

GH-100 (US AIR FORCE HDU-13/M)

Explosion-Proof Electric-Powered Portable Heater



The HDT GH-100 heater is a duct-type, electrically-powered, ground-portable heater for use in fuel vapor-laden atmospheres. It produces a heated, pressurized air stream to ventilate and dry fuel cells and other types of fuel containers.

The explosion-proof GH-100 is relied on by those who work in environments near highly-combustible or volatile liquids or vapor gases. It provides heat and ventilation for such tasks as purging aircraft fuel cells and tanks or curing epoxy during crack repairs.

The GH-100 is mounted on a four-wheel steerable trailer and is easily positioned near aircraft.

KEY FEATURES

- Proven safe for operation in areas classified as hazardous because of potential fuel vapors
- Removes residual fuel and vapors from fuel tanks and vessels
- Provides warm air without lowering humidity to provide greater comfort in cold environments
- Certified and used on the JSF program to support the F-35 aircraft
- Manufactured with components dual marked Class 1, Division 1 and ATEX
- The Unit is CE and ATEX Zone 1 certified for use in Europe
- The Duct is CE and ATEX Zone 0 certified for use in Europe
- Replacement for USAF HDU-13/M*

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SPECIFICATIONS

HDT part number	74000-15
NSN	4520-01-710-4507

Heat output¹	85,542 (@380V) 136,485 (@480V)
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Air distribution²	Four flexible, grounded, insulated ducts
Extended / stored length ³	15" / 38" 4.57 m / 100 cm"

Diameter	8" 20.3 cm
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Volume control	Manual damper in air inlet duct housing
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Discharge air temperature	Operator Adjustable from Ambient to 200F
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Motor speed	3,500 RPM (60 Hz) or 2,475 RPM (50 Hz)
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Duty cycle	Continuous
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Operating Temperature⁵	-60°F to 125°F (-50°C to +52°C)
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Power	380-480V~, 3Ø, 50/60 Hz
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Input power cable length	50' 15.24 m
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Power input connector	Pigtails
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Physical characteristics

L x W x H	70" x 42" x 48" 177.8 x 106.7 x 121.9 cm
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Min. ground clearance	8" 20.3 cm
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Min. inside cramping angle	40 degrees
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Weight	1,685 lbs 764.3 kg
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Max. towable speed	20 mph 32 kph
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Tiedown provisions	4 rings
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Brakes⁴	Mechanical parking brake
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Sound level	84 dBA
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1 Measured

4 Rear wheels only

2 Additional ducts can be ordered

5 60% ethylene glycol / 40% water

3 Each duct

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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