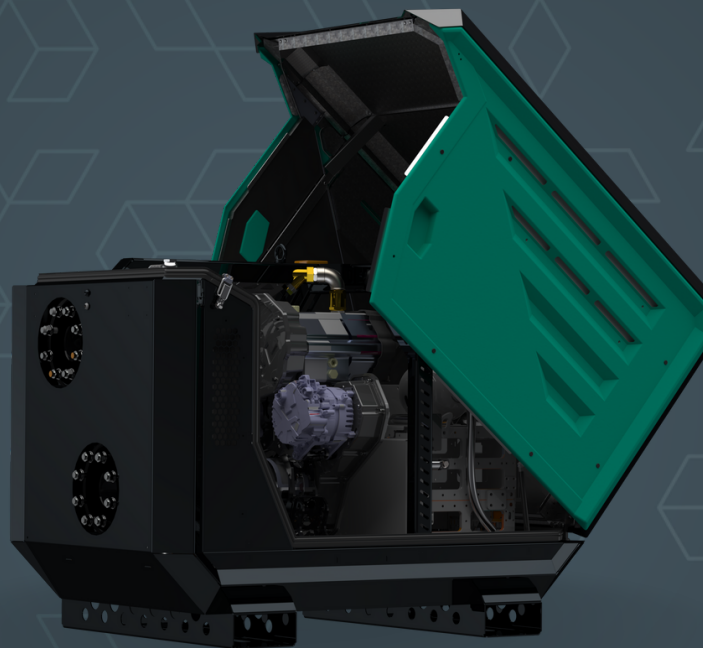


**AEDONPUMP**

# RAPTOR 4L LITE



**BATTERY DRIVEN**

**SEWAGE AND  
DEWATERING PUMP**



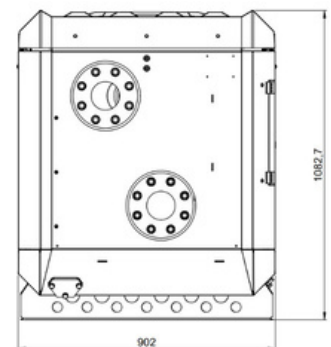
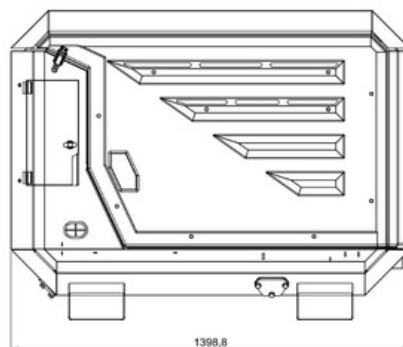
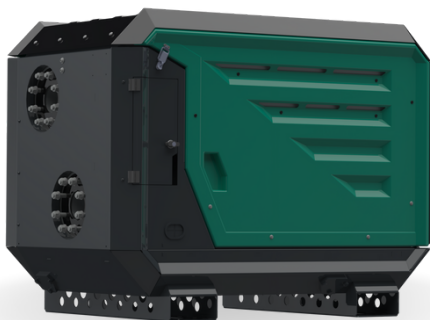
## FEATURES AND COMPETITIVE EDGE

Type: **Raptor 4L Lite**  
Connection size: **4"**

Frame LxWxH: **1399x907x1076 mm**  
**(55.08x35.7x42.36")**  
Dry weight: **630 kg (1389 lbs)**

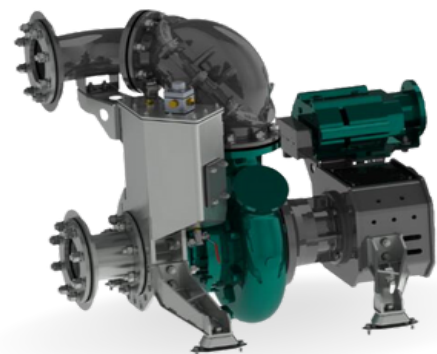
**Designed for heavy duty applications.**  
**Sewage bypass, drainage and dewatering:**

- Extended maintenance intervals;
- High-grade parts of superior quality;
- Online telemetry and remote access capability;
- Unsurpassed efficiency values that set the industry standard.



## PUMP TECHNICAL SPECIFICATION

**Pump** Max. flow: **115 m<sup>3</sup>/h (506 gpm)**  
Max. pressure: **21 m (68.9 feet)**  
Impeller type: **Screw impeller**  
Solids handling: **75 mm (2.95")**  
Temperature: **max. 40°C (max 104°F)**  
Wear Ring: **GG20 (0.6020)**  
Shaft: **1.4021**  
Shaft Sealing: **WC/SiC/NBR**  
O-Rings: **NBR Casing: GG25 (0.6025)**  
Impeller: **GGG60 (0.7060)**  
Suction Liner: **GG20 (0.6020)**  
Suction liner adjustable by external regulation screws





**Priming System** Pump type: **dry claw vacuum pump**  
Air handling capacity: **60 m<sup>3</sup>/h (35 CFM)**  
Max. vacuum: **9.0 m (29.5 feet)**  
Electric motor: **1.3 kW (1.74 hp)**  
Floatbox: **Hot dip galvanized Steel**  
Non-return valve: **Ductile iron GJS400**  
Check valve ball: **Rubber NBR**



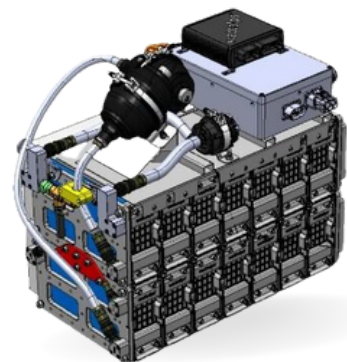
## ELECTRICAL DUAL MOTOR

**Standard** Nominal voltage: **48V (42V/58,8V)**  
Power: **5.5 kW (7.38 hp)**  
Integrated frequency converter



## BATTERY

**Standard** Module type: **LONG LIFE**  
Module IP protection: **IP67 / IP6K9K**  
Nominal voltage: **48V (42V/58,8V)**  
Useful/embedded energy: **15 kWh/17 kWh (20.12 hp/ 22.8 hp)**  
Charging power (standard/fast)\* **6/16 kW (8.05 hp/ 21.46 hp)**  
Cycle life **3000**  
Discharging power (continuous / 2s peak )\*: **24/72 kW (32.18 hp/ 96.55 hp)**  
Running time: **10 Hours**  
Charging time: **2 Hours**



\* Power depends on the outside temperature

## FRAME

**Silent  
Canopy**Canopy type: **non-stackable**Material: **Steel HDG**Dimensions **1399x907x1076 mm**  
**(55.08x35.7x42.36")**Lifting point: **Single lifting point\***Forklift pockets: **Installed**

\* Optional

**Lifting  
hook**

\* Optional



## CONTROL PANEL OPTIONS

**Standard**

AEONPUMP Software

Automatic level control

Hydrostatic level sensor

SMS alarm system\*

Online telemetry\*

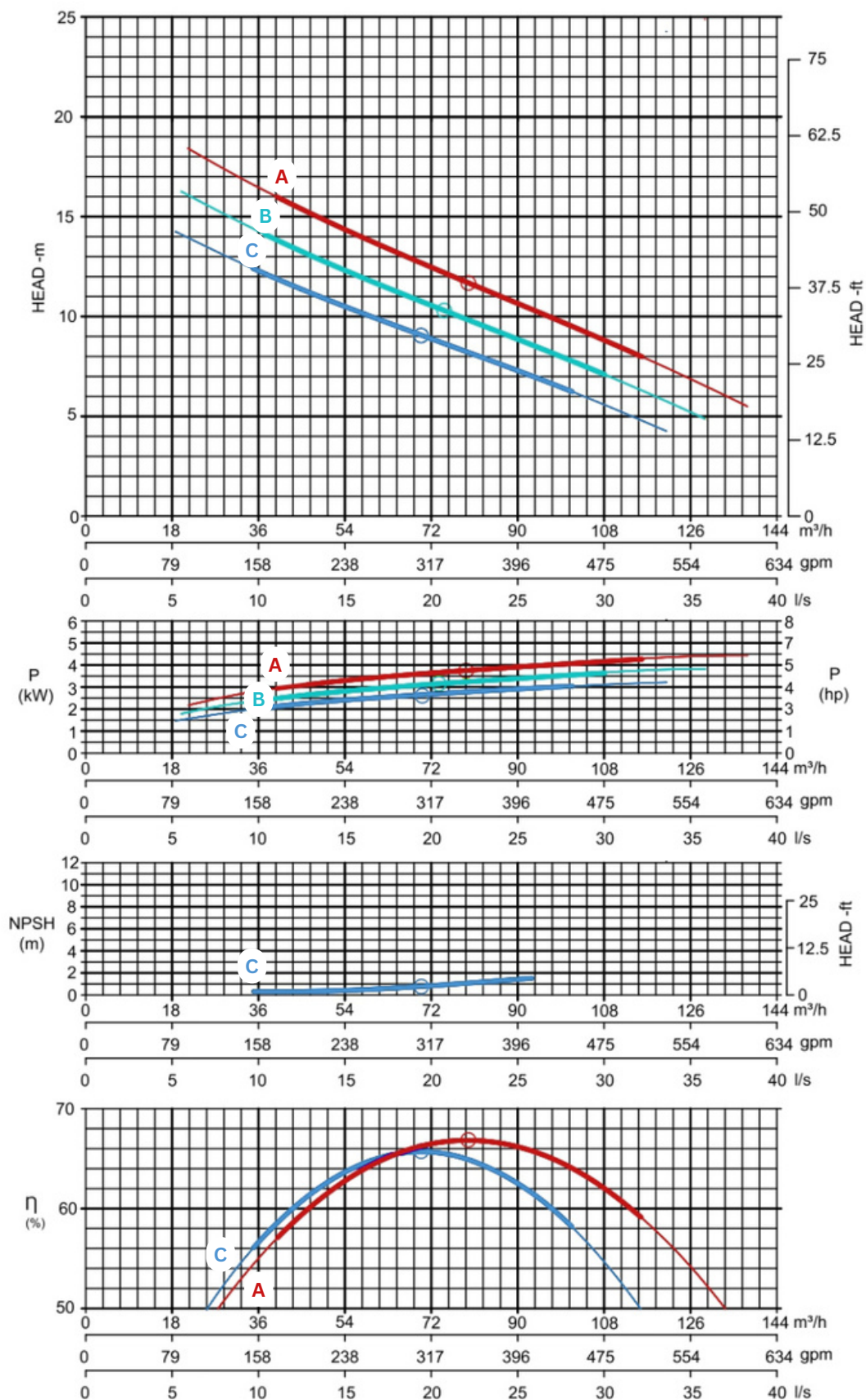
Dual float switch

Two float switches

\* Optional



Curves at Speeds: **A** 1700 rpm **B** 1600 rpm **C** 1500 rpm



Note: Pump power P include mechanical seal friction and bearing frame losses, from a run in bearing frame.  
(Testing according to ISO 9906:2012-38)