

# 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 7.8 (90.0%) Nm<sup>3</sup>/hour
- Meets production requirements from 6.8 (95.0%) to 7.8 (90.0%) Nm<sup>3</sup>/hour

## Performance

Purity (%):	90.00	93.00	95.00
Flow (O <sub>2</sub> Nm <sup>3</sup> /hour):	7.8	7.2	6.8
Air requirements (Nm <sup>3</sup> /minute):	1.70	1.65	1.60

Unit performance +/- 5%

## General specifications and requirements

Capacity at 90.0%:	7.8 Nm <sup>3</sup> /hour
Cost pr. Nm <sub>3</sub> produced:	1.41 kW/ Nm <sup>3</sup>
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:	250L
Compressor requirements:	1.70 Nm <sup>3</sup> /min
Operating conditions:	Min 5°C - Mac 45°C. Dry and ventilated room

## Dimensions and weight

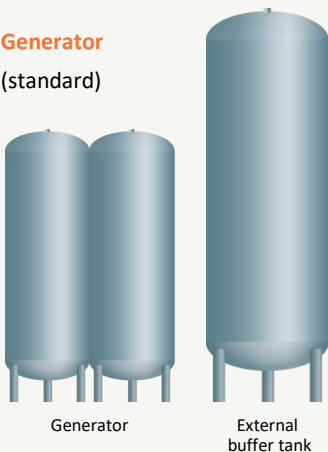
Generator size (m):	0.90 W x 0.80 L x 1.75 H
Generator weight (kg):	700

## Features and benefits

- O<sub>2</sub> monitor
- Compressor
- Dryer
- Air tank
- Booster
- High pressure compressor
- Filling station

## Scope of supply

### Generator (standard)



### Air supply (optional)



### Boosting and filling (optional)

