



Nitrogen generator

N4

Features and benefits

- On-site nitrogen generator
- Based on Pressure Swing Adsorption (PSA) technology
- Fully automated, plug-and-play
- As standard calibrated to produce 4.2 (99.50%) Nm³/hour
- Meets production requirements from 0.7 (99.999%) to 9.8 (95.00%) Nm³/hour

Performance

Purity:	(%)	95.00	97.00	98.00	99.00	99.50	99.90	99.95	99.99	99.999
Flow:	(N ₂ Nm ³ /hour)	9.8	7.8	6.5	4.9	4.2	2.7	1.3	2.2	0.85
Air requirements:	(Nm ³ /minute)	0.36	0.34	0.30	0.26	0.24	0.20	0.19	0.19	0.15

Unit performance +/- 5%

General specifications and requirements

Capacity at 99.5%:	4.2 Nm ³ /hour
Cost per Nm ³ produced:	0.52 kWh/ Nm ³
Dew point:	Inlet: +3°C Outlet: -50°C
Inlet Air quality:	ISO 8573-1:2010-1.4.1
Outlet pressure:	5 bar
Inlet pressure requirement:	7.5 bar
Power supply:	Generator: 240-110 V / 50-60 Hz Compressor: 400-440 V / 50-60 Hz
Recommended buffer size:	60L
Compressor requirements:	0.24 Nm ³ /min
Operating conditions:	Min 5°C - Max 45°C Dry and ventilated room

Nm³ = +15°C & 1013 mbar

Extras

- O₂ monitor
- Built on frame
- Compressor
- Dryer
- Air tank
- Booster
- High pressure compressor
- Filling station

Dimensions and weight

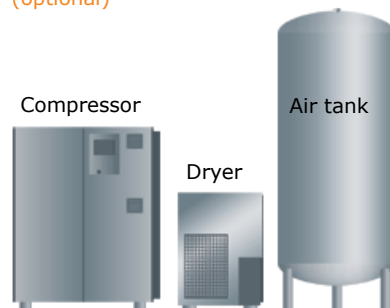
Generator size:	(m)	0.60 W x 0.70 L x 1.53 H
Generator weight:	(kg)	160

Scope of supply

Generator:
(standard)



Air supply:
(optional)



Boosting and filling:
(optional)

