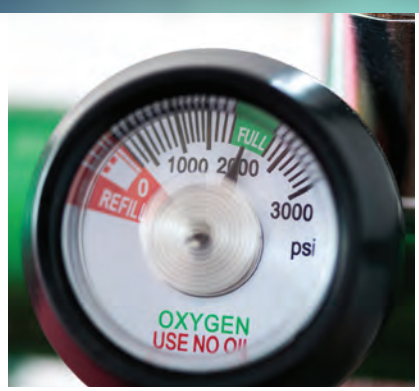
2PX COMPRESSOR

Continuous Duty, High Pressure, Medical Oxygen Compression

Ensure Life Saving Oxygen Supply Is Always Within Reach









The RIX 2PX oxygen compressor combines intelligent digital control, advanced diagnostics, and simplified architecture to improve uptime, enhance reliability, and support efficient maintenance in critical oxygen systems.

KEY ADVANTAGES:

- Safe, reliable delivery of clean, dry oxygen and other gases up to 2200 psig (152 barg).
- Air Cooled heat exchangers, crankcase, and compression cylinders for ease of service and installation.
- Two stage, single acting piston design in a compact package.
- Suitable for high pressure medical grade oxygen.
- Oil-less design requiring no gas filtration system.



RIX® FOCUSED ON THE FUTURE

CREATE COMPRESS COOL

2PX COMPRESSOR

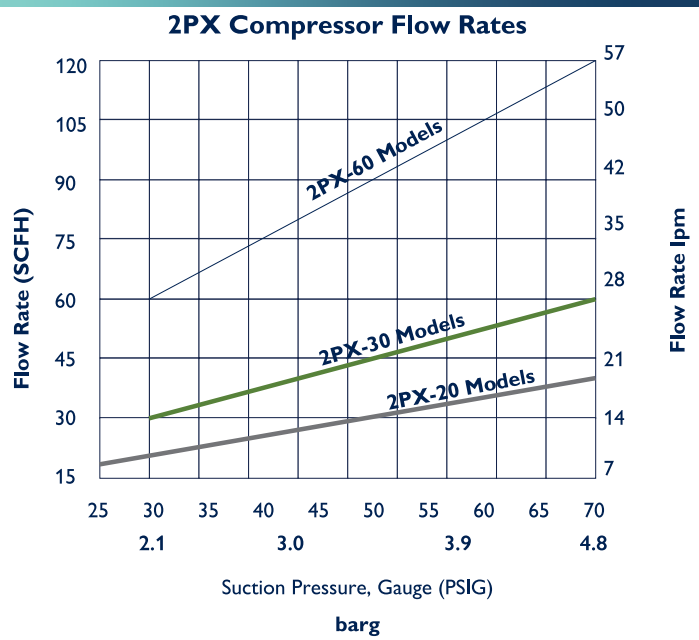
Enhanced Control. Optimized Uptime.

TECHNICAL ADVANTAGES:

- Temperature and pressure sensing provide continuous system monitoring and protection
- Digital alarming and onboard diagnostics identify fault conditions and operating limits
- Reduced plumbing improves reliability and simplifies maintenance
- RS-232, RS-485, and general-purpose I/O enable easy integration
- Firmware architecture supports future expansion, including remote monitoring and control enhancements
- Sensor-based pressure indication eliminates mechanical gauge failure modes
- Subsystem hour tracking supports condition-based maintenance strategies
- Long-term datalogging captures operating history for diagnostics and warranty support

TECHNICAL SPECIFICATIONS

Maxiumum Working Pressure	2200 PSIG (152 barg)
Operation	Continuous
Cooling	Air Cooled
Lubrication	Oil-Less
Stages	2 Stage
Max Power	1.5 HP (1.1kW)
Gas Type	Oxygen, Nitrogen & Air
Dimensions	16" L x 21" W x 29" H (41m x 54cm x 74cm)
Weight	160 lbs (72.5 kg)
Inlet Gas Temperature	0°F - 100°F (-18°C - 38°C)
Ambient Temperature	32 - 104°F (0 - 40°C)
Dew Point	-50°F (- 46°C)
Installation	Indoors



*Flow range shown above is directly proportional to inlet pressure shown, actual flow will vary based on inlet temperature and elevation.

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