



HI 770XHD

Indirect Fired Air Heaters



The HI 770XHD is designed for extreme environments

The HI 770XHD extra heavy duty indirect fired air heaters are designed to run 24/7 in extreme environments down to -60 °F. The environmentally friendly Triple Threat spill containment feature assures no diesel fuel, engine oil or coolant will contaminate the site and our optional gas detection system will safely shut down the heater in the presence of hydrocarbons. Machines are CSA certified.

- The DURA-GEN extended run technology offered on the HI 770XHD, minimizes oil changes to every 3000 hours (125 days).
- The durable heat exchanger is made from 100% 309 stainless steel and comes standard with a 5-year warranty.
- Unique Recircul-Air design allows adjustable recirculation of warm inside air, resulting in huge fuel savings and even temperatures.
- Side access door provides superior performance in windy conditions and is lockable for added security. Heavy duty fork pockets designed for easy load and unload for greater jobsite mobility.
- Optional Combustible Gas Detection System is offered for improved jobsite safety in potentially volatile environments, shutting down the heater in the presence of hydrocarbon vapors.

North Slope (NS) model includes heavy duty storage rack, adjustable pintle hitch, surge brakes, 10 kW genset, recessed fuel fill and (2) 20 Amp, 208V twist lock convenience plugs.

**Technical specifications**

	HI 770XHD	HI 770XHD NS
Dimensions		
L x W x H Overall in	187 x 94 x 88	215.5 x 103.5 x 88
L x W x H Shipping in	187 x 94 x 88	215.5 x 101.5 x 88
Weight without Fuel lb	5,700	5,783
Operating weight with Fuel lb	7,543	7,586
Ground clearance in	13	13
Operating data		
Diameter Flue in	9	9
Diameter Air Outlets (qty 1) in	20	20
Diameter Air Outlets (qty 1) in	16	16
Diameter Air Outlets (qty 2) in	12	12
Diameter Air Inlet (qty 1) in	20	20
Heating power Heat Input BTU/h	770,000	770,000
Heat efficiency %	75	75
Operating temperature Air Temperature Rise ° F	240	240
Capacity Sizing Air Heat ft ³	962,500	962,500
Capacity Drying Size ft ³	342,527	642,527
Fuel consumption Burner US gal/h	5.5	5.5
Operating performance Burner hp	0.25	0.25
at rpm Burner rpm	3,450	3,450
Tank capacity Burner Fuel US gal	235.5	198
Runtime Burner (100%) h	43	36
Runtime Burner (75%) h	57	48
Engine / Motor type Blower	Centrifugal	Centrifugal
Power Blower hp	3	3
RPM / speed Blower rpm	1,725	1,725
Air flow CFM	4,000	4,000
Static Pressure W.C. (inch)	4	4
Length Max Duct - 1 x 20in Supply ft	200	200
Length Max Duct - 1 x 16in Supply ft	150	150
Length Max Duct - 2 x 12in Supply ft	75	75
Length Max Duct - 1 x 20in Return ft	200	200



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Electrical system		
Engine / Motor type Generator	Marathon 282CSL	Marathon 282CSL
Engine performance Generator kW	16	16
RPM / speed Generator rpm	1,800	1,800
Frequency Generator Hz	60	60
Voltage Generator V	120	120
Current Service A	20	20
Current Max A	8.3	8.3
Receptacles	15A, 120V Duplex	20A, 120V Duplex
Receptacles	N/A	20A, 120V Twist Lock
Engine / Motor		
Engine / Motor type	4-Cycle, 3-Cylinder - Liquid Cooled	4-Cycle - 4-Cylinder - Liquid Cooled
Engine / Motor Manufacturer	Kubota	Kubota
Engine performance hp	16.9	18
Displacement in ³	67	91.4
at rpm rpm	1,800	1,800
Fuel type	Diesel	Diesel
Tank capacity Useable Fuel US gal	235.5	25.9
Fuel consumption Useable US gal/h	5.5	5.83

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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