

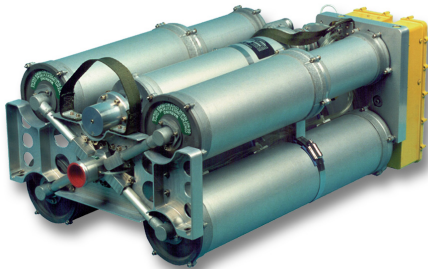
OC1129

Oxygen/Nitrogen Concentrator

P/N: 3261129

COBHAM

The most important thing we build is trust



The OC1129 oxygen/nitrogen concentrator performs the functions of two separate systems. First, it supplies oxygen-enriched air for aircrew breathing and second, it supplies inert gas to the fuel tanks to protect the aircraft from fuel tank explosion and fire.

Cobham's OC1129 incorporates a rapid-cycle pressure-swing-adsorption concept using molecular sieve filled beds to generate both oxygen and inert gas on board the aircraft.

By combining On-Board Oxygen Generating System (OBOGS) and On-Board Inert Gas

Generating System (OBIGGS) technology, Cobham provides a system with fewer parts, lower weight and higher reliability than separate units. This is accomplished with common processing of a single air supply.

Applications

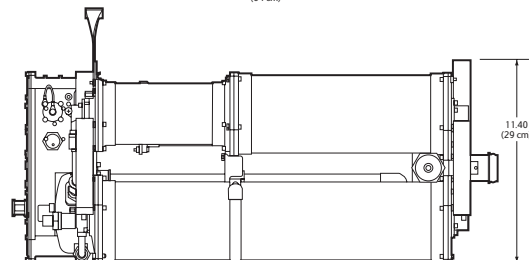
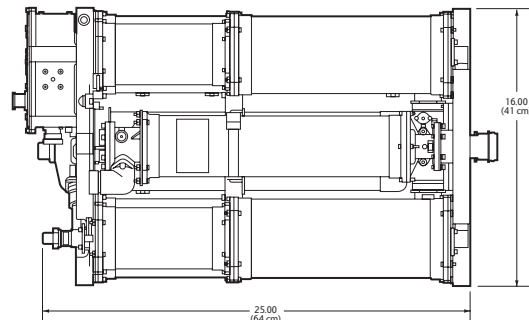
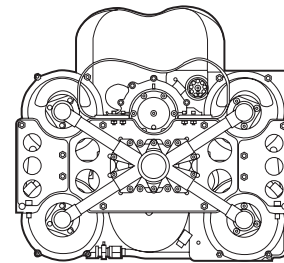
The OC1129 was originally designed for the V-22 Osprey Tilt-Rotor Aircraft.

Features

- Generates both oxygen and inert gas on board the aircraft
- Incorporates rapid-cycle pressure-swing-adsorption
- Combines the technology of OBOGS and OBIGGS systems
- Fewer parts, lower weight and higher reliability than separate units
- Built-in-test, Arinc 429-7 compatible, Fault isolation to 95% per MIL-STD 2084 and 1390

Specifications

Weight:	58.1 lbs (26.4 kg)
Dimensions:	16.0 x 11.4 x 25.0 in (41 x 29 x 64 cm)
Electrical power requirement:	28 VDC, 30 W
Air supply:	24 to 72 psi (165.5 to 496 kPa)



CAGE Code 99251

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