



1972 Since

PROTEAM Europa

VRS SILENT

INTELLIGENT VARIABLE SPEED PUMP



Variable Speed Pump



LEADING POOL TECHNOLOGY

SILENT INTELLIGENT VARIABLE SPEED PUMP

VRS Silent intelligent variable speed pump is an innovative product that combines high performance and reliability. It features ultra-quiet running, optimal speed and flow rate, which improves the efficiency of the pump, reduces maintenance and operation costs, and creates a sustainable, environmentally friendly and energy-saving solution for swimming pool water circulation.



Intelligent
Connectivity



Real-time
Monitoring



High Efficiency
& Energy Saving



Silent
Operation



Variable Speed Pump



PRODUCT SPECIFICATION

Pump body	PP+35%GF	Pump base	PP+35%GF
Seal plate	PP+35%GF	Mechanical seal	Stationary face-SiC, rotating face-Graphite, seal bellows-NBR, Spring-316L
Diffuser	PPO+30%GF		
Impeller	PPO+30%GF+copper core	Self-priming	Up to 3M
Motor shaft	SS316	Protection class	IP55
Basket	PP	Liquid Temperature	5-50C°(41~122F°)
Max. Working pressure	3.5bar	Ambient Temperature	5-50C°(41~122F°)



PRIMARY FEATURES

• Energy saving

VRS pump reduce the energy by up to 90%, saving up to 12,614kWh(2hp pump runs in 365 days).

• Excellent hydraulic performance

The advanced hydraulic design enables the HV2 pump to achieve a self-priming capability up to 3 meters, high head and massive flow.

• IE4 Motor

The IE4 high-efficiency motor is capable of long-term, stable, and efficient operation, delivering greater flow rates and higher head pressures, the overall performance is truly outstanding.

• Quite Running

System sound level 45dB in 1 meter at the speed of 1500rpm.

• Intelligent and Smart Control

- Wi-Fi connectivity, mobile App control, OTA upgrade.
- RS485 communication port, passive dry contact interface.
- Built-in one-operate-one-standby function. Supporting linkage with pumps, and meeting the design specifications for one-operate-one-standby. Equipped with fault alarm and protection, it automatically switches to the standby pump in case of abnormal conditions, ensuring stable operation around the clock.
- Download the smart App from Google play or App store

• Fully programmable and up to 4 pre-set speeds and timer functions.



DOWNLOAD THE SMART APP FROM GOOGLE PLAY OR APP STORE.

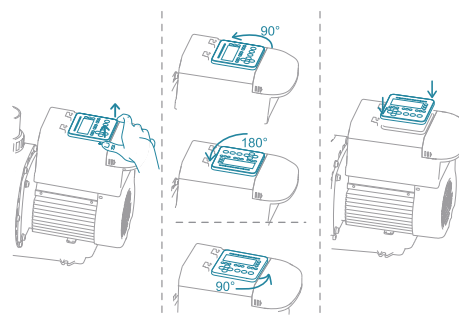


Variable Speed Pump

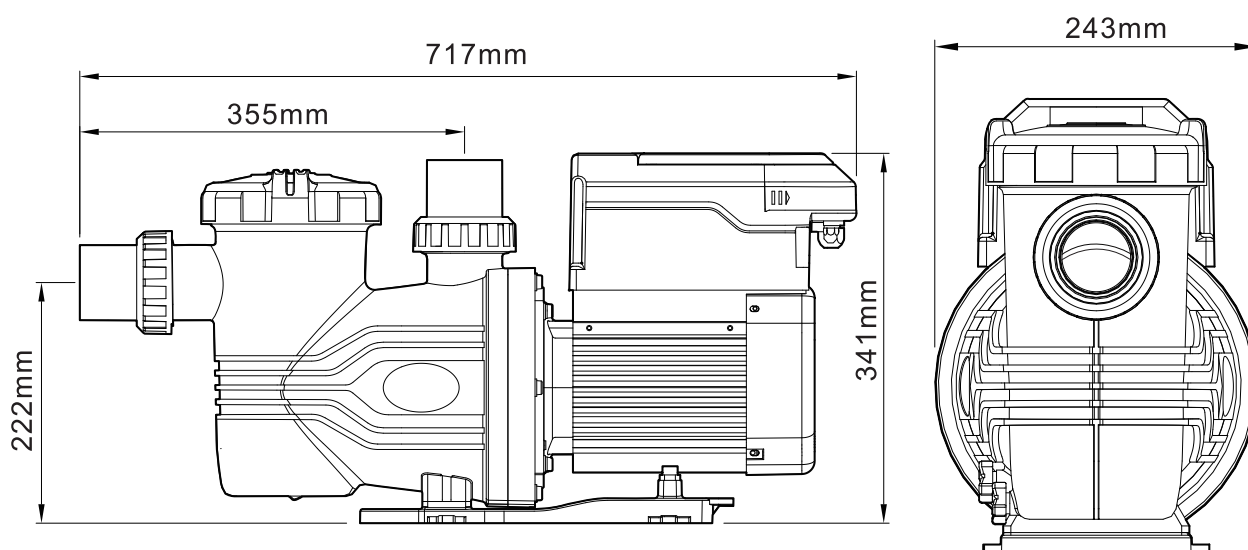


Smart connection, low maintenance

- **Motor drive includes built-in protection**
 - Temperature sensor for high temperature protection and anti-freeze protection.
 - Pressure probe for monitoring water supply pressure and flow rate changes.
 - Dry burn protection.
- **Digital control interface that can be mounted on the pump in 3 different orientations.**



Technical Information



Code	Max Flow Rate (m ³ /h)	Max Head (m)	Input Power (P ₁)	Horse Power (P ₁)	Connection Size
VRS-100	31	16.9	1000W	1HP	2 Inch/63mm
VRS-150	35	18	1300W	1.5HP	2 Inch/63mm
VRS-200	40	20	1650W	2HP	2 Inch/63mm



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