

Category:

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

NSN: 4120-01-543-0741 (Block I)

LIN: B29108

Part Number (Model Number):

Description: The 60,000 Btu/hr Improved Environmental Control Unit (60K IECU) provides cooling, heating, and dehumidification to soldiers and materiel systems in combat, combat support (CS), and combat service support (CSS) units, while utilizing non-ozone-depleting substance as its refrigerant. Block II system upgrades will consist of a “best of breed” concept that incorporates the latest technologies in Electromagnetic Interference, Chemical Biological Radiological and Nuclear (CBRN) protection as well as energy efficiency and component upgrades over the legacy system.



Version:

Dimension: 42”W x 35”D x 46”H

Weight: 560 lbs

Capability: Block II will utilize environmentally friendly refrigerant and be tested for operation up to 135 degrees Fahrenheit, will be ruggedized for military environments, reduces power consumption, reduces weight, increases reliability and increases heat output. The 60K IECU Block II will be organically supportable and feature soft start, limited inrush current, embedded diagnostics, automatic safety controls, remote control capability, and is NBC and EMI protected.

Electrical Power: 15 kW Generator

Transportability: Traditional Modes

Used By (Service): Army

Other Characteristics: MTOE Item, Legacy Block I fieldings complete, Block II in development with fieldings targeted to begin FY21

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Supply and Two Level Maintenance, TM 9-4120-431-14