

# Ecostar Plus

## commercial pool pumps

Ecopumps are high performance corrosion resistant thermoplastic pumps, purpose built for commercial swimming pools, aquatic facilities and water parks.



The Ecopump's unique construction offers several advantages in comparison to steel pumps. Glass reinforced thermoplastic possesses superior mechanical and chemical resistance compared to steel. Ecopump's body does not rust or corrode and able to withstand damage from many types of water treatment chemicals.

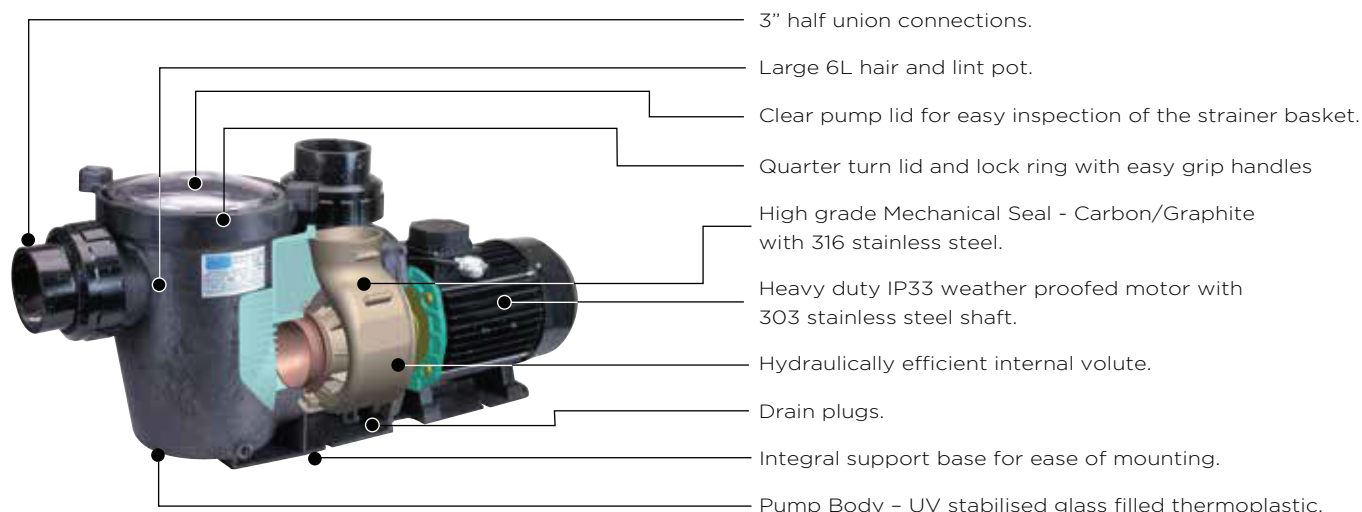
Its composite construction has facilitated the incorporation of a clear polycarbonate lid, enabling an instant view of its strainer basket.

Ecopump's weighs less than its steel counterparts without any sacrifice in strength and durability. Their weight makes them easier to ship to the job site and easier to install.



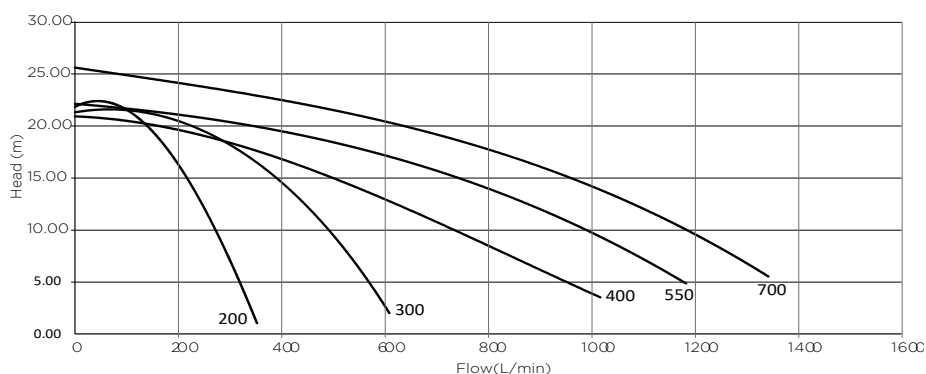
## Ecostar Plus

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



The Ecostar Plus has been designed to provide a substantially quieter operation with even higher flow rates and higher head than the previous Ecostar models. Ecostar Plus has improved the hydraulic efficiency of the pump with the introduction of an internal volute. The volute's hydraulic design provides a natural balanced water flow and reduces hydraulic turbulence.

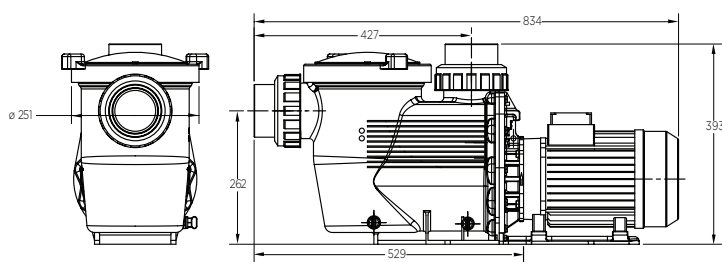
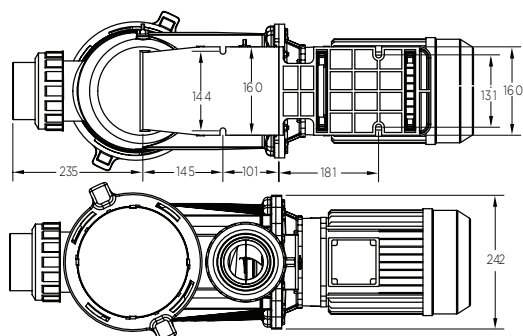
## Performance Chart



## Technical Specifications

Pump Code	Model	Input Power		Amps/Phase	Weight	Total Length	Motor Frame
		(kW)	(HP)		(kg)	(mm)	
24042003	200 ESP	1.52	2.0	3.6	25.0	749	80
240430083	300 ESP	2.21	3.0	4.1	29.7	815	90
240440033	400 ESP	3.11	4.2	5.1	32.0	834	100
240455033	550 ESP	4.24	5.7	7.3	35.0	834	100
240470033	700 ESP	5.44	7.3	9.3	42.0	857	112

Phase	Volts	Cycle	RPM	Pump Rating
3	380-415	50	2900	IP55



## Ecostar Plus

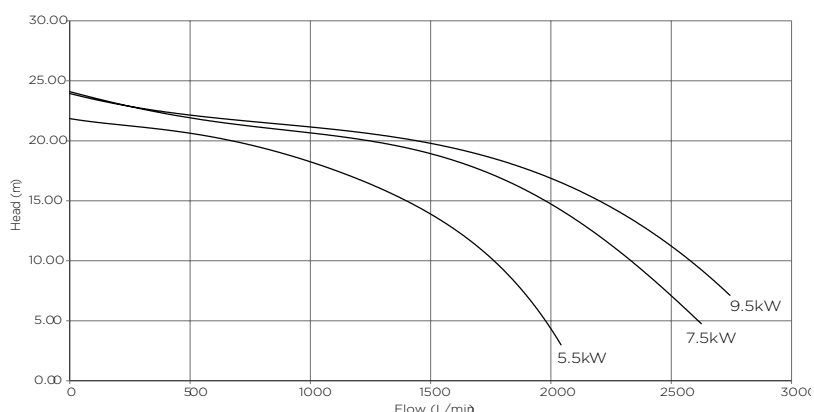
Ecostar Plus commercial pool pumps incorporate the latest technology in design and construction to produce a high performance self priming pump.



### Material

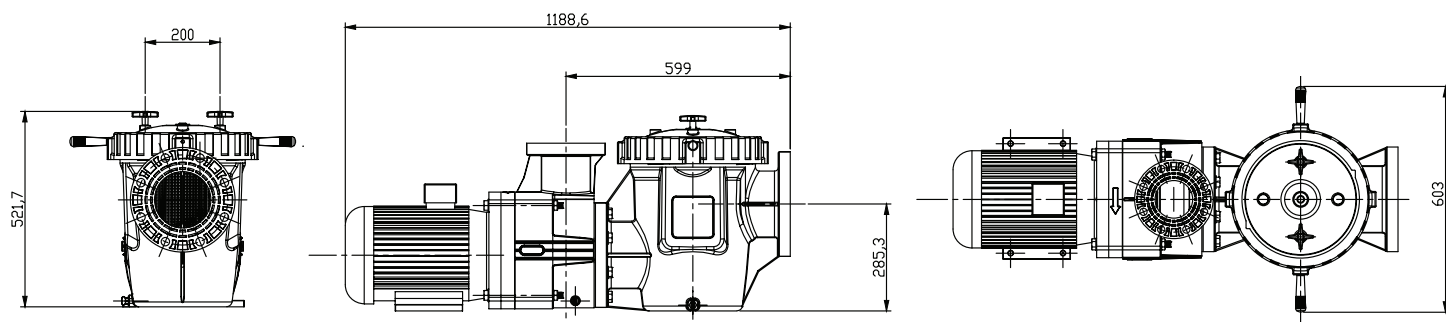
Motor Bracket	: GF Polypropylene
Pump Bracket	: GF Polypropylene
Pump Body O Ring	: NBR
Seal Assembly	: Alumina Ceramic/SS316/Carbon (Silicon Carbide optional)
Impeller	: GF Noryl
Diffuser	: GF Polypropylene
Pump Body	: GF Polypropylene
Strainer Basket	: Polypropylene
Strainer Lid	: Polycarbonate
Lock Ring	: GF Noryl

### Performance Chart

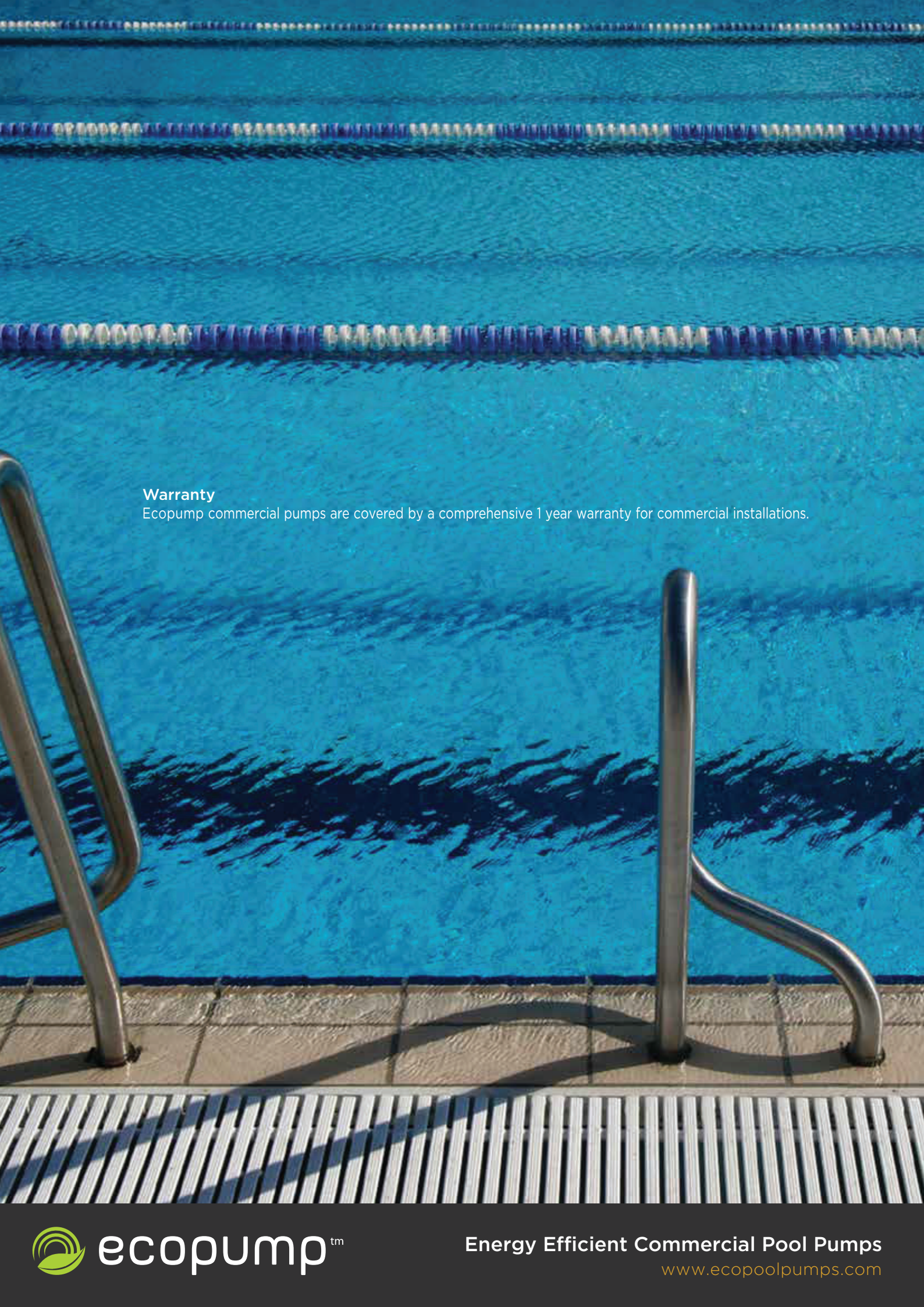


### Technical Specifications

Pump Code	Model	Motor Input (kW)	Nominal Power (HP)	Amps	phase	Volts	Weight (kg)	Total Length (mm)	Motor Frame	Pump Rating	Motor
2460750	5.5kW	6.2	8.3	10.15	3	380 - 415	73	1190	132	IPX5	2940
2461000	7.5kW	8.5	11.4	14.35	3	380 - 415	75	1190	132	IPX5	2940
2461250	9.5kW	10.5	14.0	17.70	3	380 - 415	91	1218	132	IPX5	2940





A photograph of a swimming pool with blue water and lane lines. In the foreground, there are metal handrails on a tiled deck. The text is overlaid on the left side of the pool.

### Warranty

Ecopump commercial pumps are covered by a comprehensive 1 year warranty for commercial installations.



# Ecostar

## commercial pool pumps

Purpose built for aquatic facilities, water parks and large commercial swimming pools. Ecopumps are high performance corrosion resistant thermoplastic pumps.

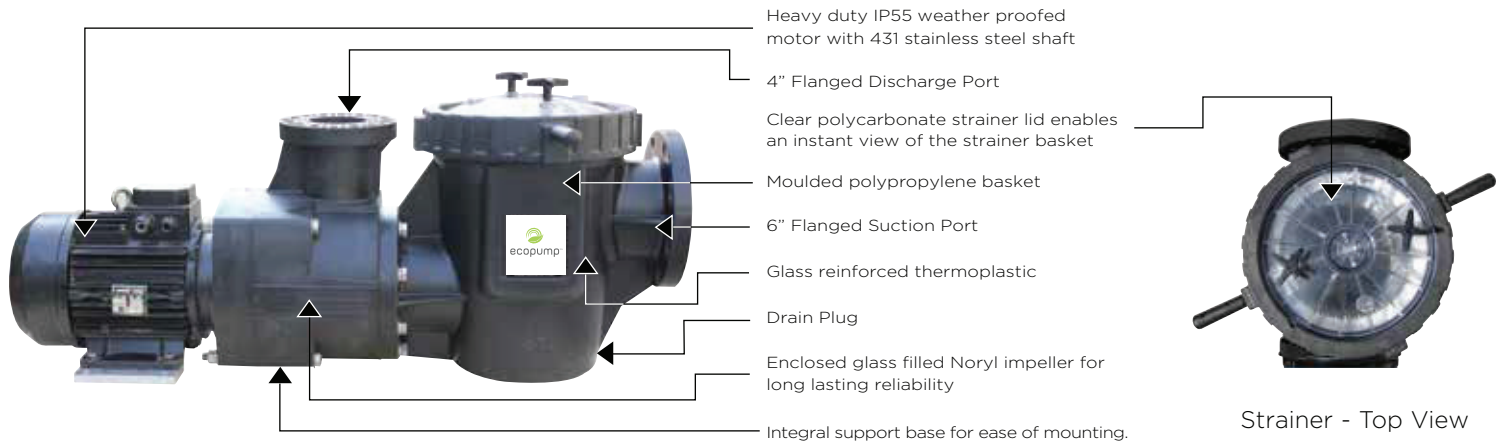


## Ecostar

Ecostar incorporate the latest technology in design and construction to produce a high performance self priming pump.

Constructed from an injection moulded glass reinforced thermoplastic, its pump body is manufactured utilising state of the art engineering plastic moulding for extra strength.

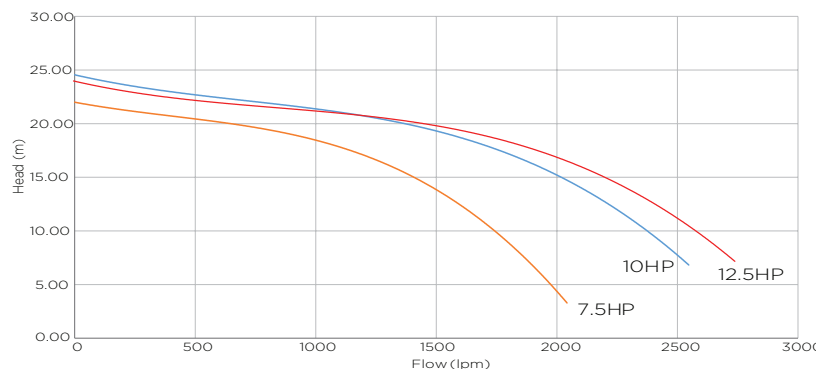
Its clear polycarbonate strainer lid enables an instant view of the strainer basket. Plus the pump's lid lock ring is equipped with ergonomic grip handles – for easy removal & replacement.



## Material

Motor Bracket	: GF Polypropylene
Pump Bracket	: GF Polypropylene
Pump Body O Ring	: NBR
Seal Assembly	: Alumina Ceramic/SS316/Carbon (Silicon Carbide optional)
Impeller	: GF Noryl
Diffuser	: GF Polypropylene
Pump Body	: GF Polypropylene
Strainer Basket	: Polypropylene
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## Performance Chart

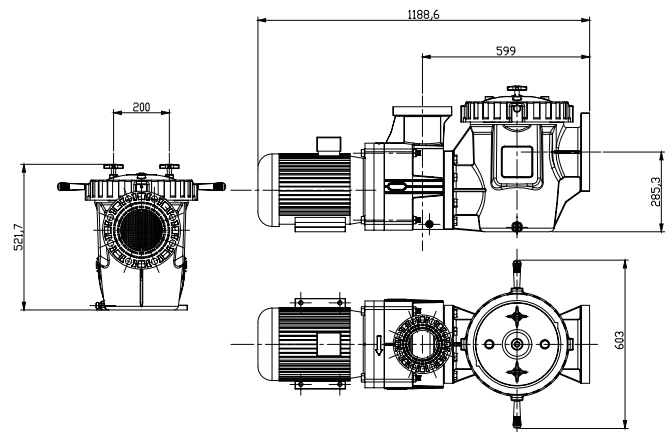


## Technical Specification

Model	Nominal Power (hp)	Motor input (kW)	Amps	Weight (kg)	Total Length	Motor Frame
5.5kW / 7.5HP	8.3	6.2	10.15	73	1190	132
7.5kW / 10HP	11.4	8.5	14.35	75	1190	132
9.5kW / 12.5HP	14.0	10.5	17.70	91	1218	132

Phase	Volts	RPM	Pump Rating
3	380- 415	2940	IPX5

## Dimension



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