



## VacuStar WR 4000

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

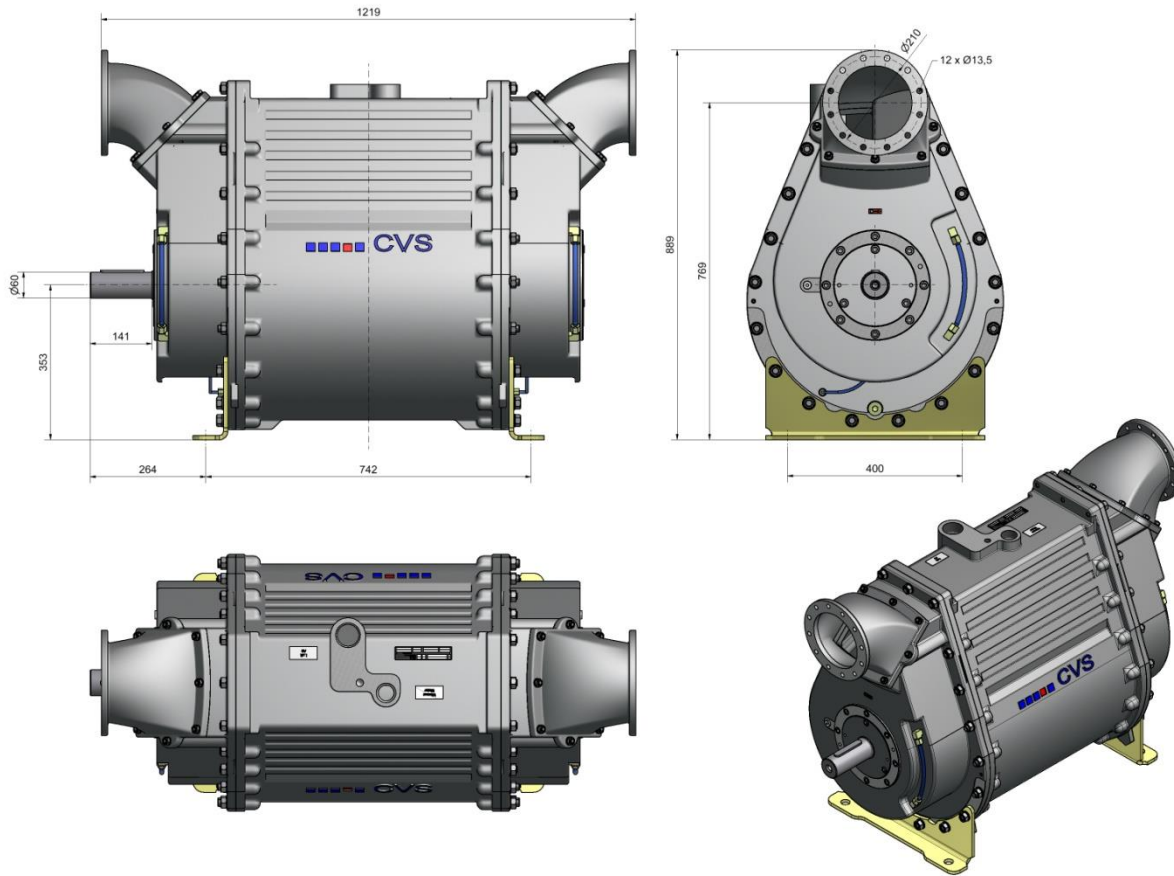


### Optional

- » 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



## Technical data

		<b>VacuStar WR 4000</b>
<b>Max. volume flow</b>	<b>m<sup>3</sup>/h / cfm</b>	4065 / 2393
<b>Max. operating pressure</b>	<b>bar g / psig</b>	1.0 / 14.5
<b>Max. operating vacuum*</b>	<b>mbar / HG"</b>	130 / 26
<b>Speed range</b>	<b>1/min / rpm</b>	800 - 1300
<b>Max. power requirement at 0.5 bar g / 7.25 psig</b>	<b>kW / hp</b>	131.5 / 176
<b>Sound pressure level in 7 m distance at 400 mbar / 18 HG"</b>	<b>dB(A)</b>	73
<b>Weight</b>	<b>kg / lb</b>	298 / 657

\*Depending on cooling water temperature

Technical subject to alteration