

AIR CONDITIONER, 1.5-TON, 18,000 BTU/hr



TAMCN: B0003

ID: 11080B

NSN: 4120-01-581-0399

Functional Description

The Air Conditioner, 1.5-Ton, 18,000 BTU/hr, is an electric motor driven ECU. These units are capable of providing cooled, dehumidified, heated, and filtered air to a shelter or van. The 1.5-Ton ECU is comprised of an electrical subsystem, a refrigeration subsystem and the structure, i.e., the cabinet and frame. The electrical subsystem is designed to accept 208 VAC, 3 phase, 50/60 Hz input power. The 1.5-Ton ECU weighs approximately 245 pounds and is capable of providing 18,000 BTU/hr of cooling and 13,400 BTU/hr of heating. Low setting provides a minimum of 7,000 BTU/hr of heat.

Technical Description

Unit

Manufacturer: HDT Nordic Air, Inc.
Model: GS1H83ZAANWY001

Power Req.

Frequency (Hz): 60
Voltage (Volts): 208
Phase: 3
Wires: 4-Wire
Max Power Consumption: 3kW/5kW

Capacity

Cooling (BTU/hr): 18,000
Heating (BTU/hr): 7,000/13,400
CFM: 370/600
Duct Size: N/A

Dimensions

Depth (in): 28
Width (in): 30
Height (in): 20
Weight (lb): 245
Volume (ft³): 9.7
Horizontal/Vertical: Horizontal

Capacity

Refrigerant: R-22 or R407C
Max. Ambient Temperature: 125°F
Min. Ambient Cooling: 50°F
Min. Ambient Heating: -25°F

Alternate Model TAMCN: B0003, ID: 11080A, NSN: 4120-01-526-1588

Replaced Items B0002 and B0012

Transportability Transported with supported shelter.