

SHC35 SPACE HEATER

35,000 BTU/H Self-Powered Space Heater



The HDT SHC35 is a self-powered, liquid fuel burning, forced air heater. A thermoelectric generator supplies power for combustion and air handling. Built for optimum efficiency and reliability in strategic field operations, the SHC35 is designed to deliver 300 cfm (509 m³/h) clean, heated air to personnel shelters.

This versatile unit can burn a full range of liquid fuels (DF1, DF2, DFA, JP5, and JP8) for maximum flexibility and control of critical resources.

The nominal size and weight of this unit provide ease of transportation and setup. The unit can be set up by two people to facilitate rapid deployment under even the most extreme conditions. The unit is designed for simplicity of operation and minimal maintenance to augment primary mission capability.

The SHC35 can be readily set up outside the tent using the air ducts provided. An axial fan circulates heated air, and remote controls make it easy to monitor, start, stop and adjust the temperature to ensure a consistent comfort level.

Overall, the SHC35 proves to be the most reliable, flexible and efficient convective heater for extreme conditions. Please contact HDT for more information about the SHC35 or ask how HDT can provide a tailored solution for unique mission requirements.

Designed for cold weather space heating of command posts or tent heating.

KEY FEATURES

- Self powered, no external power source required
- Set up outside the tent to maximize internal space
- Remote thermostat for temperature control
- High-temperature shutoff protection
- Operates down to -60°F (-51.1°C)
- Lightweight, man portable
- Operates to an altitude of 10,000 ft (3048 m)
- Qualified to MIL-STD-810
- Routine maintenance spare parts included

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SPECIFICATIONS

Ordering information

HDT Part Number	106850-PKD
NSN	4520-01-431-8927

Rating	28,000 – 35,000 BTU/H 8.2 – 10.3 kW
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Air flow	300 cfm 509 m ³ /h
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Fuel

Tank Capacity	Standard military five-gallon fuel tank serves as an external tank
Requirements	DF1, DF2, DFA, JP8, JP5 (Do not use gasoline or JP4)
Consumption	0.30 gallons per hour 1.14 liters per hour

Power

Requirements	Self-powered, no external power required
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Dimensions (L x W x H)	40.5" x 14.25" x 18.37" 102.87 x 36.19 x 46.66 cm
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Weight

Nominal	65 lbs 29.5 kg
With Accessories	74 lbs 33.6 kg

Accessories

Included	Accessories storage bag, battery charger adapter, fuel can stand, remote control and cable, air ducts (qty. 2), gravity feed adapter, fuel hose, debris grill (qty. 2), technical manual
Available	NATO charging system (NSN: 4520-01-533-0607), heavy-duty transport bag (NSN: 8145-01-547-2636), battery charging stand (PN 301-H003005)

Products, product specifications and data are subject to change without notice to improve reliability, function, and/or design. Please contact Customer Service at 800.969.8527 for the most up-to-date product information.