

# HDT D-1000B HEATER

99,500 BTU/H Multi-Fuel Heater



The D-1000B Heater is rugged, lightweight, rust resistant, shockproof and easy to operate and maintain, providing 99,500 BTU/H of dry, clean heat at a rate of 880 CFM (1495 m<sup>3</sup>/h). The heater includes an electronic control system that monitors for high heat conditions and flameout, and operates on an external input of 120 VAC / 60 Hz or 230 VAC / 50 Hz, single-phase power.

## KEY FEATURES

- Full safety protection devices, including a safety shut off switch that shuts off upon detecting 100 ppms of carbon monoxide content
- Operates for 12 consecutive hours without refilling the fuel tank
- Can run at temperatures as low as -50°F (-45.6°C)\*
- Pre-heated fuel filter bowl allows the heater used in extreme low ambient temperature
- Compact and mobile, indirect fuel fired air heater
- Heated Air is separated and independent from combusted air
- Adjustable fresh air make-up inlet window constantly delivers fresh air with oxygen to the tent
- Stainless steel combustion chamber and rugged, two piece molded polyethylene outer body (lower and upper)
- Control Panel is designed to operate in environmental extremes
- Thermostat and CO sensor combo unit inside of tent, extra comfort and safety features built-in complete in the whole system
- Heaters are stackable for maximum storage efficiency
- Designed for simple field maneuverability (wheels and equipped with snow slide)
- Designed with handles for easy four man lift
- CSA B140.0-03 and B140.8-1967 Certified, UL 733 Compliant
- European voltage model available



\* Independently tested at the U.S. Army Facility at Picatinny Arsenal, NJ. Note: Arctic Fuel Blend required for temperatures below fuel gel point.

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## D-1000B HEATER SPECIFICATIONS

Ordering information	US	EU
Olive Drab		
Part number	1002814	1007702
NSN	8340-01-467-9165	N/A
On GSA Contract	N/A	N/A
Tan		
Part number	304-H013188	304-H013189
NSN	N/A	N/A
On GSA Contract	N/A	N/A
<b>Heat output</b>	99,500 BTU/H 29.2 kW	95,670 BTU/H 28 kW
<b>Air flow</b>	1,020 CFM @0.5" W.C. 1,732 m <sup>3</sup> h	677 CFM 1,150 m <sup>3</sup> h
<b>Fuel</b>		
Tank capacity	10.8 gallons 41 liters	10.8 gallons 41 liters
Requirements	DF1, DF2, JP5, JP8 and Kerosene	DF1, DF2, JP5, JP8 and Kerosene
Consumption	0.81 gallons per hour 3.07 liters per hour	0.81 gallons per hour 3.07 liters per hour
Usage	12 hrs per tank	12 hrs per tank
<b>Power</b>		
Requirements	120 VAC / 60 Hz, Single Phase	230 VAC / 50 Hz, Single Phase
Usage	4.1 Amps @ 120V, 440W	1.8 Amps @ 230V, 370W
<b>Physical characteristics</b>		
L x W x H	53.2" x 23.8" x 32.3" 135.1 x 60.5 x 82 cm	53.2" x 23.8" x 32.3" 135.1 x 60.5 x 82 cm
Weight (dry weight)	165 lbs 74.8 kg	165 lbs 74.8 kg
Weight of ducts	27 lbs each 12.2 kg each	27 lbs each 12.2 kg each
<b>Accessories (included)</b>	Exhaust stack, two (2) heater ducts (supply and return); 12" (30.5 cm) x 15' (4.5 m), transport bags for ducts, remote control thermostat and CO (carbon monoxide) detector with a 26' (7.9 m) cord, accessories bag, operational and maintenance manual	

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