



REMOTE CLINICS & HOSPITALS • FIRE DEPARTMENTS
 AMBULANCE & EMS SERVICES • SHIPBOARD NEEDS
 METAL FABRICATION SHOPS • MOBILE MILITARY HOSPITALS
 BRAZING OPERATIONS • REMOTE INDUSTRIAL SITES • GLASS BLOWERS

CFP-15 *Durability By Design*

PRODUCT DATA SHEET
 Oxygen Generating Systems Intl.

Convenience and Independence

The CFP-15 is the world's smallest 'turn-key' Oxygen Cylinder Filling System. By simply connecting empty Oxygen Cylinders (or your existing transfill station) to its discharge line and turning it on, it will automatically re-fill them to 2200 psig. It turns itself off once that level of pressure is reached. It will top off most cylinders in a few hours, providing independence from traditional oxygen supply sources. It is designed for wall mounting and requires only a standard electrical outlet. A compressor free model is available to combine with existing breathing air systems.

Cost Savings

This system combines the convenience and cost savings of an onsite oxygen plant with the storage and high pressure attributes of a cylinder. The cost to refill an Oxygen Cylinder is substantially reduced over conventional methods. When compared to the cost of an oxygen cylinder in a remote location, it is easy to see how quickly this system will pay for itself.

Quality

The Oxygen produced by this quiet system will be of Medical Grade, conforming to the United States Pharmacopoeia Standard for 'Oxygen 93 Percent'. There is an oxygen purity monitor which operates continuously. As such it will also be useful in many industrial applications where oxygen is needed in cylinders.

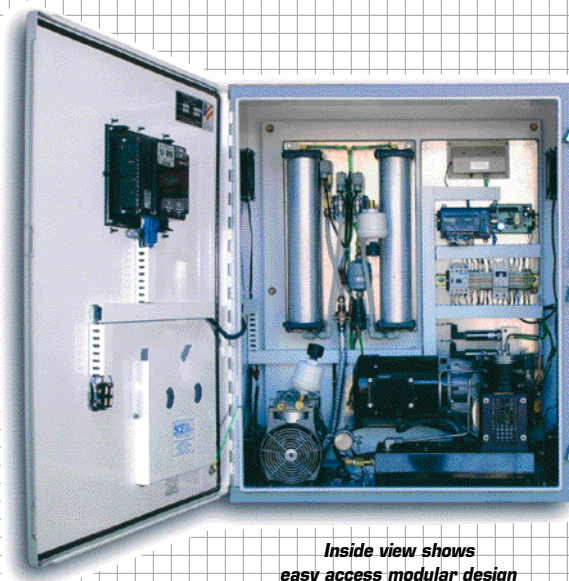
Reliability

A password secured touch-screen monitor provides easy access to all system controls and readouts. The system is designed to run automatically and requires little attention once it is started. It has an automatic shutdown feature if oxygen purity drops, with display and audible alarms. The CFP-15 incorporates pressure swing adsorption (PSA) technology for oxygen generation. PSA oxygen generators have been used in many critical applications for years. The design is modular, enabling quick and easy service. Should it be necessary, any of the major subsystems can be changed within minutes.

Visit <http://www.ogsi.com> for further specifications, drawings, manuals and photos of our full line of oxygen generators and oxygen systems.



Typical Model - CFP-15 installation
 *shown with optional cylinders



Inside view shows
 easy access modular design

BENEFITS

NO MORE HEAVY LIFTING!

Fill cylinders on board an ambulance with a quick disconnect.

NEW OPTION!

Fill composite cylinders up to 3000 psi.

GRANT FUNDING

The CFP-15 qualifies for grant funding through the Office of Domestic Preparedness (ODP) State Homeland Security and (FEMA) Federal Emergency Management Agency.

Model CFP-15 Specifications

Product Gas:	
Oxygen Quality	Medical Grade - Conforming to USP for 'Oxygen 93 Percent' FDA Cleared
Oxygen Concentration	93%±3%
Carbon Dioxide Limit	300 ppm
Carbon Monoxide Limit	10 ppm
Oxygen Dewpoint	-60°F (-51°C)
Oxygen Flow Rate	0-15 Standard Cubic Feet * per Hour (SCFH) (0-7.5 LPM) 0-30 SCFH (0-15 LPM) Optionally available with external feed air
Oxygen Pressure	up to 2200 psig (152 Bar)

** A Standard Cubic Foot is a cubic foot of gas at 14.7 psia (sea level atmospheric pressure) and 60°F*

System Operation:	
Feed Air Flow Rate	Standard Unit Includes Feed Air System 4 SCF/Minute @ 40 psig
Feed Air Quality	ISO 8573.1 Class 4 Minimum or Grade D (See Below)
Sound Level	60 dBa @ 1 Meter
Power Supplies	115 VAC, 10 Amps, 60 Hz - Standard 230 VAC, 5 Amps, 50 Hz - Optional 230 VAC, 5 Amps, 60 Hz - Optional

Measurements and Connections:	
Box Dimensions	30" x 16" x 36" (W x D x H) 76 cm x 41 cm x 91 cm
Mounting Hole Pattern	24" x 38" (W x H) 61 cm x 96.5 cm
Recommended Mounting Bolt Diameter	3/8"
Weight	245 Pounds (111.1 Kg)
Outlet Connection	1/4" (F)NPT Bulkhead
Cylinder Connection	CGA 540 Standard / CGA 870 Optional

ISO 8573.1 Air Quality Specification:	
Maximum Particle Size	15 Microns
Dewpoint	37°F (940 ppmv)
Oil Content	5 ppmv



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