

NC1069

Air Separation Module GGU-11/A

P/N: 3261069-0204

COBHAM

The most important thing we build is trust



Operating as the "Heart" of the large scale OBIGGS fuel inerting system, Cobham's NC1069 Air Separation Module (ASM) was the first generation system originally designed for fuel tank inerting on the Boeing C-17 Globemaster III airlifter. The unit incorporates Cobham's proven molecular sieve pressure-swing-adsorption technology. Two ASMs are utilized per aircraft for inerting the C-17 fuel tanks under all flight profiles.

Inerting of aircraft fuel cells significantly increases aircraft survivability and crew member safety against ballistic threats up to and including 23mm HEI (High Explosive Incendiary) rounds and environmental threats such as lightning and static discharge.

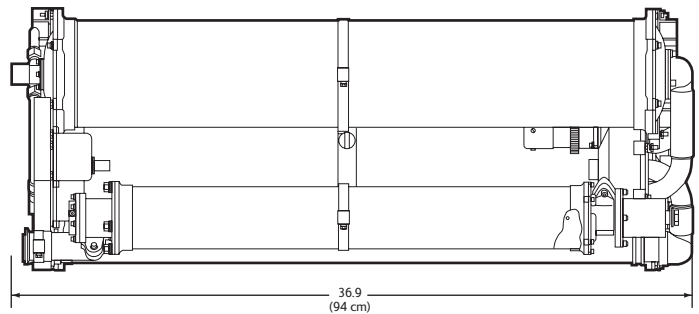
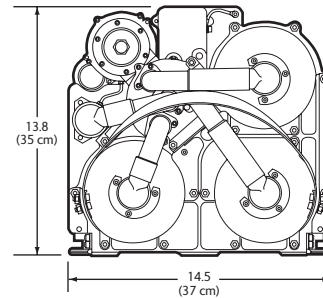
Features

- Integral inlet air filter
- Built-in fault diagnostics for failure detection and fault isolation
- Maintenance and life cycle costs are both significantly lower than other inerting alternatives
- Lighter in weight and utilizes less space than liquid nitrogen
- Compared to foam, assures increased usable fuel and easy access to fuel tanks by ground crews
- Minimal ground support equipment required

Specifications

Weight:	115 lbs (52.2 kg)
Dimensions:	13.8 x 14.5 x 36.9 in (35 x 37 x 94 cm)
Air consumption:	11.5 lb/min @ 56 psig at 35,000 ft
Electrical power requirement:	115 VAC / 400 Hz, 115 W 28 VDC, 30 W peak, 10 W nominal

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CAGE Code 99251

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