS), Ultra-Glas™</td>
</tr>
<tr>
<td></td>
<td>Spa-Beta, BADU®90, BADU®90 Eco VS, EUROSTAR II, EUROSTAR ECO TOUCH</td>
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<td>Spa-Beta® (SS &amp; VS)</td>
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<td>Spa-Beta® (SS &amp; VS)</td>
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</table>

Note: Replacement compatibility is given according to pump inlet height, according to manufacturers’ data. A tolerance of +/- 10 mm is acceptable if [intake pipe length] = 4 x [pipe diameter], according to applicable hydraulic system standards.

Energy savings
With 100% variable speed, the pump can operate for longer periods during the day, at a lower speed. It works silently, and its energy consumption is reduced by up to 90%, while improving filtration efficiency. In this way, water treatment is optimised.

Intelligence
FloPro™ VS is compatible with Zodiac® Aqualink® TRI automation for optimised management of the pool and its equipment. Different speeds can be automatically assigned to each function. Thus, FloPro™ VS pays for itself in three to four seasons, thanks to energy savings (depending on the local cost per kWh).

Variable speed
FloPro™ VS can store up to 8 different speeds over a range from 600 RPM to 2850 RPM. This allows different speeds to be selected for each pool function: normal filtration, backwash, heating, cleaning, water features (slide or waterfall), etc.

<table>
<thead>
<tr>
<th>Speed</th>
<th>Duration programming (timers)</th>
<th>Maximum speed may be throttled for use with small filters, if installed in an existing pool</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Start/stop programming (timers)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Start/stop programming (timers)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Start/stop programming (timers)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Start/stop programming (timers)</td>
<td></td>
</tr>
</tbody>
</table>

The motor has electronic protection and frost protection.

VARIABLE SPEEDS: AN ECONOMICAL, ENVIRONMENTALLY SOUND SOLUTION

FloPro™ VS has a high-output motor. This is a TEC® synchronous motor with permanent magnets, using ECM technology(2).

(1) TEFC (Totally Enclosed Fan Cooled): water-resistant, fan-cooled motor
(2) ECM (Electronically Commutated Motor): 'brushless' electronically controlled motor