

nano O₂: On-Site Gas Generators

OGX 850

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 O₂.



| GENERAL CHARACTERISTICS | |
|--|-------------------------------|
| Rated capacity (Nm ³ /h) ⁽¹⁾ @ 90% / 93% / 95% | 26.3 / 24.1 / 20.3 |
| 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) | 1¼" |
| Oxygen outlet to buffer vessel (BSP) | 1¼" |
| Oxygen return from buffer vessel (BSP) | ½" |
| Oxygen outlet (BSP) | ½" |
| O ₂ FILTRATION | |
| System O ₂ filter required | NFO 50 |

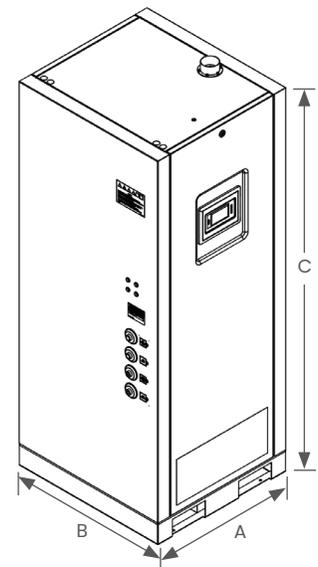
(1) Inlet air dew point -6 barg inlet pressure, 20°C inlet temperature, 20°C ambient temperature, ISO class 4 (water).

(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) | 970 |
| B (ins) | 1421 |
| C (ins) | 2015 |
| Weight (lbs) | 1134 |



nano O₂: On-Site Gas Generators

Features

- Standard scope includes O₂ 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 |



Technical specifications subject to change without notice.
Publication Reference: OGX850-UK-EN-Version-000
©2024 Air & Gas Solutions LLC

nano
Experience. Customer. Service.

nano-purification solutions
www.nano-purification.com

United Kingdom
Gateshead, United Kingdom
Phone: +44 (0) 191 497 7700
Email: sales_uk@nano-purification.com

United States | Canada | United Kingdom | Germany | Singapore