

Oxygen Generators

Standard Series



The Premium Performance

Ingersoll Rand 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

Optional add-ons

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



Model	Oxygen capacity						Dimensions LxWxH (cm)	Weight (kg)
	90%		93%		95%			
	kg/h	m ³ /h	kg/h	m ³ /h	kg/h	m ³ /h		
O2	1.6	1.2	1.5	1.1	1.4	1.1	62x70x170	165
O4	3.4	2.6	3.2	2.4	2.9	2.2	65x75x195	200
O6	4.2	3.2	3.9	2.9	3.5	2.6	65x80x195	250
O9	5.8	4.4	5.4	4.1	4.9	3.7	78x82x195	350
O12	8.2	6.2	7.7	5.8	6.9	5.2	82x82x212	450
O15	11.2	8.4	10.5	7.9	9.5	7.1	87x83x213	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

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

Typical applications

- Fish farming
- Glass/Metal production and processing
- Gold leaching
- Ozone production
- Veterinary
- Water treatment
- Cutting/Welding

Key Benefits

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



Ingersoll Rand Inc. (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit www.IRCO.com

IngersollRand.com



Ingersoll Rand, IR, the IR logo, and PackageCARE are trademarks of Ingersoll Rand, its subsidiaries and/or affiliates. All other trademarks are the property of their respective owners. Ingersoll Rand compressors are not designed, intended or approved for breathing air applications. Ingersoll Rand does not approve specialised equipment for breathing air applications and assumes no responsibility or liability for compressors used for breathing air service. Nothing contained on these pages is intended to extend any warranty or representation, expressed or implied, regarding the product described herein. Any such warranties or other terms and conditions of sale of products shall be in accordance with Ingersoll Rand's standard terms and conditions of sale for such products, which are available upon request. Product improvement is a continuing goal at Ingersoll Rand. Any designs, diagrams, pictures, photographs and specifications contained within this document are for representative purposes only and may include optional scope and/or functionality and are subject to change without notice or obligation.

We are committed to using environmentally conscious print practices