

**WATERCO**  
water, the liquid of life

**W**ALPHAFLO



# ALPHAFLO

## POOL PUMPS



The Alphaflo pool pump is equipped with a newly designed impeller and diffuser that improves water flow and reduces head loss. The pump body has also been specially designed to improve water flow and pump operating noise by reducing water turbulence.

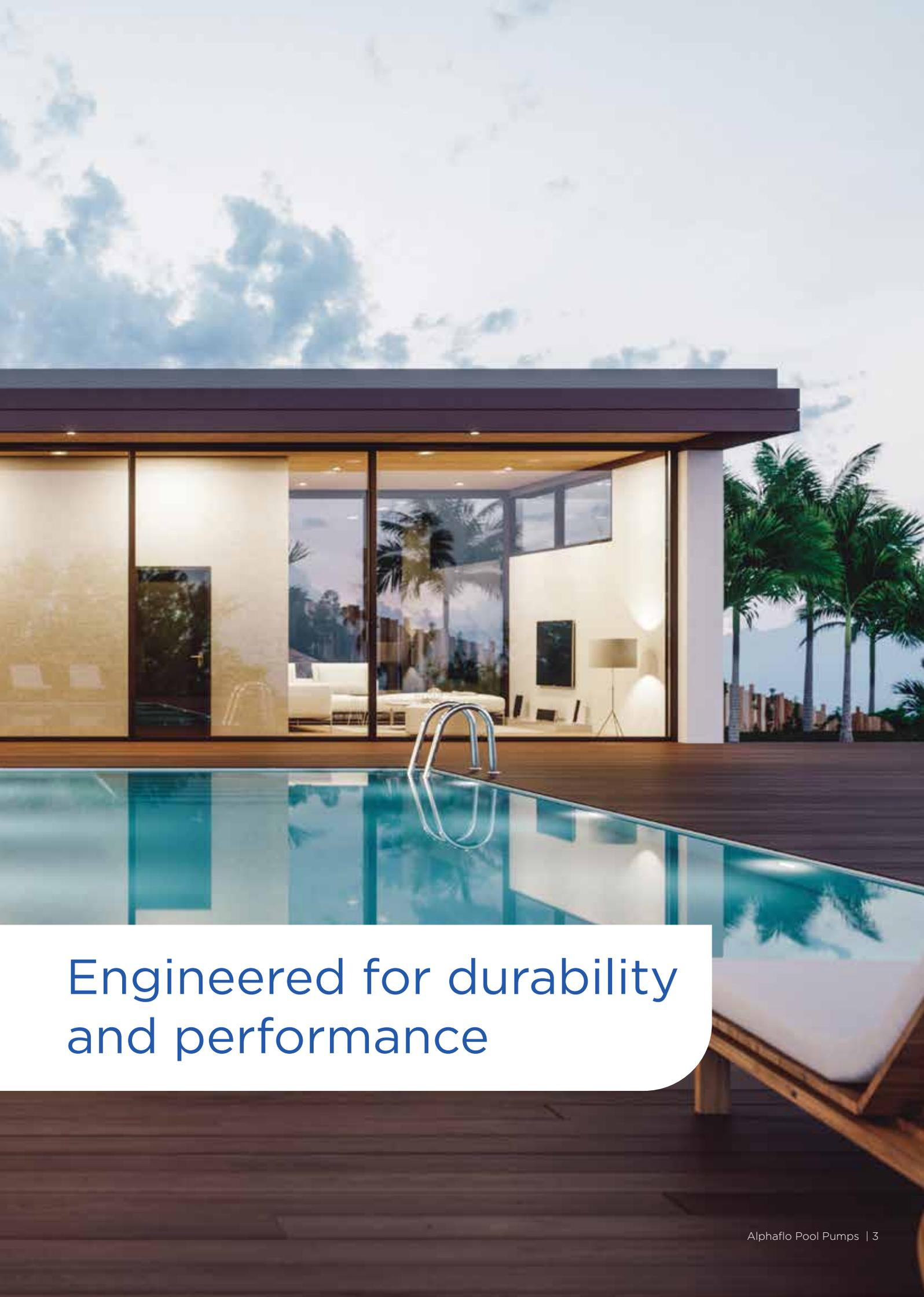
Plus a new heavy-duty pump bracket and insulation, which helps in absorbing motor vibration.

### **Efficient Impeller and Diffuser Design**

The pump's impeller and diffuser design have been chosen carefully to help improve flow and efficiency by eliminating constrictions and obstacles maximises the hydraulic output of the pump while minimising turbulence. The pump's hydraulic efficiency also comes from the design of the pump body that has improved water flow gaining performance outcomes that can shorten run times and reduces energy consumption leading to lower operating costs.

### **Engineered Durability**

The pump body is manufactured utilising state of the art engineering plastic moulding 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.



Engineered for durability  
and performance



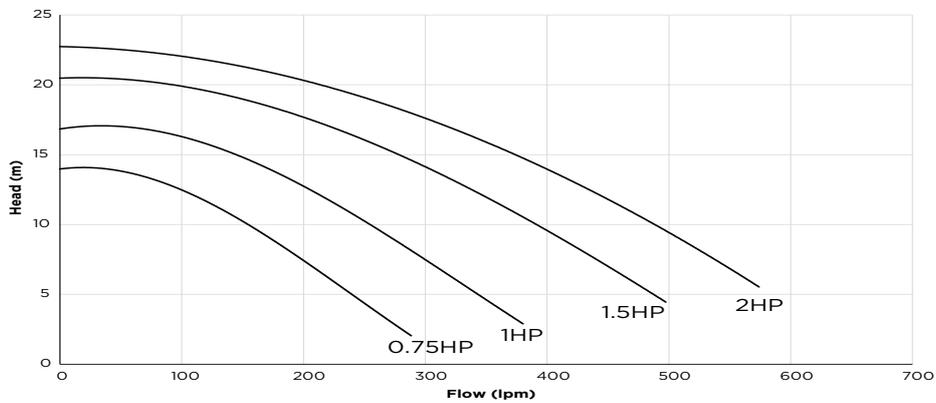
### Unique Motor Safeguarding Design

The Alphaflo pump boasts a unique design that safeguards the motor from water intrusion via the drive shaft. However, if the pump runs dry or the mechanical seal becomes worn, it could lead to leaks.

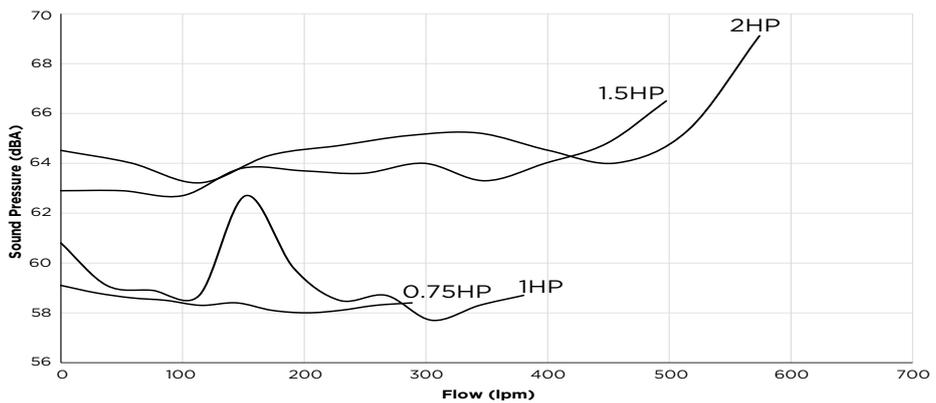
Waterco’s exceptional Alphaflo design effectively channels any leaks from worn seals away from the pump, ensuring long-lasting performance and reliability.

The Alphaflo pool pump is equipped with a redesigned impeller and diffuser that improve water flow and reduce head loss. The pump body is specifically designed to enhance water flow and minimise operating noise by reducing turbulence. Additionally, it features a new heavy-duty pump bracket and insulation, which help absorb motor vibration and further decrease operating noise.

### Alphaflo Flow Curves



### Alphaflo Sound Levels





Advanced motor  
protection and  
superior flow

# ALPHAFLLO

Quick connect barrel unions for UPVC pipe

Clear basket lid

Hydraulically efficient single-piece diffuser/nozzle design impeller

Unique motor safeguarding design



Strong single piece glass filled thermoplastic pump body

2.05L Strainer basket - capture debris and protects the pump impeller

Drain plugs

Stable & insulated support base

High performance motor:

- IP5 rating
- Motor shaft 303 grade stainless steel.
- Fan cooled.
- Thermal overload protection

## Technical Specifications

Model	Flow Rate (lpm)		Nom. hp	kW	Amps	Phase	Total Length* (mm)	Motor Frame (mm)	Inlet/Outlet
	8m	10m							
Alphaflo 075	195	157	0.75	0.73	3.3	1	626	71	50mm ports x / 40/ 50mm unions
Alphaflo 100	295	258	1	1.06	6.8	1	626	71	50mm ports x / 40/50mm unions
Alphaflo 150	430	390	1.5	1.61	6.9	1	645	80	50mm ports x / 40/50mm unions
Alphaflo 200	530	490	2	2.05	9.0	1	685	80	50mm ports x / 40/50mm unions

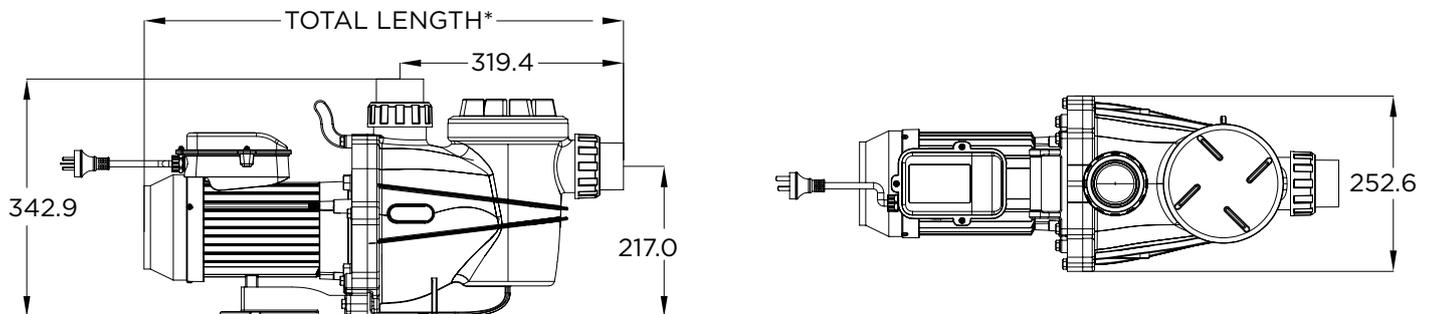
Phase	Volts	Cycle	RPM	Strainer Basket Size
1	220-240	50	2860	2.05L

## Warranty

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

\*Please refer to Waterco's warranty terms and conditions

## Dimension



# **WATERCO**

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Waterco pioneers reliable solutions for healthy, safe water environments, which are used in residential, commercial and industrial applications in over 40 countries.

Established in 1981, it has since become a global brand recognised for designing and manufacturing filtration and sanitisation innovations for the swimming pool, spa, aquaculture, and water purification sectors.

## **CONTACT WATERCO**

Waterco's head office is situated in Sydney, Australia with international offices, manufacturing plants and warehouses located in Australia, New Zealand, Malaysia, Indonesia, Singapore, China, Vietnam, USA, Canada, and the UK.

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