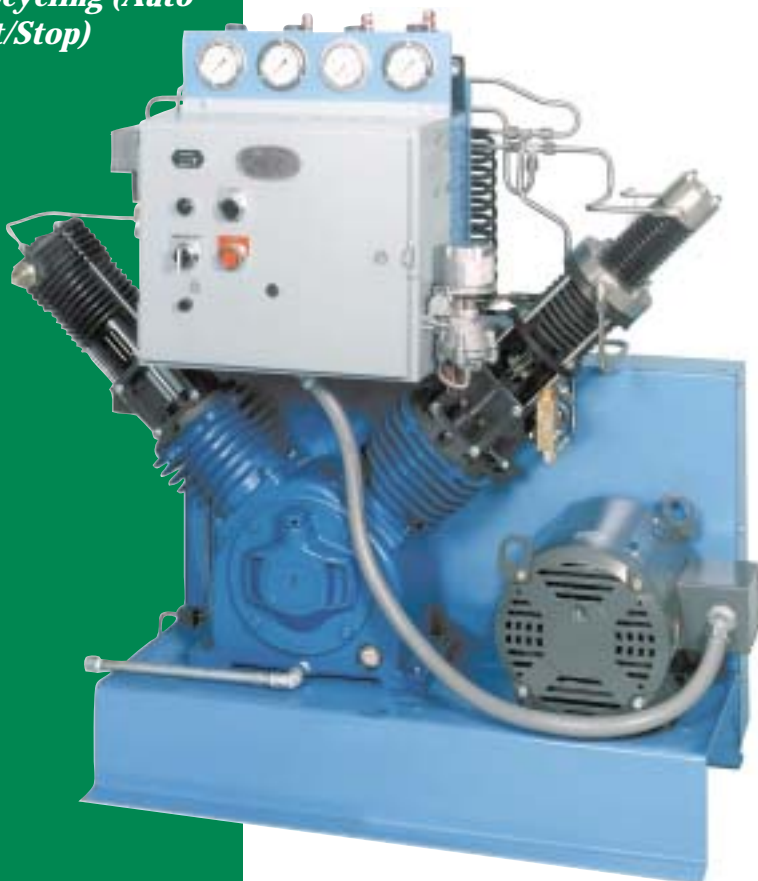


O₂

RIX INDUSTRIES' 2V3B FEATURES:

- **Oil-Free Design**
- **Proven Safety Features**
- **Compact, Lightweight**
- **Low RPM for Long Service Life**
- **Continuous, Around-The-Clock Operation**
- **Inlet Pressure Autocycling (Auto Start/Stop)**



RIX 2V3B

HIGH PRESSURE OXYGEN COMPRESSOR

for cylinder filling

Discharge Pressure to 2500 psig (172 bar)

Flow Rate; 3.8 to 10 scfm

(225 to 600 scfh; 6 to 16 Nm³/hr)

RIX Oxygen Compressors have been developed specifically for the exacting requirements of safe, reliable oxygen compression service. The 2V3B Series incorporates design features developed over several decades for a variety of industrial and military oxygen compressor applications. These compressors are well suited for the compression of oxygen to 2500 psig, and other clean, dry gases to 3000 psig. The 2V3B high pressure oxygen compressor will fill up to sixty (60) 240 cu. ft. 2500 psi oxygen cylinders in a 24 hour period.

2V3B three-stage compressors employ three oil-free single acting cylinders on a "V" type crosshead design crankcase. Heat exchangers, crankcase and compression cylinders are air cooled. The free-floating third stage piston allows the piston and rings to be changed with ease. Replacement of the floating piston assembly typically requires only about 30 minutes. The ring life of the third stage at 2500 psig has proven to be more than 3000 hours. Service life of the first and second stages is considerably longer.

The RIX 2V3B high pressure oxygen compressor will fill up to sixty (60) 240 cu. ft. 2500 psi oxygen cylinders in a 24 hour period.

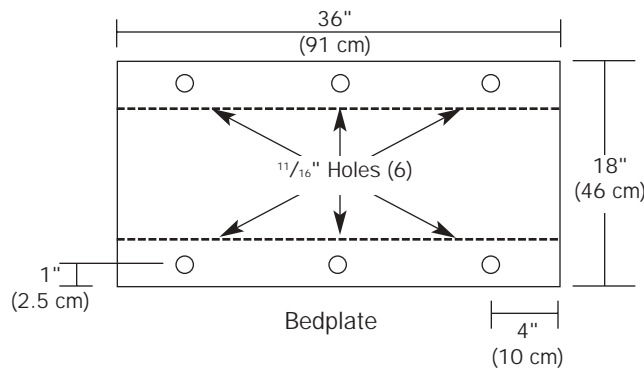
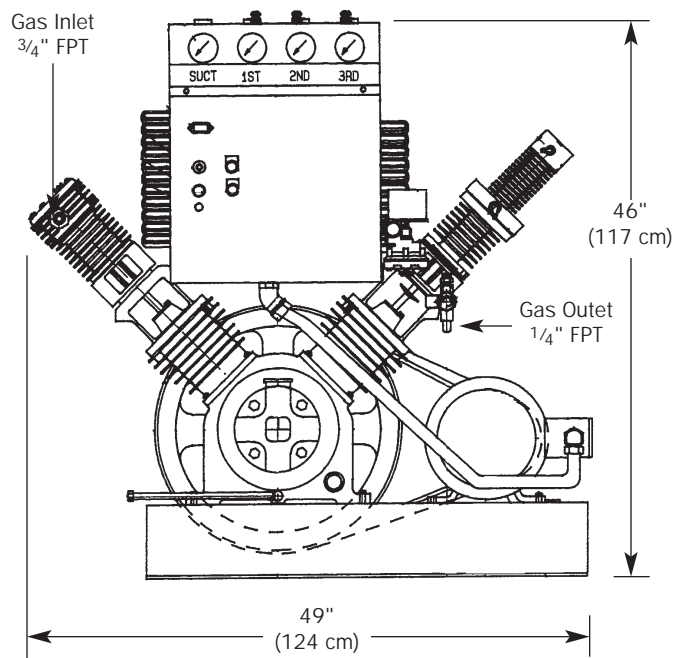


RIX INDUSTRIES

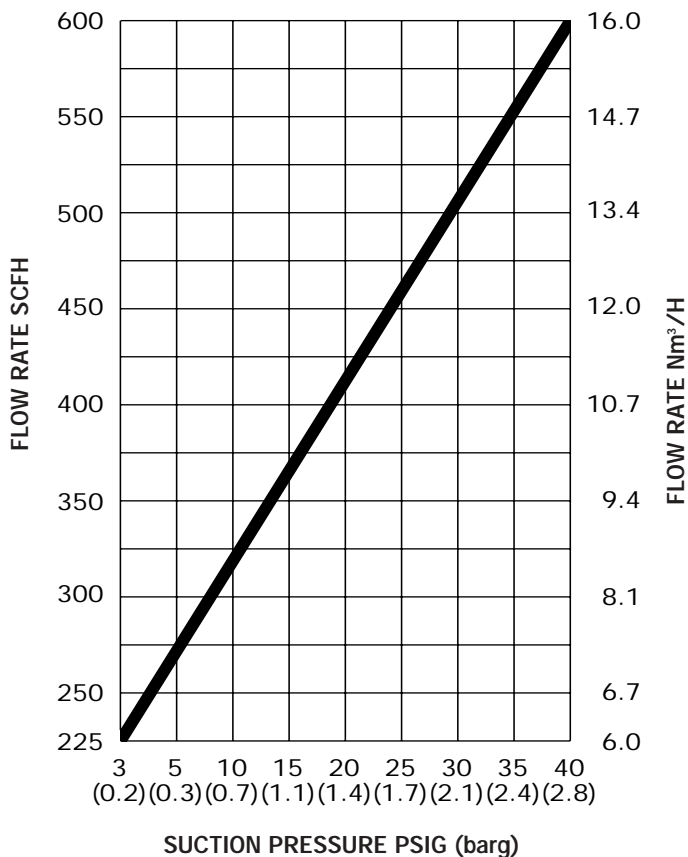
6460 Hollis Street
Oakland, CA 94608 USA
Phone (510) 658-5275
Fax (510) 428-9102

RIX 2V3B Oxygen Compressor

Size, Compressor Pkg.	46"H x 49"L x 22"W (117Cm x 124Cm x 56Cm)
Weight, Compressor Pkg.	550 lbs. (250 Kg)
Power, motor size	10 HP (7.5 Kw) 190 to 460 volts as required 50 or 60 Hz as required three phase
Compressor RPM	530 RPM
Suction Pressure	3 - 40 PSIG .2 - 2.8 BarG .2 - 2.8 Kg/cm ² G
Max. Discharge pressure, O₂	2500 PSIG 172 BarG 176 Kg/cm ² G
Flow Rate	225 - 600 SCFH 6 - 16 Nm ³ /H 100 - 268 Nltr/M
Cooling	air cooled
Shipping weight	700 lbs. (318 Kg)
Shipping volume	55"H x 51"L x 27"W (140Cm x 130Cm x 69Cm)
Gas inlet	3/4" FPT
Gas outlet	1/4" FPT



2V3B Oxygen Compressor Flow Rate Chart



STANDARD COMPONENTS

Compressor Package:

- Compressor
- Bedplate
- V-Belt
- Belt Guard
- Motor (10 HP; 50/60 Cycle; 3-Phase)
- Starter
- Start/Stop Buttons
- Hour Meter
- High Temperature Shutdown
- High Pressure Shutdown
- Inlet Pressure Autocycling (Auto Start/Stop)
- Oxygen Clean

RIX INDUSTRIES

6460 Hollis Street
Oakland, CA 94608 USA
Phone (510) 658-5275
Fax (510) 428-9102

