**PSA OXYGEN GENERATORS SEP SERIES**

**The premium performance**
The unique SEP 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.

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**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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Models O20 to O50+

Models O65 to O150+

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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

**Typical applications**
- Cutting/Welding
- Fish farming
- Glass production
- Gold leaching
- Health-care
- Ozone production
- Veterinary
- Water treatment

**Model**
<table>
<thead>
<tr>
<th>Oxygen capacity</th>
<th>90%</th>
<th>93%</th>
<th>95%</th>
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<tbody>
<tr>
<td>O20</td>
<td>13.5</td>
<td>12.6</td>
<td>11.3</td>
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<tr>
<td>O20+</td>
<td>15.2</td>
<td>14.2</td>
<td>12.8</td>
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<tr>
<td>O27</td>
<td>19.4</td>
<td>18.1</td>
<td>16.3</td>
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<tr>
<td>O27+</td>
<td>20.7</td>
<td>19.3</td>
<td>17.4</td>
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<tr>
<td>O35</td>
<td>24.8</td>
<td>23.2</td>
<td>20.9</td>
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<tr>
<td>O35+</td>
<td>27.0</td>
<td>25.2</td>
<td>22.7</td>
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<tr>
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<td>31.0</td>
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<td>26.1</td>
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<td>34.9</td>
<td>32.6</td>
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<tr>
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<td>42.7</td>
<td>39.9</td>
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<tr>
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<tr>
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<td>71.1</td>
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<tr>
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<tr>
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<tr>
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<td>98.6</td>
<td>88.7</td>
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<tr>
<td>O150+</td>
<td>115.6</td>
<td>108.0</td>
<td>97.2</td>
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</tbody>
</table>

**Dimensions (LxWxH)**
- O20: 105x95x210 cm, 750 kg
- O20+: 115x90x226 cm, 1000 kg
- O27: 125x95x220 cm, 1100 kg
- O27+: 155x130x230 cm, 1800 kg
- O35: 165x135x235 cm, 2300 kg
- O35+: 195x125x225 cm, 2800 kg
- O50: 195x125x225 cm, 3000 kg
- O50+: 205x165x315 cm, 3300 kg
- O65: 185x165x360 cm, 4000 kg

**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.

**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