

# 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 3.0 (90.0%) Nm<sup>3</sup>/hour
- Meets production requirements from 2.3 (95.0%) to 3.0 (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):	3.0	2.5	2.3
Air requirements (Nm <sup>3</sup> /minute):	0.50	0.49	0.47
Unit performance +/- 5%			

## General specifications and requirements

Capacity at 90.0%:	3.0 Nm <sup>3</sup> /hour
Cost pr. Nm <sub>3</sub> produced:	1.33 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:	60L
Compressor requirements:	0.50 Nm <sup>3</sup> /min
Operating conditions:	Min 5°C - Mac 45°C. Dry and ventilated room

## Dimensions and weight

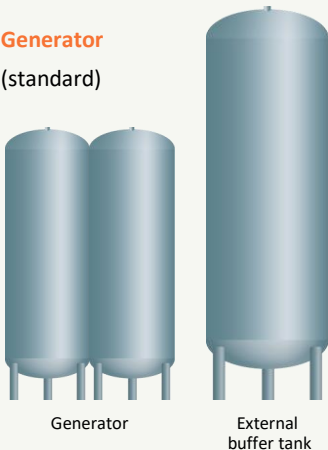
Generator size (m):	0.60 W x 0.60 L x 1.60 H
Generator weight (kg):	150

## 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)

