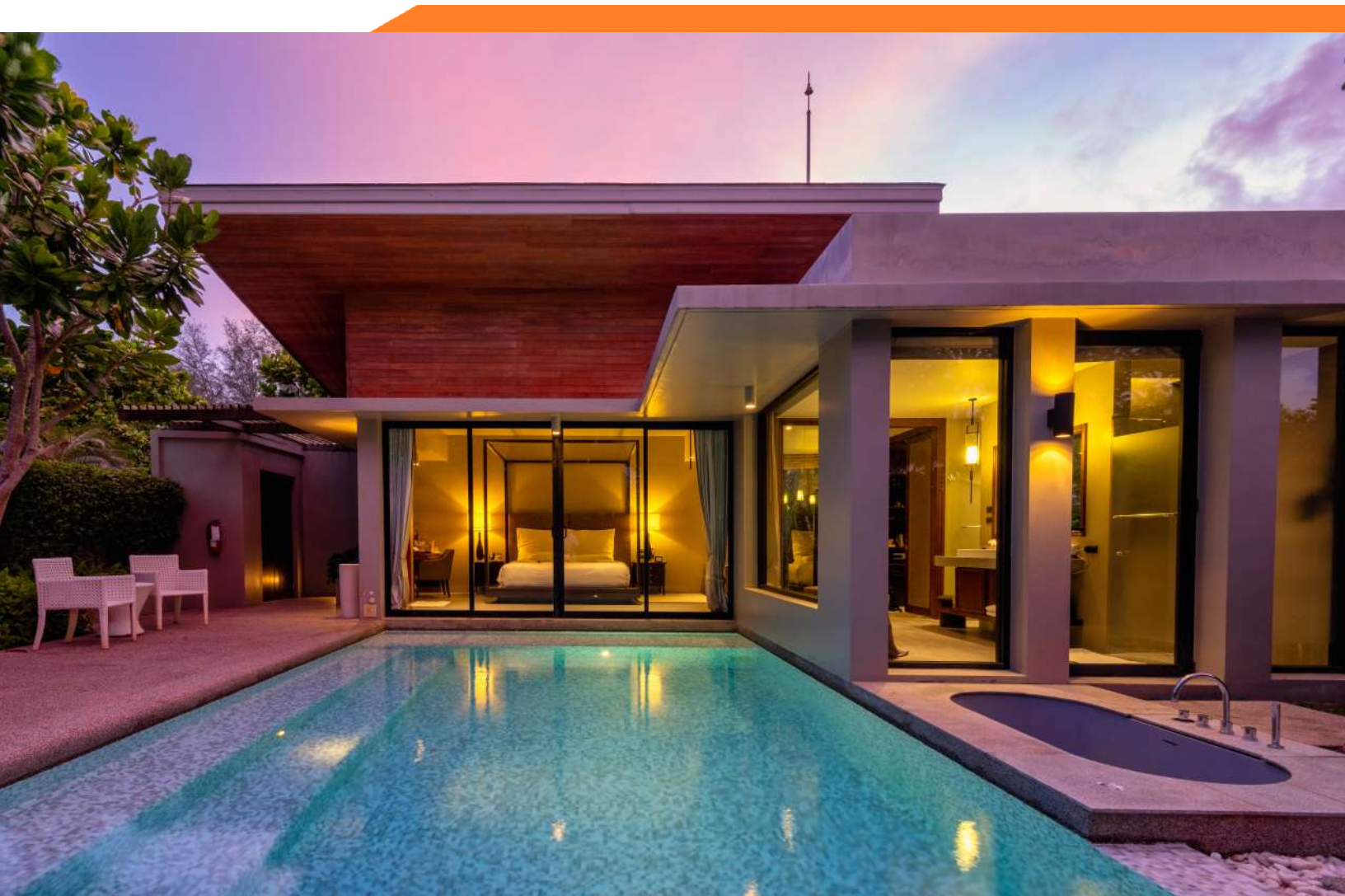




IGP20 VARIABLE SPEED PUMP



IGP20 Variable Speed Pump

- ✓ Super high efficient and performance
- ✓ The perfect choice for all types of pools
- ✓ 4 Speeds. Energy saving up to above 80% versus traditional pumps
- ✓ Extremely quiet operation

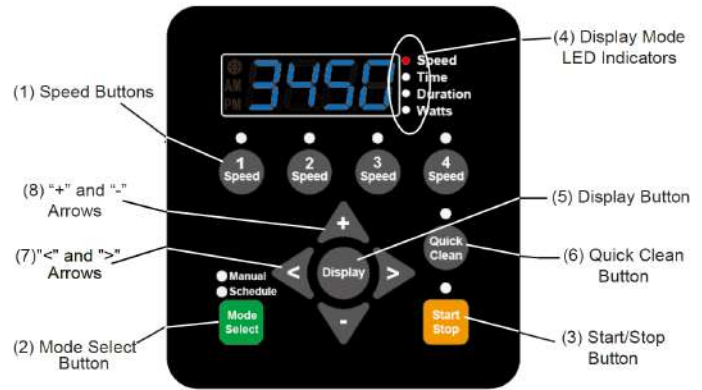


IGP20 Overview

The Variable Speed Pump uses a premium efficiency variable speed motor that provides tremendous program flexibility in terms of motor speed and duration settings. The pump is intended to run at the lowest speeds needed to maintain a sanitary environment, which in turn minimizes energy consumption. Pool size, the presence of additional water features, chemicals used to maintain sanitary conditions, and local environmental factors will impact optimal programming necessary to maximize energy conservation.

The integrated electronics interface controls the speed setting as well as the run durations. The pump can operate at speeds ranging between 450 and 3450 RPM and will operate within the voltage range of 230 Vrms at either 50 or 60Hz input frequency. Program customization may require some trial-and-error to determine the most satisfactory settings as dictated by the conditions.

In most cases, setting the pump at the lowest speed for the longest duration is the best strategy to minimize energy consumption. However, conditions may require running the pump at a higher speed for some duration of time each day to maintain proper filtration to achieve satisfactory sanitation.



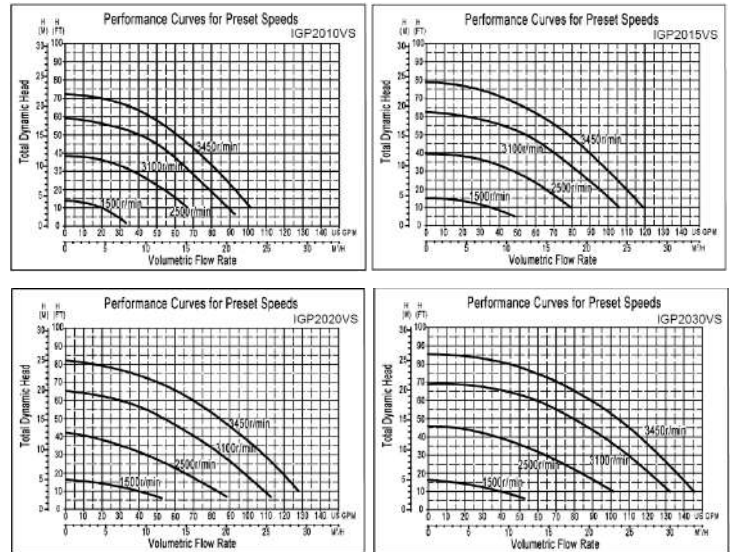
CONTROLLER FEATURES:

- ✓ Simple user interface
- ✓ IPX6 certified UV and rain-proof enclosure
- ✓ On board time of day schedule
- ✓ Adjustable priming mode
- ✓ Programmable quick clean mode
- ✓ Diagnostic alarm display and retention
- ✓ Active power factor correction

GENERAL FEATURES:

- ✓ Innovative diffuser and high-efficiency impeller maximize water flow and energy efficiency while minimizing noise and operating costs
- ✓ All components molded of corrosion-proof reinforced thermoplastic for extra durability and long life
- ✓ Permanent magnet, totally enclosed fan-cooled (TEFC) motor provides maximum energy efficiency and long-lasting performance
- ✓ See-through lid makes inspection fast and easy—engineered polymer remains clear and strong. Besides lid is easy to remove and quickly locks in place with a quarter-turn
- ✓ Massive strainer basket for ease of maintenance
- ✓ American design mechanical seal using carbon to ceramic sealing surfaces
- ✓ Stainless steel shaft
- ✓ Fully factory tested
- ✓ Self-priming
- ✓ Four speeds, energy saving up to above 80% versus traditional pumps

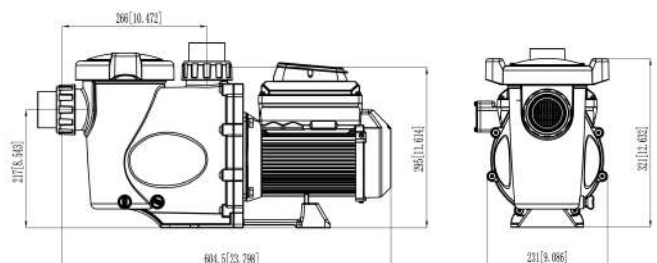
PUMP PERFORMANCE CURVE:



MODEL SPECIFICATIONS:

Overall Ratings				
Model	IGP2010VS	IGP2015VS	IGP2020VS	IGP2030VS
Input Voltage	220 V			
Input Frequency	Single phase, 50 or 60 Hz			
Input Current	5.5A	7A	8A	10A
Maximum Continuous Load	1.0HP	1.5HP	2HP	3HP
Speed Range	450 - 3450 RPM			
Environmental Rating	NEMA Type 3			
Port Size	2"x2" and 1.5"x1.5"			

PUMP DIMENSION:



Unit: mm. (inch)