



HI 900DGM **Indirect Fired Air Heaters**

HI 900DGM Mobile Indirect Fired Air Heaters

The most versatile, robust indirect fired air heaters producing clean, moisture free air for various heating and drying applications. Easy set-up and simple operation make these units extremely user friendly. Boasting up to 878,000 Btu/hr. and up to 6,450 cubic feet per minute, the HI 900DGM can operate on diesel, natural gas or propane for maximum job site convenience. These self-contained models feature an on-board 7 kW liquid-cooled generator. All models are CSA certified.

- Indirect fired air heaters produce clean, dry, healthy heat offering an ideal environment for a variety of construction, residential and restoration applications without the use of an open flame, combustion carbons or water.
- Industry leading for heat delivery in its class, boasting 900,000 Btu/hr and up to 6,450 cubic feet per minute, the HI 900DGM also features a static pressure gauge, helping maximize heat delivery and avoid output air restrictions.
- The HI 900DGM features a liquid-cooled 7kW Kubota generator for off-grid use as well as a durable stainless steel heat exchanger that comes standard with a 3 year warranty.
- The unique Recircul-Air design allows adjustable recirculation of warm inside air, while pressurizing with fresh air, resulting in fuel savings and even temperatures.
- Trailers come fully equipped with choice of surge or electric brakes.

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Technical specifications

HI 900DGM

Dimensions

L x W x H Overall	197 x 61 x 100.5 in
L x W x H Shipping	197 x 61 x 100.5 in
Weight without Fuel	4,092 lb
Operating weight with Fuel	4,925 lb

Operating data

Diameter Flue	8 in
Diameter Air Outlets (qty 2)	20 in
Diameter Air Outlets (qty 2)	16 in
Diameter Air Outlets (qty 4)	12 in
Diameter Air Inlet (qty 2)	20 in
Heating power Heat Input	878,000 BTU/h
Heat efficiency	83 %
Operating temperature Air Temperature Rise	108 ° F
Capacity Sizing Air Heat	1,214,500 ft ³
Capacity Drying Size	432,230 ft ³
Fuel consumption Burner	6.1 US gal/h
Operating performance Burner	0.25 hp
at rpm Burner	3,450 rpm
Tank capacity Burner Fuel	103 US gal
Runtime Burner (100%)	16.9 h
Runtime Burner (75%)	22.5 h
Engine / Motor type Blower	Centrifugal
Power Blower	5 hp
RPM / speed Blower	3,450 rpm
Air flow	6,447 CFM
Static Pressure W.C.	2 W.C. (inch)
Length 2 x 20in Supply ft	200 ft



Length 2 x 16in Supply ft	100 ft
Length 4 x 12in Supply ft	100 ft
Length 2 x 20in Return ft	50 ft

Electrical system

Engine / Motor type Generator	Sawafuji
Engine performance Generator	9.4 kW
RPM / speed Generator	3,600 rpm
Frequency Generator	60 Hz
Voltage Generator	120 V
Current Service	27.1 A
Current Max.	54.2 A
Receptacles 20 Amp	5-20R
Receptacles 30 Amp	2 x L5 , 1 x L6

Engine / Motor

Engine / Motor type	Z482
Engine / Motor Manufacturer	Kubota
Engine performance Engine @ 1800 rpm	10.9 hp
Displacement	29.2 in ³
at rpm	3,600 rpm
Fuel type	Diesel
Fuel consumption Useable Fuel	0.69 US gal/h
Runtime w/Genset (100%)	15.2 h

Information on suitable accessories can be found on our website.

The right to make changes is reserved in the interests of ongoing further developments. You can find more information on the engine power in the operator's manual. The actual power output figures may vary due to specific operating conditions.

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