

4VX COMPRESSOR

VERSATILE, OIL-FREE INDUSTRIAL COMPRESSOR



RIX Industries' 4VX series compressor is a four throw, v-type oil-free unit suitable for mid-high pressure applications up to 50 HP. This unit is designed for efficient and reliable operation around the clock, even for the most demanding of applications.

FEATURES:

- Modular Design - Flexible cylinder configurations for up to 4 stages of oil-free compression to meet a wide range of applications
- Air-cooled heat exchangers, compression cylinders, and crankcase - Compact/light weight package that is easy to transport and service for years to come
- Pressure lubricated crankcase - Durability and simplicity (uses standard automotive engine oil)
- Rated for 100% Continuous Duty

PERFORMANCE SPECIFICATIONS:

PRESSURE RANGE: 50-5000 PSIG
TYPICAL FLOW CAPACITY: 30-200 SCFM
POWER: Up to 50 HP
GASTYPE: Ar, He, H₂, O₂, N₂, CNG & other gas compositions

To learn more or to discuss your specific application, please contact us at:

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RIX 4VX SERIES CAPABILITIES

Inlet Pressure	Ambient Inlet			50 PSIG Inlet			100 PSIG Inlet			500 PSIG Inlet		
	Performance ¹	Pressure (PSIG)	Flow (SCFM)	Motor HP	Pressure (PSIG)	Flow (SCFM)	Motor HP	Pressure (PSIG)	Flow (SCFM)	Motor HP	Pressure (PSIG)	Flow (SCFM)
4-stage	5000	30	30	5000	55	40	N/A			N/A		
3-stage	1000	30	20	2400	65	40	5000	65	40	N/A		
2-stage	150	130	50	700	100	40	1800	100	40	5000	100	40
1-stage	50	200	50	200	200	40	400	180	40	2000	180	40

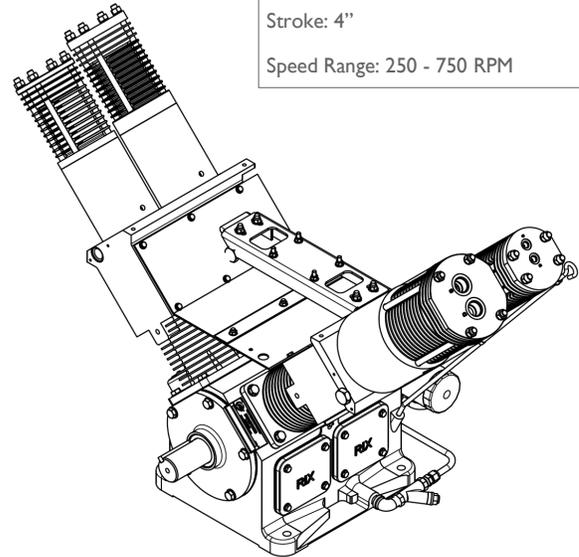
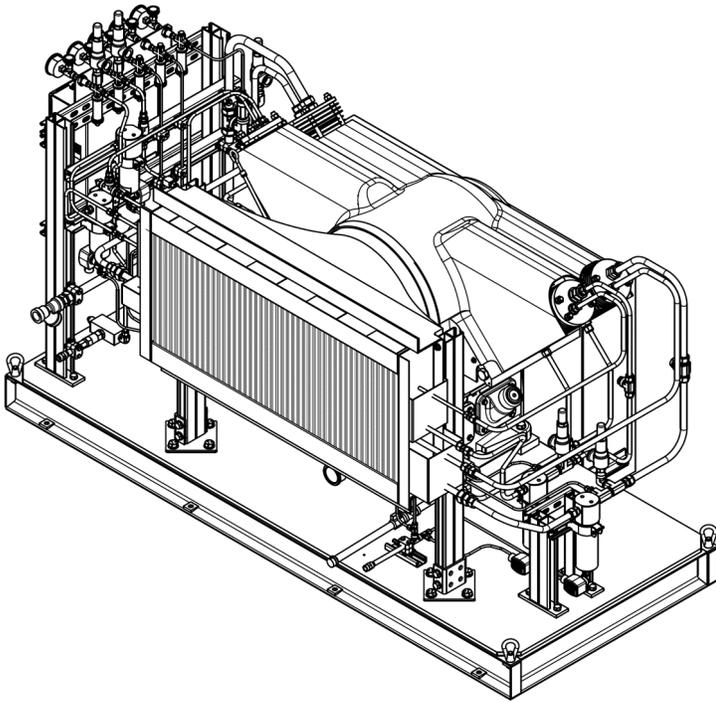
¹Actual pressure range, flow rates, unit weight and dimensions may vary by gas type and application

COMPRESSOR SPECIFICATIONS

Bare Unit Dimensions: 41"W x 54"L x 36"H'
 Weight: 750 lbs. (with flywheel)¹

Typical Pkg. Dimensions: 46"W x 88"L x 43"H'
 Weight: 2000-3000 lbs.

Cylinders: 0.5 - 5.5"D
 Stroke: 4"
 Speed Range: 250 - 750 RPM



TYPICAL ACCESSORIES	
• Electric Motor & V-belt Drive	• Pressure Transmitters & RTD's
• Intercooler/Aftercooler	• Pressure Gauges
• Cooling Air Shroud with Fan	• Relief Valves
• Cooling Fan Motor	• Beltguard
• Corrosion Resistant Tubing	• Bedplate

AVAILABLE PACKAGE OPTIONS	
• PLC Control System	• Pulsation Bottles
• Touch Screen (HMI)	• Flow Control (0 - 100%)
• Motor Starter	• Water-Cooled Inter/Aftercoolers
• Suitable for Hazardous Locations ²	• Moisture Separators

² Class I; Divisions 1-2; Groups A, B, C, or D

ABOUT RIX

RIX Industries is a technology-focused company specializing in the design, development and manufacturing of gas generation systems, precision compressor solutions, and cryogenic cooling technologies for critical applications in Marine, Aerospace, Land, Energy, Industrial, Medical, and Critical Infrastructure markets.

Founded in 1878, the company is headquartered in Benicia, CA, and operates additional facilities in Sparks, NV (Production) and Rockville, CA (Innovation Center).



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