

# HI770XHD GD

## Indirect Fired Air Heaters



**WACKER  
NEUSON**  
*all it takes!*



### Safe heat for Oil and Gas Exploration

The HI770XHD Air Heater with Gas Detection System is designed for safe heat on your Oil and Gas Exploration sites. Our Gas Detection System continually samples the surrounding air for methane, and safely disables the heater before an explosive level of methane can be reached. With the highest in-class heat rise at 250 °F, a 256 gallon fuel tank, 3,000 hour oil change service intervals and a triple threat spill containment system; the HI770 XHD with Gas Detection is a safe and cost effective alternative to flameless heat. Machines are CSA certified.

- Combustible Gas Detection System is offered for improved jobsite safety in potentially volatile environments, shutting down the heater in the presence of hydrocarbon vapors.
- The DURA-GEN extended run technology offered on the HI770XHD, 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.
- The HI770XHD is an extra heavy duty indirect fired air heater designed to run 24/7, down to -60°F.

## HI770XHD GD Technical specifications

### Dimensions

L x W x H Overall	187 x 94 x 88 in
L x W x H Shipping	187 x 94 x 88 in
Weight without Fuel	5,700 lb
Operating weight with Fuel	7,543 lb
Ground clearance	13 in

### Operating data

Diameter Flue	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 <sup>3</sup>
Capacity Drying Size	342,527 ft <sup>3</sup>
Fuel type	Diesel
Fuel consumption Burner	5.5 US gal/h
Operating performance Burner	0.25 hp
at rpm Burner	3,450 rpm
Tank capacity Burner Fuel	235.5 US gal
Runtime Burner (100%)	43 h
Runtime Burner (75%)	57 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	15A, 120V Duplex
Receptacles	N/A
<b>Engine / Motor</b>	
Engine / Motor type	4-Cycle, 3-Cylinder - Liquid Cooled
Engine / Motor Manufacturer	Kubota
Engine performance	16.9 hp
Displacement	67 in <sup>3</sup>
at rpm	1,800 rpm
Fuel type	Diesel
Tank capacity Useable Fuel	235.5 US gal
Fuel consumption Useable	5.84 US gal/h
Runtime w/ genset (100%)	40 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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