

E 3000

Hydronic Surface Heaters



Efficient, durable and user-friendly hydronic surface heater

Engineered for reliable performance and trouble-free starts for up to 140 hours of run time, the E 3000ES will provide maximum flow and ensure consistent heat delivery for thawing and curing applications. The E 3000ES thaws or cures up to 6,000 sq. ft. With accessories this heater will cure up to 18,000 sq. ft. or provide 535,000 cu. ft. of dry heat at 83% efficiency, the highest in the industry.

- With 3,000 ft. of hose and a hydraulic hose system, the E 3000 allows for single person set-up and placement, for greater flexibility on all applications.
- Positive displacement pump provides maximum flow and consistent heat delivery for thawing and curing. One pump per hose loop means delivery of maximum Btu's per hour.
- Digital temperature controller with push button adjustment allows operators to easily adjust Heat Transfer Fluid (HTF) output temperature for all concrete curing applications.
- Performance monitoring strobe light indicates from a distance that all systems are operating properly.
- Several options are available including a 5 kW liquid-cooled diesel generator and lifting bail.

wackerneuson.com - 02.09.2014 Page: 1/3



Technical specifications

L x W x H in 181 x 91 x 94 181 x 91 x 94 Ground clearance in 12 12 Operating weight Ib 8,200 8,730 Shipping weight Ib 6,590 7,120 Heat transfer fluid US gal 115 115 Hose Lengths ft 3,000 3,000 Quantity Hose Reels 2 2 Hose rewind 120V AC, w/ 12V DC clutch 120V AC, w/ 12V DC clutch Quantity Circulation Loops 2 2 Temperature monitor Digital Digital Operating data Pump US gal/h 265 265 Pump US gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature ° F 180 180 Capacity Thaw (widt) ft² 6,000		E 3000	E 3000 W/GENERATOR
Ground clearance in 12 12 Operating weight Ib 8,200 8,730 Shipping weight Ib 6,590 7,120 Heat transfer fluid US gal 115 115 Hose Lengths ft 3,000 3,000 Quantity Hose Reels 2 2 Hose rewind 120V AC, w/ 12V DC clutch 120V AC, w/ 12V DC clutch Quantity Circulation Loops 2 2 Temperature monitor Digital Digital Operating data Pump US gal/h 265 265 Pump US gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature ° F 180 180 Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Frost (std) ft² 9,000 9,000 <td>Dimensions</td> <td></td> <td></td>	Dimensions		
Operating weight Ib 8,200 8,730 Shipping weight Ib 6,590 7,120 Heat transfer fluid US gal 115 115 Hose Lengths ft 3,000 3,000 Quantity Hose Reels 2 2 Hose rewind 120V AC, w/ 12V DC clutch 120V AC, w/ 12V DC clutch Quantity Circulation Loops 2 2 Temperature monitor Digital Digital Operating data Pump US gal/h 265 265 Pump US gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature ° F 180 180 Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (wlacc) ft² 6,000 6,000 Capacity Cure (wlacc) ft² 18,000 18,000 Capacity Frost (wlacc) ft² 9,000	LxWxH in	181 x 91 x 94	181 x 91 x 94
Shipping weight Ib 6,590 7,120 Heat transfer fluid US gal 115 115 Hose Lengths ft 3,000 3,000 Quantity Hose Reels 2 2 Hose rewind 120V AC, w/ 12V DC clutch 120V AC, w/ 12V DC clutch Quantity Circulation Loops 2 2 Temperature monitor Digital Digital Operating data Pump US gal/h 265 265 Pump US gal/h 265 265 Plow PUS gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature °F 180 180 Capacity Thaw (wlact) ft² 6,000 6,000 Capacity Thaw (wlacc) ft² 6,000 6,000 Capacity Cure (wlacc) ft² 18,000 18,000 Capacity Frost (wlacc) ft² 27,000	Ground clearance in	12	12
Heat transfer fluid US gal 115 115 Hose Lengths ft 3,000 3,000 Quantity Hose Reels 2 2 Hose rewind 120V AC, w/ 12V DC clutch 120V AC, w/ 12V DC clutch Quantity Circulation Loops 2 2 Temperature monitor Digital Digital Operating data Pump US gal/h 265 265 Pump US gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature °F 180 180 Capacity Thaw (wlad) ft² 6,000 6,000 Capacity Thaw (wlacc) ft² 6,000 6,000 Capacity Cure (wlacc) ft² 18,000 18,000 Capacity Frost (wlacc) ft² 27,000 27,000 Capacity Frost (wlacc) ft² 27,000 27,000 Capacity Frost (wlacc) ft² <td>Operating weight lb</td> <td>8,200</td> <td>8,730</td>	Operating weight lb	8,200	8,730
Hose Lengths ft 3,000 3,000 Quantity Hose Reels 2 2 Hose rewind 120V AC, w/ 12V DC clutch 120V AC, w/ 12V DC clutch Quantity Circulation Loops 2 2 Temperature monitor Digital Digital Operating data Pump US gal/h 265 265 Pump US gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature ° F 180 180 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (w/acc) ft² 18,000 18,000 Capacity Frost (std) ft² 9,000 27,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft² 525,000 525,000 Engine performance Generator kW	Shipping weight Ib	6,590	7,120
Quantity Hose Reels 2 2 Hose rewind 120V AC, w/ 12V DC clutch 120V AC, w/ 12V DC clutch Quantity Circulation Loops 2 2 Temperature monitor Digital Digital Operating data Pump US gal/h 265 265 Pump US gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature °F 180 180 Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (std) ft² 6,000 9,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A <t< td=""><td>Heat transfer fluid US gal</td><td>115</td><td>115</td></t<>	Heat transfer fluid US gal	115	115
Hose rewind 120V AC, w/ 12V DC clutch 120V AC, w/ 12	Hose Lengths ft	3,000	3,000
Quantity Circulation Loops 2 2 Temperature monitor Digital Digital Operating data Pump US gal/h 265 265 Pump US gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature ° F 180 180 Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (std) ft² 6,000 6,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Frost (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer 115 Kubota <td>Quantity Hose Reels</td> <td>2</td> <td>2</td>	Quantity Hose Reels	2	2
Operating data Digital Digital Pump US gal/h 265 265 Pump US gal/h 265 265 Plump US gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature ° F 180 180 Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (w/acc) ft² 18,000 18,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Frost (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Hose rewind	120V AC, w/ 12V DC clutch	120V AC, w/ 12V DC clutch
Operating data Pump US gal/h 265 265 Pump US gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature °F 180 180 Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (std) ft² 6,000 6,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft² 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Quantity Circulation Loops	2	2
Pump US gal/h 265 265 Pump US gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature °F 180 180 Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (std) ft² 6,000 6,000 Capacity Cure (w/acc) ft² 18,000 18,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Temperature monitor	Digital	Digital
Pump US gal/h 265 265 Flow velocity per Circulation Loop US gal/h 265 265 Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature °F 180 180 Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (std) ft² 6,000 6,000 Capacity Cure (w/acc) ft² 18,000 18,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft² 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Operating data		
Flow velocity per Circulation Loop US gal/h Hose pressure Normal Operating psi 110 110 Heating power Gross Input BTU/h 385,000 Heat efficiency % 83 83 Operating temperature ° F 180 180 Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (std) ft² 6,000 Capacity Cure (w/acc) ft² 18,000 18,000 Capacity Frost (std) ft² 9,000 Capacity Frost (std) ft² 9,000 Capacity Frost (w/acc) ft² 27,000 Capacity Frost (w/acc) ft² 525,000 Engine performance Generator kW 0 Sate of Capacity Cure (w/acc) ft² 115 Engine / Motor manufacturer Kubota	Pump US gal/h	265	265
Hose pressure Normal Operating psi 110 110 110 110 Heating power Gross Input BTU/h 385,000 385	Pump US gal/h	265	265
Heating power Gross Input BTU/h 385,000 385,000 Heat efficiency % 83 83 Operating temperature ° F 180 180 Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (std) ft² 6,000 6,000 Capacity Cure (w/acc) ft² 18,000 18,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Flow velocity per Circulation Loop US gal/h	265	265
Heat efficiency % 83 83 83 83 Operating temperature ° F 180 180 Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (std) ft² 6,000 6,000 Capacity Cure (w/acc) ft² 18,000 18,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Frost (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Hose pressure Normal Operating psi	110	110
Operating temperature ° F 180 180 Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (std) ft² 6,000 6,000 Capacity Cure (w/acc) ft² 18,000 18,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Heating power Gross Input BTU/h	385,000	385,000
Capacity Thaw (std) ft² 6,000 6,000 Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (std) ft² 6,000 6,000 Capacity Cure (w/acc) ft² 18,000 18,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Heat efficiency %	83	83
Capacity Thaw (w/acc) ft² 6,000 6,000 Capacity Cure (std) ft² 6,000 6,000 Capacity Cure (w/acc) ft² 18,000 18,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Operating temperature ° F	180	180
Capacity Cure (std) ft² 6,000 6,000 Capacity Cure (w/acc) ft² 18,000 18,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Capacity Thaw (std) ft ²	6,000	6,000
Capacity Cure (w/acc) ft² 18,000 18,000 Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Capacity Thaw (w/acc) ft ²	6,000	6,000
Capacity Frost (std) ft² 9,000 9,000 Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Capacity Cure (std) ft ²	6,000	6,000
Capacity Frost (w/acc) ft² 27,000 27,000 Capacity Air Heat (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Capacity Cure (w/acc) ft ²	18,000	18,000
Capacity Air Heat (w/acc) ft³ 525,000 525,000 Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Capacity Frost (std) ft ²	9,000	9,000
Engine performance Generator kW 0 5 Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Capacity Frost (w/acc) ft²	27,000	27,000
Rated current A 20 20 Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Capacity Air Heat (w/acc) ft ³	525,000	525,000
Rated voltage V 115 115 Engine / Motor manufacturer Kubota	Engine performance Generator kW	0	5
Engine / Motor manufacturer Kubota	Rated current A	20	20
	Rated voltage V	115	115
Engine / Motor type 2-Cylinder Liquid Cooled	Engine / Motor manufacturer		Kubota
	Engine / Motor type		2-Cylinder Liquid Cooled
Displacement in ³ 0 29.23	Displacement in ³	0	29.23

wackerneuson.com - 02.09.2014 Page: 2/3



	E 3000	E 3000 W/GENERATOR
Engine performance hp	0	11.1
Engine RPM rpm		3,000
Fuel type	Winter Blend Diesel	Winter Blend Diesel
Fuel consumption Diesel US gal/h	2.75	3.17
Tank capacity Useable Fuel US gal	222	222
Tank capacity Oil US qt	0	2
Runtime @ 100% Burner Run Percentage h	81	81
Runtime @ 75% Burner Run Percentage h	108	108

^{*} Lift Bail Included

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.

Copyright © 2014 Wacker Neuson SE.

wackerneuson.com - 02.09.2014 Page: 3 / 3