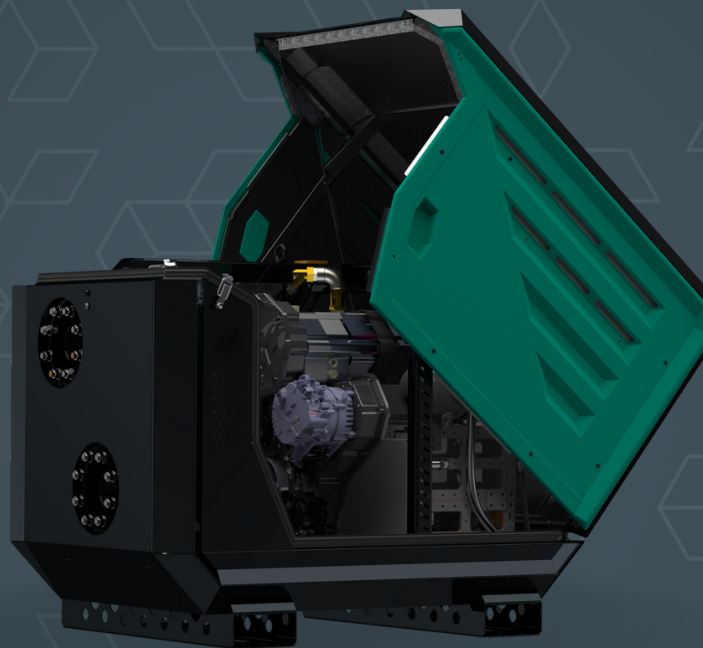


AEDONPUMP

RAPTOR 4L LITE



BATTERY DRIVEN

**SEWAGE AND
DEWATERING PUMP**

FEATURES AND COMPETITIVE EDGE

Type: **Raptor 4L Lite**

Connection size: **4 in x 4 in**

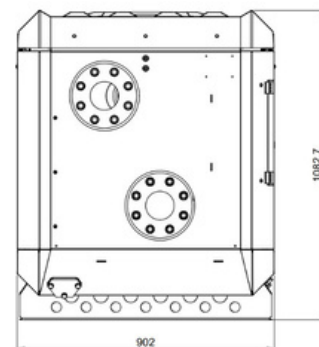
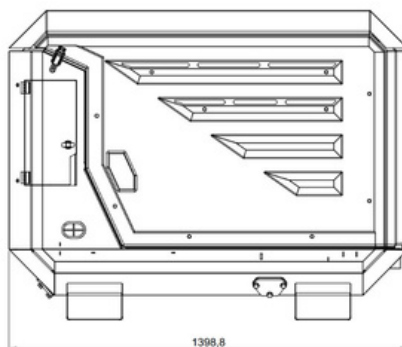
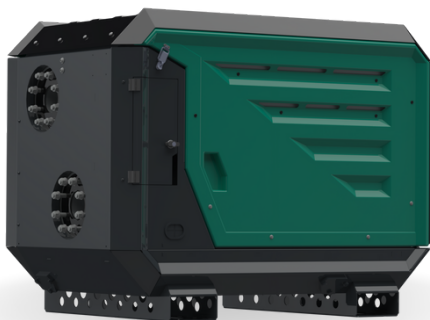
Frame LxWxH: **1399x907x1076 mm / 55.08x35.7x42.36 in**

Dry weight: **630 kg / 1390 lbs**

Designed for heavy duty applications.

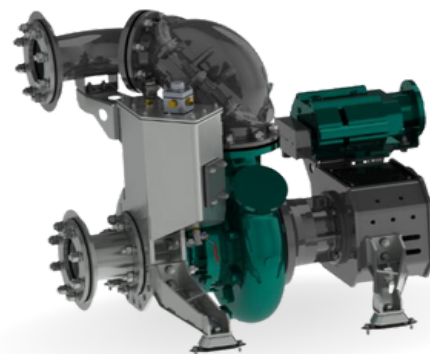
Sewage bypass, drainage and dewatering:

- 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 US gpm**
Max. head: **21 m / 70 ft / 30 PSI**
Impeller type: **Screw impeller**
Solids handling: **75 mm / 2.95 in**
Temperature: **max. 40°C / 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 / 30 ft**
Electric motor: **1.3 kW / 1.74 hp**
Floatbox: **Hot dip galvanized Steel**
Non-return valve: **Ductile iron GJS400**
Check valve ball: **Rubber NBR**



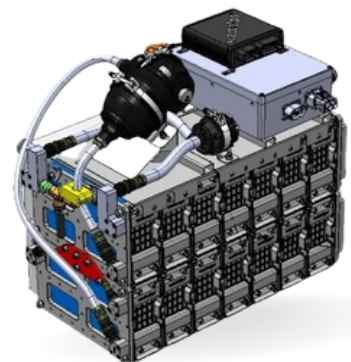
ELECTRICAL DUAL MOTOR

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 in**
Lifting point: **Single lifting point***
Forklift pockets: **Installed**

* Optional



Lifting hook * Optional



CONTROL PANEL OPTIONS

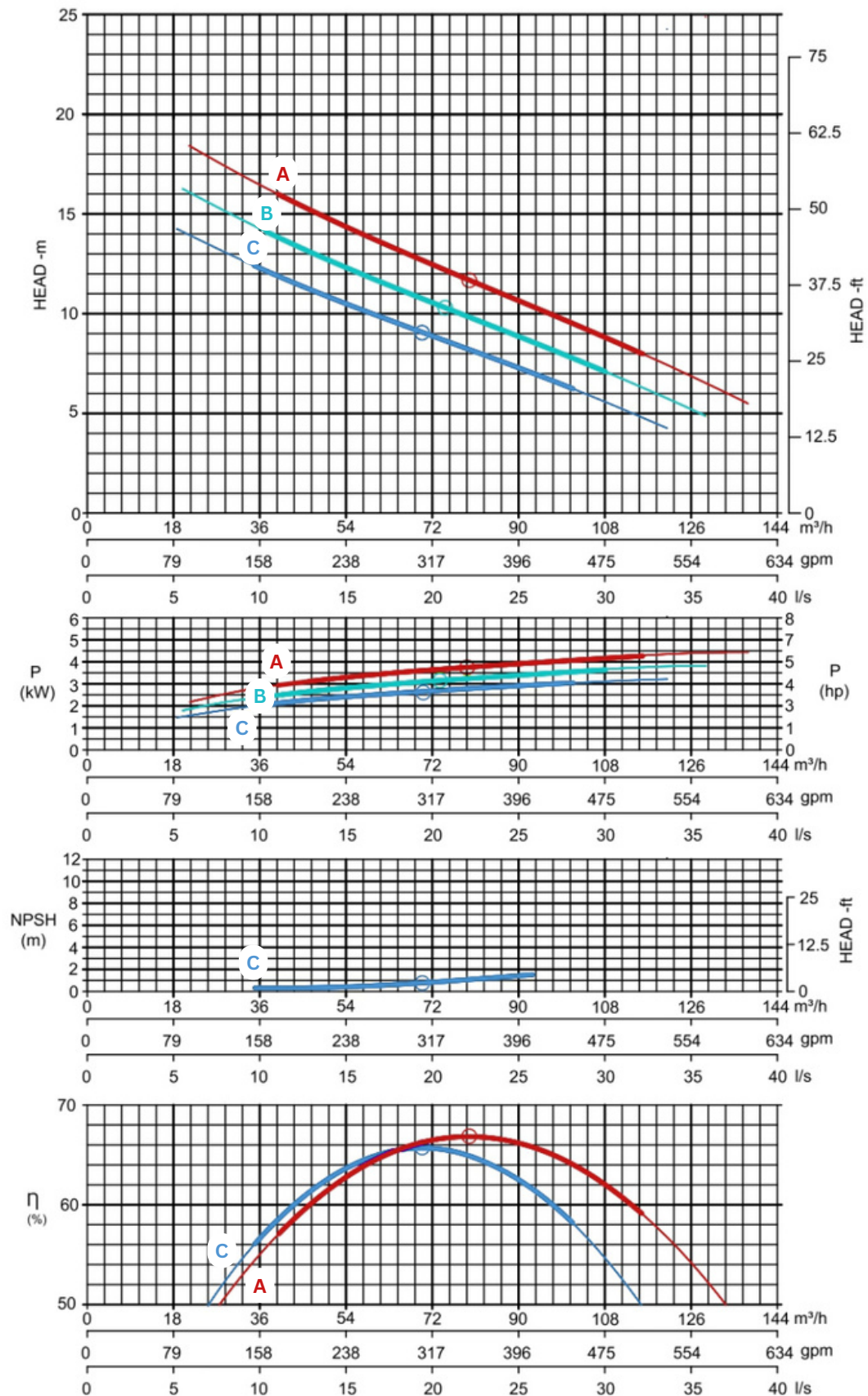
Standard AEONPUMP Software
Automatic level control
Hydrostatic level sensor
SMS alarm system*
Online telemetry*
Dual float switch
Two float switches

* 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)