

Ground Heaters Inc.
Pioneering Heat Technologies

Add Heat Xchangers™
for temporary air heat!

E3000 Ground Heater™

Start to finish... all the heat you need!



- **Thaw ground - quickly, easily, and economically**
 - 6,000 sq. ft., standard
 - up to 6,000 sq. ft. in 1/2 the time, with accessories
 - Varies based on soil conditions. Complete a Ground Heaters' Thaw Cost Estimate.
- **Cure concrete - in cold weather with confidence**
 - up to 6,000 sq. ft., standard
 - up to 18,000 sq. ft., with accessories
 - Varies based on application. Complete a Ground Heaters' Cure Cost Estimate.
- **Prevent frost - large areas, very economically**
 - up to 9,000 sq. ft., standard
 - up to 27,000 sq. ft., with accessories
- **Heat workspace - dry heat and fuel efficient**
 - up to 535,000 cu. ft., with accessories
 - Varies based on application. Ask your dealer for an Air Heat Cost Estimate.
- **Up to 140 hours run-time**
- **Engineered for reliable, trouble-free starts**
- **Easy to operate** • **Economical**
- **Dependable** • **Built Tundra Tough™**
- **83% heater efficiency - highest in the industry**

Add Optional Accessories to Thaw Faster! Cure Larger Areas! or Heat Workspace!

Hose Handling Systems
Easy use and storage of additional Heat Transfer Hose.



Pump Pack
Thaw faster; provide uniform heat for curing large areas of concrete; single or dual.



Heat Xchangers™
Provides temporary air heat for interior workspaces; 2 sizes.



To heat larger spaces, ask about our indirect air heaters!

MOST User-Friendly Design

1. **Flip 3 switches**
2. **Lay out the hose**
3. **Place vapor barrier & insulation**

That's it! No complicated manifolds. No valves to open or close. No hoses to connect. Why do it the hard way? Ground Heaters' long hoses allow easy, flexible setup for all applications.

It doesn't get any easier than a Ground Heater.™



All-New! E3000 Ground Heater™

Features

Positive Displacement Pumps:

provide maximum flow and assure consistent heat delivery for thawing and curing. **One pump per hose loop** means more BTU's/Hr delivered to project than other hydronic heaters. Plenty of power to pump Heat Transfer Fluid **250 feet up** from Ground Heater, allowing Ground Heater to remain below cure site (such as a bridge deck). 1

Performance Monitoring Light:

strobe light indicates from a distance that all systems are operating properly. Can connect to dialer, transmitter, or other remote alert device. 2

Digital Temperature Controller:

with push button adjustment. Allows operator to easily adjust Heat Transfer Fluid output temperature for concrete curing applications. 3

Roll Up Doors:

provide superior performance in windy conditions. Lock for **security**. 4

Optional Generator:

2800 rpm Onan liquid-cooled diesel, 5.5kw 5

Accessories

Hose Handling System:

Provides easy use and storage of additional **3000 feet of Heat Transfer Hose** for thawing and concrete curing applications. Electric foot pedal rewind system. Fork lift pockets. Fits in pickup truck bed. 6

Other accessories:

Pump Pack
Heat Xchangers™

Benefits

Ground Heaters™ Deliver the Most Heat

1 pump per hose loop (fastest flow rate)

+ Highest net BTU's (super-efficient heater)

= Most BTU's to job surface
(for fast thawing and consistent concrete curing)

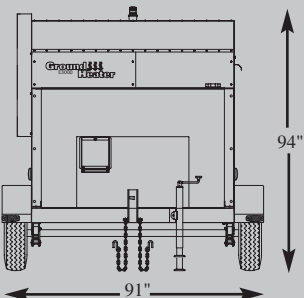
Based on years of testing and experience, Ground Heaters, Inc. produces the most efficient, durable, and user-friendly portable hydronic heating systems available.

Ground Heaters™ have revolutionized cold weather construction!

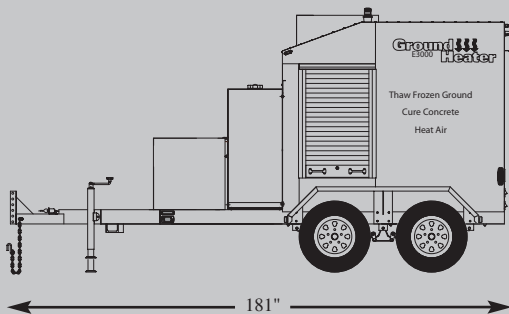
Thaw and cure large areas!

- Thaw up to 1 foot deep/day (dependent on soil conditions)
- Set, finish and cure concrete like it's summer
- Protect newly poured concrete from frost

Front View



Side View



Specifications

Dimensions and capacities

(no generator/with generator)

Length	181"
Width	91"
Height.....	94"
Ground clearance	12"
Approx.weight w/o fuel	5,580 lbs/6,105 lbs
Approx.weight with fuel	7,190 lbs/7,715 lbs
Fuel capacity	230 US GAL
Heat Transfer Fluid	115 US GAL
Pumps, 265 US GPH positive displacement	2
Hose (2 x 1500 ft)	3,000 ft
Hose reels	2
Hose rewind	120V AC w/12V DC clutch
Circulation loops	2
Tires	ST215/75D14
Hitch	pinthle or 2 5/16" ball

Performance

Heater, gross output.....	385,000 BTU/H
Heater, net output	321,000 BTU/H
Heater efficiency	83%
Temperature controller	digital
Fuel consumption at full load	2.75/3.17 US GPH
Fuel requirement.....	winter blend diesel
Run time	up to 140 hours
Electrical requirement*	2 x 20 amps x 120VAC
Normal operating temp	100°F -180°F
Normal hose operating pressure	90 - 110 psi
HTF flow rate per loop	265 US GPH
Thaw capacity (standard equipment)	3,000-6,000 sq ft
Thaw capacity (with accessories)	up to 6,000 sq ft
Cure capacity (standard equipment)	6,000 sq ft
Cure capacity (with accessories)	up to 18,000 sq ft
Frost prevention (standard)	up to 9,000 sq ft
Frost prevention (with accessories)	up to 27,000 sq ft
Air heat capacity (with accessories)	535,000 cu ft
Performance monitoring light.....	yes

Safety

Brakes.....	12V DC electric
Tie downs (for transport).....	4
Ground fault interrupt	yes
Main circuit breakers	2
Burner motor thermal protection	manual reset
Burner ignition	electronic
High temperature shutdown	yes
No-flame shutdown	yes
Low fluid shutdown/warning light	yes
Vented closed loop circulation	yes
Hydronic heater operating pressure	0 psi
Temperature gauges	5
Pressure gauges	2
Interior light, 120V AC	1

*when not using on-board generator

Your Ground Heater distributor carries a complete line of parts and accessories and will help you configure a Ground Heater system to best suit your needs.

The E3000 Ground Heater is  certified, and complies with US NHTSA and Transport Canada regulations.

All specifications are subject to change without prior notice.

Sold and Serviced by:



Manufactured by:

www.groundheaters.com



1271 Judson Road
Spring Lake, MI 49456
231.799.9600 Fax 231.799.9500

See more heat technologies at www.groundheaters.com

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Ground Heaters...

the best solution for cold weather construction problems!

Call today for more information →

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