



MODULN2

Compact Membrane Nitrogen Generator

MODULN2 is a compact, mobile nitrogen generator ensuring production of up to 99.5% nitrogen concentration. Utilizing membrane technology, this small footprint generator is a perfect alternative to nitrogen cylinder delivery for those looking for economical, convenient and reliable in-house nitrogen supply.



KEY FEATURES

- Nitrogen flow rate range: 0.29 to 2.24 SCFM (8 LPM to 63 LPM)
- Nitrogen concentration: Up to 99.5% (0.5% residual oxygen)
- Outlet pressure: Up to 125 PSI (8.6 bar)
- Quiet, fully automatic operation
- Easy to install and maintain

MODULN2 APPLICATIONS

Novair's ModulN2 is designed for:

- Life Sciences
- Academic and Research Facilities
- Biotech
- Pharmaceuticals
- Chemical Blanketing
- Food & Beverage Packaging

NOVAIR QUALITY

- USA and Italian-made
- Professional service with start-up, commissioning, maintenance, training
- Installations worldwide



MODULN2

Compact Membrane
Nitrogen Generator

TECHNICAL SPECIFICATIONS

| MODELS | | MODULN2-1 | | | MODULN2-2 | | | MODULN2-3 | | |
|-------------------------|---------|-------------|-------|-------|-----------|-------|-------|-----------|-------|-------|
| NITROGEN CONCENTRATION | | 99.65% | 99.5% | 99.0% | 99.65% | 99.5% | 99.0% | 99.65% | 99.5% | 99.0% |
| NITROGEN FLOW @ 110PSI | SCFM | 0.29 | 0.35 | 0.53 | 0.59 | 0.65 | 1.06 | 1.18 | 1.24 | 1.59 |
| NITROGEN FLOW @ 110PSI | LPM | 8 | 10 | 15 | 17 | 18 | 30 | 33 | 35 | 45 |
| NITROGEN FLOW @ 145 PSI | SCFM | 0.35 | 0.41 | 0.65 | 0.71 | 0.82 | 1.29 | 1.59 | 1.77 | 2.24 |
| NITROGEN FLOW @ 145 PSI | LPM | 10 | 12 | 18 | 20 | 23 | 37 | 45 | 50 | 63 |
| MIN FEED AIR PRESSURE | PSI/bar | 110 / 7.5 | | | | | | | | |
| MAX FEED AIR PRESSURE | PSI/bar | 145 / 10 | | | | | | | | |
| DEW POINT ² | °C/°F | -40° / -40° | | | | | | | | |
| SOUND LEVEL | dB(A) | <65 | | | | | | | | |

Installation Requirements: Well ventilated and protected environment.

(1) Flow rates at standard atmospheric conditions (70°F/20°C and 60% Relative Humidity)

(2) Product Dew Point at atmospheric pressure

FEED AIR REQUIREMENTS

Min / Max Air Inlet Pressure: 101 to 145 PSI

Max Air Inlet Temperature: +113°F / +40°C

Min. Air Quality: ISO 8573.1 Class 1.4.1

CONNECTIONS

Feed Air Inlet / Nitrogen Outlet: 3/8 FNPT"

Off-Spec Connections: 1/2 FNPT"

POWER REQUIREMENTS

Power Supply: 110/115 VAC / 60 Hz

Power Consumption max: 200 W

WEIGHT: 132 LBS
(60 KG)

