PSA NITROGEN GENERATORS
SEP SERIES

The premium performance
The unique SEP design provides steady high flow rates of nitrogen with minimum footprint requirement. Together with molecular sieve protection from moisture substantially lower the cost and extends the lifetime.

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 N20 to N50

Models N65 to N150
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**KEY Benefits**
- CMS anti-crush design
- No channeling effect
- Minimized footprint
- Mol sieve protection
- Siemens based control system
- Stainless steel piping
- Designed for dynamic pressure loading

<table>
<thead>
<tr>
<th>Model</th>
<th>Nitrogen capacity</th>
<th>Dimensions (LxWxH) cm</th>
<th>Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>N20</td>
<td>kg/h</td>
<td>153.0</td>
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<td>m³/h</td>
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</table>

**Dimensions**
- (LxWxH) cm
- Weight kg

**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

**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.

**Typical applications**
- Electronics
- Food packaging
- Laser cutting
- Inerting
- Pharmaceutics
- Plastics
- Tire filling

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