

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 N/A

On GSA Contract N/A

Heat output¹ 85,542 (@380V)
136,485 (@480V)

Air distribution² Four flexible, grounded, insulated ducts

Extended / stored length³ 15" / 38"
4.57 m / 100 cm"

Diameter 8"
20.3 cm

Volume control Manual damper in air inlet duct housing

Discharge air temperature Operator Adjustable from Ambient to 200F

Motor speed 3,500 RPM (60 Hz) or
2,475 RPM (50 Hz)

Duty cycle Continuous

Operating Temperature⁵ -60°F to 125°F (-50°C to +52°C)

Power 380-480V~, 3Ø, 50/60 Hz

Input power cable length 50'
15.24 m

Power input connector Pigtailed

Physical characteristics

L x W x H 70" x 42" x 48"
177.8 x 106.7 x 121.9 cm

Min. ground clearance 8"
20.3 cm

Min. inside cramping angle 40 degrees

Weight 1,620 lbs
735 kg

Max. towable speed 20 mph
32 kph

Tiedown provisions 4 rings

Brakes⁴ Mechanical parking brake

Sound level 84 dBA

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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