nano O_2: On-Site Gas Generators

OGX 220

90-95% Oxygen Gas Generators

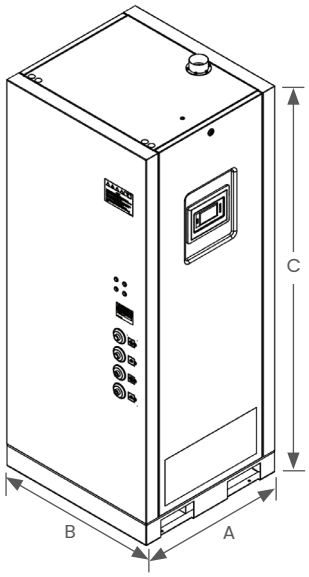
The NEW nano OGX oxygen generator delivers oxygen efficiency unmatched in the market. Using the highest quality media, the OGX gives you the oxygen volume, purity and reliability you need while massively reducing the cost per unit of O_2 .

GENERAL CHARACTERISTICS	
Rated capacity (Nm^3/h) [1] @ 90% / 93% / 95%	6.6 / 6.0 / 5.1
Absorbed power (watts)	100
Power supply (V/Ph/Hz)	115-230/1/50-60
OPERATING LIMITS	
Design operating pressure range (barg)	4.5 to 10
Design ambient temperature range (°C) [2]	-10 to +50
Design inlet temperature range (°C) [2]	-10 to +50
MEDIA CHAMBERS	
Material of construction	aluminium
Media type	zeolite molecular sieve
CONTROLS/DESIGN	
Controls	nano Vision [01] PLC
Controller type	touch screen
Electrical rating	IP 54
CONNECTIONS	
Compressed air inlet (BSP)	½"
Oxygen outlet to buffer vessel (BSP)	½"
Oxygen return from buffer vessel (BSP)	¼"
Oxygen outlet (BSP)	¼"
O_2 FILTRATION	
System O_2 filter required	NFO 14

(1) Inlet air dew point -6 barg inlet pressure, 20°C inlet temperature, 20°C ambient temperature, ISO class 4 (water).
(2) Inlet air dew point should be at least 10°C below the inlet and ambient temperature.
(3) Shipping weight and dimensions will be larger.

Dimensions & Weight

DIMENSIONS AND WEIGHT [3]	
A (ins)	840
B (ins)	796
C (ins)	2015
Weight (lbs)	400



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Features

- Standard scope includes O_2 sensor, flow meter, pressure regulation and flow control valve.
- Designed to produce high-purity oxygen in the 90%-95% oxygen concentration range.
- Customisable and adjustable to specific oxygen purity and flow rate requirements.
- Incorporate energy-saving technologies to optimise the oxygen production process during variable demand.
- Eliminates the need for transportation and storage of oxygen cylinders, reducing logistical complexities and safety risks associated with handling high-pressure gas cylinders.
- Compact footprint makes them suitable for various installations, including medical/veterinary facilities, industrial settings, and laboratories.

Upgrades

PART NUMBER	DESCRIPTION
OGX-ODS	Oxygen dew point sensor
OGX-ROM	Room oxygen monitor
OGX-LOT	Low operating temperature

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