



M50-KLOX ABO Grade LOX Generator

A Commercial Off The Shelf (COTS) High-Purity Liquid Oxygen is available as Aviator Breathing Oxygen (ABO) grade LOX. Several liters per day can be decanted to Oxygen converters and flight-line dewars by opening the delivery valve. The COGS-KLOX system operates automatically and operates continuously for over a year with no maintenance or operator intervention.

A 30-liter vacuum insulated tank stores the daily production while a Touch Screen (HMI) and PLC controls provide for reliable and safe operation. Electronic pressure and level instruments ensure a safe and reliable operation. Upon a power loss, the liquefier will start automatically.

Specifications

Storage Capacity: 30 liters ASME VIII Dewar

Production: 9-12 liters per day

Purity: >99.999%

COGS Dimensions: 56^W x 790^D x 165^H cm

KLOX Dimensions: 56^W x 710^D x 187^H cm

Features

Controls: PLC and Touch Screen

Operation: One-button with Auto-Start

Controls: Fully Automatic

Monitoring: Remote PC via Internet

Warranty: One Year from Installation

Utilities

Cooling Method: Air or Water Cooling

Power for USA: 208 VAC, 1 ϕ for F model

Options

V.J. Transfer Line: 2.5 meter long

On-Site Installation: By KIC Service Engineers



Larger Production and Storage Capacity Models are Available as Standard Offerings

Many options and features are available to meet the customer's application and environmental conditions. Please consult with the KIC engineers regarding previous experience and custom designs. Specifications are nominal and subject to change. Contact KIC for the latest model availability.

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