

AEDONPUMP

RAPTOR 4L LITE



BATTERY DRIVEN

**SEWAGE AND
DEWATERING PUMP**

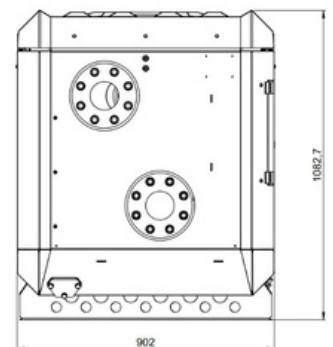
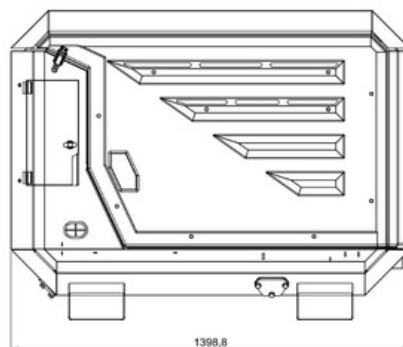
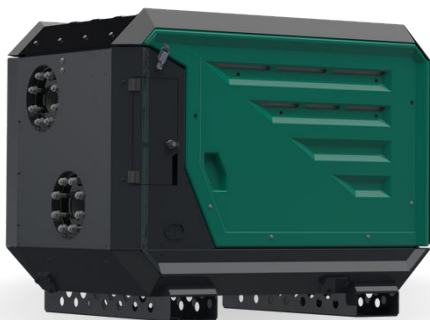
FEATURES AND COMPETITIVE EDGE

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

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

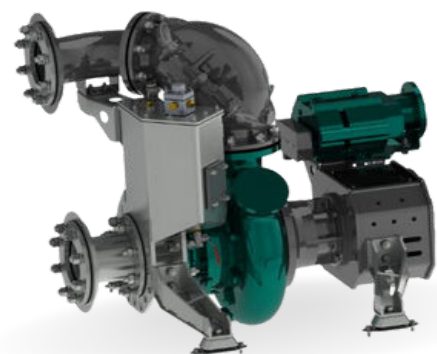
Designed for heavy duty applications.
Sewage bypass, drainage and dewatering:

- 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 m³/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 m³/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**

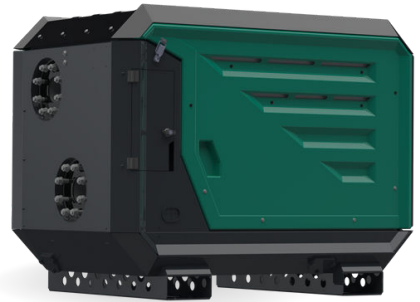
Material: **Steel HDG**

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*

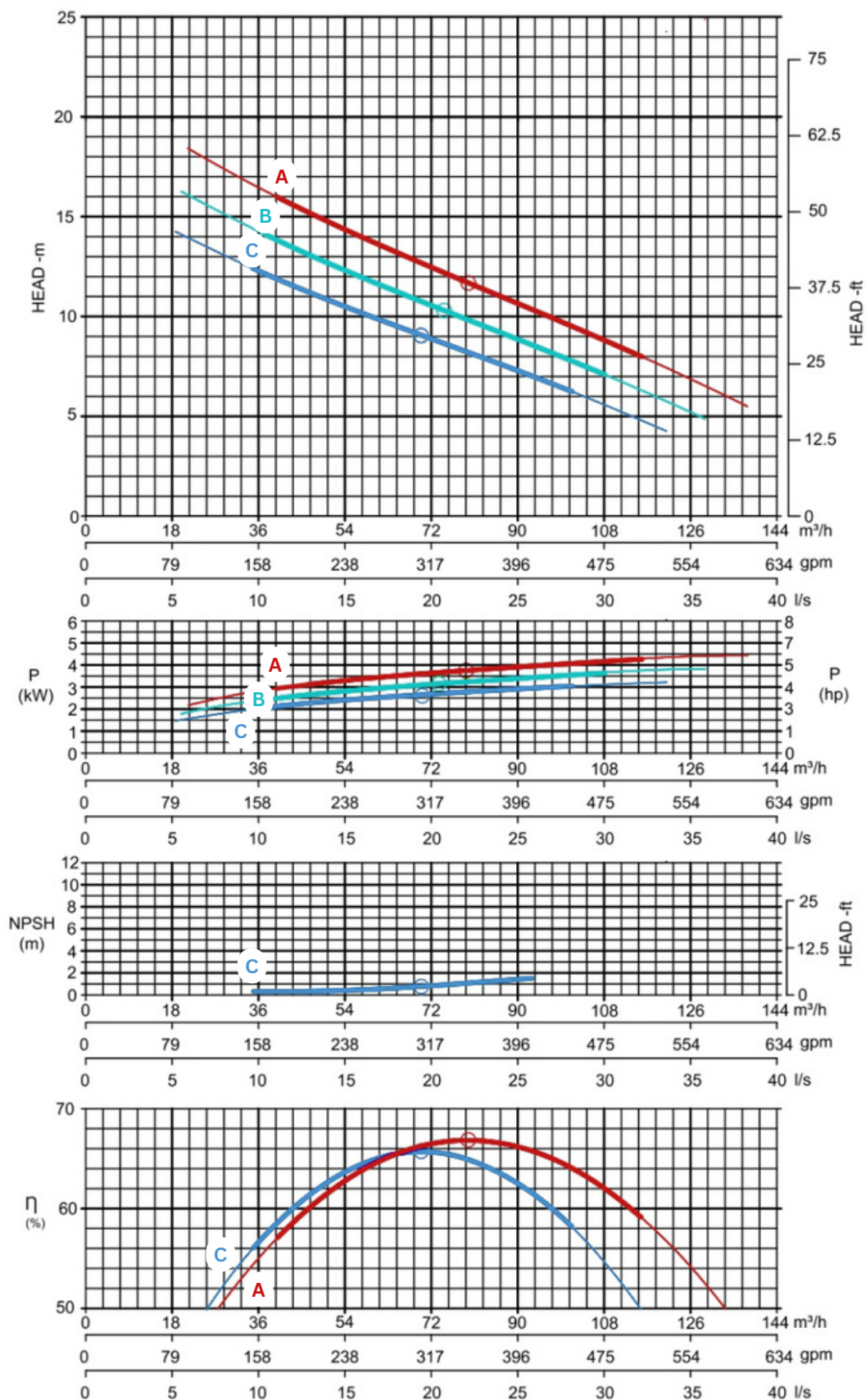
Dual float switch

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)