

OC1132

On-Board Oxygen Generating System

COBHAM

P/N: 3261132

The most important thing we build is trust



The OC1132 Oxygen Concentrator is a high performance On-Board Oxygen Generating System (OBOGS) Concentrator for single and dual seat aircraft. This high performance concentrator accommodates a wide range of applications including low inlet air pressures. An integral oxygen monitor/controller utilizes a current-limiting zirconia oxygen sensor that does not require a reference gas or periodic calibration. Comprehensive built-in-tests (BIT) provide self-testing of the oxygen monitor and eliminates the need for all organizational-level support equipment. A broad range of optional

electrical and pneumatic inputs and outputs are available.

Applications

This design is readily adaptable to meet all applications and is included on Brazilian ALX, Super Tucano, A-1M (AMX), Turbo DC-3, PC9, JPATS T-6A, and T-50 aircraft.

Features

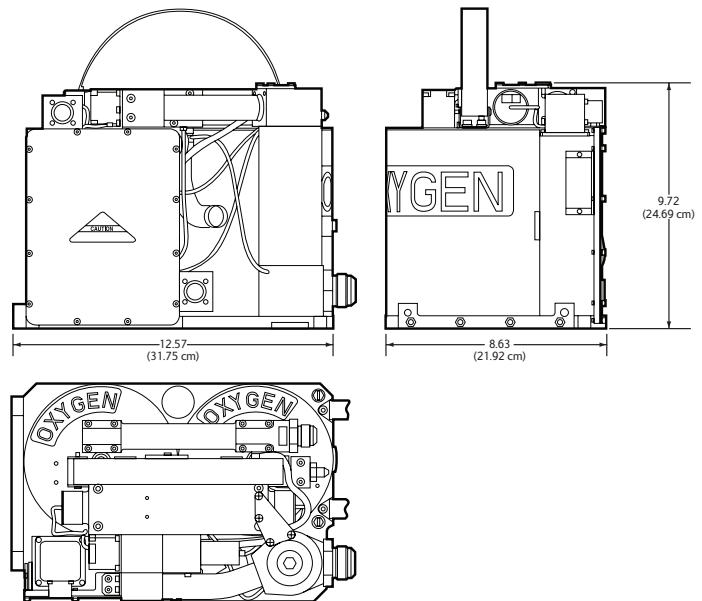
- Unlimited aviator grade oxygen supply
- Simplified fault isolation through built-in-test
- No "O-level" support equipment required
- Integral coalescent/particle filter
- Product for right or left exit
- Low life cycle costs

Specifications

Weight:	29.5 lbs (13.49 kg)
Dimensions:	12.57 x 8.63 x 9.72 in (31.75 x 21.92 x 24.69 cm)
Air supply:	6 to 180 psi
Air consumption:	1.5 lb/min (0.454 kg/min) depending on version
Performance:	44 lpm @ 10 psig, S.L. to 50 kft 120 lpm @ 20 psig, S.L. to 50 kft

Options

- Controlled oxygen concentration versus altitude
- Compatible with dilution and non-dilution breathing regulators
- Pin-and-socket mounting
- Wedge plate mounting compatible with MS90341 bracket
- Top or bottom replacement of the inlet coalescing filter
- Up to 10 electrical I/O's-over 20 functions available
- Up to 3 pneumatic I/O's-cabin, inlet and outlet



CAGE Code 99251

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