SNOWBIRD TECHNOLOGIES

REVOLUTIONIZING READINESS

MODEL: LCAC100-512-001C

LCAC 36K BTU/HR COMPOSITE ECU

Product Specifications

This unit is a fiberglass composite, horizontal, compact ECU that boasts a lightweight, single-unit design that provides filtered cooled and heated air for the Landing Craft, Air Cushion (LCAC) vehicles. Trusted by the Department of the Navy for use on their LCACs and ship-to-shore connector hovercrafts, this unit features an electric motor that allows for continuous operation under varying loads. This design is highly corrosion resistant with an epoxy coated composite case, Heresite coated aluminum internals, stainless steel hardware, and insulated and corrosion resistant coated refrigeration copper.

Nominal Heating Capacity:	24,000 BTU/hr with supplementary heaters at 60 Hz
Nominal Cooling Capacity:	36,000 BTU/hr at 60 Hz
Product Dimensions:	33.13”W x 31.75”L x 20.48”H
Product Net Weight:	Max 380-lbs
Power Requirements:	208 VAC, 3-phase, 60 Hz, 3-wire power

FEATURES

- Operating temperature ranges of -32°C to 26°C (-30°F to 80°F) and 12°C to 52°C (55°F to 125°F cooling).
- Two-stage heating provided. Stage one (low heat) 9,500 BTU/hr and stage two (high heat) 14,500 BTU/hr for a total of 24,000 BTU/hr.
- Handles for lifting.
- Provided with remote control panel. Connection for remote environmental control switch (COOL-VENT-HEAT) on the craft.
- R-134A Refrigerant.

AVAILABLE OPTIONS

- Test diagnostics measured by electronic metering constantly monitors temperature and pressure and provides fault detection and isolation.
- Electronic rush suppressor to reduce LRA at start up.
- Customer specified color in “carc” paint.
- Customer specific requirements can be accommodated by our design team.
- Prototypes and rapid production samples available upon request.

The appearance of U.S. Department of Defense (DoW) visual information does not imply or constitute DoW endorsement.