

Category:

Item Name: 60K BTU/HR Improved Environmental Control Unit (IECU)

NSN: 4120-01-543-0741

LIN:

Part Number (Model Number):



Description: The 60,000 BTU/h Improved Environmental Control Unit (IECU) establishes a new level of environmental control for tents, trailers, and fixed facilities. Using environment-friendly non-ozone depleting refrigerant, scroll compressor technology, and micro channel coils results in substantial weight reduction compared to existing designs.

Version: 60K BTU/h Improved Environmental Control Unit (IECU)

Dimension: 46"H x 42"W x 36"D

Weight: 552 lbs.

Capability: Ruggedized for military environments and due to its form, fit and function, it will be a replacement of MIL-STD ECUs. The IECU uses R-410A refrigerant, the commercial industry's standard and is fully operable up to 125 degrees Fahrenheit. Enhanced supportability through its organically commercially available components. Reduced power consumption and weight resulting to increased reliability over current MIL-STD ECUs

Electrical Power:

- Total Cooling Capacity (BTU/hr): 62,000
- Sensible Cooling Capacity (BTU/hr): 40,000
- Heating Capacity (BTU/hr): 33,935
- Max Power Consumption (kW): 10.6
- Power Factor: 0.98
- Current (A): 33.1
- Evaporator Airflow (SCFM): 1,804

Transportability:

Used By (Service): Navy

Other Characteristics:

- Soft Start Capability
- Soft start, limited inrush current
- NBC compatible and EMI protected
- Embedded diagnostics
- Automatic safety controls
- Remote control capability

- Operational Conditions
 - Refrigerant Charge (lbs): 6.7
 - Cooling (°F): 40 to 125
 - Heating (°F): -50 to 80

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: