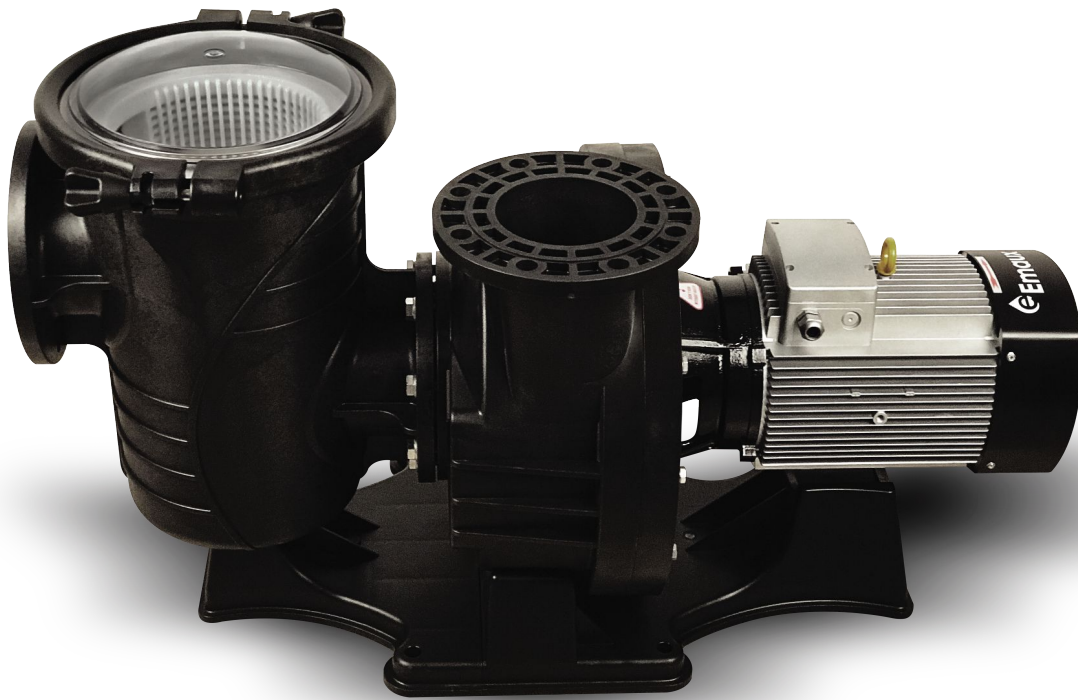


Product Features



EXCELLENT RESISTANCE TO **SEAWATER CORROSION**

The Emaux Hydrau-Power pump is a series of powerful and robust pumps engineered for applications requiring high flow capability and efficiency. The pump is constructed with high strength and corrosion resistant thermoplastic materials and equipped with a large capacity strainer. The Hydrau-Power pump is suitable for a variety of different applications includes all types of commercial pools, aquatic parks, and seawater facilities..



13L/30L
Strainer Basket



Francis-Vane
Impeller



IE 3 Class
Motor

Product Features

1. High volume self-priming plastic pump ideal for large filtration system
2. Smooth throat volute design provides high hydraulic efficiency of 85%
3. Fiber reinforced plastic casing provides substantial temperature, pressure, vibration and impact performance.
4. Secondary seal chamber as water leakage and vaporize blocker to the motor.
5. Large suction-side detachable strainer capacity in 13 and 30 Liter.
6. Premium Efficiency IE3 Class Motor (compliance IEC 60034-30)
7. Francis-vane impeller allows for broad-band efficiency and large flow region.
8. Low noise level up to 68dB



Physical Structure

Lid

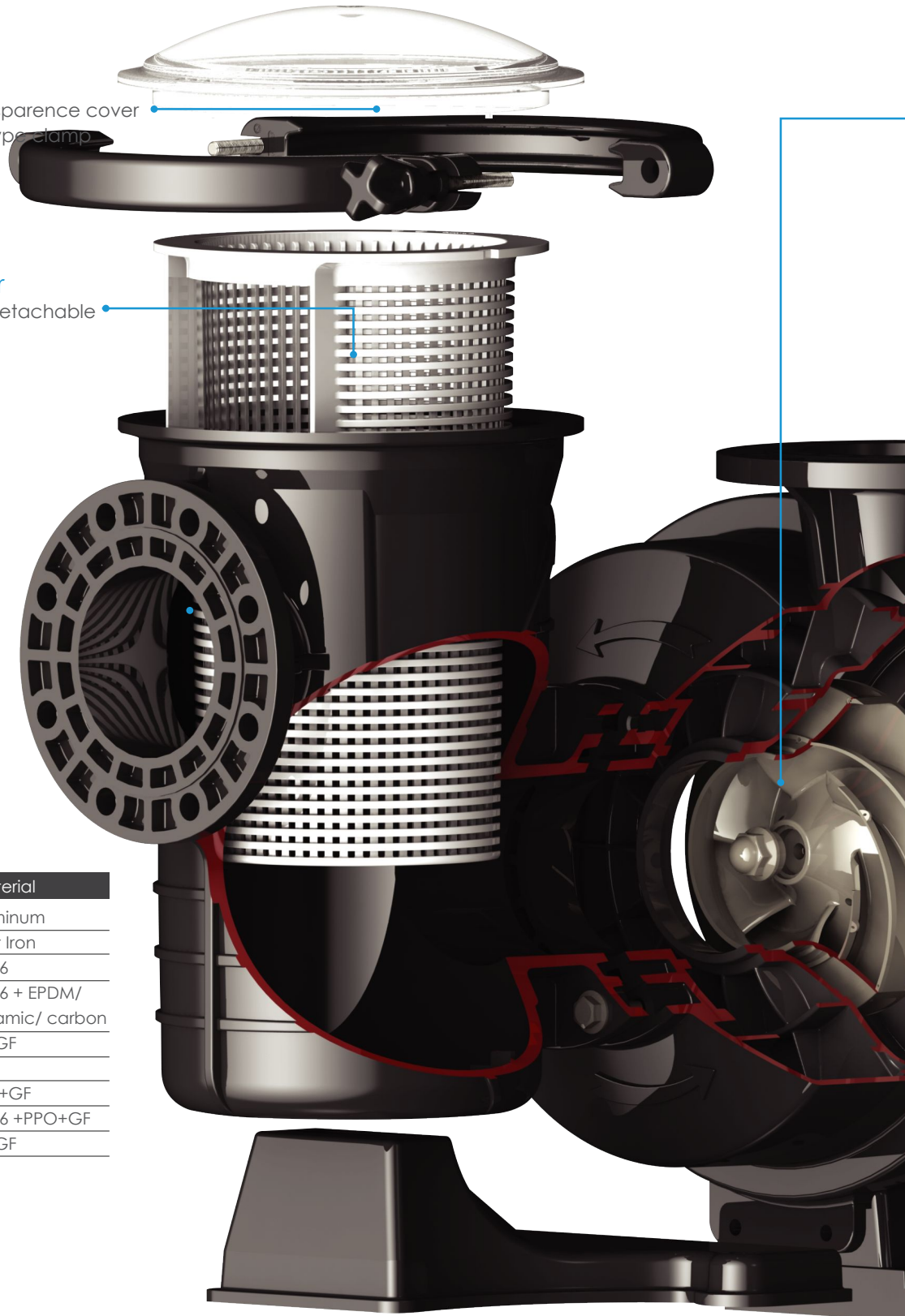
- Large observable transparency cover
- Easy assembly screw type clamp

Basket Strainer

- Large capacity detachable Pre-filter basket

Material Table

Items	Material
Motor Casing	Aluminum
Motor Bracket	Cast Iron
Shaft Sleeve	SS316
Mechanical Seal	SS316 + EPDM/ Ceramic/ carbon
Body	PP+GF
Basket	PP
Strainer	PPO+GF
Impeller	SS316 +PPO+GF
Base	PP+GF
Lid	PC





• Impeller

- Francis vane design allows for broadband efficiency and large flow region.
- Expertly machined and dynamically balanced before assembly.
- Integrated reverse-fastening threads insert molding.

Mechanical Seal

- Self-lubricating mechanical seal prevents liquid seepage.
- Carbon face rotating against a stationary "O" ring seat provides positive sealing up to full design pressure.

• Shaft Sleeve

- Corrosion resistant 316 stainless steel, ground and polished to a smooth external surface
- Non IEC Extended shaft design

• Motor

- Easy assembly B5 type front end flange installation design.
- Corrosion resistant PU coating

• Base

- Extended support surface area
- Detachable design for environment fitting.
- Elastic material applied to absorb vibration and impact for system stabilization.

Product Information

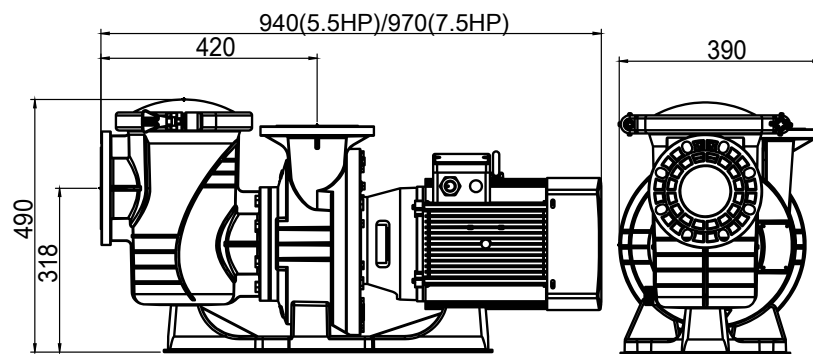
Specification

Motor	Premium Efficiency IE3 Class Motor	Water Proof	IP55
Working Voltage	380Vac 50Hz, 3 Phase 400/690Vac 50Hz, 3 phase* 400/690Vac 60Hz, 3 phase*	Flow Rate	Up to 280m ³ /h
Design Methodology	Advanced computer 3D design modelling for CFD analysis	Differential Head	Up to 22m
Design Reference (Applicable only)	ISO 5199 : 2002	Speed	2 pole up to 2850 rpm 4 pole up to 1450 rpm
Operation Pressure	0-2 bar 25°C to 35°C	Insulation System	Class F
Temperature Range	0°C to 45°C (Water) 0°C to 45°C (Ambient)	Flange Standard	DIN (PN10) ANSI (Class150)

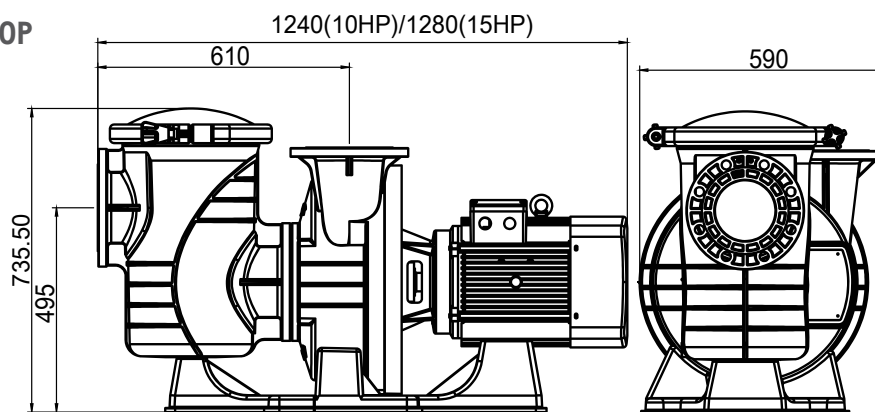
* Under development

Product Dimension

APS550P/APS750P



APS1000P/APS1500P



Self-Priming Pump: APS550P, APS750P
Centrifugal Pump: APS1000P and APS1500P

Code 380V/50Hz	Model	Connection Size ANSI / DIN	Horsepower (hp)	Strainer Vol (L)	RPM	Power (kW)	Noise (dB)	Head (m)					
								6	8	10	12	14	16
								Flow Rate (m³/h)					
9023901	APS550P	4"/DN100	5.5	13	2850	4	72	95	90	82	75	65	50
9023902	APS750P	4"/DN100	7.5	13	2850	5.5	72	130	120	110	105	90	80
9023903	APS1000P	6"/DN150	10	30	1450	7.5	68	--	210	185	180	160	135
9023904	APS1500P	6"/DN150	15	30	1450	11	68	--	270	260	250	240	210

Technical Information

