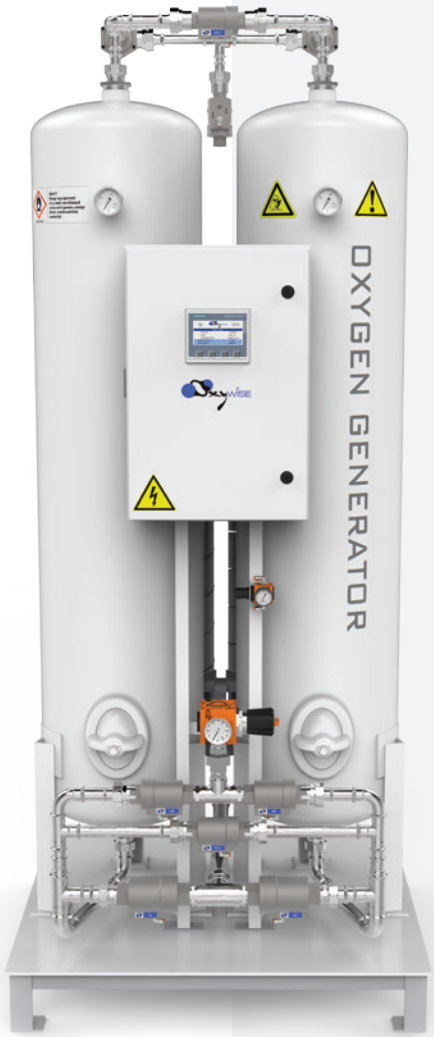
# PSA OXYGEN GENERATORS STANDARD SERIES

**The premium performance**
Oxywise Oxygen generators produce high quality oxygen from compressed air by Pressure Swing Adsorption (PSA) method. Our generators represent reliable and cost effective alternative.




**Standard Features**
- Colored 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 other

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001 ISO 13485
TÜV NORD PED 97/23/EC

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## KEY Benefits

- Flexibility
- Cost-effectiveness
- Safety
- Easy operation
- Reliability

| Model | Oxygen capacity | | | | | | Dimensions (LxWxH) | Weight |
|---|---|---|---|---|---|---|---|---|
| | 90% | | 93% | | 95% | | | |
| | kg/h | $m^3/h$ | kg/h | $m^3/h$ | kg/h | $m^3/h$ | cm | kg |
| **O1** | 0,6 | 0,5 | 0,6 | 0,5 | 0,5 | 0,4 | 58x68x180 | 130 |
| **O2** | 1,6 | 1,2 | 1,5 | 1,1 | 1,4 | 1,0 | 62x70x170 | 165 |
| **O4** | 3,4 | 2,6 | 3,2 | 2,4 | 2,9 | 2,2 | 65x75x195 | 200 |
| **O6** | 4,2 | 3,1 | 3,9 | 2,9 | 3,5 | 2,6 | 65x80x195 | 250 |
| **O9** | 5,8 | 4,3 | 5,4 | 4,1 | 4,9 | 3,7 | 78x82x193 | 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 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 (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