

# PSA Oxygen Generators Standard Series

## The Premium Performance

Oxywise 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

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Model	Oxygen capacity						Dimensions LxWxH cm	Weight kg
	90%		93%		95%			
	kg/h	m <sup>3</sup> /h	kg/h	m <sup>3</sup> /h	kg/h	m <sup>3</sup> /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 (m<sup>3</sup>) is with reference conditions, Temperature: 20°C, Pressure: 1.013 barA.

Conversion factor for m<sup>3</sup> with reference conditions, Temperature: 0°C, Pressure: 1.013 barA is 0.69 m<sup>3</sup>/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