



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 95% 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 22 SCFH/10 Liters Per Minute at 1-15 PSIG, with oxygen purities up to 95%. 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/chassis. 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 74 lbs. (33.6 kg), the OG-20 is available in 120 VAC/60 HZ, 220 VAC/50 HZ and 220 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 1/3 Horsepower oilless piston air compressor maintains an internal pressure of less than 32 PSIG, and delivers an optimal flow of oxygen at up to 15 PSIG.

Economical

Oxygen is free! Eliminate the unnecessary costs of transportation, storage, and oxygen cylinder/liquid rental. The OG-20 uses less than 1/2 kilowatt of electricity to deliver up to 22 cubic feet of oxygen per hour.

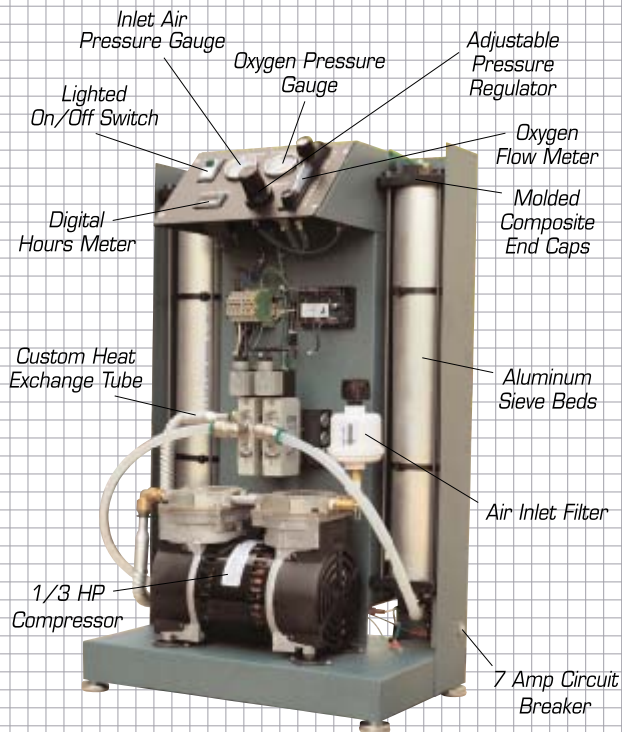
Simple to Use and Maintain

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 (which separates the oxygen from nitrogen) is regenerative, and should not need to be replaced for the life of the unit (under normal operating conditions).

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



OG-20 WITH COVER REMOVED



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6474



PRODUCT DATA SHEET
Oxygen Generating Systems Intl.

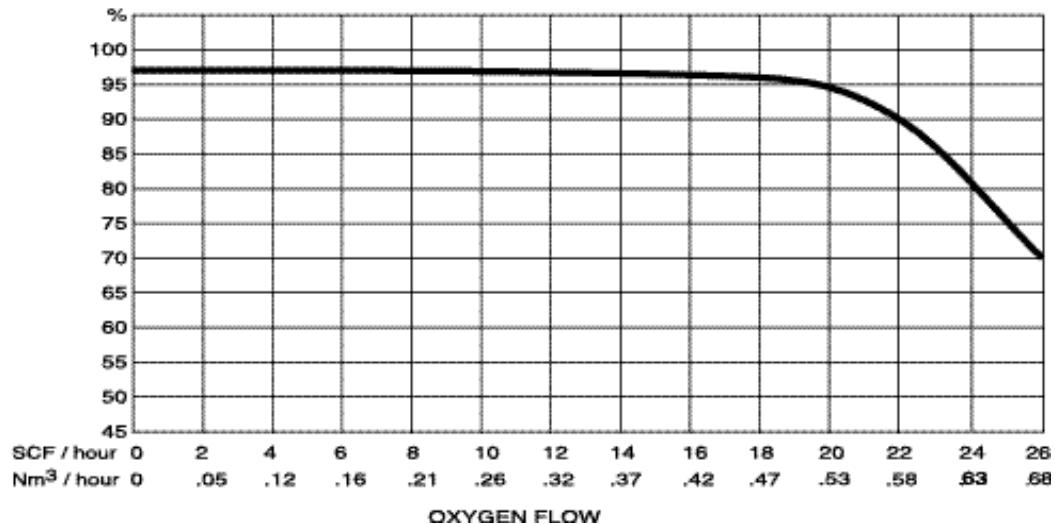
Model OG -20 Specifications

Oxygen Output	22 SCFH (10 LPM) @ 1-15 PSIG 0.62 Nm ³ / hr @ 103 kPa (1 BAR)
Dewpoint	-60°F (-51° C)
Oxygen Purity	93% +/- 3% (depending on flow rate)
Sound Levels	62 dba @ 1 meter, open field conditions (without enclosure) 55 dba @ 1 meter, open field conditions (with reduce noise option)
Dimensions (W x D x H)	17 x 10 x 27.5 inch 43 x 25 x 70 cm
Weight	74 lb. (33.6 kg)
Power Requirements	120 VAC Model: 120 VAC, 60 HZ, Single Phase, 6.0 ampere 220 VAC Model: 220-240 VAC, 50/60 HZ, Single Phase, 3 ampere

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

OXYGEN PURITY (+/-3%)



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	220-240 VAC/50 HZ Model (Compressor Assembly)
2160001.C02	Reduce Noise Option
2160001.C01	Extra Air Inlet Filter
1460001.003	Set of Rubber Feet (4)
2530005.001	Set of Casters (4)
A31B	Pressure Switch and Relief Valve (3 PSI deviation)
2160001.C04	Bacteria Filter (Installed)

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



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