



## VacuStar WR 2500 – 3100

Liquid ring compressor vacuum-pump

**CVS develops and manufactures compressor vacuum-pumps specifically designed for installation in vacuum trucks. The development is made in close collaboration with our customers. This guarantees the optimum product for your application.**



### The liquid ring compressor vacuum-pump

The series WR was developed especially for the high requirements on mounting in suction vehicles, municipal vacuum trucks and combination trucks (combined suction and water jetting).

### Features

- » High quality liquid ring compressor vacuum-pumps from CVS for higher suction level and more suction power
- » Unique and robust design guarantee long lasting performance and high operating hours
- » Compact and light-weight liquid ring compressor vacuum-pumps for higher payload on the truck

### Liquid ring compressor vacuum-pumps with system

The series WR consists of 3 sizes with a volume flow of up to 4065 m<sup>3</sup>/h / 2393 cfm.

### Advantages

- » Swivel mounted pump between the mounting feet
- » Suction and pressure flange can be connected electively on shaft side or opposite
- » Mechanical seal
- » Low weight design by using aluminum
- » Connection flanges can be swiveled
- » Installation friendly design
- » Only one water drain

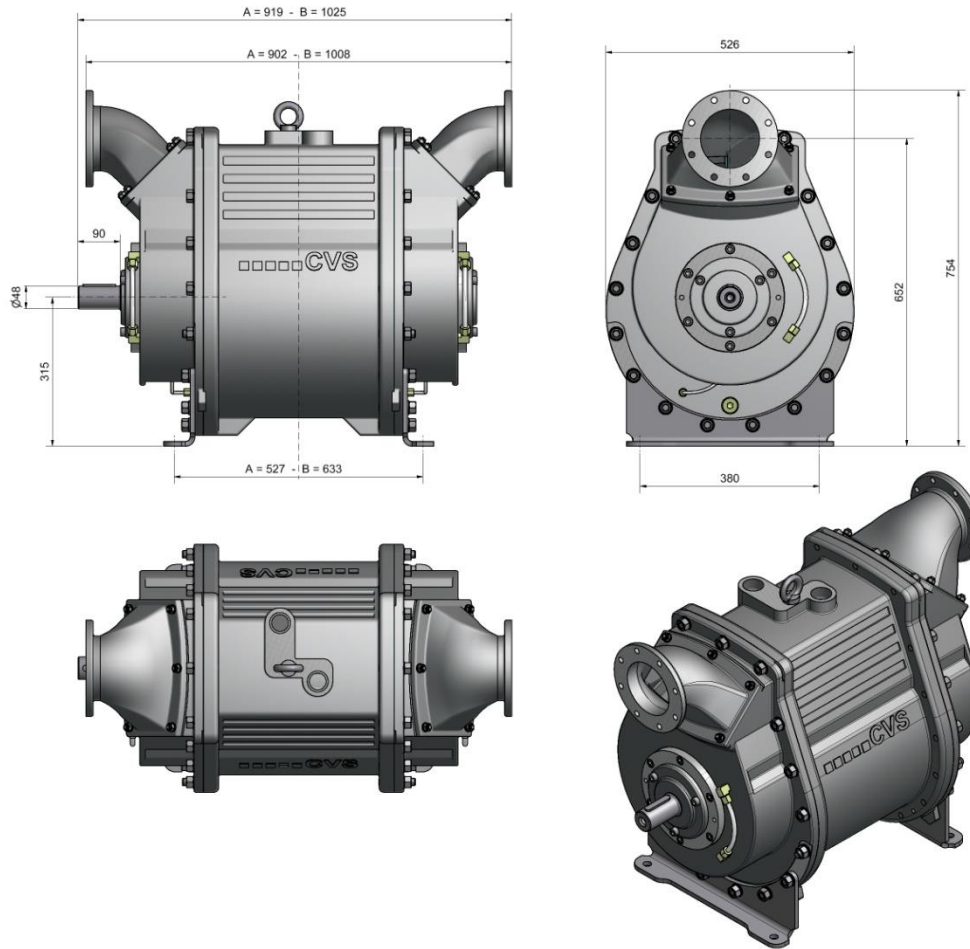


### Optional

- » Ceramic-coated housing and end covers for extreme conditions. Excellent resistance to abrasion, erosion and cavitation. Chemical resistance to acid and alkaline media.
- » Stainless steel impeller made of V2A, corrosion and abrasion resistant, well suited for low temperature applications, resistant to weak organic and inorganic acids.
- » The integrated cell ventilation protects the water ring pump against cavitation > Increased service life.



## Dimensions



A = WR 2500  
B = WR 3100

## Technical data

		VacuStar WR 2500	VacuStar WR 3100
Max. volume flow	m <sup>3</sup> /h / cfm	2500 / 1470	3100 / 1825
Max. operating pressure	bar g / psig	1.5 / 21.3	1.5 / 21.3
Max. operating vacuum*	mbar / HG“	130 / 26	130 / 26
Speed range	1/min / rpm	800 - 1600	800 - 1600
Max. power requirement at 0.5 bar g / 7.25 psig	kW / hp	77.0 / 105	94.0 / 128
Sound pressure level in 7 m distance at 400 mbar / 18 HG“	dB(A)	70	72
Weight	kg / lb	175 / 385	192 / 422

\*Depending on cooling water temperature

Technical subject to alteration