

IASH II TENT HEATER

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



The HDT IASH II is a versatile heater that is ideal for heating a wide variety of military tent systems. It provides 180,000 BTU/H (52.7 kW) of clean, heated air from outside your tent or enclosure. The IASH II has unparalleled heat control keeping the interior shelter temperature within 1.5°F (0.8°C) of the setting providing maximum comfort in extreme climates. Also the heater's variable output means it can be used on shelters of just about any size.

The IASH II is a 110 VAC powered, liquid fuel burning, and ducted heater. Built for optimum efficiency and reliability in strategic field operations, the IASH II is designed to deliver 1400 CFM @ 0.6 IWC (2378.6 m³/h @ 0.15 kPa) clean, heated air to personnel shelters. This 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 unit is designed for simplicity of operation and minimal maintenance to augment primary mission capability. The IASH II can be deployed rapidly and the nominal size and weight provide ease of transportation and setup. The IASH II sets up readily with the provided air ducts. 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.

KEY FEATURES

- Available in the Army procurement system as MTOE Class II, NSN 4520-01-646-3010
- 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
- Up to three units can be stacked and locked for transport and storage
- 180,000 BTU/H (58.6 kW) range with ability to significantly reduce output for heating small shelters
- Operates on DF1, DF2, DFA, K-1, JP5 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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Ordering information

Available colors

Green		
HDT part number	302-H007548-032	
NSN	4520-01-646-3010	
HDT Commercial part number (MTH200)	15543-GRN-PKD	
Tan		
HDT part number	302-H007548-031	
NSN	N/A	
HDT Commercial part number (MTH200)	15543-TAN-PKD	

Heat output

Maximum	180,000 BTU/H	52.7 kW
Minimum	10,000 BTU/H	2.93 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 JP	
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	12,000' (365.8 m) above sea level with no degradation of heat output
High altitude	Operational with 2x 1428 CBRN kit and FFA400-326 compatible
CBRN	Remote control, stack, ducts (qty. 2), external fuel hose, power cable, quick start instructions, electrode adjusting tool, CO detector, manual, spare flame sensor, spare fuel filter with gasket, accessories storage bag

Accessories

Included	Remote control, stack, ducts (qty. 2), external fuel hose, power cable, quick start instructions, electrode adjusting tool, CO detector, 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)

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.

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NON-EXPORT CONTROLLED INFORMATION

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