



## Ground Heater by



## Frozen Ground A Problem?

*We Have The Solution!*

- Thaws up to 9,000 sq. ft
- Thaws up to 1 foot deep per day
- Cures up to 12,000 sq. ft.
- 8-light diagnostic panel for foolproof troubleshooting
- Heating system is low pressure & atmospherically vented, so no special boiler certification is required
- Uses environmentally safe non-toxic propylene glycol/water mixture
- Climate control system with pre-heated fuel and combustion air assures reliable subzero start up
- Built-in lock box with slide in tray for securing optional generator
- CSA Certified in U.S. and Canada
- Easy to use 75 foot hose sections utilize quick-connect “no-drain” couplers, that ensure quick set-up



Rev. 1-10

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**Heating Unit**

Input.....420,000 BTU/Hr  
 Fuel .....#1 Fuel Oil or Diesel (Winter Blend)  
 Rated Efficiency .....85%  
 Fuel Consumption .....3 GPH  
 Fuel Tank Capacity.....130 Gal. (up to 90 hrs.)  
 Electrical Requirements .....230 Volt 1ph  
 60 Hz, 30 amp circuit  
 Temperature Range .....120°F to 200°F  
 HTF Volume.....25 Gal.

**Heat Transfer System**

Fluid .....Non-toxic propylene glycol/water mix  
 Circulation hook-up.....Single supply and return  
 Circulation System .....1 1/4" x 50' fluid circulation line with  
 ball valves & Kamlock quick couplers  
 Circulation Pump .....1 hp  
 40 US GPM @ 30 PS.I.

**Hose Reel**

Rotation Speed.....0-20 RPM, forward/stop/reverse  
 Activation .....Foot switch, auto-feed switch  
 Power Requirements .....115 VAC, 15 Amp fuse  
 Motor .....1 HP, continuous duty electric  
 Heat Transfer Hose .....3/4" (1" O.D.) x 750'  
 3/4" hydraulic-style couplers  
 (4) 750' hose loops (3,000 ft. total)  
 each loop has (2) 375' coupled lengths  
 Can hold up to 6,000 ft. of hose

**Trailer**

Specifications .....GVWR 13,860 lbs.,  
 pintle hitch  
 6 pole connector light hook up  
 electric brakes with break-away switch  
 Total weight package .....12,600 lbs. (with reel, water heater  
 module, hoses, loaded with heat  
 transfer fluid & fuel  
 Generator .....Optional-provides power to the water  
 heater module & additional site power  
 6 KW continous power 240V recommended  
 Overall Dimensions .....285"L x 94" W x 104" H



**8-light diagnostic panel**



**Reel capable of holding 6,000 feet of hose**



**Fluid distribution manifold allows easy hook-up of hose**