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

Standard Features
- Stainless steel piping
- Colored touch screen control
- Built in purity analyzer for constant monitoring
- Data-logging via USB interface
- Modbus TCP communication
- Remote start/stop relay
- 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

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# PSA Nitrogen Generators Standard Series

## Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Nitrogen capacity</th>
<th>Dimensions (LxWxH) cm</th>
<th>Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>N1</td>
<td>kg/h</td>
<td>m³/h</td>
<td>kg/h</td>
</tr>
<tr>
<td>N2</td>
<td>kg/h</td>
<td>m³/h</td>
<td>kg/h</td>
</tr>
<tr>
<td>N4</td>
<td>kg/h</td>
<td>m³/h</td>
<td>kg/h</td>
</tr>
<tr>
<td>N6</td>
<td>kg/h</td>
<td>m³/h</td>
<td>kg/h</td>
</tr>
<tr>
<td>N9</td>
<td>kg/h</td>
<td>m³/h</td>
<td>kg/h</td>
</tr>
<tr>
<td>N12</td>
<td>kg/h</td>
<td>m³/h</td>
<td>kg/h</td>
</tr>
<tr>
<td>N15</td>
<td>kg/h</td>
<td>m³/h</td>
<td>kg/h</td>
</tr>
</tbody>
</table>

## Operating Conditions

- **Ambient temperature range**: 5°C to 50°C
- **Nitrogen outlet pressure**: 5 to 9 barG
- **Nitrogen 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

## Typical Applications

- Electronics
- Food packaging
- Laser cutting
- Inerting
- Pharmaceuticals
- Plastics
- Tire filling

## Key Benefits

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

## 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 0.8 m³/kg.
- Designs and specifications are subject to change without notice or obligation.