

Medical Oxygen Generators

Standard Series

The Premium Performance

Gardner Denver Oxygen generators produce high quality oxygen from compressed air by Pressure Swing Adsorption (PSA). Our generators represent a reliable and cost effective alternative to traditional Oxygen supplies.

Standard Features

- Colour touch screen control
- Built in purity analyzer for constant monitoring
- Data-logging via USB interface
- Modbus TCP. Ethernet connection
- Remote start/stop relay
- Stainless steel piping
- Designed for dynamic pressure loading
- Purity control - off spec purge
- Audio-visual alarm

Optional add-ons

- **Flow control valve** – flow & purity adjustment
- **Energy saving valve** – reduces compressed air usage during turn down
- **Sequential start/stop** – one button operation
- **SMS alarm**
- **Remote monitoring**
- **and others**





Model	Oxygen capacity						Dimensions L x W x H	Weight
	90%		93%		95%			
	kg/h	m ³ /h	kg/h	m ³ /h	kg/h	m ³ /h	cm	kg
O2	1.6	1.2	1.5	1.1	1.4	1.1	62 x 70 x 170	165
O4	3.4	2.6	3.2	2.4	2.9	2.2	65 x 75 x 195	200
O6	4.2	3.2	3.9	2.9	3.5	2.6	65 x 80 x 195	250
O9	5.8	4.4	5.4	4.1	4.9	3.7	78 x 82 x 195	350
O12	8.2	6.2	7.7	5.8	6.9	5.2	82 x 82 x 212	450
O15	11.2	8.4	10.5	7.9	9.5	7.1	87 x 83 x 213	550

Operating conditions

- Ambient temperature range 5°C to 50°C
- Oxygen outlet pressure 4 - 6 bargG
- Oxygen dew point -50°C (-70°C)
- Air inlet pressure 7.5 to 10 barg
- Inlet air quality ISO: 8573.1:2010 class 1.4.1
- Pressure dew point 3°C
- Filtration grade 0.01 micron
- Power supply 110-240V / 50-60Hz

Installation alternatives

- Generating system including air treatment
- Stand-alone installation
- Skid mounted variant
- Containerized version
- Oxygen generating system with cylinder filling station
- Partial filling station

Notes

- Performance data is based on 7 barG inlet pressure and 20°C to 30°C ambient temperature
- Flow stated in cubic meter (m³) is with reference conditions, Temperature: 20°C, Pressure: 1.013 barA
- Conversion factor for m³ with reference conditions, Temperature: 0°C, Pressure: 1.013 barA is 0.69 m³/kg
- Designs and specifications are subject to change without notice or obligation

Key Benefits

- Flexibility
- Cost effective
- Safety
- Easy operation
- Reliability

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For additional information please contact Gardner Denver or your local representative.

Specifications subject to change without notice.