



ON-SITE EXCELLENCE - SINCE 1978

NORDIC MODULAR PALLET SERIES O2



KEY FEATURES

- Energy consumption from 0.8 kW/Nm³
- All pipes and valves are made of stainless steel (SS 316L)
- Sandblasted and power coated for extended lifetime
- Modbus TCP
- LED visual operation status
- Plug n play (build-in filters)
- Easy transportation (euro pallet size)

Capacity:
6.7 to 22.8 Nm³/h
at 93 % purity
Energy consumption:
from
0.8 kW/Nm³

MAKERS LIST

ITEM	ORIGIN	MATERIAL/DESCRIPTION
Angle seated pneumatic valves	Germany	SS316L body, PA actuator
Adsorber vessels	Denmark	Mild steel power coated, 11.9 bar(g)
Reduction valve	Germany	SS316L body
Safety valve	Italy	Brass, Viton
7" colour touch	Germany	IP 54 electrical cabinet
PLC	Germany	Pressure & purity
Molecular sieve	Japan/China	13X Zeolite
Oxygen analyser & control	EU	Zirconium, sensor

OPTIONS

ITEM	ORIGIN	MATERIAL/DESCRIPTION
UPS	Germany	Battery backup
Alarm	EU	Visual, acoustic, signal
Flow limiter	Germany	SS316L pipe, PA house
Output 4-20 mA	EU	Pressure & purity
GSM modem	EU	SMS, alarm
Modbus TCP/IP	EU	Communication Protocol

COMPRESSED AIR SPECIFICATIONS

Maximum operating pressure	11.9 bar(g)
Operating temperature	0-50 °C
Minimum inlet pressure	3.5 bar(g)
pressure dew point	max +3 °C
Air quality ISO specification	ISO 8573.1:2010.2.4.1

CONNECTIONS

Air & oxygen	DN40, ANSI-flanges, DIN-flanges or thread
Exhaust	Diameter 160 mm
Power supply	1 ph, 110-220 V, 50-60 Hz

ADD-ONS

ITEM	ORIGIN	MATERIAL/DESCRIPTION
Compressor	Germany/Norway	Oil lubricated/oil-free screw type
Air dryer	Germany/Norway	Refrigeration/adsorption dryer
Air & product tank pack	EU	Up to 11.9 bar(g)
High pressure filling station	USA/EU	Up to 300 bar(g)

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PERFORMANCE

Oxymat Oxygen Generators 2019

PALLET

Generator Model			92%	93%	94%	95%
Pallet-1 Min Air/Gas: 120 liters	4 bar(g)	N ₂ m ³ /hour	7.10	6.70	6.20	5.70
		Air m ³ /min	1.12	1.11	1.11	1.11
	5 bar(g)	N ₂ m ³ /hour	7.60	7.20	6.65	6.00
		Air m ³ /min	1.24	1.22	1.22	1.22
	6 bar(g)	N ₂ m ³ /hour	8.00	7.60	7.05	6.40
		Air m ³ /min	1.35	1.33	1.33	1.33
Pallet-2 Min Air/Gas: 240 liters	4 bar(g)	N ₂ m ³ /hour	14.20	13.40	12.40	11.40
		Air m ³ /min	2.25	2.21	2.21	2.22
	5 bar(g)	N ₂ m ³ /hour	15.20	14.40	13.30	12.00
		Air m ³ /min	2.48	2.45	2.44	2.44
	6 bar(g)	N ₂ m ³ /hour	16.00	15.20	14.10	12.80
		Air m ³ /min	2.69	2.66	2.66	2.67
Pallet-3 Min Air/Gas: 360 liters	4 bar(g)	N ₂ m ³ /hour	21.30	20.10	18.60	17.10
		Air m ³ /min	3.37	3.32	3.32	3.33
	5 bar(g)	N ₂ m ³ /hour	22.80	21.60	19.95	18.00
		Air m ³ /min	3.72	3.67	3.66	3.66
	6 bar(g)	N ₂ m ³ /hour	24.00	22.80	21.15	19.20
		Air m ³ /min	4.04	3.99	3.98	4.00

7" Touch, Intellicontrol and analyser included, filterpackage for air and gas included

Indicative data & prices, March 26th 2019

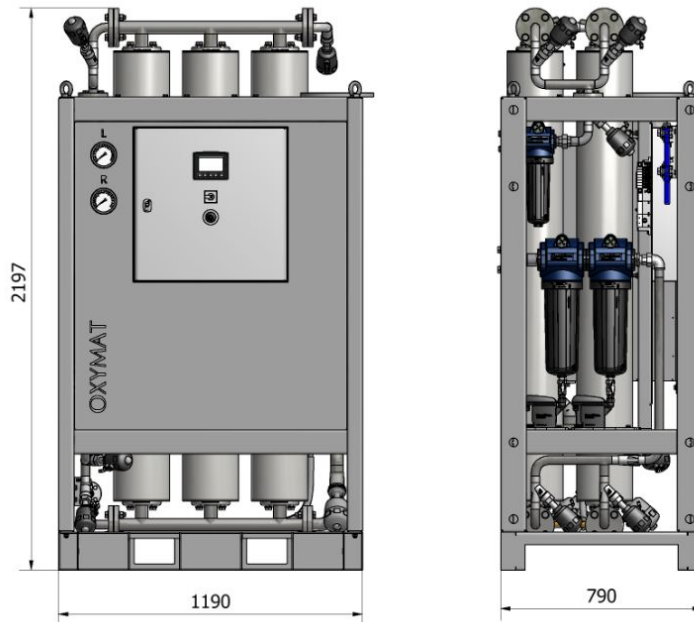


CORRECTION TABLE

AMBIENT TEMPERATURE

Ambient temperature impact on oxygen capacity								
°C	15	20	25	35	35	40	45	50
Factor	1.00	1.00	1.00	1.00	0.95	0.9	0.85	0.72

DIMENSIONS



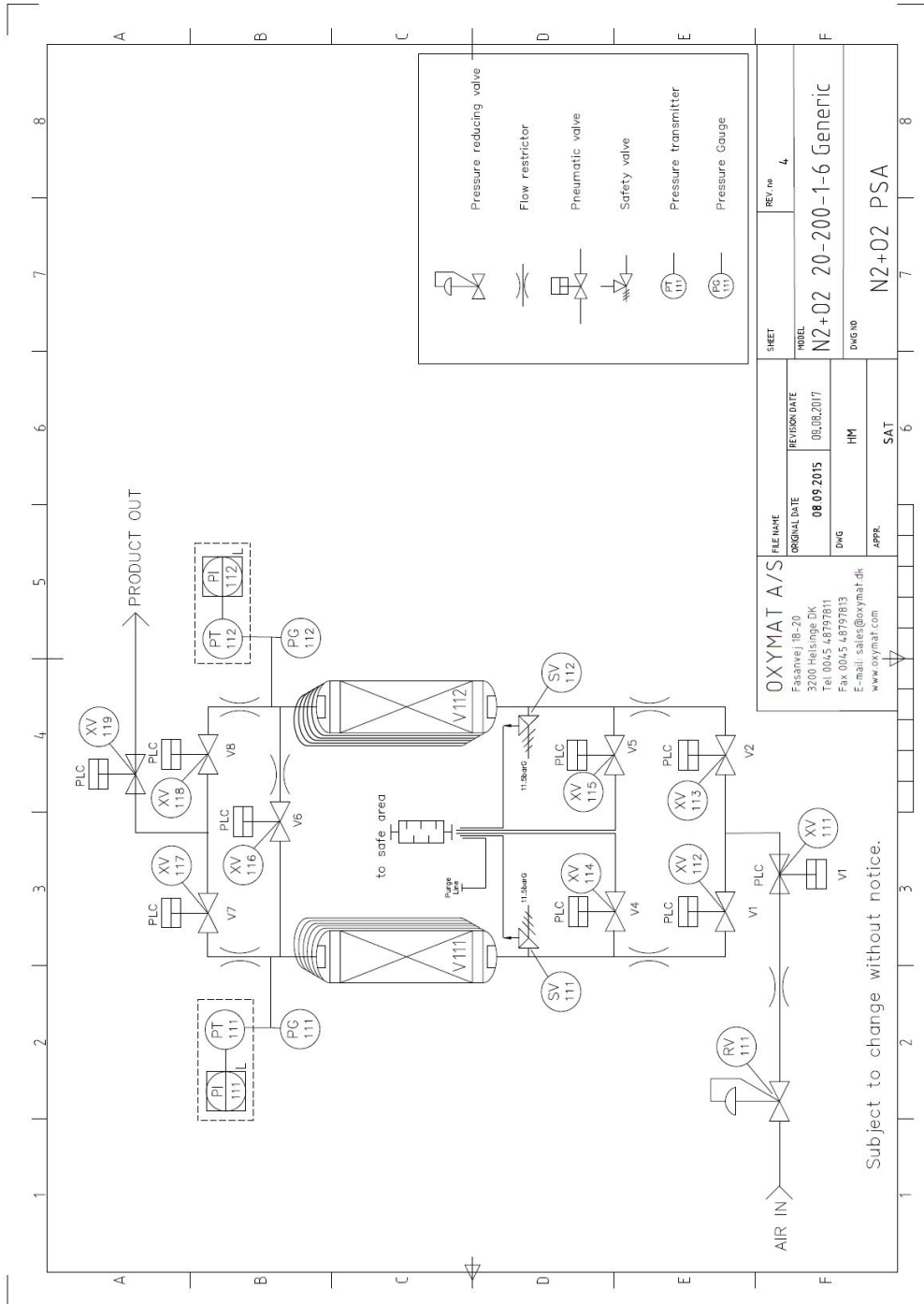
WEIGHT & DIMENSIONS

Model	Pallet-1	Pallet-2	Pallet-3
Weight [kg]	935	1100	1175
Dimension LxWxH [mm]	790x1190x2197	790x1190x2197	790x1190x2197



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GENERIC P&ID



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