

# LARGE-CAPACITY FIELD HEATER (LCFH)

400,000 BTU/H Self-Powered Space Heater



The HDT LCFH, a large capacity portable heater, provides one of the safest, most reliable sources of powered outdoor heat. The LCFH heater uses diesel engine power and burns all grades of diesel fuels, including JP8, from either its integral, large-capacity fuel tank or from an external fuel supply. The system features a wheel kit for easy, one person movement and all standard accessories, including technical manual, a remote control thermostat, a remote fuel hose and an exhaust stack, can all be stored within the unit for easy transport and storage. The LCFH also includes two 15' (4.6 m) fully insulated ducts.

The LCFH heater has a powerful fan system that delivers clean heat to your tent or duct system. Air ducts attached to both the input and output air supply allow the heater to operate in 100 percent recirculation mode, and a fresh air damper allows make-up air to be drawn into the system. The heater can be started unassisted at temperatures as low as -40°F (-40°C). A NATO connector is provided to assist the heater in ambient temperatures as low as -60°F (-51.1°C).

Please contact HDT for more information about the LCFH or ask how HDT can provide a tailored solution for unique mission requirements.

## KEY FEATURES

- Self powered, no external power source required
- Remote thermostat for temperature control
- Carbon monoxide detectors
- High temperature shut off protection
- Self-diagnostic, built-in test equipment
- Operates down to -60°F (-51.1°C)
- Qualified to MIL-STD-810
- 25' (7.62 m) remote control
- On board fuel tank with external fuel capability

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## LARGE-CAPACITY FIELD HEATER (LCFH) SPECIFICATIONS

### Ordering information

HDT part number	41000
National Stock Number	4520-01-559-8737
GSA	62-MTH400SP

<b>Rating</b>	400,000 BTU/H	117.2 kW
<b>Rated air flow</b>	2100 cfm	3568 m <sup>3</sup> /hr

### Fuel

Fuel requirements	DF1, DF2, DFA or JP8	
Fuel consumption		
High	3.72 GPH	14.1 LPH
Vent only	0.2 GPH	0.76 LPH
Fuel tank capacity	33 gallons	125 liters

### Power

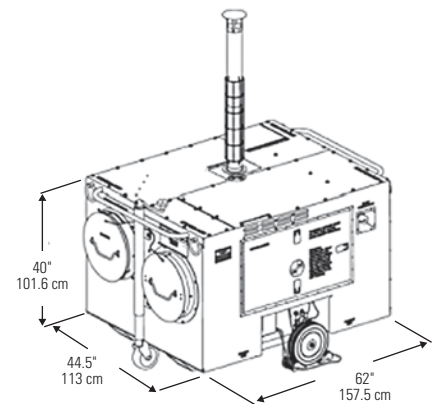
Power requirements	Self-powered, diesel engine
External power	NATO connector

### Physical characteristics

L x W x H	62" x 44.5" x 40"	157.5 x 113 x 101.6 cm
Weight (dry weight)	622 lbs	282 kg

### Accessories

Included	Remote control thermostat	
	Exhaust stack	
	2 ea. 16" x 15' insulated ducts	2 ea. 40.64 cm x 4.57 m insulated ducts
	25' external fuel hose	7.62 m external fuel hose
	Technical manual	



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