

HI900DGM

Indirect Fired Air Heaters



HI900DGM 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 HI900DGM 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 HI900DGM also features a static pressure gauge, helping maximize heat delivery and avoid output air restrictions.
- The HI900DGM 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.



Technical specifications

HI 900DGM

L x W x H Shipping 197 x 61 x 100.5 in Ux W x H Shipping 197 x 61 x 100.5 in Weight without Fuel 4,092 lb Operating weight with Fuel 4,925 lb Opperating data 8 in Diameter File 8 in Diameter Air Outlets (qty 2) 20 in Diameter Air Outlets (qty 2) 6 in Diameter Air Inlet (qty 2) 6 in Beating power Heat Input 8 78,000 BTU/h Heat efficiency 8 in Opporating temperature Air Temperature Rise 8 in Opporating temperature Air Temperature Rise 18 in Capacity Dying Size 432,230 ft* Fuel consumption Burner 6 1,124,500 ft* Gepacity Dying Size 432,230 ft* Fuel consumption Burner 6 1,025 ft* Fuel consumption Burner 6 1,025 ft* English performance Burner 9 2,55 ft* Tank capacity Burner Fuel 1,34 50 rt* Burniume Burner (75%) 2,5 ft* Engline / Motor Type Blower 6 1,47 CFM Bruntime Burner (75%) 2,5 ft* Bruntime B	Dimensions	
Weight without Fuel 4,982 lb Operating weight with Fuel 4,925 lb Operating data 8 ln Diameter Flue 8 ln Diameter Air Outlets (qty 2) 20 ln Diameter Air Outlets (qty 2) 16 in Diameter Air Outlets (qty 4) 22 in Diameter Air Inelt (qty 2) 20 in Heat efficiency 83 % Operating temperature Air Temperature Rise 108 °F Capacity Skring Air Heat 1,214,500 fts Capacity Drying Size 432,230 fts Fuel consumption Burner 6.1 US gal/h Operating performance Burner 3,450 rpm 1 rpm Burner 103 US gal Runtime Burner (100%) 16.9 h Runtime Burner (100%) 16.9 h Runtime Burner (75%) 22.5 h Engine / Motor type Blower Centrifugal Power Blower 5 hp RVM / speed Blower 3,450 rpm Air flow 6,447 CFM Air flow 6,447 CFM Length 2 x 20in Supply ft 200 ft Length 2 x 20in Supply	L x W x H Overall	197 x 61 x 100.5 in
Operating weight with Fuel 4,925 lb Operating data Bin Diameter Flue 8 in Diameter Air Outlets (qty 2) 20 in Diameter Air Outlets (qty 4) 12 in Diameter Air Fullet (qty 2) 20 in Heating power Heat Input 878,000 BTU/h Heat efficiency 878,000 BTU/h Operating temperature Air Temperature Rise 108 °F Capacity Sizing Air Heat 1,214,500 fts Capacity Diying Size 432,230 fts 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 5 hp Power Blower 5 hp Air flow 6,447 CPM Static Pressure W.C. 2 W.C. (inch) Length 2 x 20in Supply ft 200 ft Length 2 x 20in Return ft 50 ft Length 2 x 20in Return ft 50 ft	L x W x H Shipping	197 x 61 x 100.5 in
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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 ft³ Capacity Drying Size 432,230 ft³ 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 50 ft	Diameter Air Outlets (qty 4)	12 in
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Capacity Drying Size 432,230 ft³ 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 Buntime 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 4 x 12in Supply ft 100 ft Length 2 x 20in Return ft 50 ft Electrical system	Operating temperature Air Temperature Rise	108°F
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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 4 x 12in Supply ft 100 ft Length 2 x 20in Return ft 50 ft Electrical system	Capacity Drying Size	432,230 ft ³
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 4 x 12in Supply ft 100 ft Length 2 x 20in Return ft 50 ft Electrical system	Fuel consumption Burner	6.1 US gal/h
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 4 x 12in Supply ft 100 ft Length 2 x 20in Return ft 50 ft Electrical system	Operating performance Burner	0.25 hp
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 4 x 12in Supply ft 100 ft Length 2 x 20in Return ft 50 ft Electrical system	at rpm Burner	3,450 rpm
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 2 x 20in Return ft 50 ft Electrical system 50 ft	Tank capacity Burner Fuel	103 US gal
Engine / Motor type BlowerCentrifugalPower Blower5 hpRPM / speed Blower3,450 rpmAir flow6,447 CFMStatic Pressure W.C.2 W.C. (inch)Length 2 x 20in Supply ft200 ftLength 2 x 16in Supply ft100 ftLength 4 x 12in Supply ft100 ftLength 2 x 20in Return ft50 ftElectrical system	Runtime Burner (100%)	16.9 h
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 50 ft Electrical system 50 ft	Runtime Burner (75%)	22.5 h
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 50 ft Electrical system 50 ft	Engine / Motor type Blower	Centrifugal
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 50 ft Electrical system 50 ft	Power Blower	5 hp
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 50 ft	RPM / speed Blower	3,450 rpm
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	Air flow	6,447 CFM
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	Static Pressure W.C.	2 W.C. (inch)
Length 4 x 12in Supply ft Length 2 x 20in Return ft Electrical system	Length 2 x 20in Supply ft	200 ft
Length 2 x 20in Return ft 50 ft Electrical system	Length 2 x 16in Supply ft	100 ft
Electrical system	Length 4 x 12in Supply ft	100 ft
	Length 2 x 20in Return ft	50 ft
Engine / Motor type Generator Sawafuji	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

Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.

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