

2J COMPRESSOR

HIGH-PRESSURE, GROUND BASED & SHIPBOARD APPLICATIONS



RIX Industries' 2J series compressor is a two throw, vertical-type oil-free unit suitable for medium and high pressure applications up to 150 HP. This unit is designed for efficient and reliable operation around the clock, even for the most demanding of applications.

FEATURES:

- Flexible Design - cylinder configurations for up to 4 stages of oil-free compression to meet a wide range of applications
- Water-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

PRODUCT SPECIFICATIONS:

PRESSURE RANGE: 50-5000 PSIG
TYPICAL FLOW CAPACITY: 100-650 SCFM
POWER: UP TO 150 HP
GASTYPE: Ar, He, H₂, O₂, N₂, CNG
& other gas compositions

To learn more or to discuss your specific application, please contact us at:
4900 Industrial Way | Benicia, CA | 94510 | P: 707.747.5900 | www.rixindustries.com



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RIX 2J 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) | Motor HP |
| 4-stage | 4500 | 100 | 100 | 5000 | 250 | 150 | N/A | | | N/A | | |
| 3-stage | 750 | 200 | 100 | 2500 | 250 | 125 | 5000 | 250 | 150 | N/A | | |
| 2-stage | 200 | 250 | 100 | 700 | 300 | 150 | 1500 | 300 | 150 | 5000 | 350 | 125 |
| 1-stage | 50 | 450 | 100 | 200 | 600 | 125 | 400 | 600 | 125 | 2000 | 650 | 125 |

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

COMPRESSOR SPECIFICATIONS

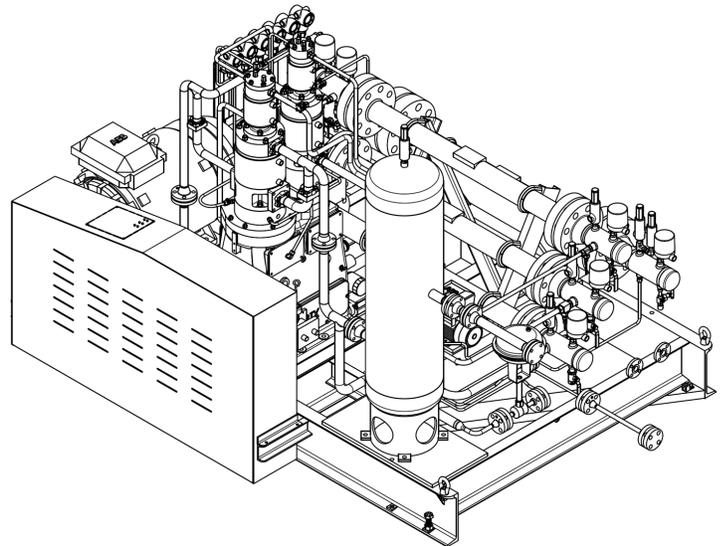
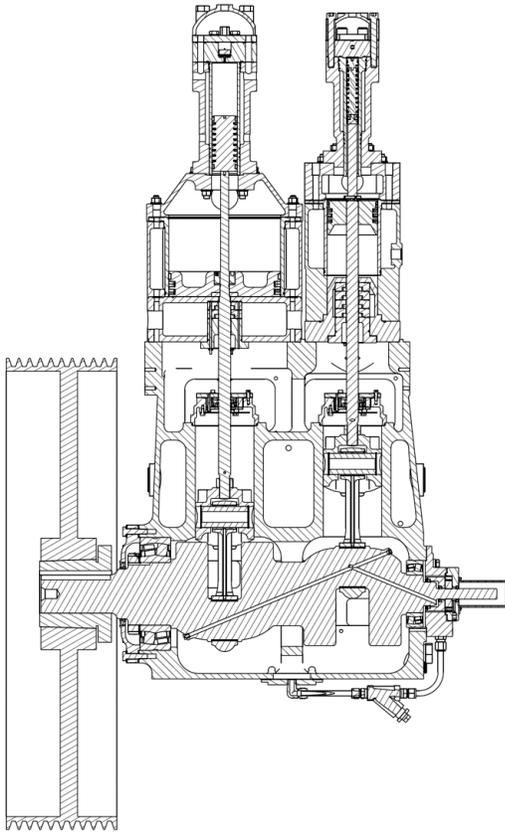
Bare Unit Dimensions: 21"W x 44"L x 71"H'
Weight: 2200 lbs. (with flywheel)¹

Typical Pkg. Dimensions: 90"W x 126"L x 91"H'
Weight: 8500 lbs.¹

Cylinders: 0.875" - 10.5"D

Stroke: 5"

Speed Range: 250 - 720 RPM



| TYPICAL ACCESSORIES | | AVAILABLE PACKAGE OPTIONS | |
|-----------------------------------|---------------------------------|------------------------------|---|
| • Electric Motor & V-belt Drive | • Pressure Transmitters & RTD's | • PLC Control System | • Pulsation Tanks |
| • Water-Cooled Inter/Aftercoolers | • Pressure Gauges | • Touch Screen (HMI) | • Flow Control (0 - 100%) |
| • Interconnecting Piping/Tubing | • Relief Valves | • Motor Starter | • Moisture Separators |
| • Bedplate | • Beltguard | • Closed Loop Cooling System | • Suitable for Hazardous Locations ² |

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).

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



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