

# 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 85.0 (90.0%) Nm<sup>3</sup>/hour
- Meets production requirements from 73.0 (95.0%) to 85.0 (90.0%) Nm<sup>3</sup>/hour

## Performance

Purity (%):	90.00	93.00	95.00
Flow (N <sub>2</sub> Nm <sup>3</sup> /hour):	85.0	78.0	73.0
Air requirements (Nm <sup>3</sup> /minute):	16.1	15.8	15.0
Unit performance +/- 5%			

## General specifications and requirements

Capacity at 90.0%:	85.0 Nm <sup>3</sup> /hour
Cost pr. Nm <sub>3</sub> produced:	1.07 kW/ Nm <sup>3</sup>
Dew point:	Inlet: +3°C Outlet: -50°C
Outlet pressure:	4 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:	2000L
Compressor requirements:	16.1 Nm <sup>3</sup> /min
Operating conditions:	Min 5°C - Mac 45°C. Dry and ventilated room

## Dimensions and weight

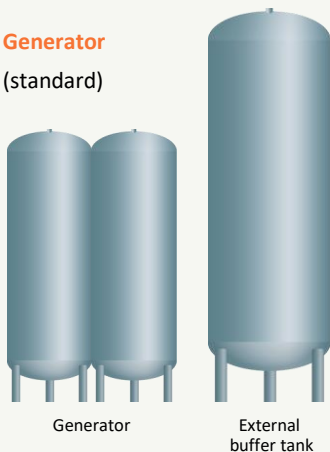
Generator size (m):	2.20 W x 2.40 L x 3.20 H
Generator weight (kg):	4.200

## 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)

