



# OXYGEN GENERATORS

The proven industry standard generator that comes in a variety of sizes and configurations.

Available with oxygen flow from 100 to 5,500 Standard Cubic Feet per Hour (SCFH) / 47 to 2,358 Liters Per Minute (LPM)

Whether you need a stand-alone generator or a unique configuration, we have the right machine with the right amount of oxygen.



## KEY FEATURES

- Medical-grade 93% +/- 3% oxygen concentration
- Dependable onsite oxygen generation available 24/7/365
- Reliable PSA technology designed for durability

## WHY NOVAIR'S GENERATORS

### Dependable

Every generator is assembled and tested in our North Tonawanda, NY production facility. With very few moving parts, our generators are built to provide long-lasting, reliable service. Routine maintenance is as simple as changing air filters, allowing you to simply plug-in and produce oxygen at any time.

### Durable

From their precision-welded tank assemblies to their oxygen-clean tubing and valves, our generators operate daily in some of the harshest areas of the globe, from near the North Pole to the South Pole, and from high altitudes (with special configurations) to barren deserts.

### Economical

Eliminate unnecessary transportation costs, unreliable delivery charges, and upsetting cylinder rental fees. Our standard product line has 14 models — from 100 to 5,500 SCFH — so that you'll never pay for capacity you don't need, saving money on delivery.

### Proven pressure swing adsorption (PSA) Technology

### Oxygen monitoring

Clear constant oxygen concentration monitoring readout dials with optional HMI digital touch-screen interface

### Zeolite sieve filtration inside

Zeolite sieve is carefully factory sealed in solid steel tanks, resisting need for replacement

### Compatible with any outlet

Produce O2 onsite with average electricity costs of mere pennies per KWh

### Durability

Durable, safe precision-welded tank assemblies

### Safety

Compact skid mounting prevents accidents



24.24.69 in

OG-100

\*Disclaimer: These products are not FDA cleared for direct connection to a human healthcare facility oxygen delivery system or for human patient direct use in the USA. Product operators for human healthcare applications 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>

# OXYGEN GENERATORS

The industry's standard for O<sub>2</sub> production

PRODUCT LINE **NOVAIR**

## TECHNOLOGY & CONCEPT

NOVAIR oxygen generators are based on the longstanding, highly safe, and time-tested PSA (Pressure Swing Adsorption) process that separates gases in ambient air thanks to an earthen zeolite molecular sieve material capable of adsorbing oxygen under pressure, ejecting nitrogen back into the air, leaving oxygen that can be utilized at high concentrations for a variety of medical and industrial applications.

### GENERATOR SPECIFICATIONS

| MODEL   | O <sub>2</sub> OUTPUT |                     |       | AVG INLET AIR REQUIRED<br>(cfm@90psi) | DIMENSIONS |        | RECOMMENDED TANK SIZE<br>(gallons) |
|---------|-----------------------|---------------------|-------|---------------------------------------|------------|--------|------------------------------------|
|         | scfh                  | Nm <sup>3</sup> /hr | L/min |                                       | w×d×h(in)  | Lbs    |                                    |
| OG-100  | 100                   | 3                   | 47    | 22                                    | 24.24.69   | 500    | 60                                 |
| OG-175  | 175                   | 5                   | 83    | 32                                    | 26.25.72   | 775    | 80                                 |
| OG-250  | 250                   | 7                   | 118   | 45                                    | 30.25.81   | 1,100  | 120                                |
| OG-375  | 375                   | 10                  | 177   | 68                                    | 36.30.84   | 1,350  | 120                                |
| OG-500  | 500                   | 13                  | 236   | 88                                    | 46.36.89   | 1,800  | 120                                |
| OG-650  | 650                   | 17                  | 307   | 118                                   | 51.44.84   | 3,600  | 200                                |
| OG-750  | 750                   | 20                  | 354   | 133                                   | 55.48.91   | 4,000  | 200                                |
| OG-1000 | 1000                  | 26                  | 472   | 175                                   | 55.48.121  | 4,250  | 400                                |
| OG-1250 | 1250                  | 33                  | 590   | 225                                   | 60.50.126  | 4,500  | 400                                |
| OG-1500 | 1500                  | 39                  | 708   | 320                                   | 75.57.102  | 9,500  | 660                                |
| OG-2000 | 2000                  | 53                  | 943   | 425                                   | 75.57.125  | 10,000 | 660                                |
| OG-3000 | 3000                  | 79                  | 1,415 | 625                                   | 88.66.150  | 12,750 | 1060                               |
| OG-4000 | 4000                  | 107                 | 1,888 | 950                                   | 121.97.162 | 15,000 | 1550                               |
| OG-5500 | 5500                  | 131                 | 2,358 | 1000                                  | 121.97.174 | 16,750 | 1550                               |

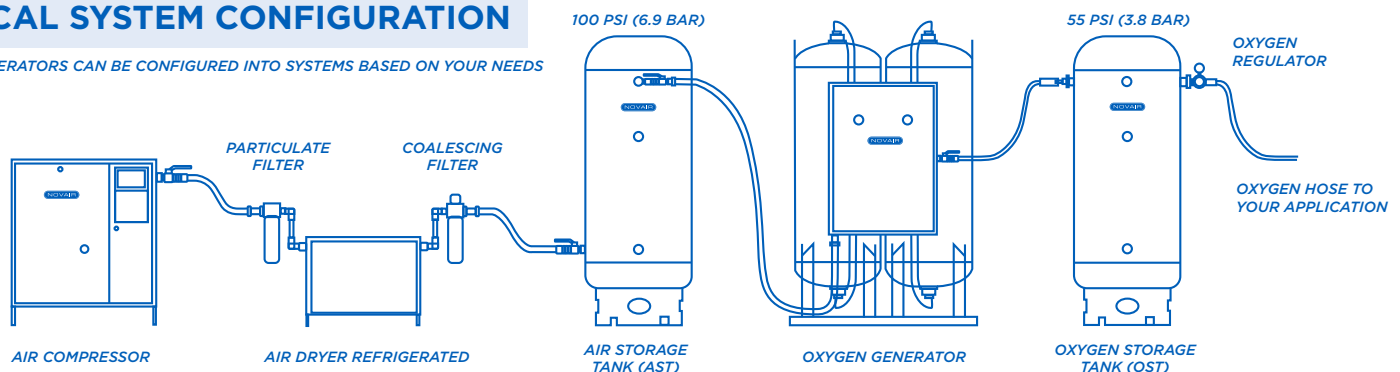
OG-100 PRODUCES OXYGEN UP TO 45 PSI [3.1 BAR], ALL OTHER MACHINES PRODUCE OXYGEN UP TO 55 PSI [3.8 BAR]

#### SPECIFICATION NOTES

- All pressure vessels are designed to meet ASME code [section VIII, Div. 1]
- Electrical components and connections meet CE standards
- 115 VAC @ 60Hz or 230 VAC @ 50 Hz input power available
- Generators include an oxygen storage tank, output pressure regulator and connecting oxygen hose

### TYPICAL SYSTEM CONFIGURATION

OXYGEN GENERATORS CAN BE CONFIGURED INTO SYSTEMS BASED ON YOUR NEEDS



OG-1500



NOVAIR's oxygen generator series is the tried and true industry leader in standard O<sub>2</sub> generating equipment. The OG extracts oxygen directly from the atmosphere and delivers it to any health or industrial application using Pressure Swing Adsorption (PSA) technology that can deliver a constant flow of up to 93% (+/-3%) oxygen purity at up to 55 PSI.

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NOVAIR