

C-SERIES CLAW | VACUUM PUMP

VLR-OXY

The VLR-OXY option brings dry claw performance to your oxygen-rich application. Available as an option on the VLR301, VLR401, and VLR501, these pumps are ideal for waste anesthesia gas recovery and other niche applications where process gas may be composed of up to 60% v/v O₂. The special preparation of these pumps involves thorough and exacting cleaning of all internal components to ensure that the process gas stream will never contact residual combustible materials within the compression chamber of the vacuum pump.

Dry Vacuum

Oil-free vacuum allows for clean performance without the hassle and expense of regular process oil changes. This is especially relevant in the realm of high-oxygen processes, where the use of incredibly expensive fluorinated oils is mandated. With the VLR-OXY line of vacuum pumps, your maintenance costs will be reduced to an occasional change of gearbox lubricant.

Capabilities

- Low maintenance, no costly oil changes
- Service intervals up to 5 years
- Extremely power efficient
- Compact footprint
- Lowest in class sound levels
- Environmentally friendly
- Ideal for operation on VFD
- Base pressure of 24–25.5 inHg, depending on size

Elmo Rietschle
VLR-OXY:
Dry claw technology
for your oxygen-rich
processes

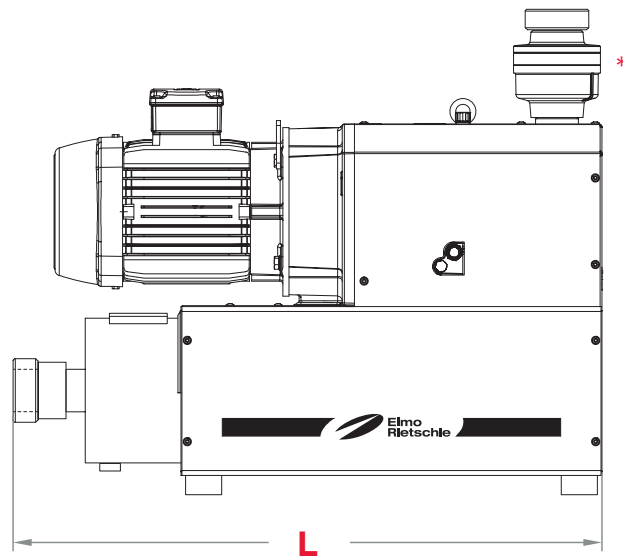
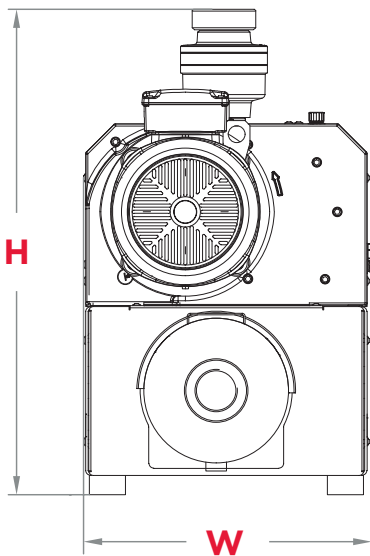


VLR-301

C-VLR-OXY

SPECIFICATIONS

MODEL	ACFM OPEN FLOW		BASE PRESSURE		POWER		IN/OUT	WEIGHT 60 HZ		DIMENSIONS H × W × L	
	50 HZ	60 HZ	TORR	in. HgV	HP	KW		NPT	LBS	KG	INCHES
301	170	205	113	25.5	7.5	5.59	2"	612	278	23.62 × 18.82 × 45.98	600 × 478 × 1168
401	240	285	150	24	12.0	8.95	3"	930	422	37.91 × 23.54 × 48.98	963 × 578 × 1244
501	295	355	150	24	15.0	11.19	3"	1118	507	37.91 × 23.54 × 48.98	963 × 598 × 1244



*This check valve is internal on the VLR-301, and is not externally mounted as with the VLR-401 and VLR-501.



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Printed in U.S.A.
C-VLR-OXY 2nd Ed. 7/24

