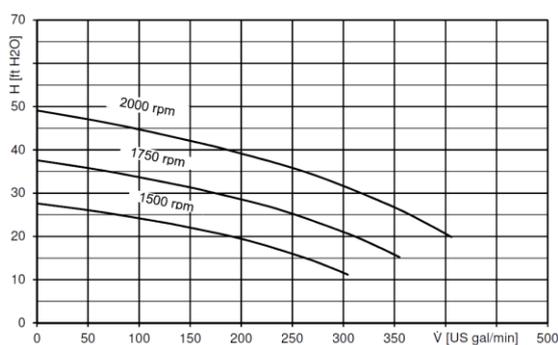


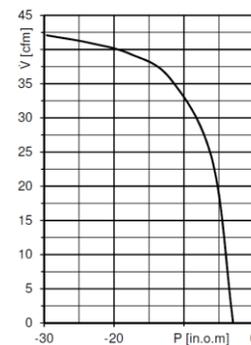
Issue 05/21	Technical Data	
HÜDIG Diesel – Vacuum - Unit		HÜDIG®
HC 522/16 – 522/17 US EPA TIER IV final		www.huedig.de



HC 522/16



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

Application:

Construction Industry – General Industry – Municipalities -
Conveying of ground water

Function principle:

The diesel driven sewage water pump and vacuum generator 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 and fast conveying and a high vacuum are reached.

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

Features HC522:

- assembled on a completely galvanized tank frame slide
- sound insulation hood,
- Tank volume 226 l sufficient for 119 hours of operation
- Self-priming wastewater pump
- Belt transmission
- Rotation vacuum generator without lubrication, low maintenance type
- Fuel consumption at 100% load: 1,85 l/h
- Fuel consumption at 50% load: 1,04 l/h
- The sound power level is: LWA = 83dB
- calculated sound pressure level: LPA_{7m}=56dB(A), LPA_{10m}=54dB(A)

Special features HC522/17 Longrun:

- **tank volume 511 l, enough for 12 days continuous duty without maintenance.**
- Engine oil capacity: 5 l

Type	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	Lenght x Width x Height	Weight
	V _{max}	H _{max}	DN _s DN _D	Ø			P			n			
	gpm	ft H ₂ O	in	in	cfm	in Hg	1/min			kW	1/min	l x w x h	m
HC 522/16	406	49,1	4,3	1,77	42,1	26,7	1650	Hatz	1D81Z US-EPA TIER 4 f	7,6	2000	61 x 49,2 x 57,1	2319
HC 522/17												61 x 49,2 x 66,9	4552

Subject to change without prior notice!



HÜDIG GmbH & Co. KG • Absenk- und Beregnungsanlagen
 Altencelle Tel. + 49 (0) 5141 / 88 45 -0
 Heinrich-Hüdig-Str. 2 Fax + 49 (0) 5141 / 8 69 18
 D – 29227 Celle E-Mail: info@huedig.de
 Homepage: www.huedig.de