Technical Data

HC 468 Electric – Vacuum – Unit

Elements	Parameter		Unit	Value	
				HC 468/ 15	25
	Voltage		V	400	
	Frequency		Hz	50	
	Sound power level	LWA	dB	82	
	Sound pressure 7/10 m	LPA	dB(A)	55/53	
Water Pump	Flow	V_{max}	m³/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.	Ø	mm	10	
Vacuum Pump	Flow	$\dot{V}$	m³/h	100	
	Vacuum	p_U	bar	-0,92	
Motor	Power consumption	P_N	kW	3,7	4,8
		P_{max}	kW	7,9	9,6
Dimensions	Length x width x height	l x w x h	mm	1895 x 1650 x 1400	
Weight		m	kg	506	515

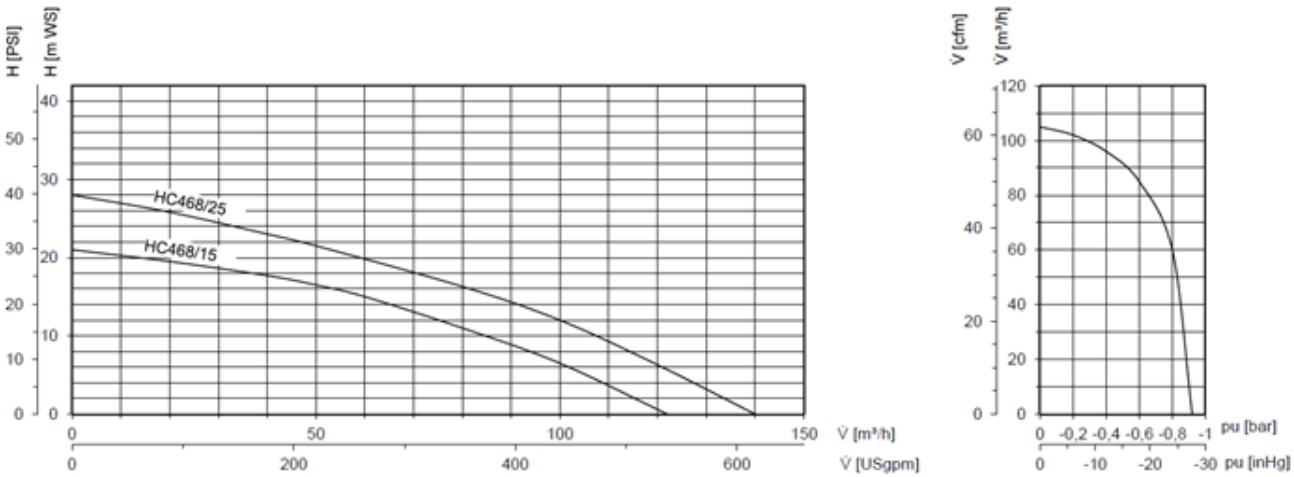
[1] Connection 108 V available on request

Application

Construction Industry - General Industry – Municipalities

- Conveying of ground water
- Wellpoint dewatering

Performance Chart



Function

The fully automated principle of the HC 468 makes it possible to lower a particularly large number of long wellpoints. The oil-free 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.

HÜDIG GmbH & Co. KG ● Absenk- und Beregnungsanlagen ● Heinrich-Hüdig-Str. 2 ● D – 29227 Celle ● Tel. + 49 (0) 5141 / 88 45 0 ● E-Mail: info@huedig.de

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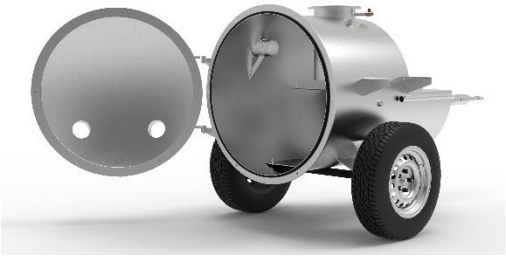
Features



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 and vacuum generators are switched on less frequently. This results in improved 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 or vacuum generators 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 dry-running and oil-free rotary vane vacuum pump from Hüdig offers numerous advantages. It is robust, low-maintenance and environmentally friendly, as no oil is required. This results in lower operating costs and there is no risk of oil contamination. These pumps are reliable, durable and quiet, making them ideal for noise-sensitive environments.

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