



BAKER HYDRO

NOVA PUMPS

Designed for commercial and extra large domestic pools, Nova high performance pumps provide the extra power needed to cope with ancillary systems like water features, infloor cleaning, vacuum cleaning and swim/spa jets.

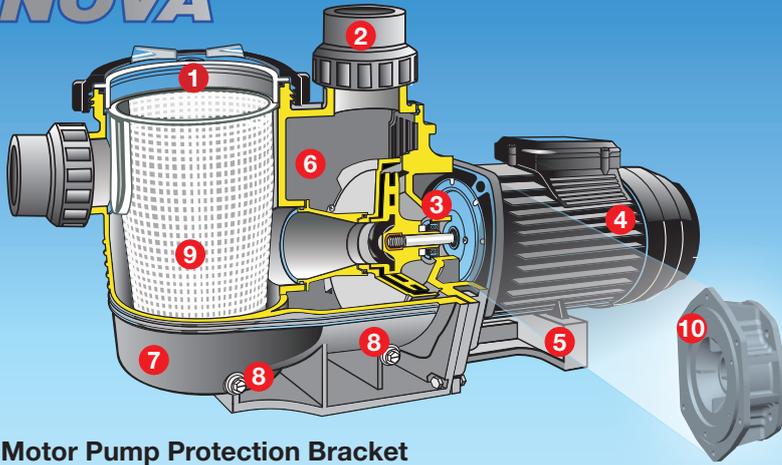
Efficient Design

The Nova's hydraulic design maximizes the output of the pump while minimizing turbulence. The pump's efficient performance shortens run times and reduces energy consumption.

Engineered Durability

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





1. Clear basket lid - easy visual inspection.
2. 50mm quick connect barrel unions for UPVC pipe.
3. High grade carbon/graphite mechanical seal with 316 stainless steel spring assembly.
4. High performance motor:
 - High grade stainless steel motor shaft.
 - Fan cooled.
 - Thermal overload protection
5. Stable support base.
6. Hydraulically efficient impeller and diffuser design.
7. Strong single piece glass filled thermoplastic pump body.
8. Drain plugs.
9. Extra large strainer basket – captures debris and protects the impeller.
10. Motor protection bracket protects the motor from a leaking mechanical seal

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.

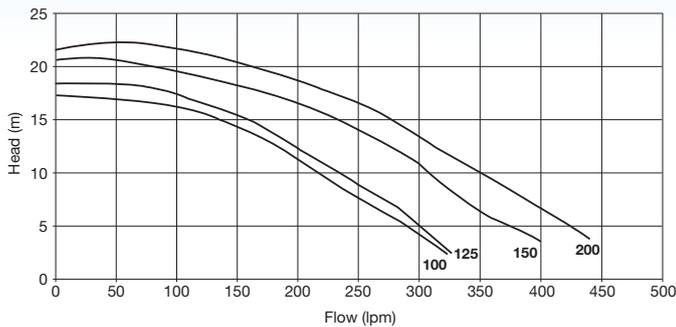
The mechanical seal is the wearing part of any pool pump. A mechanical seal may leak water if the pump is ever run dry or simply worn out. The "Motor Protection Bracket" adds a 60.5mm separation between the pump's wet end and its motor. It is designed to protect the pump motor by draining any leaks from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

Specifications

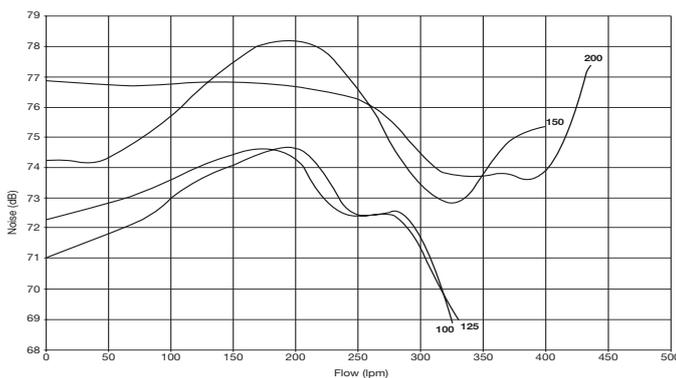
Model	Flow Rate (lpm)		Nom. HP	kW	Amps	Total Length (mm)	Motor Frame (mm)
	8m	10m					
Nova 100	250	225	1.00	0.91	4.00	600	71
Nova 125	270	245	1.25	1.08	4.80	600	71
Nova 150	350	315	1.50	1.31	5.80	647	80
Nova 200	370	350	2.00	1.46	6.60	647	80

Phase	Volts	Cycle	RPM
1	220-240	50	2860

Flow Curves

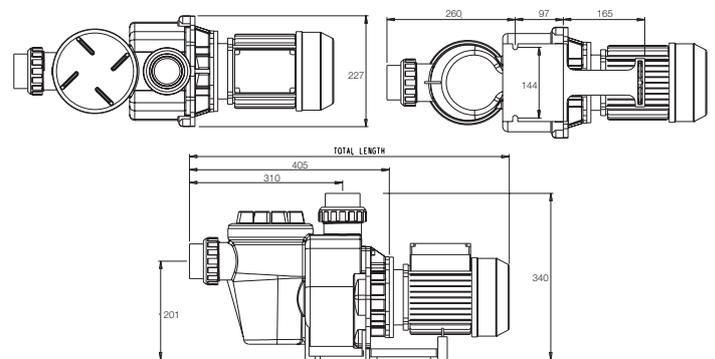


Noise Levels



Note: Baker Hydro Pumps are tested to Australian Standards AS/NZS3136.

Dimension



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