

## Portable Air Heaters

HI 400HD D  
HI 400HD G

HI 400HD

### Durable and versatile for all heating applications

»» Versatile heavy duty air heaters bring efficient heat to various workspaces. 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. ««



#### ADDITIONAL ADVANTAGES:

- **Dedicated 2nd blower for combustion** enables units to run at 85% efficiency, one of the highest in the industry.
- **Available in diesel or natural gas/propane.**
- **Diesel model features 2 stage burner** with optional setting for fuel savings during low heat demand.
- **Adjustable ball valve on natural gas model** allows user flexibility to switch from natural gas to propane with ease.
- **Includes safety locking device** to keep valve from moving once set.
- **Burner head and gas pipe** assembly are made from 100% stainless steel for long life.
- **Robust design** features heavy duty package with lifting bail, fork pockets and adjustable handle.
- **Larger pneumatic tires** make this unit portable and easy to position around the job site.
- **Machines come standard** with -40 °F cold weather kit.
- **Supply air adapters** are available in 20", 16" and 12" sizes and are designed to be easily interchangeable.
- **Optional return air adapter** allows adjustable recirculation of warm inside air, resulting in fuel savings and even temperatures.
- **Machines are CSA approved.**



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## Technical Data

			HI 400HD D	HI 400HD G
Dimensions (L x W x H)	in (mm)		85 x 34 x 49 (2159 x 864 x 1245)	81 x 34 x 49 (2057 x 864 x 1245)
Shipping dimensions (L x W x H)	in (mm)		86 x 29 x 49 (2184 x 736 x 1245)	86 x 29 x 49 (2184 x 736 x 1245)
Weight (without fuel)	lbs (kg)		456 (206.8)	434 (197)
Weight (full fuel)	lbs (kg)		911 (413.2)	N /A
Shipping Weight	lbs (kg)		504 (228.6)	489 (221.8)
Fuel capacity	gal		58.5 (221.4)	N /A
Electrical requirement			120V, 15A, 1ph	120V, 15A, 1ph
Air outlets	12" diameter	qty	3	3
	16" diameter		2	2
	20" diameter		1	1
Air return (optional)	20" diameter	qty	1	1
<b>Heater</b>				
Sizing-Air Heat		ft <sup>3</sup> (m <sup>3</sup> )	583,528 (16,524)	548,333 (15,527)
Sizing-Drying		ft <sup>3</sup> (m <sup>3</sup> )	195,000 (5,522)	195,000 (5,522)
Fuel input	Stage 1	BTU/hr (kw)	272,000	N /A
	Stage 2		411,000	381,000
Heat output		BTU/hr (kw)	350,117	329,000
Heat efficiency		%	85	86.5
Air output temperature (max.)		°F (°C)	250 (121.1)	250 (121.1)
Low temperature (operation)		°F (°C)	-40 (-40)	-40 (-40)
Heat Rise	Stage 1	°F (°C)	108 (42.2)	N /A
	Stage 2		131 (55)	126 (52.2)
Fuel consumption	Diesel	gph	2.97	N /A
	Natural Gas	cfh	N /A	5.93
	L P	gph	N /A	2.23
<b>Blower</b>				
Type			1 hp Axial (air), 0.25 hp Centrifugal (burner)	1 hp Axial (air), 0.25 hp Centrifugal (burner)
CFM			3,750**	3,820**
Static pressure	in. water column		0.6	0.6

\*\*assumes intake air of 50° F (10° C)

## Standard Package

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Includes operator's manual, lift bail and fork pockets as standard.

## Model Guide

HI = Heaters Indirect  
400 = Fuel input (per thousand BTU/hr)  
HD = Heavy Duty D = Diesel G = Natural Gas/Propane

Please refer to our Price List and Ordering Guide for complete accessory information.



Specifications may change due to continuous product development. Users are advised to consult Wacker Neuson's Operator's Manual and website for specific information regarding the engine power rating. Actual power output may vary due to conditions of specific use.



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