



SAVINGS



AUTONOMY



RELIABILITY



SAFETY



ECO-FRIENDLY

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

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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

WEIGHT: 132 LBS
(60 KG)

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

