



Model TD600

Mobile Hydronic Heater

by
heat wagon

*For Ground Thaw and
Concrete Cure Applications*



- 4,000 ft. of hose provides 6,000 sq.ft. of thawing capacity or 9,000 sq. ft. of curing capacity
- Largest capacity heater in its class, over 600,000 BTU/hr
- Unmatched temperature control with adjustable "flow reverser" control
- Designed to operate in colder climates . . . as low as -40°F
- Enclosed trailer offers convenience and ease
- 8-light diagnostic panel for foolproof troubleshooting with external operating light
- Run time up to 110 hours
- Climate control system with pre-heated fuel and combustion air assures reliable subzero start up
- Heating system is low pressure and atmospherically vented, so no special boiler certification is required
- Easy to use 500' hose sections utilize quick-connect "no drain" couplers that ensure quick set-up
- Powered by MQ Whisperwatt 7 KW gen set
- Heat delivery systems are CSA and UL approved for US and Canada
- Listed and approved in Greenspec directory

heat wagon

Rev. 11-11

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Heating Unit

BurnerRiello single stage
FuelDiesel fuel/# 1 or 2 heating oil
Input Capacity620,200 BTU/hr., 182 KW
Output Capacity508,564 BTU/hr., 149 KW
Fuel Consumption4.43 GPH (100% run time)
Fuel Capacity250 gallons
Max Operating Temp195°F

Heat Transfer System

FluidNon-toxic propylene glycol/water mix
Operating Pressure35 PSI
Flow965 GPH
Pump1.5 HP
Circulation System5/8" dia. hose, 500' min. loop length
1000' max loop length, min. of 2 loops
Manifold System.....Detachable, 8 port - 3/4" quick disconnect

Hose Reel

Control.....Forward/Reverse with foot activation switch
Capacity4,000' of 5/8" dia. hose

Power

GeneratorMultiquip Model DA7000 SS
7KW Max power
6KW Continuous power
3600 RPM, 60 Hz AC
Kubota 2-cylinder engine
Liquid cooled
Hour meter

Trailer

SpecificationsGVWR 12,000 lbs.,
Pintle hitch
6 pole connector light hook up
Electric brakes with break-away switch
Total weight package9,150 lbs. (with reel, water heater
module, hoses, loaded with heat
transfer fluid & fuel
Overall Dimensions195"L x 94" W x 96" H



8-light diagnostic panel



**Reel capable of holding
4,000 feet of hose**



**Pintle hitch with electric
brakes and 6 pole connector**

Thaw Devil TD600 by Heat Wagon . . . maximizing your energy with innovative features. Focused on dramatically reducing fuel consumption making it the most environmentally friendly, cost efficient system on the market today.



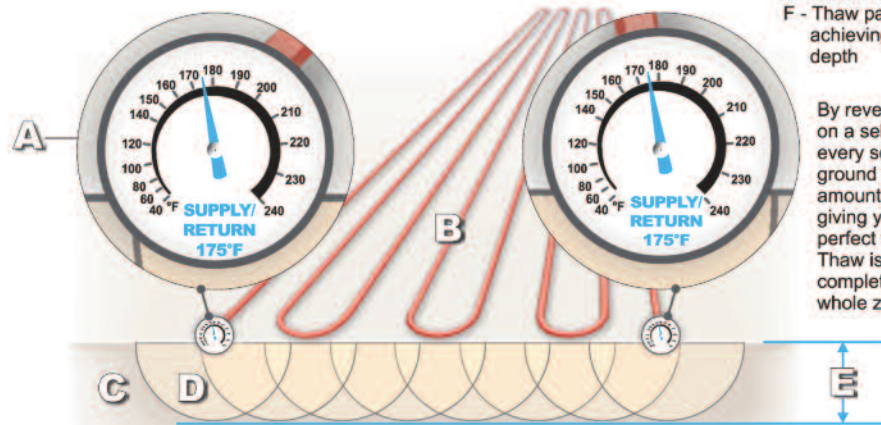
Uniform thaw = energy savings

- The ThawDevil TD600 maximizes every ounce of the energy it uses by directing heat across the thaw grid in a systematic manner that results in a uniform thaw pattern.
- Other systems use circulation loops that move fluid in one direction only. The fluid, as heat transfer occurs, will cool down as much as 45% as it moves towards the end of the loop. This will result in an uneven thaw pattern. Therefore, while ground under the warm end continues to be heated, energy is wasted well after it has been thawed due to the colder end of the loop falling behind by as much as 75%. This forces you to thaw for several days longer... needlessly costing you extra time and fuel.
- The flow reverser system maximizes your costly energy by reversing fluid flow on a selected schedule. This means that every square foot of ground sees the same amount of energy giving you an almost perfect thaw pattern... and more importantly, saving you valuable time and reducing energy requirements.

Temperature gauge readings represent a job's average HTF temperatures on one zone (hose loop).

ThawDevil by Heat Wagon

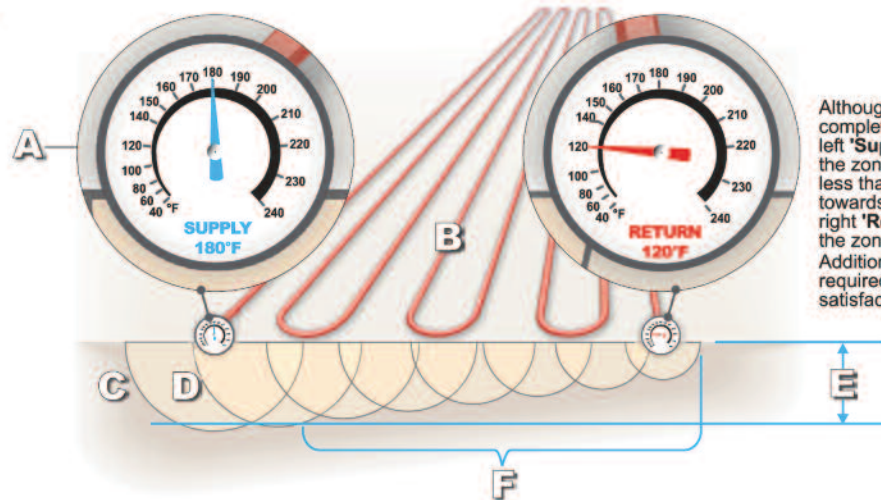
with flow reverser technology



A - Temp. gauge readings
B - Zone; hose loop
C - Thaw site cross section
D - Thaw pattern
E - Goal thaw depth
F - Thaw patterns not achieving the goal thaw depth

By reversing fluid flow on a selected schedule, every square foot of ground sees the same amount of energy giving you an almost perfect thaw pattern. Thaw is uniform and complete across the whole zone.

Other Systems



Although thawing is complete on the hot, left 'Supply' side of the zone, progress is less than satisfactory towards the cooler, right 'Return' side of the zone. Additional days will be required to achieve satisfactory results.