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## HLVSP Series Pump



LASWIM creatively combines the most advanced technology with the professionally designed hydraulic structure of the swimming pool pump to create a more usable, quieter, more intelligent, more efficient and less expensive variable speed pool pumps.

### HLVSP series

Intelligent Permanent Magnetism Variable Speed pump that you can rely on.

### Product Introduction

LASWIM creatively combines the most advanced technology with the professionally designed hydraulic structure of the swimming pool pump to create a more usable, quieter, more intelligent, more efficient and less expensive variable speed pool pumps.

### Material

Pump housing: PP+35%

Filter basket: PP

Shaft: 316

Mechanical Seal: stationary face-SIC, rotating face-Graphite, seal bellows-NBR, Spring- 316L

Impeller: PPO+30% GF

Diffuser: PPO+30% GF

### Intelligent HLVSP variable speed pump

Fully intelligent inverter technology, all application scenarios, precise control of pump operation.

The pump can be remotely programmed and easily controlled with a smartphone.

Easy to operate

Quieter than ever before

Smart variable speed pumps always run at their best.

## Pump motor

Intelligent permanent magnet synchronous brushless motor allows 500-2900RPM stepless speed regulation.

Smooth operation, quieter, low maintenance cost, longer service life.

Stepless speed regulation, more stable, no electric spark, no interference.

Lower energy consumption, high efficiency, low vibration.

IE3 motor, energy saving and eco-friendly.

## Professional hydraulic structure design

30+ years experience in swimming pool field and professional hydraulic structure design.

Larger flow, higher head.

Efficiency and performance improvements

Less vibration and noise.

## Intelligent

All operations can be completed via mobile APP.

Support centralized management of multiple devices, you can check the status of the water pump in real time, customize functions and the protection against accidental power failure.

Support OTA upgrade, support firmware update.

## Quiet

HLVSP pumps reduce operating noise, featuring an upgraded motor drive that delivers quieter high-speed operation.

Sound level 45dB in 1 meter at the speed of 1400rpm.

## Energy saving

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

## High energy efficiency

High efficiency motor IE4.

Ambient temperature: up to 45°C (113°F)

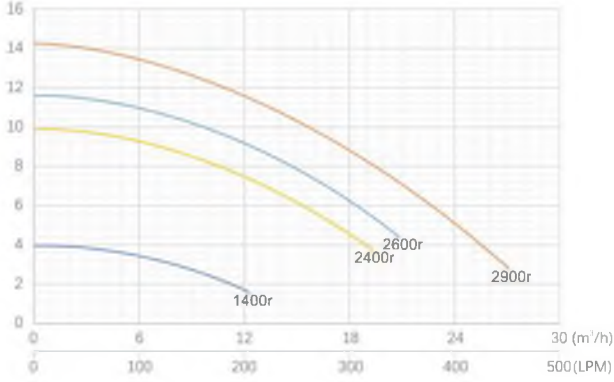
Insulation Class: F

IP55 waterproof standard.

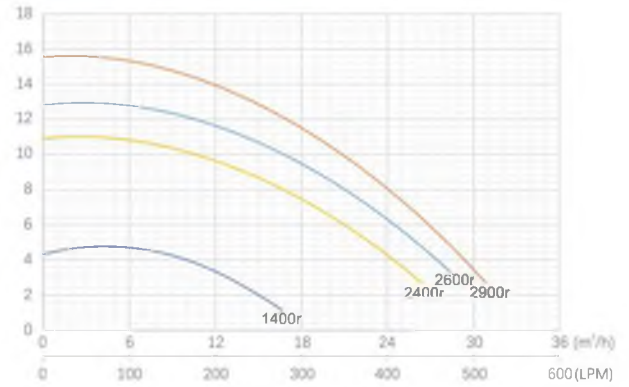
Liquid temperature: 5~50°C (41~122°F)

Maximum working pressure: 0.35MPa

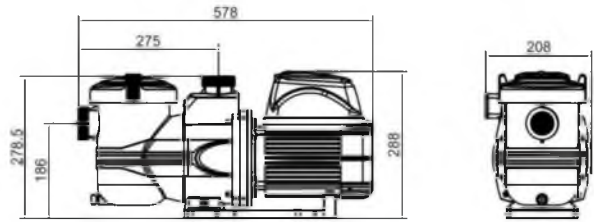
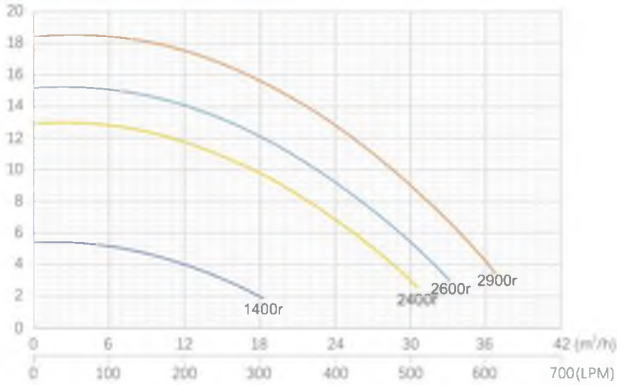
Q-H.Curve of HLVSP100Q



Q-H.Curve of HLVSP150Q



Q-H.Curve of HLVSP200Q



Model	Output power (P2)		Rated power supply	Max. current (A)	RPM	Max. Flow (m³/h)	Max. Head (m)	Circulation Flow		Connection Size	Packing size (mm)
	Horse power (HP)	Rated power (kW)						Flow at 8 m (m³/h)	Flow at 10 m (m³/h)		
HLVSP100Q	1	0.75	220V; 50Hz/60Hz	4.1	1000-2900	27	14.5	19	16	2"63mm	620*280*360
HLVSP150Q	1.5	1.1		6.1		30	16	24	21		
HLVSP200Q	2	1.5		8		33	17	27	24		

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