

Applications

Atmosphere management technology providing pure air in enclosed environments such as safe havens, emergency refuge chambers and submarines.

oxygen generator providing 2600

litres of breathable oxygen

PROPERTIES

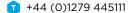
- eMPOG oxygen generators require no maintenance during storage
- Associated with a high degree of safety
- eMPOGs are packed in an airtight stainless steel canister to protect from contaminants
- Ignition source heating element connected to a power source
- Phosphorous brass starter (supplied separately)
- Short time from stowage to operation

How it works

Atmosphere management technology providing pure air in enclosed environments such as safe havens, emergency refuge chambers and submarines. Designed as a plug and play solid oxygen system to integrate into existing environmental control systems, enabling oxygen generation to be managed electronically via an Amphenol connector situated at the top of the eMPOG.

Molecular Products Ltd

Parkway, Harlow Business Park, Harlow, Essex, CM19 5FR, UK



f sales@molprod.com

www.molecularproducts.com

eMPOG



Depth x width (mm) Height (mm) Weight (kg)	Stowage C128 x 128 450 (from base of tin to top of starter module) 11.5 +/- 0.5	In Use c128 x 128
Height (mm)	450 (from base of tin to top of starter module) 11.5 +/- 0.5	c128 x 128
	to top of starter module) 11.5 +/- 0.5	
Weight (kg)	·	
Storage volume (litre)	c7	
Oxygen generation (litre)		2600 @ NTP +/- 100
Delivery duration (minutes)		60 - 90
Purity of oxygen (%)		> 98
Carbon monoxide (max. ppm)		< 50
Carbon dioxide (max. ppm)		< 1000
Chlorine (max. ppm)		< 0.2
Sodium chloride - salt (max. mg/l)		< 10
Voltage (vdc)		24

SHIPPING		
Number of generators per stillage	Gross weight of stillage (kg)	Dimensions of stillage (W x D x H) cm
25 (unless otherwise stated)	380	85 x 85 x 67

ADDITIONAL INFORMATION

Packaging, Transportation and Disposal

The units are not shipped with the electronic ignition module or the brass starter mechanism. The units are classified as hazardous UN 3356 oxygen generator, chemical, class 5.1. Packing is in accordance with IATA regulation for air freight (not passenger aircraft) or IMDG regulations for sea freight.

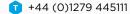
Contact local specialist waste contractors for guidance on disposal of used, part-used or damaged oxygen generators. Part-used or damaged oxygen generators are still classified as 5.1 hazardous material.

Quality

Molecular Products' aim is to manufacture chemical products which satisfy completely the needs of our customers. All products are rigorously tested to ensure conformance to the specification. Our activities comply with the requirements of ISO 9001.

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