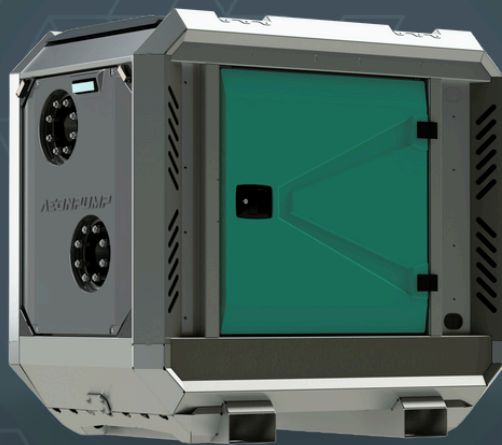


**AEDONPUMP**

# RAPTOR 4E HEAVY



**ELECTRICALLY**

**DRIVEN SEWAGE  
AND DEWATERING PUMP**

## FEATURES AND COMPETITIVE EDGE

Type: **RAPTOR 4E Heavy**

Connection size: **4"**

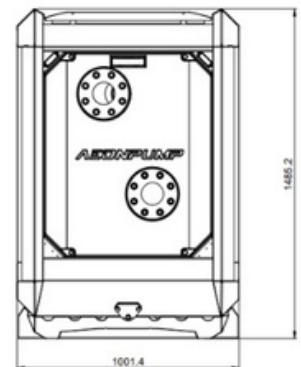
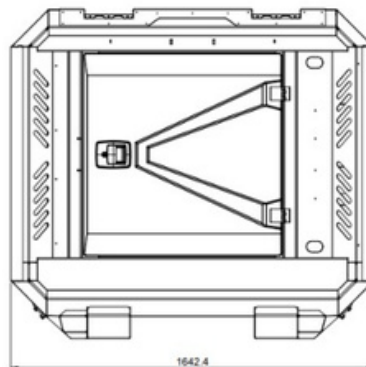
Frame LxWxH: **1634x990x1482 mm**  
**(64.3x39x58.3")**

Dry weight: **900 kg (1984.16 lbs)**

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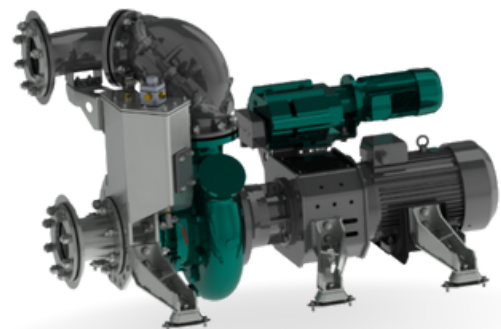
**Designed for heavy duty applications.**  
**Sewage bypass, drainage and dewatering:**

- 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 m<sup>3</sup>/h (726 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)**  
              SuctionLiner: **GG20 (0.6020)**  
              Suction liner adjustable by external regulation screws.





**Electric Motor** Power: **7.5 kW (10.06 hp)**  
Rated Voltage: **400/690V 50/60 Hz**  
Rotation speed: **1700 rpm**  
Standard: **EC Directive 2005/32**

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**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 MOTOR CONTROLLER OPTIONS

**Standard** Frequency converter

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

\*Optional

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**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")**  
Lifting point: **Single lifting point**  
Forklift pockets: **Installed**

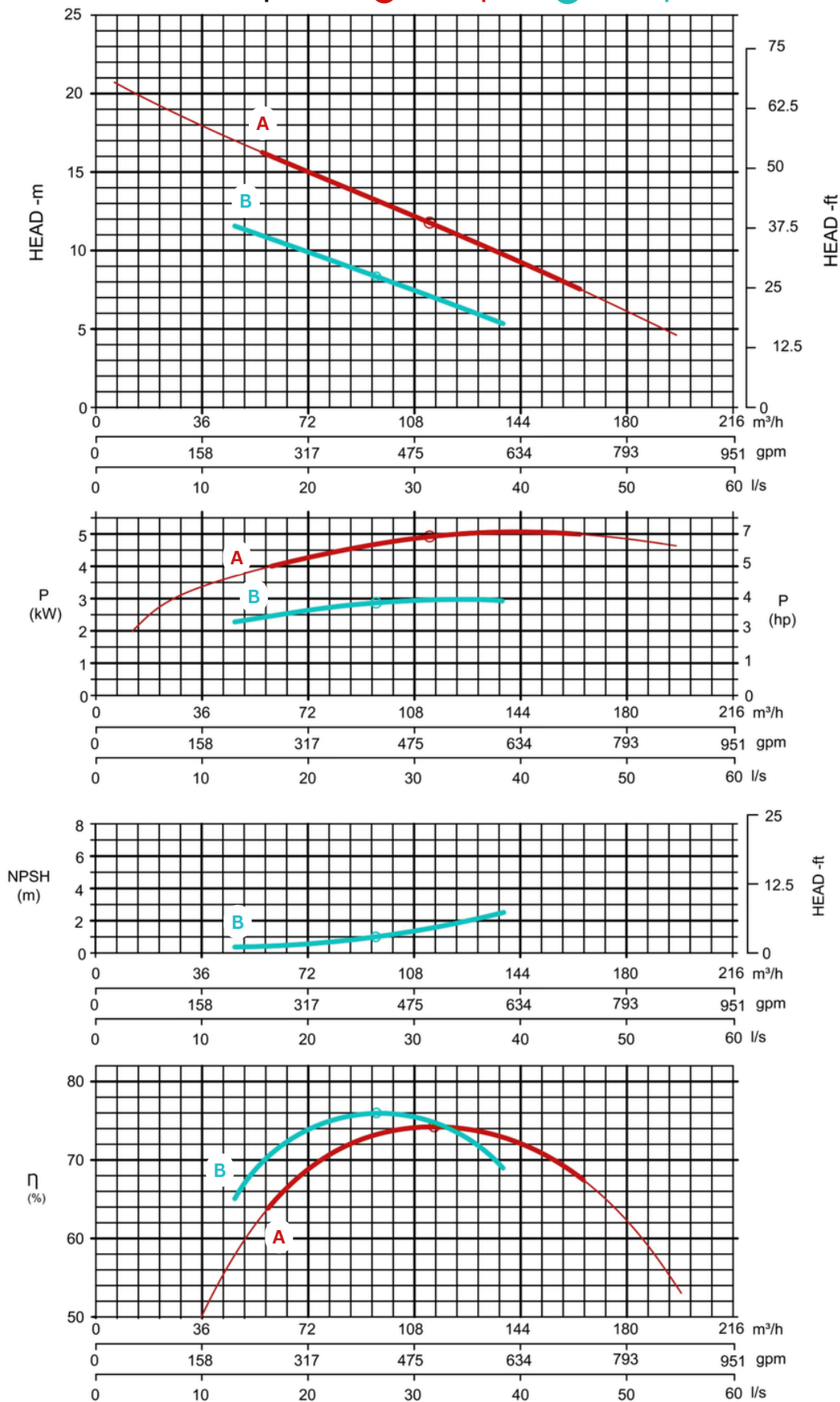
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**Open Canopy** Canopy type: **Stackable**  
Material: **Hot dip galvanized steel**  
Dimensions LxWxH: **1634x990x1482 mm (64.3x39x58.3")**  
Lifting point: **Single lifting point**  
Forklift pockets: **Installed**



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)