

# OXYGEN CONTAINER

## Composite material

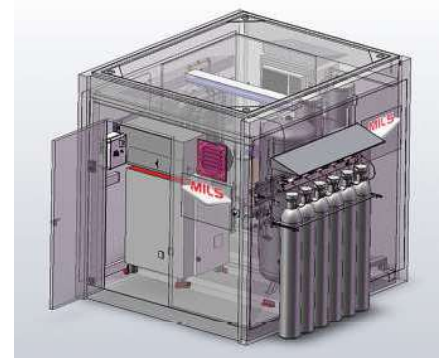
- Two compartments : one for air supply and one for oxygen production
- O<sub>2</sub> measurement by heated and regulated paramagnetic sensor and with back pressure regulator
- Air hygrometry monitoring is included in the container
- Compact design
- Simplified setting
- Ready-to-run plants
- Air conditioning (optional)



Cabin made of composites sandwich panels for good insulation

Complies with ISO 7396-1 and European Pharmacopoeia Oxygen 93.

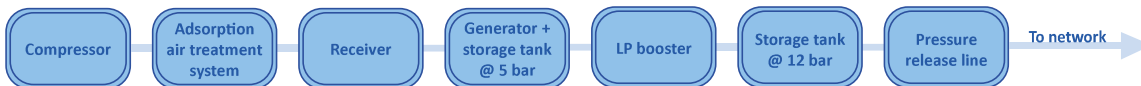
Customized solution



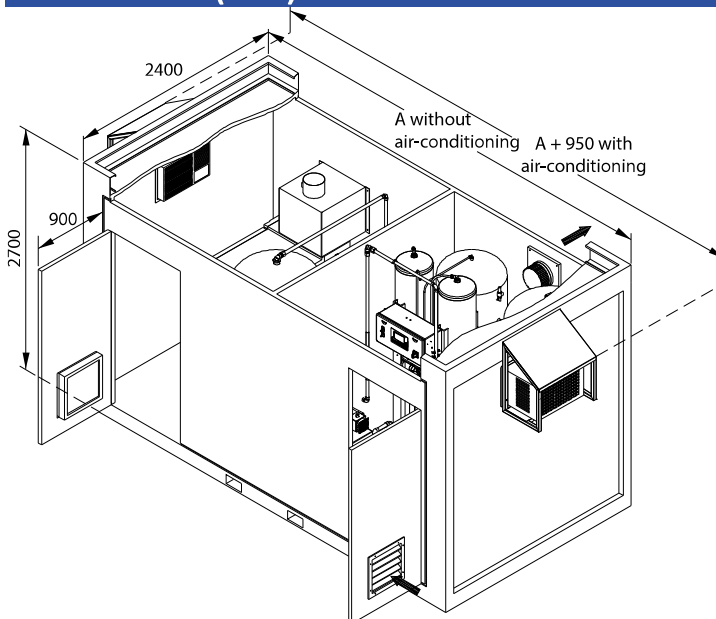
### Process sequence @ 5 bar



### Process sequence @ 12 bar



### Dimensions (mm)



	A	Weight (kg)
PRO2XY® OX 3 + MVA9	3500	2500
PRO2XY® OX 3B + MVA9	4000	2700
PRO2XY® OX 5 + MVB12	3500	2500
PRO2XY® OX 5B + MVB12	4000	2700
PRO2XY® OX 7 + MVB16	4000	3000
PRO2XY® OX 7B + MVB16	4700	3200
PRO2XY® OX 9 + MVC19	5000	4000
PRO2XY® OX 9B + MVC19	5000	4200
PRO2XY® OX 13B + MVC23	5000	4650
PRO2XY® OX 13B + MVC23	5000	4850

### Power supply

3-phase, 400V + N + E - 50 / 60 Hz



Range complying with 2007/47/CE directive



Range complying with 2014/68/UE directive

# PSA oxygen generators

## Configuration

Measurements	O <sub>2</sub> generator *	O <sub>2</sub> network *	CO *	CO <sub>2</sub>	H <sub>2</sub> O in air	H <sub>2</sub> O in O <sub>2</sub>	Ambient O <sub>2</sub> *	Air pressure	O <sub>2</sub> network pressure *	Power consumption
Single line	✓	●	●	●	●	●	●	✓	✓	●
Multi-line N°1	✓	●	●	●	●	●	●	✓	✓	●
Multi-line N°2	✓						●			●
Multi-line N°3	✓						●			●

✓: Standard equipment ●: Optional \*: mandatory according to ISO7396-1 : 2016

## Plant references

AIR/O <sub>2</sub> Container SINGLE LINE	OX 3 + MVA 9	OX 3B + MVA 9	OX 5 + MVB 12	OX 5B + MVB 12	OX 7 + MVB 16	OX 7B + MVB 16	OX 9 + MVC 19	OX 9B + MVC 19	OX 13 + MVC 23	OX 13B + MVC 23
Compressor	MVA 9	MVA 9	MVB 12	MVB 12	MVB 16	MVB 16	MVC 19	MVC 19	MVC 23	MVC 23
SEC 7HC OX - Air treatment device included	CY20-PF72-SUB72 AD5065 OX		CY20-PF109-SUB109 AD5130 OX			CY30-PF217-SUB217 AD5195 OX				
Vertical air receiver	1 x 500 l				1 x 1 000 l					
Generator	OX 3	OX 3B	OX 5	OX 5B	OX 7	OX 7B	OX 9	OX 9B	OX 13	OX 13B
O <sub>2</sub> Storage tank @ 5 bar	1 x 200 l				1 x 500 l					
O <sub>2</sub> Storage tank @ 12 bar	---	500 l	---	500 l	---	1 000 l	---	500 l	---	1 000 l
Without air-conditioning	922693	922694	922695	922696	922697	922698	925218	925228	922699	922700
With air-conditioning	922842	922843	922844	922845	922846	922847	925219	925229	922848	922849
AIR/O <sub>2</sub> Container MULTI-LINE	OX 3 + MVA 9	OX 3B + MVA 9	OX 5 + MVB 12	OX 5B + MVB 12	OX 7 + MVB 16	OX 7B + MVB 16	OX 9 + MVC 19	OX 9B + MVC 19	OX 13 + MVC 23	OX 13B + MVC 23
<b>Line N° 1 without OX HP</b>										
Without air-conditioning	922701	922702	922703	922704	922705	922706	925220	925230	922707	922708
With air-conditioning	922850	922851	922852	922853	922854	922855	925221	925231	922856	922857
<b>Line N° 1 with OX HP</b>										
Without air-conditioning	922858	922859	922860	922861	922862	922863	925222	925232	922864	923177
With air-conditioning	922865	922866	922867	922868	922869	922870	925223	925233	922871	923178
<b>Line N° 2</b>										
Without air-conditioning	922992	922993	922994	922995	922996	922997	925224	925234	922998	922999
With air-conditioning	923000	923001	923002	923003	923004	923005	925225	925235	923006	923007
<b>Line N° 3</b>										
Without air-conditioning	923008	923009	923010	923011	923012	923013	925226	925236	923014	923015
With air-conditioning	923016	92301	923018	923019	923020	923021	925227	925237	923022	923023

## Accessories and option references

Zirconium O <sub>2</sub> sensor	O <sub>2</sub> purity or network	625616	O <sub>2</sub> hygrometry monitoring	823735
CO / CO <sub>2</sub> infrared analyzer	manual calibration	724383	Portable ambient O <sub>2</sub> analyzer	622765
CO / CO <sub>2</sub> infrared analyzer	automatic calibration	724385	O <sub>2</sub> ambient alarm box	1-ph fan 625088
KIT analyzer CO	electromechanical	724912		3-ph fan 625339
KIT analyzer CO/CO <sub>2</sub>	electromechanical/IR	724914	Paramagnetic O <sub>2</sub> network sensor	725035
O <sub>2</sub> / ambient air analyzer	wall mounting	622709	Power consumption monitoring	See p 49
Emergency power supply	1 per generator	625034		

Specifications are subject to be changed without notice

# OXYGEN CONTAINER

## Composite material

Air compartment



Oxygen compartment



# PSA oxygen generators

## Oxygen compartment



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# OXYGEN CONTAINER

## Sea container

- Metal container ISO 20' or ISO 40'
- Fully insulated with sandwich panel
- Airworthiness certificate provided for maritime freight
- Built-in air conditioning in each compartment
- Hot air extraction system



## Air compartment



# PSA oxygen generators



Oxygen compartment

External mounting gaseous rescue.  
Power by auto decompression plant or high-pressure booster filling

