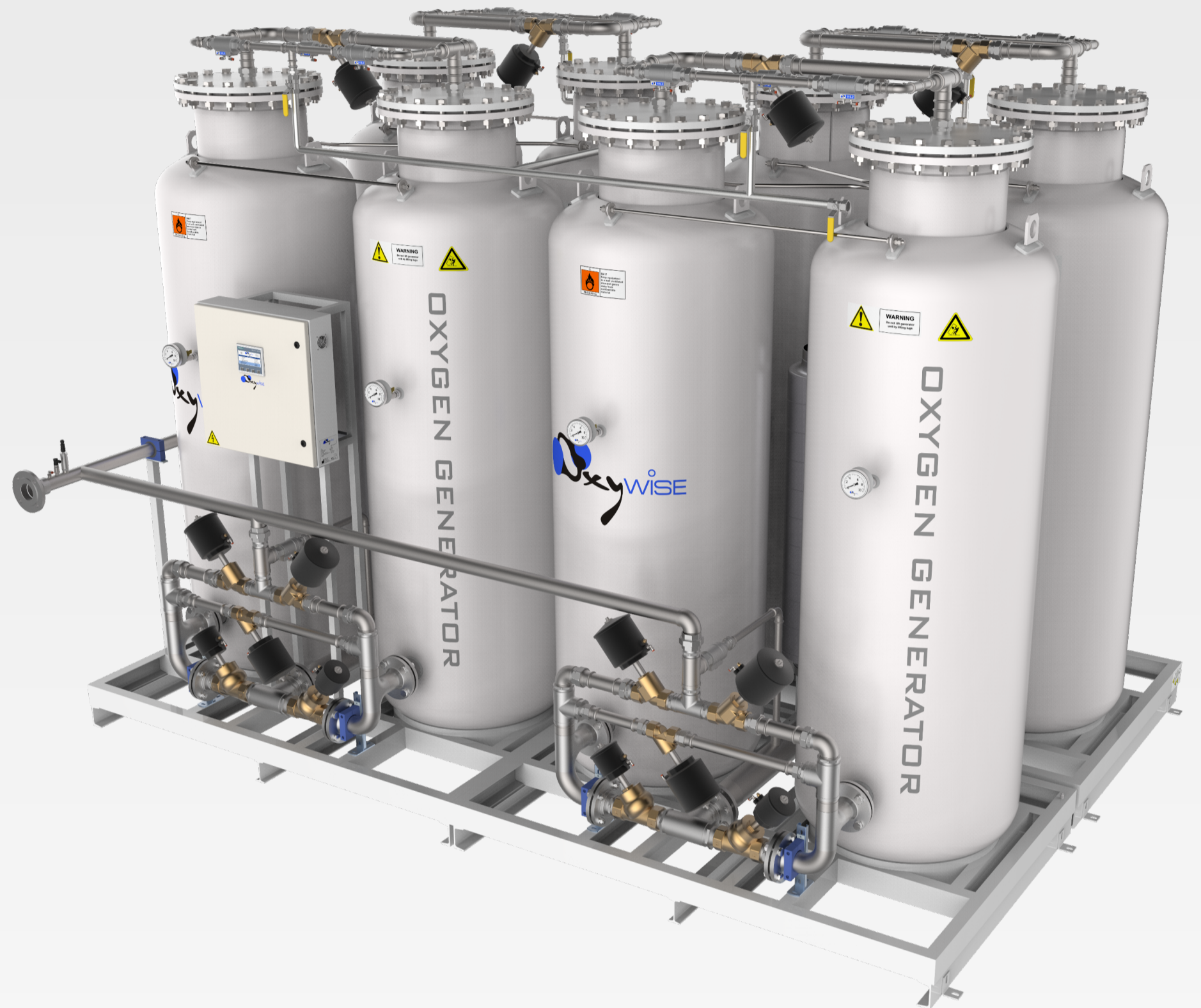


# PSA Oxygen Generators MULTISEP Series

## The Premium Performance

The unique MULTISEP design provides consistent high flow rates of oxygen with minimum footprint. Together with molecular sieve protection from moisture to, substantially lower the service costs, extend the lifetime and reduce costs.



### Standard Features

- ✓ Colour touch screen control
- ✓ Built in purity analyser for constant monitoring
- ✓ Modbus TCP, Ethernet connection
- ✓ Remote start/stop relay
- ✓ Data-logging via USB interface

### 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

# PSA Oxygen Generators

## MULTI SEP Series

Model	Oxygen capacity					
	90%		93%		95%	
	kg/h	m <sup>3</sup> /h	kg/h	m <sup>3</sup> /h	kg/h	m <sup>3</sup> /h
<b>O80T</b>	122.6	92.2	114.6	86.2	103.1	77.5
<b>O100T</b>	152.0	114.3	142.1	106.8	127.9	96.2
<b>O125T</b>	187.3	140.8	175.0	131.6	157.5	118.4
<b>O150T</b>	231.2	173.8	216.1	162.5	194.5	146.2
<b>O3080</b>	183.9	138.3	171.9	129.2	154.7	116.3
<b>O3100</b>	228.1	171.5	213.2	160.3	191.8	144.2
<b>O3125</b>	280.9	211.2	262.5	197.4	236.3	177.6
<b>O3150</b>	346.8	260.8	324.2	243.7	291.7	219.3
<b>O4080</b>	245.2	184.4	229.2	172.3	206.3	155.1
<b>O4100</b>	304.1	228.6	284.2	213.7	255.8	192.3
<b>O4125</b>	374.5	281.6	350.0	263.2	315.0	236.8
<b>O4150</b>	462.5	347.7	432.2	325.0	389.0	292.5
<b>O5080</b>	306.6	230.5	286.5	215.4	257.9	193.9
<b>O5100</b>	380.1	285.8	355.3	267.1	319.7	240.4
<b>O5125</b>	468.1	352.0	437.5	328.9	393.8	296.1
<b>O5150</b>	578.1	434.7	540.3	406.2	486.2	365.6

### Operating conditions

Ambient temperature range	5°C to 50°C
Oxygen outlet pressure	4 to 6barG
Oxygen dew point	-50°C (-70°C)
Air inlet pressure	7.5 to 10barG
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

- ✓ Zeolite anti-crush design
- ✓ No channelling effect
- ✓ Minimized footprint
- ✓ Molecular sieve protection
- ✓ Siemens based control system
- ✓ Stainless steel piping
- ✓ Designed for dynamic pressure loading