

Oxygen generator

Features and benefits

- On-site oxygen generator
- Based on Pressure Swing Adsorption (PSA) technology
- Fully automated, plug-and-play
- As standard calibrated to produce 34.5 (90.0%) Nm³/hour
- Meets production requirements from 31.1 (95.0%) to 34.5 (90.0%) Nm³/hour

Performance

Purity (%):	90.00	93.00	95.00
Flow (Nm ³ /hour):	34.5	32.4	31.1
Air requirements (Nm ³ /minute):	6.00	5.82	5.70
Unit performance +/- 5%			

General specifications and requirements

Capacity at 90.0%:	34.5 Nm ³ /hour
Cost pr. Nm ₃ produced:	1.07 kW/ Nm ³
Dew point:	Inlet: +3°C Outlet: -50°C
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 vessel:	1000L
Compressor requirements:	6.00 Nm ³ /min
Operating conditions:	Min 5°C - Max 45°C. Dry and ventilated room

Dimensions and weight

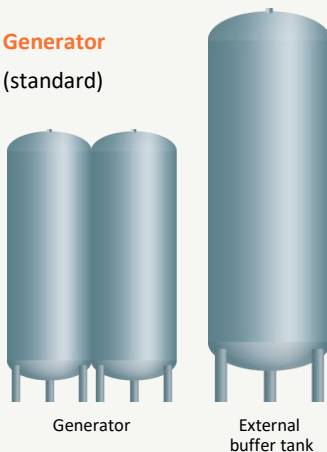
Generator size (m):	2.00 W x 1.00 L x 2.50 H
Generator weight (kg):	2.100

Features and benefits

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

Scope of supply

Generator (standard)



Air supply (optional)



Boosting and filling (optional)

