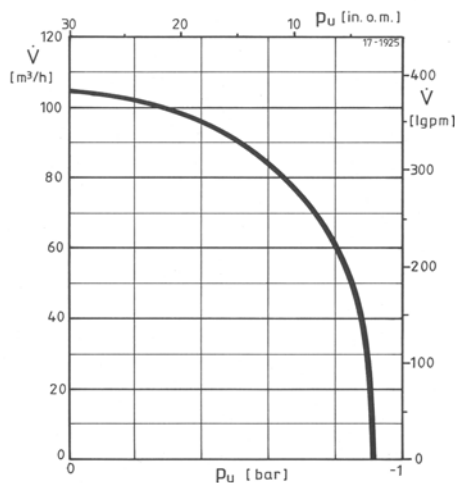


**Application:**

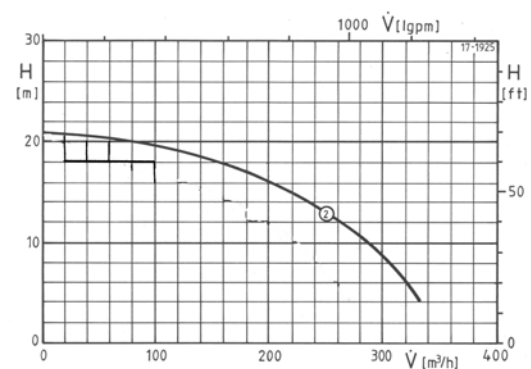
Construction industry – Industry – Communities
Delivery of ground water

Operation:

Water and air pump, driven by Diesel engine provide a water-air-mixture constantly. The air separation chamber, connected in series, within the water pump, separates air, entered into the suction pipe, from water, so that the water pump will only deliver water. Through this combined system a safe and quick suction and a high vacuum is reached.



Vacuum pump: refer: suction pressure



Water pump: refer: $p_u = 0$ bar low pressure

Design:

- Mounted on tank frame chassis, movable at site (6 km/h)
- Tank volume: 24 hours
- Impeller material: bronze
- Rotation vacuum producer without lubrication, therefore low in maintenance
- HC 551/09 with encapsulated engine

Type	Water pump				Vacuum pump		Engine				Shipping data approx.	
	Capacity	Head	Connection	Corn size max.	Capacity	Vacuum	Brand	Type	Power output	Speed	Lengthxwidthxheight	Weight
	V_{max}	H_{max}	DN _S DN _D	Ø					P	n		
	m³/h	m	mm	mm	m³/h	bar	kW	1/min	mm	kg		
HC 551/07	330	21	159 male	45	105	-0,92	Deutz	F3L912	22 ¹⁾	1500	2270 x 1580 x 1680	1125
HC 551/09	330	21	159 male	45	105	-0,92	Hatz	3L41C	20,6	1500	2270 x 1580 x 1680	1146

¹⁾ ICFN reduced for 45°C ambient temperature

Subject to change without notice!

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Absenk- und Beregnungsanlagen

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