

ENVIRONMENTAL CONTROL UNIT, 3-TON, 36,000 BTU/hr

TAMCN: B00147B

I.D: 11082B

NSN: 4120-01-581-1276



Functional Description

The Environmental Control Unit (ECU), 3-Ton, 36,000 BTU/hr is a packaged system designed to provide conditioned air to a shelter or van. The 3-Ton ECU, with a built-in control box or remote controller, operates using 208 VAC, 3-phase 50/60 Hz power supplied by a generator or shore power. The cooling capacity is not less than 38,100 BTU/hr at 95°F or 34,100 BTU/hr at 125°F ambient outside temperature. The heating system is furnished with a 31,000 BTU/hr resistive type heater.

Technical Description

Information

Manufacturer: HDT
Model: GL0383ZAADWYX11

Power

Input

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

Wires (AWG): 4-Wire/8
Connector (AMP): 30

<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:	16.0	5.765	38,099
Cooling at 125°F:	19.6	7.038	34,100
Cooling at 130°F:	22.1	7.696	32,128
Heating:	28.7	10.371	31,000

Dimensions

Length (in): 47.6
Width (in): 37.0
Height (in): 42.4
Weight (lbs): 472.0
Square (ft²)/Cube (ft³): 12.2/43.3

Environmental Limitations

Refrigerant: R407C
Max. Ambient Cooling (°F): 125.0
Min. Ambient Cooling (°F): 50.0
Min. Ambient Heating (°F): -25.0

Performance

Air Flow (CFM): 1,325

Replaced TAMCNs: B0014, ECU 3-TON, 36,000 BTU, R-22, NSN: 4120-01-526-2397; B0006, Air Conditioner, NSN: 4120-01-244-6385; B0012, Air Conditioner, NSN: 4120-01-495-9488; B2004, Skid Assembly, Air Conditioner, NSN: 4120-00-327-5035; B2006, Skid Assembly, Air Conditioner, NSN: 4120-00-575-7200.

Transportability: Treat as cargo.

NOTE: Forklift support is required.