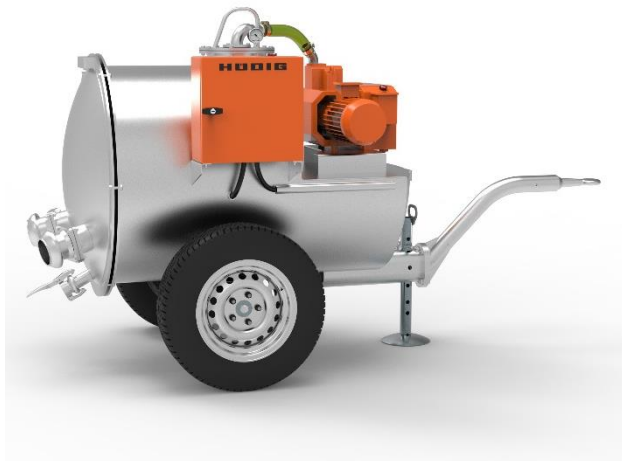


4



Application

Construction Industry - General Industry – Municipalities

- Conveying of ground water
- Wellpoint dewatering
- Vacuum consolidation

Elements	Parameter	Unit	Value	
			HC 467/15	HC 467/25
			15	25
	Voltage	V	400	
	Frequency	Hz	50	
	Sound power level	LWA	dB 82	
	Sound pressure 7/10 m	LPA	dB 56/53	

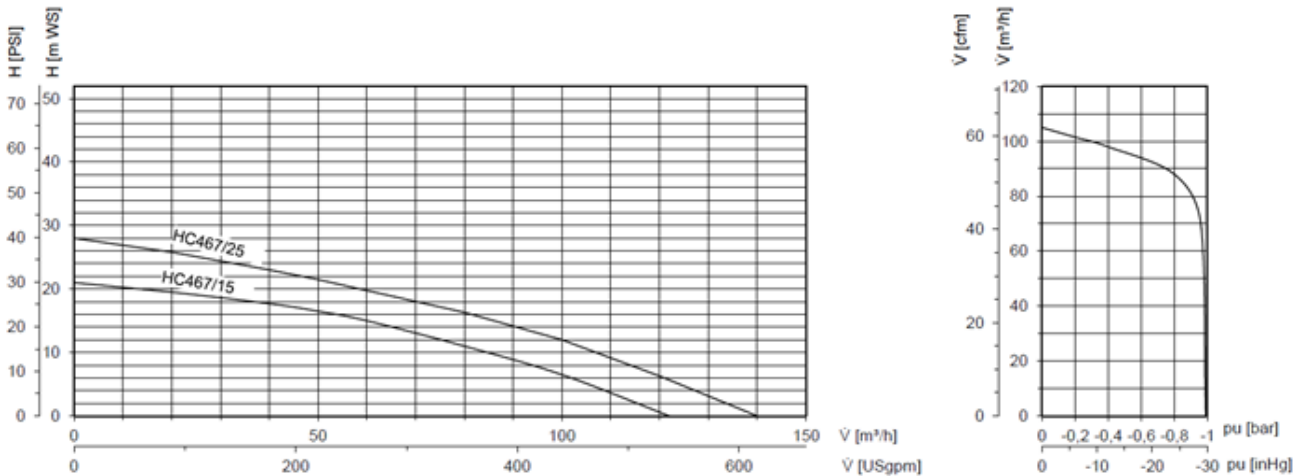
Water Pump	Flow	V_{max}	m^3/h	122	140
	Head	H_{max}	m WS	21	28
	Connection	DN_S / DN_D	mm	2 x 108 V 1 x 108 V	2 x 159 V 1 x 159 V
	Solid size max.	\emptyset	mm	10	

Vacuum Pump	Flow	\dot{V}	m^3/h	105
	Vacuum	p_U	bar	-0,98

Motor	Power consumption	P_N	kW	4,7	6,2
		P_{max}	kW	6,7	8,9
Dimensions	Length x width x height	$l \times w \times h$	mm	1595 x 1340 x 1470	
Weight		m	kg	470	479

¹⁾ 108 V connection available on request

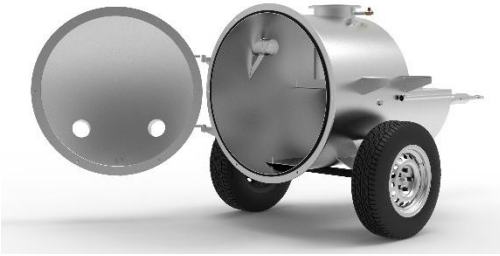
Performance Chart



Function

The fully automated principle of the HC 467 makes it possible to lower a particularly large number of long wellpoints. The rotary vane vacuum pump runs continuously, efficiently separating water and air. As soon as the boiler is filled, the water is drained by a high-quality submersible pump.

Features



Vacuum Chamber

HÜDIG vacuum boilers are hot-dip galvanised as standard and therefore offer optimum protection against corrosion. Large boiler volumes ensure that the water pumps and vacuum generators are switched on less frequently. This results in better efficiency and a longer service life for the entire unit.



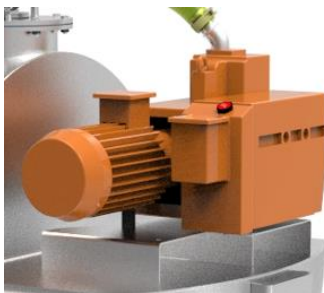
Waste Water - Submersibles

If a filter jacket is defective or open dewatering is in operation, this is no problem for HÜDIG electric vacuum units. Our high-quality submersible waste water pumps are designed to reliably pump even water containing sand, thus preventing premature failure. An additional advantage is their dry-running reliability, which guarantees operation even under difficult conditions. An absolute advantage!



Switch Cabinet

The water and vacuum pumps are switched on or off via an electrode system. This type of control has the advantage over a selector disc float control that it is also insensitive in the long term. The electrical components used are standard commercial components. This ensures a rapid supply of spare parts in the event of a breakdown. A so-called phase sequence relay ensures that the electric motors are always operated in the correct direction of rotation!



Vacuum Pump

The oil-lubricated rotary vane vacuum pumps from Hüdigg offer numerous advantages. They are robust, low-maintenance and can achieve a very high vacuum of up to -0.99 bar. This means that filter lances of over 7 metres can be used.