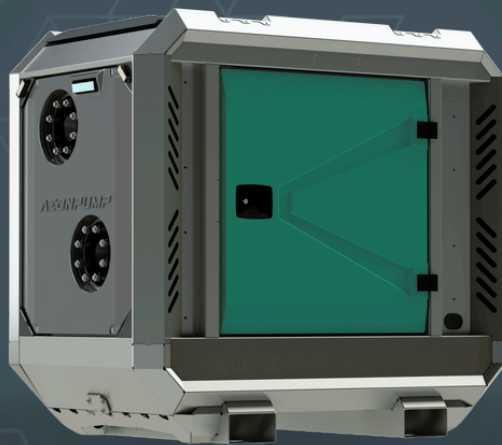


AEDONPUMP

RAPTOR 4E HEAVY



ELECTRICALLY

**DRIVEN SEWAGE
AND DEWATERING PUMP**

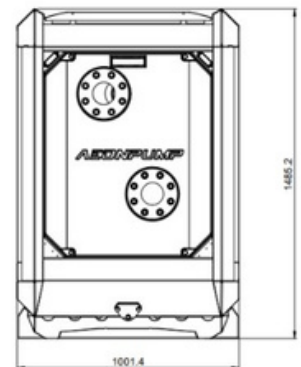
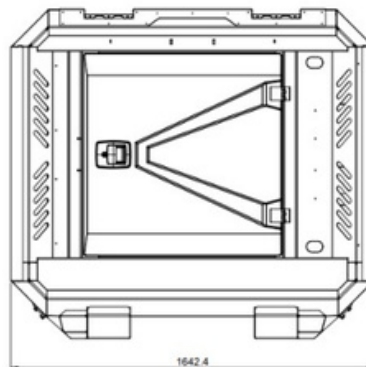
FEATURES AND COMPETITIVE EDGE

Type: **RAPTOR 4E Heavy**
Connection size: **4 in x 4 in**

Frame LxWxH: **1634x990x1482 mm /**
64.3x39x58.3 in
Dry weight: **900 kg / 1980 lbs**

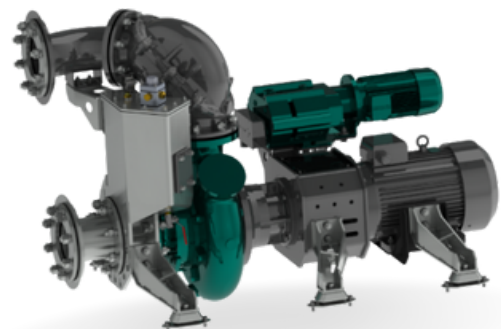
Designed for heavy duty applications.
Sewage bypass, drainage and dewatering:

- 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: **165 m³/h / 726 US gpm**
 Max. head: **21 m / 69 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)**
 SuctionLiner: **GG20 (0.6020)**
 Suction liner adjustable by external regulation screws.





Electric Motor Power: **7.5 kW / 10.1 hp**
Rated Voltage: **400/690V 50/60 Hz**
Rotation speed: **1700 rpm**
Standard: **EC Directive 2005/32**



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 MOTOR CONTROLLER OPTIONS

Standard Frequency converter

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

*Optional



Retro Star Delta

Dual float switch
Phase control
Hour meter
Socket 32 A



FRAME OPTIONS

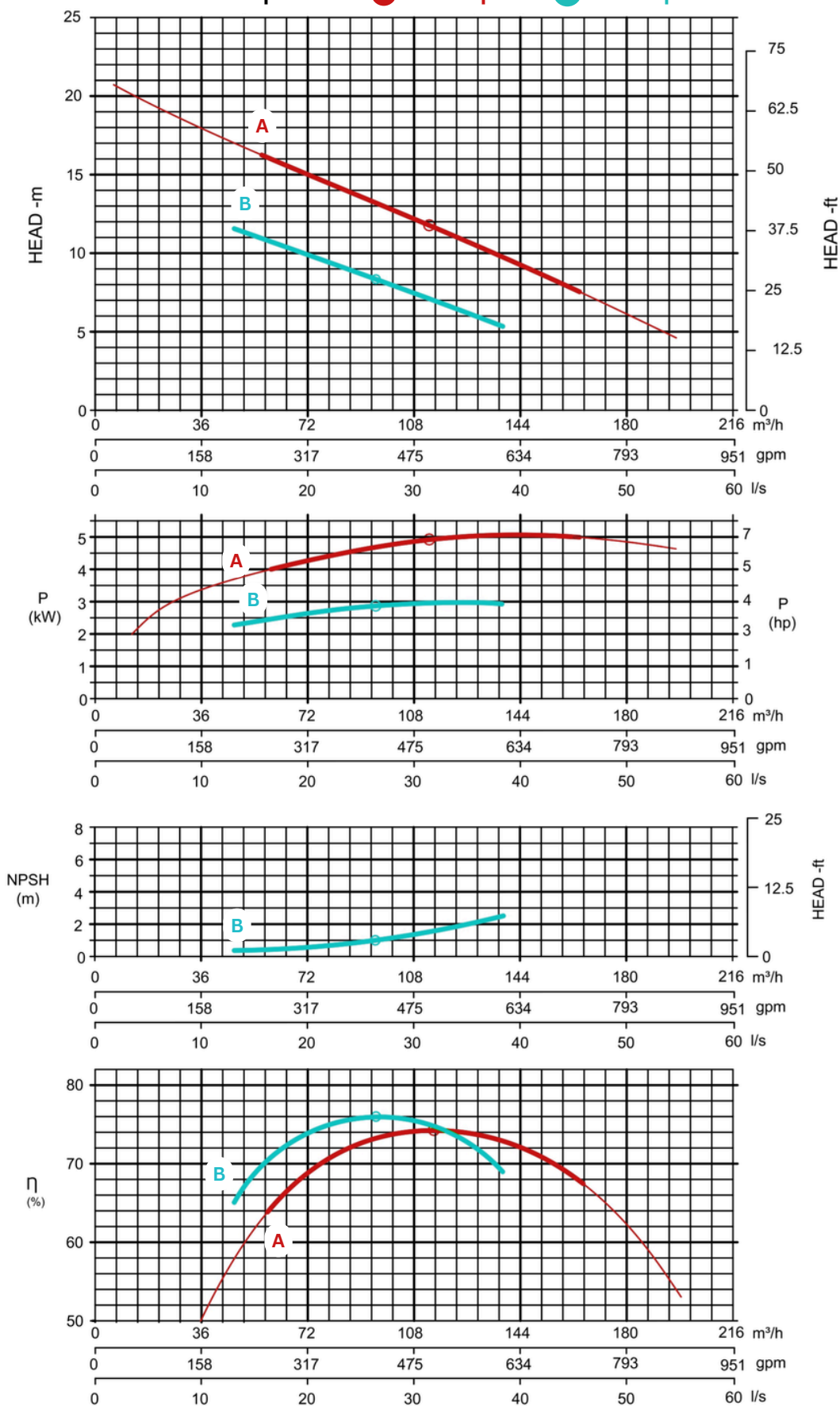
Silent Canopy Canopy type: **Stackable**
Material: **Hot dip galvanized steel**
Dimensions LxWxH: **1634x990x1482 mm / 64.3x39x58.3 in**
Lifting point: **Single lifting point**
Forklift pockets: **Installed**



Open Canopy Canopy type: **Stackable**
Material: **Hot dip galvanized steel**
Dimensions LxWxH: **1634x990x1482 mm / 64.3x39x58.3 in**
Lifting point: **Single lifting point**
Forklift pockets: **Installed**



Curves at Speeds: **A 1700 rpm** **B 1438 rpm**



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