

HLVSP VARIABLE SPEED PUMP

LASWIM creatively combines the most advanced technology (Permanent magnet brushless DC motor) 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%GF
- Filter basket: PP
- Shaft: SS316
- Mechanical Seal: stationary face-SiC, rotating face-Graphite, seal bellows-NBR, Spring- 316L
- Impeller: PPO+30% GF
- Diffuser: PPO+30% GF



Simple and fast operation

- Comes with 4 pre-set most commonly used working modes.
- One-button tap, directly to the desired function.
- Stepless variable speed technology, 1000-2900 rpm can be adjusted freely to meet various professional needs.

Intelligent

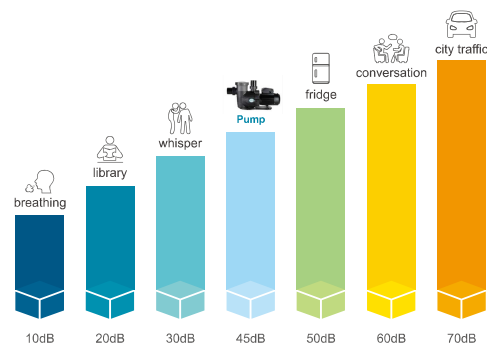
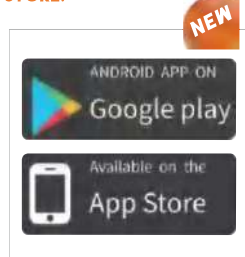
- All operations can be completed via mobile APP.
- Support centralized management of multiple devices, you can check the status of the water pump in real time, customize functions and the protection against accidental power failure.
- Support OTA upgrade, support firmware update.

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.



**DOWNLOAD THE APP "TUYA"
FROM GOOGLEPLAY OR APP
STORE.**



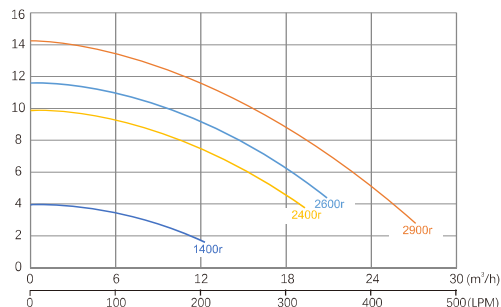
Energy saving

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

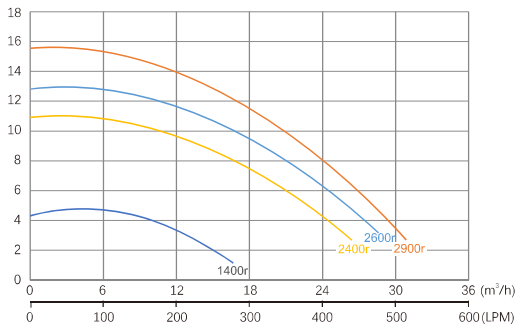
High energy efficiency

- 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: 3.5bar.

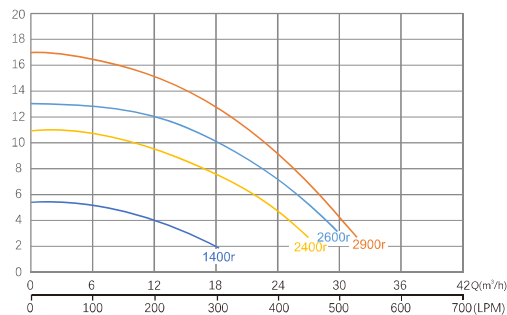
QH.Curve of HLVSP100QW



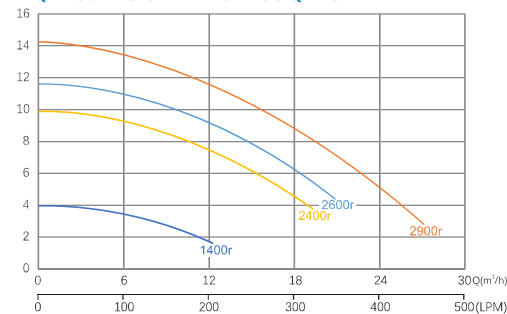
QH.Curve of HLVSP150QW



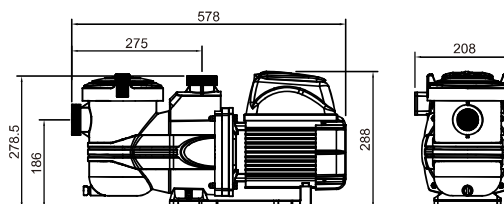
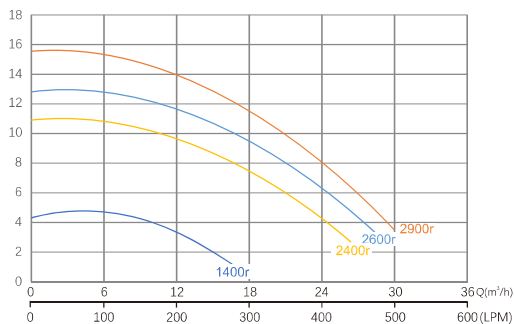
QH.Curve of HLVSP200QW



QH.Curve of HLVSP100QWU



QH.Curve of HLVSP150QWU



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)		
WL-HLVSP100QW	1	0.75	220V-240V; 50Hz/60Hz	4.1	1000-2900	27	14.5	20	16	2"/63mm	620×280×380
WL-HLVSP150QW	1.5	1.1		5.5		30	16	24	21		
WL-HLVSP200QW	2	1.5		7		33	17	26	23		
WL-HLVSP100QWU	1	0.75	110-120V; 50/60Hz	8		27	14.5	20	16		
WL-HLVSP150QWU	1.5	1.1		11		30	16	24	21		