

PureVac

VCS50-VCS75 VANE & VLR60 DRY CLAW

Industrial Vacuum Systems

Manufacturing

Elmo Rietschle vacuum systems are manufactured at our facility in Missouri – a center of excellence for vacuum products. Each system is designed with the user in mind, for ease of selection, ordering, installation and maintenance. Elmo Rietschle has captured all the expertise, across the organization and build these systems with industrial applications in mind and is ISO 9001 Registered and committed to quality.

Why Elmo Rietschle

- 100+ years of engineering experience.
- High Quality Products.
Elmo Rietschle is known for quality and performance.
- A global Service Network with on-site support.
- Knowledge in the form of system configurators, applications, design and manufacturing.
- Unmatched Range of solutions available, all from one source.



Technical Data

	PUMP MODEL	MOTOR		NOMINAL PUMPING SPEED		VACUUM LEVEL		PUMP TYPE	DUPLEX WEIGHT ¹		TRIPLEX WEIGHT ¹		QUADRAPLEX WEIGHT ¹	
		HP 60 Hz	KW 50 Hz	ACFM 60 Hz	ACFM 50 Hz	inHgV	TORR		LBS	KG	LBS	KG	LBS	KG
OPEN	VCS50	2	1.5	35.3	29.4	29.7	5	Oil Lube Rotary Vane	825	374	1300	590	1510	685
	VCS75	3	2.2	49.4	41.2	29.7	5	Oil Lube Rotary Vane	865	392	1360	617	1590	721
	VLR60	2	1.1	42.4	35.3	26.6	85	Hook & Claw	895	406	1405	637	1650	748
ENCLOSED	VCS50	2	1.5	35.3	29.4	29.7	5	Oil Lube Rotary Vane	1250	567	1700	771	1900	862
	VCS75	3	2.2	49.4	41.2	29.7	5	Oil Lube Rotary Vane	1290	585	1760	798	1980	898
	VLR60	2	1.1	42.4	35.3	26.6	85	Hook & Claw	1320	599	1805	819	2040	925

¹ System weights. Shipping weights will differ.

Design Features

- Duplex to Quadraplex, expandable systems, open or enclosed
- Simple Plug & Play design
- 80 gallon ASME coded vertical receiver with 2" ANSI flanged inlet
- Multiple upgrades available
 - VFD's, redundancy
 - Tank sizes
 - And more
- Motor starter panel per module with disconnect switch (lockable)
- Control panel with 7" touchscreen, status light and maintenance indicators
- Common power panel for single customer electrical hook-up (ease of installation)



Elmo Rietschle
VLR60 Vacuum Pump

Materials

ITEM	MATERIAL DESCRIPTION	OPTIONS
Frame	Extruded aluminum	
Tank	80 gallon vertical air receiver, 200 psi max allowable working pressure	120 gallon vertical tank
Flexible Pipe	Wire reinforced PVC hose with 304SS 2" flanges	
Pressure Transducer	Digital compensated pressure transducer for general industrial uses. Up to 15 psi full scale range, 316SS construction	
Inlet Filter	2" Stainless Steel "L" style vacuum filter with paper element to 2 micron	Dual filter bypass
Motor Starter	NEMA 4/12 enclosure with magnetic starter with overload protection	VFD optional adder for claw technologies
Inlet Manifold	2" schedule 40 steel pipe with welded 1 1/4" couplings and 2" ANSI flange	



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