



**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
HEATER					
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
BLOWER					
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

