



OmniN2 Nitrogen Generators

NOVAIR's Multi-Industry Membrane Nitrogen Generator Line

NOVAIR USA's new US-made OmniN2 nitrogen generators are the perfect match of fit, form, and function. Brilliantly designed for ease of use, these generators are slim, quiet, and reliable producers of large flows of nitrogen. Produce maintenance-free, high-purity nitrogen in-house, 24x7, from the company with the industry's highest quality standards. It's the perfect alternative to cylinder delivery.

KEY FEATURES

- Nitrogen flow rate range: Up to 110 LPM (3.88 SCFM)¹
- Nitrogen purity: Up to 99.9% (0.1% residual oxygen)
- Adjustable delivery pressure regulator
- Residual O2 purity analyzer
- Easy-to-read and operate digital N2 flowrate display
- Simple setup, quiet, easy-to-maintain, fully-automatic operation

APPLICATIONS

NOVAIR's Membrane Nitrogen Generator line is designed for:

- Life Sciences
- Academic and Research Facilities
- Biotech
- Pharmaceuticals
- Food & Beverage Packaging
- Many More

NOVAIR QUALITY

- Made in the USA
- Professional service with start-up, commissioning, maintenance, training and superior technical support
- Proven customer satisfaction with installations worldwide

¹ Product requires external source of compressed air.



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TECHNICAL SPECIFICATIONS

Installation Requirements: Well ventilated and protected environment.

MODELS		OmniN2-1			OmniN2-2			OmniN2-3		
NITROGEN CONCENTRATION		95%	98%	99.5%	95%	98%	99.5%	95%	98%	99.5%
NITROGEN FLOW ¹ @ 100 PSI	SCFM	1.73	0.88	0.42	2.72	1.31	0.64	3.88	1.87	0.88
NITROGEN FLOW @ 100 PSI	LPM	49	25	12	77	37	18	110	53	25
WEIGHT	lbs/KG	92.0 / 41.7			95.7 / 43.4			96.4 / 43.7		
MIN OPERATING PRESSURE	PSI/bar	55 / 3.8								
MAX OPERATING PRESSURE	PSI/bar	145 / 10								
DEW POINT ²	°C/°F	-51° / -60°								
SOUND LEVEL	dB(A)	<65								

(1) Flow rates at standard atmospheric conditions (70°F/20°C, 14.7 PSI / 1.013 bar and 60% relative humidity)

(2) Product dew point at atmospheric pressure

FEED AIR REQUIREMENTS

Min / Max Air Inlet Pressure: 70 to 160 PSI /
4.83 to 11.03 bar(g)

Max Air Inlet Temperature: +90°F / +32.2°C

CONNECTIONS

Feed Air Inlet / Nitrogen Outlet: 1/4" NPT

POWER REQUIREMENTS

Power Supply: 110-240 VAC / 50-60 Hz / 1 phase
Power Consumption Max: 100 W

¹ Product requires external source of compressed air.



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