

HI770XHD

Indirect Fired Air Heaters



**WACKER
NEUSON**
all it takes!



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.

HI770XHD Technical specifications

Dimensions

L x W x H Overall	215.5 x 103.5 x 88 in
L x W x H Shipping	215.5 x 101.5 x 88 in
Weight without Fuel	5,783 lb
Operating weight with Fuel	7,586 lb
Ground clearance	13 in

Operating data

Diameter	9 in
Diameter Air Outlets (qty 1)	20 in
Diameter Air Outlets (qty 1)	16 in
Diameter Air Outlets (qty 2)	12 in
Diameter Air Inlet (qty 1)	20 in
Heating power Heat Input	770,000 BTU/h
Heat efficiency	75 %
Operating temperature Air Temperature Rise	240 ° F
Capacity Sizing Air Heat	962,500 ft ³
Capacity Drying Size	642,527 ft ³
Fuel consumption Burner	5.5 US gal/h
Operating performance Burner	0.25 hp
at rpm Burner	3,450 rpm
Tank capacity Burner Fuel	198 US gal
Runtime Burner (100%)	36 h
Runtime Burner (75%)	48 h
Engine / Motor type Blower	Centrifugal
Power Blower	3 hp
RPM / speed Blower	1,725 rpm
Air flow	4,000 CFM
Static Pressure	4 W.C. (inch)
Length Max Duct - 1 x 20in Supply	200 ft
Length Max Duct - 1 x 16in Supply	150 ft
Length Max Duct - 2 x 12in Supply	75 ft
Length Max Duct - 1 x 20in Return	200 ft

Electrical system

Engine / Motor type Generator	Marathon 282CSL
Engine performance Generator	16 kW
RPM / speed Generator	1,800 rpm
Frequency Generator	60 Hz
Voltage Generator	120 V
Current Service	20 A

Current Max	8.3 A
Receptacles	20A, 120V Duplex
Receptacles	20A, 120V Twist Lock
Engine / Motor	
Engine / Motor type	4-Cycle - 4-Cylinder - Liquid Cooled
Engine / Motor Manufacturer	Kubota
Engine performance	18 hp
Displacement	91.4 in ³
at rpm	1,800 rpm
Fuel type	Diesel
Tank capacity Useable Fuel	25.9 US gal
Fuel consumption Useable	5.84 US gal/h
Runtime w/ genset (100%)	48 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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