NOVAIR

PRODUCT DATA SHEET

OG-175 Oxygen Generator

175 SCFH (82.59 LPM) @ up to 55 PSI (3.8 bar) - Stand alone or part of complete Oxygen Generator System (OGS)

"The industry standard, state-of-the-art, PSA twin tower generator"

AMERICAN-MADE, DEPENDABLE, INDUSTRIAL STRENGTH O2 GENERATOR

NOVAIR's industry standard oxygen generators utilize the longstanding, highly safe PSA (Pressure Swing Adsorption) process that separates gases in the air, safely ejecting nitrogen while leaving high purity oxygen for a variety of medical and industrial applications. Quickly start producing your own oxygen in-house for just the price of electricity. End O2 delivery forever while ensuring you always have 93% +/-3% oxygen concentration at up to 55 PSI pressure, wherever and whenever you need it.

Durable "twin tower" tanks filled with zeolite sieve to separate air

Clear constant oxygen concentration monitoring readout dials with auto 'continuous' switch. Optional HMI digital touch-screen interface also available.

Customized output options with ability to create a comprehensive "Oxygen Generating System (OGS)" to meet your specific needs

OG-175

ADVANTAGES:

- **Savings** - Get a large return on investment in mere months
- **Autonomy** - End delivery, free yourself from constant O2 rate hikes
- **Reliability** - Works tirelessly in many settings, low maintenance
- **Safety** - No dangerous cylinder transport or worker's comp scares
- **Eco-friendly** - Green technology that lowers your carbon footprint

KEY FEATURES:

- Produce up to 175 standard ft^3 per hour of O2 right in-house, for less
- Output of 93% +/-3% oxygen concentration, continuous flow setting
- Expertly-sealed durable 'twin tower' zeolite sieve beds
- Reliable leading-edge PSA tech, quality-tested and built to last
- Extremely low power consumption, plugs into any 115 VAC power outlet, with 230 VAC input power available at no additional cost
- Worry-free safety features built-in, easy to monitor and maintain
- Can be configured into tailored 'oxygen generating system' (OGS)

SAVINGS AUTONOMY RELIABILITY SAFETY ECO-FRIENDLY

Compact skid mount prevents accidents

Compatible with any normal outlet to plug in and start making O2 for much less than delivery

WWW.NOVAIR-USA.COM INFO@NOVAIR-USA.COM 716-564-5165

MADE IN USA

NOVAIR

OG-175 OXYGEN GENERATOR

PRODUCT DATA SHEET

OG-175 TECHNICAL DATA

Maximum oxygen flow	175 SCFH (82.6 LPM) (4.7 Nm3/hr)
Output oxygen pressure	45 PSI (3.1 bar) standard, 55 PSI (3.8 bar) available
Sound level	70 dB(A) at 3 ft (1 m)
Power supply	115 VAC, 60 Hz, 1 Phase, 1A (230 VAC, 50 Hz available)
Operating temp	Min: 40 °F (4.4 °C), Max: 90 °F (32.2 °C)
Oxygen outlet fitting	CGA-022 (Oxygen B-size) or 1/4" FNPT
Oxygen dew-point	-60 °F (-51 °C)
Approximate weight	775 lbs. (352 kg)
Tank size	80 Gallons (303 Liters)
Oxygen concentration	93% +/- 3%
Carbon dioxide limit	≤ 300 ppm
Carbon monoxide limit	≤ 10 ppm
Dimensions	26" W x 25" D x 72" H (66cm W x 64cm D x 183cm H)

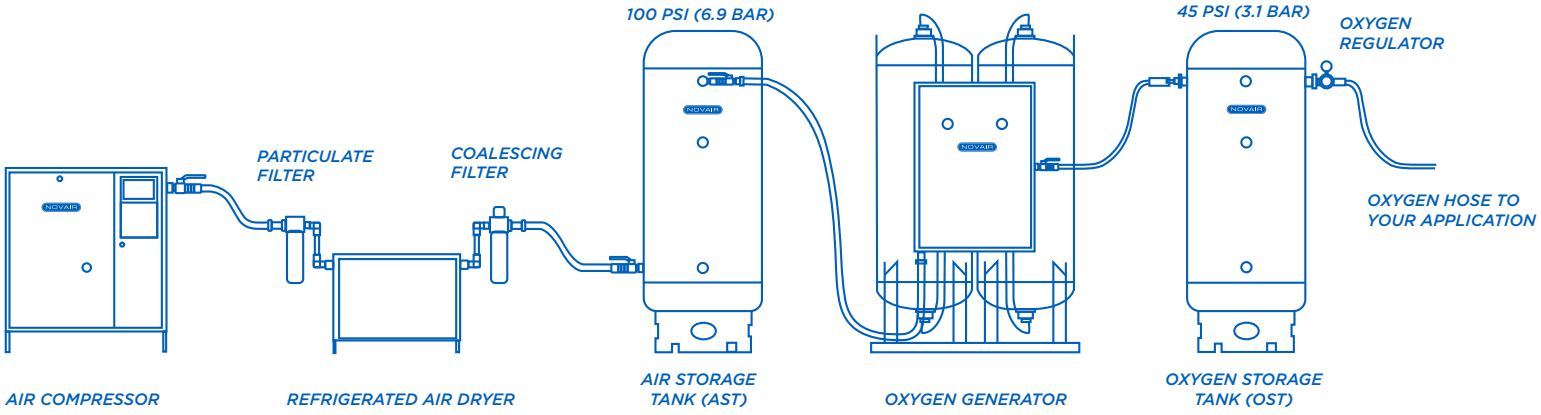
SPECIFICATION NOTES

- Pressure vessels are designed to meet ASME code (section VIII, Div. 1)
- Generators come standard with a 10 ft. flexible inlet air hose and a 10 ft. flexible oxygen outlet hose
- Additional options available -- please speak with a representative to learn more

TYPICAL APPLICATIONS

- Hospital Systems
- Glass Work
- Waste Gas Remediation
- Metal Forming, Cutting, Brazing
- Ozone Feed Gas
- Fish Farming
- Wastewater Treatment
- Biogas, Semicon, and more

OXYGEN GENERATING SYSTEM 175 (OGS-175) TYPICAL INSTALLATION



*Disclaimer: NOVAIR's Oxygen Generator (OG) series is not FDA cleared for direct connection to a human healthcare facility oxygen delivery system or for human patient direct use in the USA. OG operators in human healthcare facilities are wholly accountable for registration as a pharmaceutical manufacturer and for all necessary related quality and safety testing. NOVAIR may assist in set-up and operation of our equipment, but such assistance does not constitute a guarantee of safety and performance related to human medical use of the oxygen generated. For guidance, please visit https://www.fda.gov/media/70973/download

OG-175-DT - Rev A ©1-3-2024 NOVAIR, non-contractual document, all rights reserved.

814 WURLITZER DR., NORTH TONAWANDA, NY 14120 USA