Viron eVo Pool & Spa Pumps
The next evolution in energy efficiency

- The right size pump to suit your pool and filtration system
- Save up to $1000 a year
- 8 star energy rating
- Reduce CO₂ emissions
- Quiet Operation
- Longer equipment life

Viron P600 eVo Pump
Viron P300 eVo Pump
Viron P280 eVo Pump
The Evolution of Energy Efficiency

AstralPool, Australia’s leaders in energy efficient pool pumps release the next evolution in energy efficiency. The Viron eVo is a range of energy efficient pumps to suit all pool sizes, filtration systems and your budget.

Most swimming pools are effectively filtered and sanitised with flow rates ranging from 120 to 200 litres per minute. In fact they will never require more than 250 to 300 litres per minute for applications such as cleaning the filter or vacuuming the pool, and for these the Viron P280 eVo or P300 eVo are ideal. However, for larger pools, multiple Spa Jets, water features or in floor cleaning systems, a larger capacity pump may be required. For these applications, AstralPool have developed the Viron P600 eVo, a pump with an impressive 600 litres per minute flow rate.

Simplicity of Operation

Unlike so many complicated appliances today, Viron eVo has been carefully designed for ease of operation. 3 programmed speeds are factory preset and will suit most pools and most applications. Each speed however, is able to be adjusted with a simple press of an up or down button. Operation is intuitive, with specific design input from the non IT generation to make the Viron eVo as user friendly as possible.

The perfect match for your pool

Many factors dictate the ideal flow rate for your pool or spa. The filter often limits the maximum flow, but so will plumbing and other equipment installed such as chlorinators, heaters, cleaners and water features. So, even though we offer three models to choose from, each pump speed can be changed to suit your pool shape, size and location, making the Viron eVo range of pumps the most flexible and easy to use variable speed pumps on the market.

Suction cleaners, pressure cleaners, waterfalls, spa jets and infloor cleaning systems are all easy to cater for with Viron eVo Pumps’ flexibility and programmability.

Energy Savings

Increasing or decreasing the speed of a pump simply changes the flow rate by the same rate. However, the actual energy used to change the speed and flow varies dramatically. Halve the speed of your pump and the flow rate will also halve but, the energy consumed drops by more than 85%.

Environmentally Friendly

The Viron eVo range takes new steps forward in environmentally friendly pumps. In fact, a conventional single speed pump uses more energy, and is the cause of more CO₂ emissions than almost any other household appliance. Viron eVo pumps reduce energy consumption by up to 90% and effectively reduce greenhouse emissions by up to 90% (when power supplied from coal fired power plants).

But, manufacturing a pump also contributes to greenhouse emissions. The larger the motor, the more raw materials go into it, and the more greenhouse emissions are used to produce the motor. AstralPool produce the right size motor for your individual application, reducing our carbon footprint in the manufacturing process.

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Is the ideal replacement for an existing 1.0hp or 1.5hp single speed pump. It is simply connected to your existing timeclock or chlorinator and your professional pool shop will adjust the three speeds to ensure you achieve the highest possible energy savings while maintaining crystal clear water. Each speed (high, medium, low) is easily adjustable to suit your individual equipment and pool’s needs, whether it be cleaner operation, spa jets or water feature. High speed is generally set to enable cleaning of your sand filter and vacuuming your pool, while low speed is set to circulate your pool water gently – saving the greatest amount of energy.

Viron P300 eVo

Is the ideal pump for a new or existing pool that encounters a leafy or heavy debris load. The huge hair and lint basket reduces the frequency of emptying and the amount of maintenance you need to attend to. Like the Viron P280 eVo, all speeds are adjustable and easily accommodate most pools.

Viron P600 eVo

The flagship AstralPool pump incorporates an inbuilt time clock and 4 timer periods for each day. A different speed can be saved to each timer period allowing the ultimate in flexibility. Special applications such as in floor cleaning or programming water features are enabled using the timeclock and speed selection for different times of day.

The Viron P600 eVo is capable of the most demanding applications with high flow and high pressure all the while delivering the utmost in energy efficiency.

In addition the P600 eVo incorporates electronic power factor correction which provides even further reductions in power consumption, even on maximum speed.
**Connectivity**

When matched with AstralPool compliant controllers, the Viron P280 and P300 eVo pumps can be programmed for different speeds at different times of the day. AstralPool’s Viron Connect in house touch screen enables selection of timer periods, different speeds and a favourite menu for one touch selection of your most commonly used operating modes. Want a spa? Press the spa button and the pump will go to high speed for spa jet operation, the heater will turn on and heat your spa, and lights and air blowers can be automatically set to turn on. Program a favourite party at night setting and your lighting, water features, pump speed are all automatically selected and turned on.

A more economical connectivity solution is to use the new AstralPool Salt Chlorinator or RolaChem automatic chemical controller to select the hours of operation and various speeds each day.

**Viron eVo Pump benefits compared to conventional single speed pump**

<table>
<thead>
<tr>
<th>Benefits</th>
<th>P280/P300</th>
<th>P600</th>
<th>Single Speed Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very Low Noise</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Reduces Green House Emissions</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Saves up to 90% of annual operating costs</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Pump runs cooler and lasts longer</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Filtration equipment lasts longer</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Improves filter capacity to capture particles</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Connectivity to Chlorinators, heaters and controllers</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Enables different speeds at different times</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

(when connected to AP Chlorinator or Connect System)

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<table>
<thead>
<tr>
<th>Benefits</th>
<th>Yes</th>
<th>Yes</th>
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</tr>
</thead>
<tbody>
<tr>
<td>In built TimeClock</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Programmable priming period</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>LCD Displays RPM and Timer Periods</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Power Factor Correction</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Energy Star Rating</td>
<td>8 Star</td>
<td>8.5 Star</td>
<td>2 to 3 Star</td>
</tr>
</tbody>
</table>

**Heating Solutions**

Gas Heaters require minimum flow rates and water pressures to operate the safety mechanisms and efficiently heat the pool or spa water. Without a total Pool Control Solution, this will often require the manual adjustment of the variable speed pump to enable the gas heater to operate.

AstralPool’s Viron eVo Pumps and compliant gas heaters are simply connected with an AstralPool data cable which avoids the need for an external controller or manual adjustment of the pump. This automatically adjusts the pump speed to supply the correct water flow and pressure to operate the gas heater.

**Warranty**

The Viron eVo Pumps are covered by a limited 3 year warranty against defects in materials and workmanship. Refer to the product manual or go to www.astralpool.com.au for full warranty details.