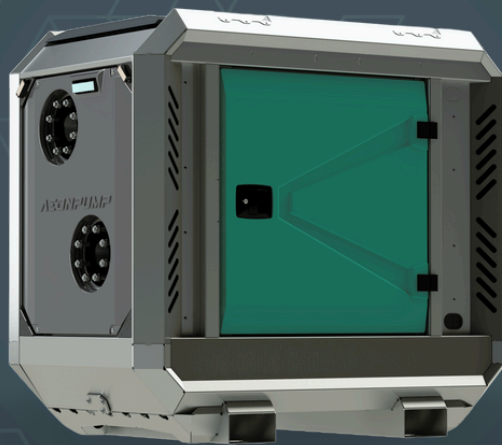


AEDONPUMP

RAPTOR 4D



DIESEL

**DRIVEN SEWAGE
AND DEWATERING PUMP**

FEATURES AND COMPETITIVE EDGE

Type: **Raptor 4D**

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

Frame LxWxH: **1634x990x1482 mm**

64.3x39x58.3 in

Dry weight: **880 kg / 1940 lbs**

Fuel tank capacity: **200 L / 53 US gallons**

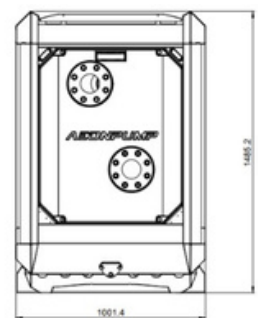
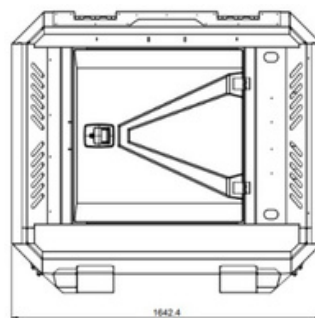
Consumption: **1.6 L/h / 0.42 gal/h**

Sound level: **54dB at 10 m/at 33 ft**

Designed for heavy duty applications.

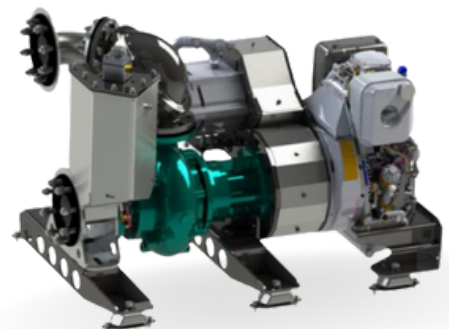
Sewage bypass, drainage and dewatering:

- 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: **190 m³/h / 836 gpm**
Max. head: **19 m / 62 ft / 27 PSI**
Impeller type: **Screw impeller**
Solids handling: **75 mm / 2.95 in**
Temperature: **max. 40°C / max 104°F**
Casing: **GG25 (0.6025)**
Impeller: **GGG60 (0.7060)**
Suction Liner: **GG20 (0.6020)**
Suction liner adjustable by external regulation screws
Wear Ring: **GG20 (0.6020)**
Shaft: **1.4021**
Shaft Sealing: **WC/SiC/NBR**
O-Rings: **NBR**





Priming System Pump type: **dry claw vacuum pump**
Air handling capacity: **60 m³/h / 35 CFM**
Max. vacuum: **9.0 m / 30 ft**
Floatbox: **Hot dip galvanized Steel**
Non-return valve: **Ductile iron GJS400**
Check valve ball: **Rubber NBR**



ENGINE OPTIONS

Standard Model: **Hatz 1D90E**
Emission standard: **Stage V/ Tier 4f**
Cylinders: **1**
Displacement: **0.722 L / 44.06 cu.in.**
Bore and stroke: **104 x 85 mm / 4.09 x 3.35"**
Maximum power: **5.7 kW / 7.64 hp @1600 rpm**
Variable speed: **1500 - 1600 rpm**
Combustion system: **High Pressure Mechanical Direct Injection**



Retro Model: **Hatz 1D81**
Emission standard: **Stage V/ Tier 4f**
Cylinders: **1**
Displacement: **0.667 / 40.7 cu.in.**
Bore and stroke mm: **100 x 85 / 3.94 x 3.35 in**
Maximum power: **5.7 kW / 7.64 hp @1600 rpm**
Variable speed: **1500 - 1600 rpm**
Combustion system: **High Pressure Mechanical Direct Injection**



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**



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**



CONTROL PANEL OPTIONS

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

* Optional

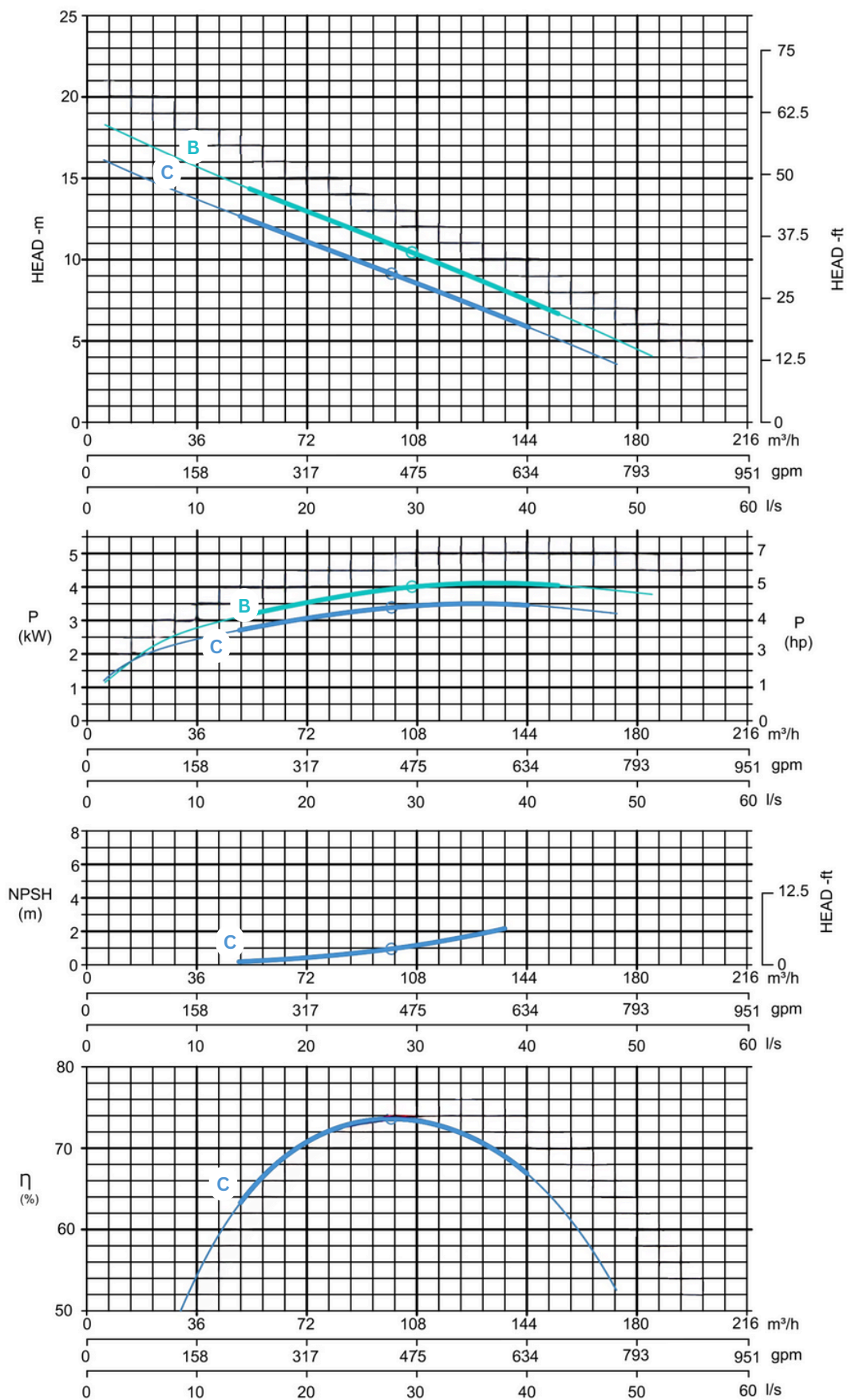


Retro Ignition switch
Hour meter
Oil pressure indicator
Battery indicator
Dual float switch
Light Assistant*

* Optional



Curves at Speeds: 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 ISO 9906:2012-38)