

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

Explosion-Proof Electric-Powered Portable Heater

HDT
GLOBAL



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 the only approved USAF HDU-13/M product and 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
- Meets Class 1, Division 1 and ATEX Zone 1 requirements for use in the US and Europe
- CE certified for use in Europe

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

Explosion-Proof Electric-Powered Portable Heater



Ordering information	GH-100-CE
HDT part number	74000-13
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 length ³	15" / 38" 4.57 m / 100 cm"
Diameter	8" 20.3 cm
Volume control	Manual damper in air inlet duct housing
Discharge air temperature	Automatic Control
Motor speed	3,500 RPM (60 Hz) or 2,475 RPM (50 Hz)
Duty cycle	Continuous
Heater transfer fluid capacity⁵	9.5 gallons 36 liters
Power	380-480V~, 3Ø, 50/60 Hz
Input power cable length	50' 15.24 m
Power input connector	Pigtails
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.

HDT Expeditionary Systems, Inc.

30500 Aurora Road, Suite 100

Solon, OH 44139 USA

P 800.969.8527 / 540.887.4700

sales@hdtglobal.com

This item and the technical data directly related to this item are subject to the Export Administration Regulations (EAR), 15 CFR 730-744 of the United States of America.

Revision 2 07-19 01-04-01-0383