



## 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 E3000 will provide maximum flow and ensure consistent heat delivery for thawing and curing applications. The E3000 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 3 kW or 5 kW liquid-cooled diesel generator and lifting bail.



## Technical specifications

|   | <b>E 3000</b> | <b>E 3000 W/ 5kW Gen</b> | <b>E 3000 W/ 3kW Gen</b> |
|---|---------------|--------------------------|--------------------------|
| <b>Dimensions</b>                           |               |                          |                          |
| L x W x H in                                | 181 x 91 x 94 | 181 x 91 x 94            | 181 x 91 x 94            |
| Operating weight lb                         | 8,200         | 7,771                    | 7,975                    |
| Shipping weight lb                          | 6,590         | 6,161                    | 6,420                    |
| Operating weight With Lift Bail lb          | 8,200         | 8,730                    | 8,675                    |
| Shipping weight With Lift Bail lb           | 6,590         | 7,120                    | 7,230                    |
| Heat transfer fluid Capacity US gal         | 115           | 115                      | 115                      |
| Hose Lengths ft                             | 3,000         | 3,000                    | 3,000                    |
| Quantity Hose Reels                         | 2             | 2                        | 2                        |
| Quantity Circulation Loops                  | 2             | 2                        | 2                        |
| Temperature monitor                         | Digital       | Digital                  | Digital                  |
| <b>Operating data</b>                       |               |                          |                          |
| Pump performance per pump US gal/h          | 265           | 265                      | 265                      |
| Flow velocity per Circulation Loop US gal/h | 265           | 265                      | 265                      |
| Hose pressure Normal Operating psi          | 110           | 110                      | 110                      |
| Heating power Gross Input BTU/h             | 385,000       | 385,000                  | 385,000                  |
| Heat efficiency %                           | 83            | 83                       | 83                       |
| Operating temperature ° F                   | 180           | 180                      | 180                      |
| Capacity Thaw (std) ft <sup>2</sup>         | 3,000         | 3,000                    | 3,000                    |
| Capacity Thaw (w/acc) ft <sup>2</sup>       | 6,000         | 6,000                    | 6,000                    |
| Capacity Cure (std) ft <sup>2</sup>         | 6,000         | 6,000                    | 6,000                    |
| Capacity Cure (w/acc) ft <sup>2</sup>       | 18,000        | 18,000                   | 18,000                   |
| Capacity Frost (std) ft <sup>2</sup>        | 9,000         | 9,000                    | 9,000                    |
| Capacity Frost (w/acc) ft <sup>2</sup>      | 27,000        | 27,000                   | 27,000                   |
| Capacity Air Heat (w/acc) ft <sup>3</sup>   | 525,000       | 525,000                  | 525,000                  |
| Rated current A                             | 20            | 20                       | 20                       |
| Rated voltage V                             | 115           | 115                      | 120                      |
| Engine / Motor manufacturer                 |               | Kubota Z482              | Kubota Z602              |
| Engine / Motor type                         |               | 2-Cylinder Liquid Cooled | 2-Cylinder Liquid Cooled |
| Displacement in <sup>3</sup>                | 0             | 29.23                    | 36.5                     |
| Engine performance hp                       | 0             | 11.1                     | 16.8                     |
| Engine RPM rpm                              |               | 3,000                    | 3,600                    |



|  | <b>E 3000</b>       | <b>E 3000 W/ 5kW Gen</b> | <b>E 3000 W/ 3kW Gen</b> |
|--|---------------------|--------------------------|--------------------------|
| Fuel type                              | Winter Blend Diesel | Winter Blend Diesel      | Winter Blend Diesel      |
| Fuel consumption Generator US gal/h    | 0                   | 0.59                     | 0.28                     |
| Fuel consumption Burner US gal/h       | 2.75                | 3.17                     | 2.75                     |
| Tank capacity Useable Fuel US gal      | 222                 | 222                      | 222                      |
| Tank capacity Oil US qt                | 0                   | 2                        | 2.64                     |
| Runtime @ 100% Burner Run Percentage h | 81                  | 81                       | 81                       |
| Runtime @ 75% Burner Run Percentage h  | 108                 | 108                      | 108                      |

**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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