

ENHANCED ENVIRONMENTAL CONTROL UNIT, 1.5-TON, 18,000 BTU/hr

TAMCN: B00037B

I.D: 11080C

NSN: 4120-01-599-7691



Functional Description

The Enhanced Environmental Control Unit (E2CU), 1.5-Ton, 18,000 BTU/hr, is an electric motor driven shelter mounted E2CU capable of providing cooled, dehumidified, heated, and filtered air to a shelter or van. The 1.5-Ton E2CU is comprised of an electrical subsystem, a refrigeration subsystem and the structure, i.e., the cabinet and frame. The system is designed to provide 18,000 BTU/hr of cooling and 14,700 BTU/hr of heating. Low setting provides a minimum of 7,000 BTU/hr of heat.

Technical Description

Information

Manufacturer: HDT
 Model: GS1H93ZAANWFX11

Dimensions

Length (in): 28.0
 Width (in): 30.0
 Height (in): 20.0
 Weight (lbs): 230.0
 Square (ft²)/Cube (ft³): 5.8/9.7

Power

Input
 AC: 208 VAC, 50/60Hz
 Phase: 3-Phase

Environmental

Limitations

Wires (AWG): 4-Wire/12
 Connector (AMP): 20

Refrigerant: R-410A
 Max. Ambient Cooling (°F): 125.0
 Min. Ambient Cooling (°F): 45.0
 Min. Ambient Heating (°F): 25.0

<u>Environmental Ambient Condition</u>	<u>Current Draw (Amps/phase)</u>	<u>Power Draw (kW)</u>	<u>Capacity (BTU/hr)</u>
Cooling at 95°F:	10.7	3.833	20,900
Cooling at 125°F:	13.6	4.903	18,500
Heating:	13.8	4.956	14,300

Performance

Air Flow Cooling (SCFM): 600
 Air Flow Heating (SCFM): 470

Replaced TAMCNs: B00027B, B00127B, Air Conditioner.

Transportability: Transported with supported shelter or as secured cargo.

NOTE: Forklift support is required.