



OC LUGO Co. Inc.
CRITICAL FILTRATION. LIFE SUPPORT.

OC Lugo is part of the Molecular Products Group 



**TECHNICAL
DATA SHEET**

CAN-33



DESCRIPTION

CAN-33 oxygen generators are manufactured with the highest quality to ensure that a specific quality of life-sustaining oxygen is provided via chemical reaction.

APPLICATIONS

Oxygen Generator for Submarines, Emergency Refuge Chambers, and Safe Havens (where safe atmospheric conditions are required and maintained through oxygen replenishment).

PROPERTIES

- CAN-33 oxygen generators are provided in a sealed metal canister with igniter pin for safe and secure storage, until ready for use.
- No additional tools required for opening canister.
- Proper training and routine maintenance are needed to ensure a safe and reliable oxygen delivery process, (please refer to the CAN-33 Oxygen Generator Manual prior to operating or conducting maintenance).
- Spent Oxygen Generators are considered non-hazardous and may be disposed of through a specialist waste contractor.

HOW IT WORKS

Designed to work with the CAN-33 furnace and the provided igniter, the system allows the user to manually start the oxygen generation process safely and quickly.

OC Lugo Co., Inc.

150N 4th St,
Connellsville,
PA 15425

T +1(845) 480-5121
E sales@molprod.com
W www.oclugo.com

CAN-33 OXYGEN GENERATOR



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SPECIFICATIONS

	Value
Canister Diameter (in)	6 5/8
Canister Height (in)	12
Candle Height (in)	11 3/8 - 11 5/8
Weight (lbs)	26 - 26.5
Oxygen generation (litre)	>3341 Litres
Delivery duration (minutes)	50 +/- 10 minutes
Purity of oxygen (%)	>99
Carbon monoxide (ppm)	<25
Chlorine generated (ppm)	<2.5

SHIPPING

Number of generators per pallet	Gross weight of pallet (lbs)	Dimensions (L x W x H) in
48	1470	46 x 36 x 42
12 boxes of 4 Oxygen Generators		15 x 15 x 14

ADDITIONAL INFORMATION

Packaging, Transportation and Disposal

HAZMAT Class 5.1 oxidizer, Hazardous UN 3356 and are packaged in accordance with IATA and IMDG regulations. Spent Oxygen Generators are considered non-hazardous and may be disposed of through a specialist waste contractor.

Storage and Handling

Store in a clean, cool and dry place. Strong oxidizer. Contact with other material(s) may cause fire. Product may ignite if temperature exceeds 400 C (209 C). Never allow water, oil, grease or combustibles to contact the candle. Keep away from strong acids and reducing agents. Keep away from heat, spark, and flames. Wear rubber gloves when handling unburnt candles due to possible skin irritation.

Precautions




When working with Oxygen Generators in relation to the Oxygen Generator Furnace, please keep in mind that some components of the furnace may be hot after use. Proper personnel safety gear is to be used when handling spent Oxygen Generators. Please refer to the furnace manual for precautions prior to using the Oxygen Generator Furnace. Please refer to the Oxygen Generator Safety Data Sheet (OCL-138 Candle, Chlorate, SDS) prior to using. Proper training for using the furnace and related products is necessary for safe and reliable oxygen delivery.

Warranty

O.C. Lugo Co., Inc. (Molecular Products, Inc.) will replace any material found to be defective, but accepts no liability through improper storage, handling or application of this product.

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