PSA OXYGEN GENERATORS
MULTI SEP SERIES

The premium performance
The unique MULTISEP design provides steady high flow rates of oxygen with minimum footprint requirement. Together with molecular sieve protection from moisture substantially lower the service costs, extends the lifetime and provides savings.

Standard Features
- Colored touch screen control
- Built in purity analyzer 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 other

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

Model | Oxygen capacity
| 90% | 93% | 95%
| kg/h | m³/h | kg/h | m³/h | kg/h | m³/h
O80T | 122.6 | 92.2 | 114.6 | 86.2 | 103.1 | 77.5
O100T | 152.0 | 114.3 | 142.1 | 106.8 | 127.9 | 96.2
O125T | 187.3 | 140.8 | 175.0 | 131.6 | 157.5 | 118.4
O150T | 231.2 | 173.9 | 216.1 | 162.5 | 194.5 | 146.2
O3080 | 183.9 | 138.3 | 171.9 | 129.2 | 154.7 | 116.3
O3100 | 228.1 | 171.5 | 213.2 | 160.3 | 191.9 | 144.3
O3125 | 260.9 | 211.2 | 262.5 | 197.4 | 236.3 | 177.6
O3150 | 346.9 | 260.8 | 324.2 | 243.8 | 291.8 | 219.4
O4080 | 245.2 | 184.4 | 229.2 | 172.3 | 206.3 | 155.1
O4100 | 304.1 | 228.6 | 284.2 | 213.7 | 255.8 | 192.3
O4125 | 374.5 | 261.6 | 350.0 | 263.2 | 315.0 | 236.8
O4150 | 462.5 | 347.7 | 432.2 | 325.0 | 389.0 | 292.5
O5080 | 306.6 | 230.5 | 286.5 | 215.4 | 257.9 | 193.9
O5100 | 380.2 | 285.8 | 355.3 | 267.1 | 319.8 | 240.4
O5125 | 468.1 | 352.0 | 437.5 | 328.9 | 393.8 | 296.1
O5150 | 578.1 | 434.7 | 540.3 | 406.2 | 486.3 | 365.6

Operating conditions
- Ambient temperature range: 5°C to 50°C
- Oxygen outlet pressure: 4 to 6 barG
- 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
- Cutting/Welding
- Fish farming
- Glass production
- Gold leaching
- Health-care
- Ozone production
- Veterinary
- Water treatment

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