

ZEROVAC LRV-120 / 140 / 180

Monoblock Liquid Ring Vacuum Pumps



■ ROBUST

- Proven technology
- Corrosion-free stainless steel impeller
- High particle and vapor tolerance

■ COMPACT

- Directly flanged motor
- No base frame required
- Compact design, maximum performance

■ FLEXIBLE

- Cast iron, 304 or 316 grade stainless steel housing options
- ATEX-certified version available
- Operating fluids other than water possible

Accessories

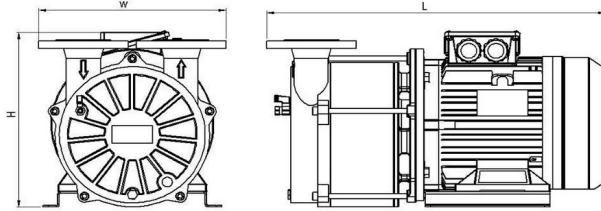
- Partial or total recirculation systems
- Heat exchanger
- Non-return valves
- Liquid separator
- Gas ejector
- Vacuum relief valves
- Cavitation protection
- Wide selection of motors
- Different operating fluids possible

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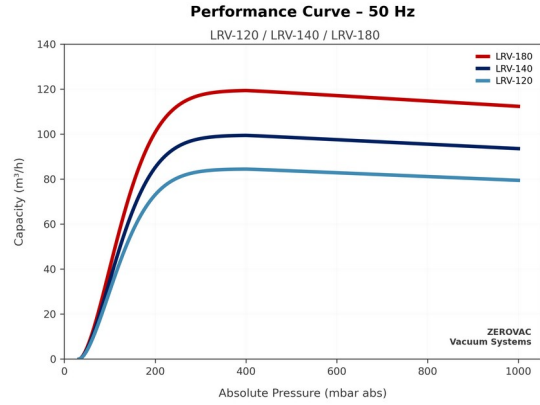
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Installation Drawing



Performance Curve



Technical Data

50 / 60 Hz

	ZEROVAC LRV-120	ZEROVAC LRV-140	ZEROVAC LRV-180
Nominal pumping speed	85 / 100 m³/h (50 / 60 Hz)	100 / 120 m³/h (50 / 60 Hz)	122 / 144 m³/h (50 / 60 Hz)
Ultimate Pressure	33 mbar (50 / 60 Hz)	33 mbar (50 / 60 Hz)	33 mbar (50 / 60 Hz)
Negative Pressure	-735 mmHg (50 / 60 Hz)	-735 mmHg (50 / 60 Hz)	-735 mmHg (50 / 60 Hz)
Motor Power	2.2 / 3.0 kW (50 / 60 Hz)	3.0 / 4.0 kW (50 / 60 Hz)	4.0 / 5.5 kW (50 / 60 Hz)
Motor Speed	1450 / 1750 min ⁻¹ (50 / 60 Hz)	1450 / 1750 min ⁻¹ (50 / 60 Hz)	1450 / 1750 min ⁻¹ (50 / 60 Hz)
Sound Pressure Level	70 dB(A) (50 / 60 Hz)	70 dB(A) (50 / 60 Hz)	70 dB(A) (50 / 60 Hz)
Weight approx.	54 / 60 kg (50 / 60 Hz)	60 / 73 kg (50 / 60 Hz)	70 / 90 kg (50 / 60 Hz)
Dimensions (L x W x H)	520 x 330 x 347 mm	533 x 330 x 347 mm	564 x 330 x 347 mm
Inlet / outlet	DN 40 PN 16 / DN 40 PN 16	DN 40 PN 16 / DN 40 PN 16	DN 40 PN 16 / DN 40 PN 16

NEED MORE INFORMATION?

Contact our sales team for technical assistance, product selection, or a customized quotation.

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