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**RIX INDUSTRIES'
MICROBOOST
FEATURES:**

- **Oil-Free Design**
- **Proven Safety Features**
- **Compact, Lightweight**
- **Low RPM for Long Service Life**
- **Portable**



RIX MICROBOOST

HIGH PRESSURE
OXYGEN* COMPRESSOR
for cylinder filling

Discharge Pressure to 2200 PSIG (152 BarG)

Flow Rate; 3 to 16 SCFH

(3 to 16 SCFH; .08 to .41 Nm³/H)

***or Helium, Nitrogen and other dry gases**

RIX Oxygen Compressors have been developed specifically for the exacting requirements of safe, reliable oxygen compression service. The Microboost 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, helium nitrogen, and other clean, dry

gases to 2200 psig. The RIX Microboost high-pressure oxygen compressor will fill up to 25 "D" cylinders (15 cu ft / 425 Liters) in a 24-hour period.

The Microboost is a three-stage reciprocating compressor employing a stepped, oil-free piston. The crankshaft is driven via a speed reducing gearbox on a vertical design crankcase. Heat exchangers, crankcase and compression cylinders are air-cooled.

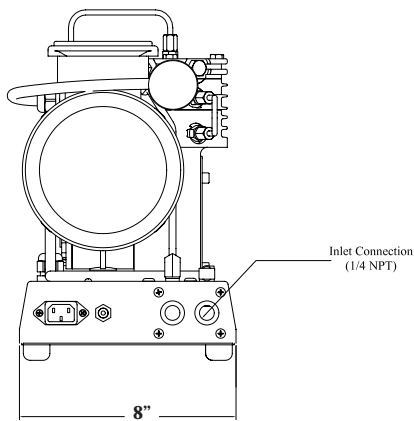
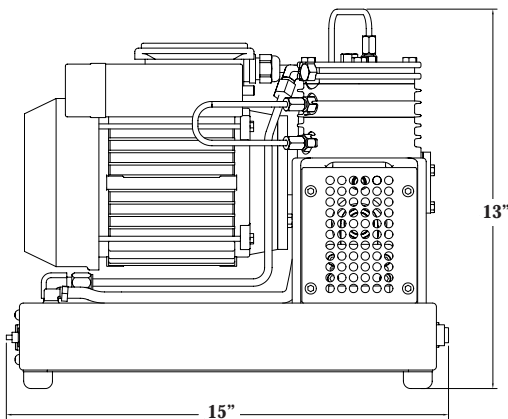
Contact RIX sales for information
(info@rixindustries.com)

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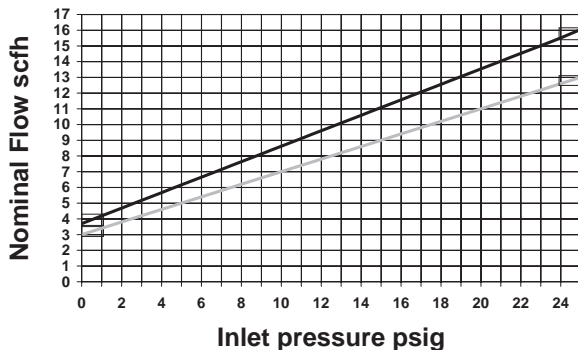
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ISO 9001 CERTIFIED

RIX Microboost Oxygen Compressor



Flow Rate Chart

— 60 Hertz — 50 Hertz



Size, Compressor Pkg.	8"W x 15"L x 13"H (200mm x 380mm x 330mm)
Weight, Compressor Pkg.	45 lbs. (20 Kg)
Power, Motor size	1/2 HP (.37 Kw)
Compressor Speed	160/185 RPM (50/60 hz)
Suction Pressure	0-25 PSIG (0-1.7 Barg)
Max. Discharge pressure	2200 PSIG (150 Barg)
Flow Rate (Nominal)	3-16 SCFH (1.4-7.5 LPM)
Cooling	Air Cooled
Shipping Weight	57 lbs. (25 Kg)
Shipping Volume	12"W x 18"L x 16"H (300mm x 460mm x 330mm)
Gas inlet	1/4" NPTF
Gas Outlet	1/4" NPTF

STANDARD COMPONENTS

- 3 Stage Compressor
- Electric Motor / Gear Drive
- On/Off Switch
- Start Switch
- Externally accessible over current protection
- Discharge Pressure Switch
- Standard IEC Power Input
- Relief Valves for each stage
- Cleaned For Oxygen Service
- Meets CE Requirements

Models:

Microboost-115¹/₂ hp115V/60hz1ph
 Microboost-230-50¹/₂ hp230V/50hz1ph



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