



OGSI introduces the OG-20

Oxygen Generating System

Evolved from the extremely popular OG-15 model, the OG-20 extracts oxygen from the atmosphere, concentrates it up to 93% ($\pm 3\%$) purity, and delivers the oxygen to any application. The OG-20 offers up to 40% more oxygen flow rate and delivery pressure.

Dependable

The OG-20 is completely self-contained, and its overall design is built for 24 hour operation. It produces up to 20 SCFH/9 LPM at 1-15 psi, with oxygen purities up to 93% ($\pm 3\%$). The total **industrial strength** and quality of the OG-20 will provide the end-user with years of dependable, reliable, and maintenance-free operation.

Durable

The OG-20 is built on a powder coated steel frame. Its internal air compressor, aluminum sieve beds with state of the art molecular sieve material, filtration and flow control systems, are designed for years of continuous and reliable service. Each OG-20 goes through rigorous quality control testing procedures. Weighing only 80 lb (36 kg), the OG-20 is available in 115 VAC/60 Hz, 230 VAC/50 Hz and 230 VAC/60 Hz models for use Worldwide!

Safe

The OG-20 is being used more and more as an alternative to using high pressure, dangerous, and costly cylinder/liquid oxygen. Bottom-line...saving the end-user significant dollars on their oxygen costs. The OG-20's built-in adjustable regulator allows you to set the oxygen delivery pressure according to your requirements. The 0.3 hp oilless piston air compressor maintains an internal pressure of less than 32 psi, and delivers an optimal flow of oxygen at up to 12 psi.

Economical

Oxygen is free! Eliminate the unnecessary costs of transportation, storage, and oxygen cylinder/liquid rental. The OG-20 uses less than 0.7 kW of electricity to deliver up to 20 ft³ oxygen per hour.

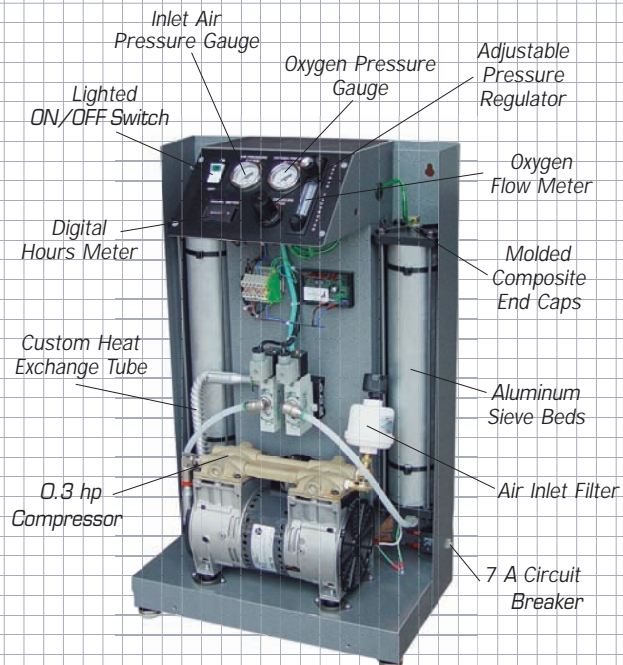
Simple to Use and Maintain

With a lighted ON/OFF switch, integrated control panel, digital hours meter, custom flow gauges and controls, the OG-20 is truly user friendly. Just plug it in, place the ON/OFF switch to the 'ON' position, and set your oxygen delivery flow and pressure. The molecular sieve/zeolite sieve (which separates oxygen from nitrogen) is regenerative, and should not need to be replaced for the life of the unit (under normal conditions).

**OG-20 WITH
POWDER COATED STEEL COVER**



OG-20 WITH COVER REMOVED

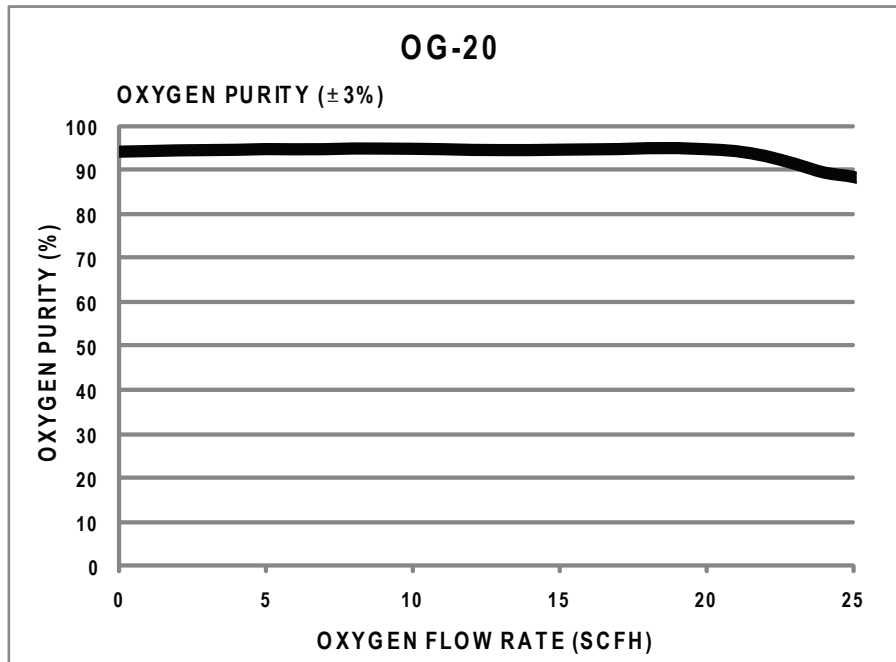


Model OG-20 Specifications

| | |
|---------------------------|---|
| Oxygen Output | 20 SCFH (9 LPM) @ 1-15 psi 0.5 Nm ³ /h @ 1 bar |
| Dewpoint | -60 °F (-51°C) |
| Oxygen Purity | 93% (±3%) (depending on flow rate) |
| Sound Levels | 68 dBA @ 1 m, open field conditions (with enclosure) 55 dBA @ 1 m, open field conditions (with quiet muffler option) |
| Dimensions (W x D x H) | 17 x 10 x 28 in 43 x 26 x 71 cm |
| Weight | 80 lb (36 kg) |
| Power Requirements | 115 VAC Model: 115 VAC, 60 Hz, Single Phase, 6 A 230 VAC Model: 230-240 VAC, 50/60 Hz, Single Phase, 3 A |

NOTE: All specifications listed above are for the following conditions: 70 °F, 30% Relative Humidity, Sea Level Elevation. The OG-20 must be operated in an upright position with no obstruction blocking the airflow around the unit. Response time after initial start-up or extended shutdown, approximately 2 minutes to attain maximum purity levels.

Model OG-20 Performance Curve



NOTE: SCF (standard cubic foot) gas measured at 1 atmosphere and 70 °F and 0% humidity. Nm³ (normal cubic meters) gas measured at 1 atmosphere, 0 °C and 0% relative humidity.

OG-20 Modifications/Options

| Part# | Description |
|-------------|--|
| 7030004.002 | 230 VAC 50/60 Hz Model (Compressor Assembly) |
| 2160001.C02 | Reduce Noise Option |
| 2160001.C01 | Extra Air Inlet Filter |
| 1460001.003 | Set of Anti-vibration Feet (4) |
| 2530005.001 | Set of Casters (4) |
| A31B | Pressure Switch and Relief Valve (3 psi deviation) |
| 216001.C04 | Bacteria Filter (Installed) |

Note: Compressorless and OEM versions also available for high-pressure applications.



814 Wurlitzer Drive • North Tonawanda, New York 14120 USA
1-800-414-OGSI(6474) • Phone 716/564-5165 • Fax 716/564-5173
A Division of Audubon Machinery Corporation www.ogsi.com