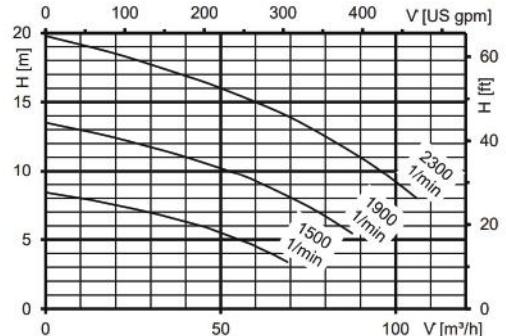
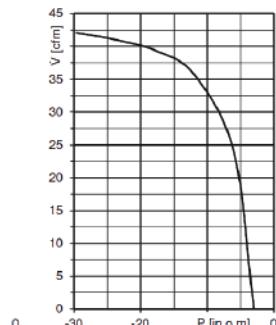


## SPECIFICATIONS

# HC522/17 4" DEWATERING PUMP



Pump Performance 2000 1/min,  
Calculated Values for 1750 1/min and 1500 1/min:  
Reference: pu = 0 bar negative pressure



Vacuum Pump: reference:  
Suction Pressure

### AQV100-120LT (HC522/17)

#### Application:

Construction Industry – Wellpoint & Sock Dewatering Systems – Trench/Pit Dewatering

#### Function Principle:

The diesel driven water and vacuum pump provide a constant delivery of a water-air-mixture. The air separation chamber which is connected at the inlet of the water pump, separates the air which entered together into the conveying pipe from the water so that the water pump will only discharge water. Through this combined system a safe, fast conveying and a high vacuum are reached.

With approval by the manufacturer, the engine oil on this model does not need to be changed before 1000 hours of operation are reached.

#### Features HC522:

- Assembled on a completely galvanized tank frame slide
- Sound attenuated lockable enclosure
- Includes Type B suction & discharge fittings, and adjustable discharge butterfly valve
- Oilless vacuum pump
- Integral Base Fuel Tank options of 60 gal or 136 gal (LT)
- Fuel consumption at 100% load: 0.48 gal/h
- Fuel consumption at 50% load: 0.27 gal/h
- Sound level: LPA7m=56dB(A), LPA10m=54dB(A)
- 1.77 inch solids handling
- Dry running capability
- Fuel Indicator
- Complies with US EPA Stage TIER 4 final

#### AQV100-120LT Highlighted Features:

- Fuel consumption of 0.27 gal/h and up to 21 days of continuous use without refueling at avg 50% load
- Total 120CFM Pump Performance (Air & Water)

Pump Curve	Water Pump				Vacuum Pump			Engine				Shipping Dimensions appr.	
	Capa-city	Head	Con-nection	Max. solid size	Capa-city	Va-cuum	RPM	Brand	Type exhaust-stage	Po-wer	RPM	Length x Width x Height	Weight
	V <sub>max</sub>	H <sub>max</sub>	D <sub>Ns</sub>	D <sub>ND</sub>	Ø					P	n	L x W x H	m
	US gpm/CFM	ft H <sub>2</sub> O	in	in	cfm	in.o.m	1/min			kW	1/min	in	lb
AQV100-120	500/67	49.1	4	1.77	50	26.7	1800	Hatz	1D90E US-EPA TIER 4 f	8.0	2000	61 x 49.2 x 57	2319
AQV100-120LT												61 x 49.2 x 68.3	2840

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