



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

# Heaters

## Hydronic Surface and Indirect Fired Air



### Work all year long

Hydronic surface heaters are ideal for thawing ground so crews can continue excavation work and curing concrete, allowing for projects to continue throughout the year.



### Clean and dry heat

Indirect fired air heaters produce clean and dry heat for a variety of construction, residential and restoration applications without the use of an open flame.

## Performance Data

	Unit	E1250	E3000
Length x width x height	in	140 x 76 x 72	181 x 91 x 94
Approximate weight	lbs	3,775	9,290 / 7,815**
Fuel capacity	gal	68	222
Heat transfer fluid	gal	54	115
Heater input (gross)	Btu/h	140,000*	385,000
Heater output (net)	Btu/h	121,800	319,500
Heater efficiency	%	87	83
Temperature controller		digital	digital
Generator**		–	Kohler
Fuel consumption at full load			
Burner diesel	gph	1.0	2.75
Generator diesel	gph	0.52	0.52 (3kW)
Run time @75% duty cycle	h	up to 90**	up to 108**
Electrical requirement*		120V AC, 1 x 15 amps, 60 Hz	120V AC, 2 x 20 amps, 60 Hz
Normal operating temperature	°F	100 - 200	100 - 180
Normal hose operating pressure	psi	70 - 110	90 - 110
HTF flow rate per loop	gph	265	265
Thawing capacity	ft²	up to 2,500	up to 3,000
Curing capacity	ft²	up to 2,500	up to 6,000
Frost prevention	ft²	up to 3,750*	up to 9,000

### Efficiency

- Engineered for reliable performance and trouble-free starts
- Maximum flow and consistent heat delivery for thawing and curing applications



	Unit	HI1000G with Skid	HI1000D Skid with tank	HI1000DGM with tank and generator	HI770XHD
Length x width x height	in	119.5 x 46.7 x 67.2	119.5 x 46.7 x 82.2	197.2 x 61 x 100.7	187 x 94 x 88
Operating weight	lbs	2,180	3,795	5,450	5,700 / 7,543*
Fuel capacity	gal	External supply	190	190	256
Electrical req. burner machine	1ø	230V / 30A	230V / 30A	–	8
Engine		–	–	Kubota D1005 (genset)	Kubota D1105
Air outlets	in	4 x 12 2 x 16 2 x 20	4 x 12 2 x 16 2 x 20	4 x 12 2 x 16 2 x 20	1 x 20 1 x 16
Air returns	in	2 x 20	2 x 20	2 x 20	2 x 12
<b>HEATER</b>					
Sizing - air heat	ft³	1,000,000	1,000,000	1,000,000	962,500
Heater input (gross)	Btu/h	850,000	890,000	890,000	770,000
Heater output (net)	Btu/h	675,000	690,685	690,685	577,500
Heater efficiency	%	83	83	83	75
Air temperature rise	°F	134	134	134	240
Fuel consumption at full load					
Burner diesel	gph	–	6.2	6.2	5.5
NG	cfh	850	–	850	–
LP	gph	6.2	–	6.2	–
Genset (full Load)	gph	–	–	0.63	0.9
<b>BLOWER</b>					
Type		5 hp, backward inclined	5 hp, backward inclined	5 hp, backward inclined	3 hp, centrifugal
Air volume	cfm	7,500	7,500	7,500	4,000
Static pressure	in. wc	6.5	6.5	6.5	4.0

