PRO$_2$XY® - 5 bar

- **Purity maxi. > 95%**
- Oxygen available upon request or continuously
- Economic oxygen production
- Simple and reliable production technology
- Constant flow and pressure of oxygen no matter the consumption (MIL'S patent)
- Pressure at 5 bar for single stage network pressure
- PROCOM 2 control device (see page 32)
- Very compact system
- Low maintenance requirements
- Complies with ISO 10083, European Pharmacopoeia Oxygen 93 and NF S95 175

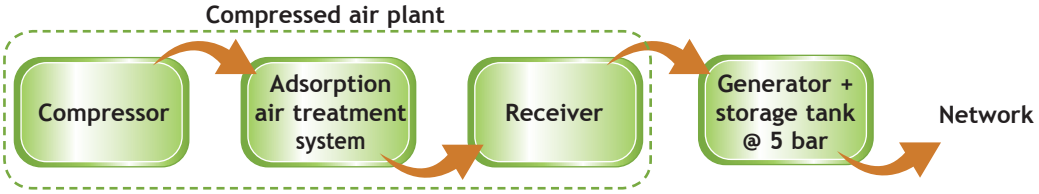
Characteristics

- Flow from 4 to 29 Nm³/h @ 93%
- Oxygen exhaust pressure : 5 bar
- O_2 measurement by heated and regulated paramagnetic sensor and with back pressure regulator
- CO / CO_2 infrared monitoring (optional)
- Dew point monitoring of O_2 (optional)
- Ambient O_2 monitoring (optional)
- Power consumption monitoring (optional)
- Working temperature from 5°C to 45°C
- Continuous running 24 hours (7/7)
- **Power supply : 1-phase 230V - 50 / 60 Hz (100W)**

PRO$_2$XY®	OX 3	OX 5	OX 7	OX 13	OX 26
Flow @ 95% (Nm³/h)	3	4.5	7	13	26
Flow @ 93% (Nm³/h)	4	5	9	14.3	28.6
Air inlet pressure	6.5 bar				
Oxygen exhaust pressure	between 4.5 and 5.5 bar				
Required air flow (Nm³/h)	40	60	93	150	300
Oxygen storage tank volume @ 5 bar	200 litres ▪		500 litres ▪		1000 litres ▪
Weight (kg)	290	440	640	900	1455
Required air plant in 11 bar HOSPITAIR® PACK S or G S	MVA 8	MVB 12	MVB 16	MVC 19	MVE 46

▪ Storage tank included : capacity of 200 or 500 litres mounted on the generator, capacity of 1000 litres delivered separately

Process sequence

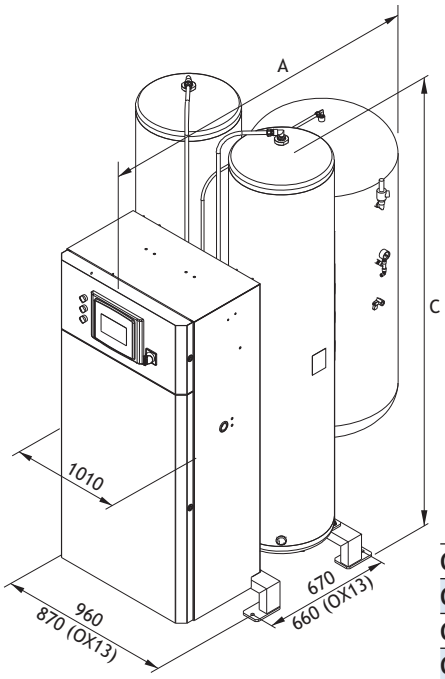


Air is a mixture of different gases with a proportion of 78% nitrogen, 21% oxygen, and 1% argon and others gases. Oxygen Generator separates oxygen from compressed air through a pressure swing adsorption (PSA) process. The synthetic zeolite of the molecular sieve adsorbs nitrogen and concentrates the oxygen up to a level of 95%. Furthermore, the oxygen flow is kept constant thanks to the two cylinders filled with molecular sieve (synthetic zeolite).

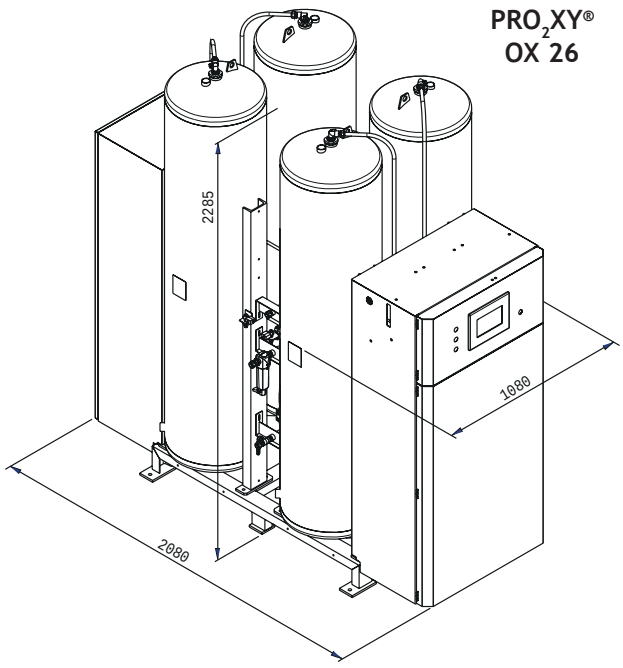
CE 0459

Range complying with 2007/47/CE directive

Dimensions (mm)



	A	C
OX 3	1210	1890
OX 5	1240	2015
OX 7	1480	2140
OX 13	1580	2295



Configuration

Measurements	O_2	O_2 network pressure	H_2O O_2	CO_2	CO	H_2O air	Air pressure	Ambient O_2	Power consumption
Single line	✓	✓	●	●	●	●	✓	●	●
Multi-line N°1	✓	✓	●	●	●	●	✓	●	●
Multi-line N°2	✓							●	●
Multi-line N°3	✓							●	●

✓ standard equipment ● optional

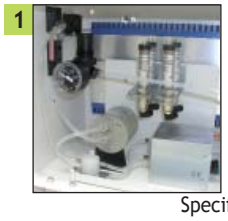
PRO2XY® - 5 bar - references

		OX 3	OX 5	OX 7	OX 13	OX 26
Generator	Single line	920423	920424	920425	921487	923854
Generator multi-line	Line N°1	922311	922312	922313	922314	923855
	Line N°2	922832	922833	922834	922835	923856
	Line N°3	922948	922949	922950	922951	923857
1 Paramagnetic O_2 sensor *		Foreseen 1 per generator		622272		

* Electrochemical oxygen analyser: consult us.

Optional accessory references

PROCOM 2 extension for generator single line or line N°1 (when an option is selected)	363171
2 Manual CO / CO_2 infrared analyser	724383
Automatic CO / CO_2 infrared analyser	724385
3 Air hygrometry monitoring	822284
O_2 hygrometry monitoring	823735
4 Wall-mounting analyser: O_2 / ambient air	622709
Power consumption monitoring	see page 34
Portable ambient oxygen analyser	622765
Uninterruptible power supply (1 per generator)	624030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Specifications are subject to be changed without notice.