

MTH200 TENT HEATER

180,000 BTU/H, Portable, Multi-Fuel Heater

HDT[®]
GLOBAL



This versatile heater is ideal for heating a wide variety of military tent systems. The MTH200 provides 180,000 BTU/H (52.7 kW) of clean heated air from outside your tent or enclosure.

The MTH200 has unparalleled heat control keeping the temperature in your shelter within 1.5°F (0.8°C) of the setting, providing maximum comfort in extreme climates. The MTH200 can also turn down its output so it can be used on just about any shelter and not overheat your shelter in moderate climates. This temperature control results in about 25% fuel saving by putting the correct amount of heat in your shelter.

The HDT MTH200 is a 110 VAC powered, liquid fuel burning, and ducted heater. Built for optimum efficiency and reliability in strategic field operations, the MTH200 is designed to deliver 1400 CFM @ 0.6 IWC (2378.6 m³/h @ 0.15 kPa) clean, heated air to personnel shelters. This versatile unit can burn a full range of liquid fuels (DF1, DF2, DFA, K-1, 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 MTH200 can be readily set up outside the tent using the air ducts provided. An axial fan circulates heated air, and tent controls make it easy to monitor, start, stop and adjust the temperature to ensure a consistent comfort level.

Overall, the MTH200 proves to be the most reliable, flexible and efficient convective heater for extreme conditions.

KEY FEATURES

- Single switch start up with fully automatic safety and temperature controls, remote thermostat and controls for operation from inside shelter
- Lightweight
- Controls temperature within 1.5°F (0.8°C) of the setting
- Forklift compatible with hand holds for ease of moving, lifting and positioning
- Stackable up to 3 units high for transport and storage
- 200,000 BTU/H (58.6 kW) range with ability to significantly reduce output for heating small shelters
- Operates on diesel, kerosene and JP8 fuels
- Internal fuel tank provides 12.3 hours of continuous operation (average), also capable of operation on external fuel supply
- Protective enclosure designed to withstand extreme environmental and field conditions including operation in CBRN environments
- Compatible with standard CBRN interface kits (co-axial ducts, Y cable, CBRN collar, FFA400, etc)
- Will operate at 12,000' (365.8 m) above sea level without degradation of heat output or adjustments

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MTH200 SPECIFICATIONS

Ordering information

Available colors

Green

HDT Part Number 15543-GRN-PKD

NSN N/A

GSA X

Tan

HDT Part Number 15543-TAN-PKD

NSN N/A

GSA X

Heat output

Max 180,000 BTU/H 52.7 kW

Efficiency 80%

Air flow 1400 CFM @ 0.6 IWC 2378.6 m³/h @ 0.15 kPa

Fuel

Tank capacity 20 gallons 75.7 liters

Requirements DF1, DF2, DFA, K-1, JP5 and JP8

Consumption

Average 1.62 gallons per hour 6.12 liters per hour

Operating time (average) 12.3 hrs using internal fuel tank

External fuel Internal/external tank selector, external fuel hose 5/16 JIC

Power

Requirements 110 VAC, 60 Hz

Usage 15 Amp

Dimensions (L x W x H) 58" x 23" x 28" 147.3 x 58.4 x 71.1 cm

Weight

Dry weight 272 lbs 123.4 kg

With accessories 313 lbs 142 kg

Operating environment

Low temp operation -60°F -51°C

High altitude 12,000' (365.8 m) above sea level with no degradation of heat output

CBRN Operational with 2x 1428 CBRN kit and FFA400-326 compatible

Accessories

Included Remote control, stack, ducts (qty. 2), external fuel hose, power cable, quick start instructions, nozzle/electrode gauge, CO detector, technical manual, spare flame sensor, spare fuel filter with gasket, accessories storage bag

Available 16" (40.6 cm) "Y" adapter, NBC adapter kit (P/N 54523-TAN)

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