

PSA Oxygen Generators

Standard Series

The Premium Performance

CompAir 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	90%		Oxygen capacity 93%		95%		Dimensions L x W x H cm	Weight kg
	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	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

Typical applications

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

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**