

LACRONITE

HIGH PERFORMANCE POOL PUMP

**Direct replacement for STARITE 5P2R
No alteration of plumbing required**



The Lacronite pump is ideal for large domestic swimming pools with ancillary systems such as heating, in-floor cleaning, fountains, vacuum cleaning and swim jets



Efficient Impeller and Diffuser Design

The pump's impeller and diffuser design maximizes the hydraulic output of the pump while minimizing turbulence. The pump's efficient hydraulic performance shortens run times and reduces energy consumption leading to lower operating costs.

Engineered Durability

The pump body is manufactured utilising state of the art plastic moulding engineering, with a single piece strainer pot and volute for extra strength.

A high grade 316 stainless steel mechanical seal is incorporated for extra protection against corrosion. e.g. from chlorinated water, ozone, iodine, Baquacil, bromine and salt water chlorination.



1. Clear basket lid- enables easy identification of cleaning requirements.
2. 50mm / 1.5" Quick connect barrel unions for UPVC pipe and internal threaded connections.
3. High performance motor
 - Stainless Steel Motor Shaft.
 - Fan cooled.
 - Thermal overload protection.
4. Stable Support stand.
5. Motor protection bracket protects the motor from a leaking mechanical seal.
6. Hydraulically efficient impeller & diffuser design.
7. Drain plugs.
8. Strong single piece glass filled thermoplastic pump body.
9. Large 2.1lt strainer basket – captures debris & protects the pumps impeller.

Motor Pump Protection Bracket

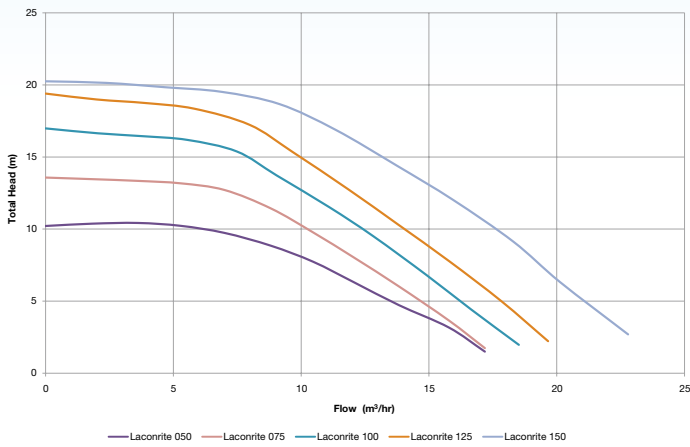
Situated between the pump wet end & the pump motor, a mechanical seal forms a seal around the motor shaft to prevent water from travelling along the motor's shaft. The mechanical seal is the wearing part of any pool pump. A mechanical seal may leak water if the pump is ever run dry or simply be worn out. The "Motor Protection Bracket" adds a 60.5mm separation between the pump's wet end and its motor. It is designed to protect the pump motor by draining any leaks from a worn mechanical seal.

Technical Specifications

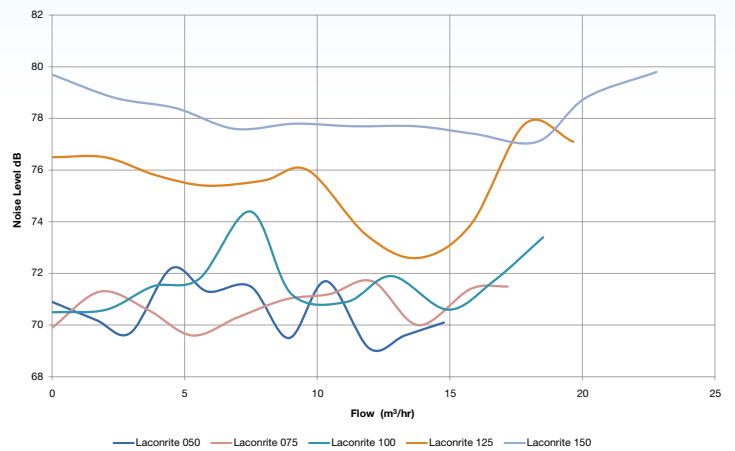
Model	Flow rate m ³ /hr		Nominal Power (hp)	Motor input (kW)	Amps	Total Length (mm)	Total Width (mm)	Total High (mm)	Pump Rating
	8m	10m							
Lacronite 50	10	11	0.50	0.61	3.2	609	226.6	381.4	IPX4
Lacronite 75	12	10	0.75	0.78	3.7	609	226.6	381.4	IPX4
Lacronite 100	12	14	1.00	0.96	4.3	609	226.6	381.4	IPX4
Lacronite 125	15	14	1.25	1.10	4.9	609	226.6	381.4	IPX4
Lacronite 150	19	17	1.50	1.38	6.2	629	226.6	381.4	IPX4

Phase	Volts	Cycle	RPM
1	220- 240	50	2860

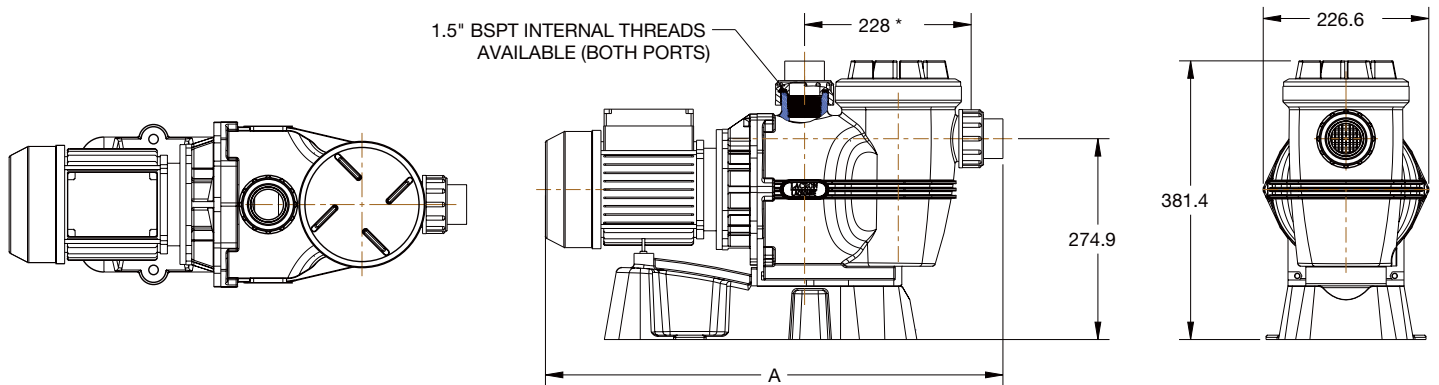
Lacronite Pump Performance Chart



Lacronite Pump Noise



Technical Specifications



Warranty

Pumps	3 years (conditional)*
Wet End	3 years
Motor, mechanical seal, hair & lint pot lid, o'ring, basket, impeller & diffuser	2 years
Commercial applications	1 year
Labour	1 year



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30
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