



# SWITCH TO ON-SITE OXYGEN PRODUCTION

## NOVAIR's Mobile Oxygen Generating System 50 and 100 (MOGScFP-50 and MOGScFP-100)

Use only air + electricity to generate your own oxygen on-demand in-house, skipping delivery while saving \$\$



MOGScFP-50 and MOGScFP-100

MOGScFP-50 Oxygen flow of 50 SCFH (23.6 LPM), MOGScFP-100 flow of 100 SCFH (47.2 LPM) at up to 2200 PSI (152 bar)

- Durable, made-in-USA, compact systems
- Fill up to 10 H/K or 160 D-sized cylinders per day
- Easy to operate touchscreen panel
- Blast containment cabinet for safe filling
- Reliable plug-and-play oxygen generation
- End logistical problems & safety issues
- Eliminate cost of delivered oxygen cylinders
- Optional 10-valve HP oxygen manifold



SAVINGS



ECO-FRIENDLY



AUTONOMY



RELIABILITY



SAFETY



93% +/-3% OXYGEN



PROPRIETARY SYSTEM

# Mobile Oxygen Generating System MOGS<sub>CFP</sub>-50/100

Medical grade oxygen, in-house, on-demand

**NOVAIR USA**, a member of NOVAIR Group, is the global leading manufacturer of onsite, reliable, economical **oxygen generators and equipment for healthcare and industrial applications.**

With its proprietary design, the **MOGS<sub>CFP</sub>-50 and -100** produce a reliable flow of **93% +/-3% oxygen** to fill cylinders using only ambient air and electricity, reducing costs to better serve your community.

## Convenient Onsite Oxygen Cylinder Filling Plant

The **NOVAIR Mobile Oxygen Generating System (MOGS<sub>CFP</sub>-50 and -100)** are designed to rapidly fill cylinders onsite so that you can eliminate costly and unsafe delivery. The **MOGS<sub>CFP</sub>** includes a constant gas quality monitoring system with automatic safe shutdown.



## Safe, Reliable, Rapid Cylinder Filling

Model	Cylinders/day			
	D	E	M	H/K
MOGS-50	80	50	9	5
MOGS-100	160	100	18	10

## Cost Reduction

Will reduce oxygen supply costs by 80% or more in most cases! Less than 7 kWh of energy is required to power our most powerful models. No more delivery or handling charges are needed.

## Disaster Preparedness

By making oxygen and filling cylinders at your site the uncertainty and logistics of delivered oxygen supplies are eliminated. With this system in place, care providers are also assured that in the event of a disaster their oxygen supply chain will not be in jeopardy. The system itself can also be transported for use at a disaster site. It can be moved by truck, and fits easily through a standard 36" wide doorway.

## Typical Customers

Typical customers for this system include fire stations, ambulance services, shelters, and other EMS providers. It can also be used by hospitals, clinics, nursing homes and veterinary centers.

## Features – MOGS<sub>CFP</sub>-50/100

- Emergency stop button
- PLC controller with NEMA 4 electrical enclosures and UL® listed electrical panel option
- Touchscreen operator interface panel
- Two H-size O<sub>2</sub> cylinders installed in integral rack
- Sound attenuating enclosure with slam-action latches and lift-off hinges
- Two-position containment fill station accommodates O<sub>2</sub> cylinders up to 31" in length
- Multi-valve HP O<sub>2</sub> manifold cylinder filling option

## High-quality Oxygen Production

- Produces 93% +/-3% high-quality oxygen
  - NOVAIR USA is ISO 13485 registered and its equipment meets all regular manufacturing standards including ASME, ANSI, MEMA, and CE.
- The MOGS<sub>CFP</sub> can also be configured to meet CRN, CSA and other standards upon request.

Model	Oxygen Flow Rate	Oxygen Pressure	Power Supply	Unit Size	Weight
MOGS <sub>CFP</sub> -50	50 SCFH (23.6 LPM)	Cylinder Filling up to 2200 psi (152 bar)	1 Phase, 230 VAC, 30 A, 50/60 Hz	32in D x 70in H x 84in L (82cm D x 178cm H x 214cm L)	2550 lbs (1157 kg)
MOGS <sub>CFP</sub> -100	100 SCFH (47.2 LPM)				

Disclaimer: MOGS<sub>CFP</sub> is not FDA cleared for direct connection to a facility oxygen delivery system. MOGS<sub>CFP</sub> is designed for cylinder filling purposes only and patient safety related to the oxygen produced is the full responsibility of the entity producing and using the oxygen for medical purposes. Operators of a MOGS<sub>CFP</sub> are wholly accountable for registration as a pharmaceutical manufacturer and performing necessary quality and safety testing related to those guidelines. Novair may assist customers in set-up and operation of our equipment, but such assistance does not constitute a guarantee of safety and performance related to medical use of the oxygen generated. For guidance, please visit <https://www.fda.gov/media/70973/download>

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