



Greenhaw™ by DRYAIR... 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.

600GTS greenhaw™ system

For ground thaw & concrete cure applications



■ Unmatched temperature control

The DRYAIR greenhaw™ system gives you almost perfect control over the temperature of your concrete pour.

By adjusting the 'flow reverser controller' to the recommended schedule, every square foot of your concrete pour will receive the same amount of heat. This means a uniform curing pattern and less likelihood of problems caused by uneven curing.

Dryair's 'even heat' approach to curing will also reduce the risk of freezing.

■ Largest capacity heater in its class... more versatility

The large 620,000 BTU heater provides you with ample BTU's.

If you wish to utilize this extra BTU capacity, you can A) lay out more ground thaw hose or B) while thawing, also provide structure heat utilizing DRYAIR's portable heat exchangers.

Unlike conventional systems, the HTF flow reversing system also give you the added advantage of laying out more hose without the need of a second pump.

■ Outstanding combustion reliability

DRYAIR's patented CEC system (combustion environment control system) pre-heats the combustion air and fuel to provide the burner with an ideal combustion environment in the widest range of ambient conditions.

Wide outside temperature swings don't faze the DRYAIR '600GTS greenhaw system'... it hums right along!

■ Large hose reel capacity

The hose reel is capable of carrying an optional 1000 ft. of hose for a total of 4000 ft... adding 33% more thawing or curing capacity.

■ Enclosed trailer offers convenience and ease

Dryair's enclosed design not only offers ease of operation and convenience, we also continue to honor our tradition of excellent service access to all components.



Trailer dimensions.....	195" long x 94" wide x 96" tall
Burner	single stage
Fuel	diesel fuel/#1 or 2 heating oil
Input capacity	620,200 BTUH, 182 KW
Output capacity.....	508,564 BTUH, 149 KW
Consumption (100% run time).....	4.43 US GPH, 16.8 LPH
Fuel capacity.....	250 US GAL
Maximum thawing capacity.....	11,200 sq.ft
Heating capacity - area.....	861,000 sq.ft.
Heat transfer fluid (HTF) circulation system	
HTF	non-toxic propylene glycol / water mix
Maximum operating temp.....	195°F
Operating pressure	35 PSI
Flow	965 GPH
HTF flow reversing system.....	adjustable cycle, temperature optimizing dial
Circulation loop length -max	1,000 ft.
Circulation loop length -min.....	500 ft.

Climate control system	
Fuel heater	maintains set fuel temperature
Combustion air heater	maintains set combustion air temperature
Control & monitoring	pump & temperature controls
.....	full gauge panel showing circulation fluid temperatures & pressures, fuel pressures
.....	8-light system operation feature for easy system troubleshooting
.....	external operating light
Powered hose reel	
Controls	forward / reverse
.....	foot switch activation
Onboard hose - max.....	4,000 ft.
Manifold	detachable, 8-port
Optional	
Generator	Multiquip DA7000SS 7KW Diesel



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Uniform thaw = energy savings

■ The Dryair greenthaw™ system 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.

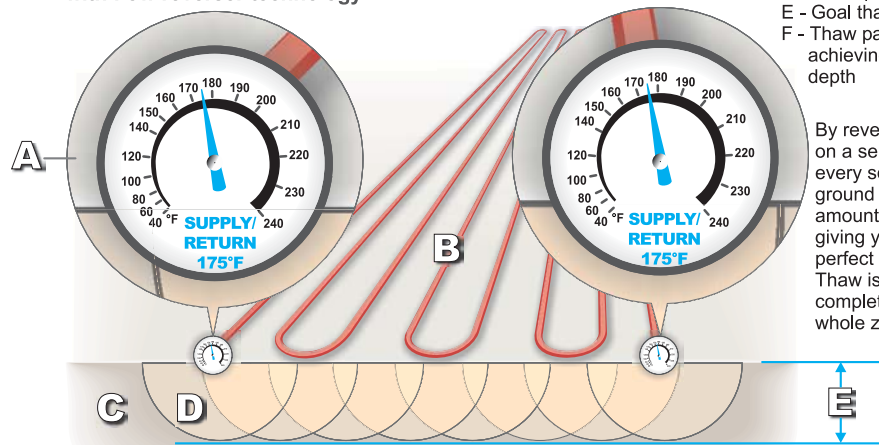
Therefore, while ground under the warm end continues to be heated, energy is wasted well after it has been thawed due to the colder end of the loop falling behind by as much as 75%. This forces you to thaw for several days longer... needlessly costing you extra time and fuel.

■ Dryair's 'patented' greenthaw™ 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 heat transfer fluid temperatures on one zone (hose loop).

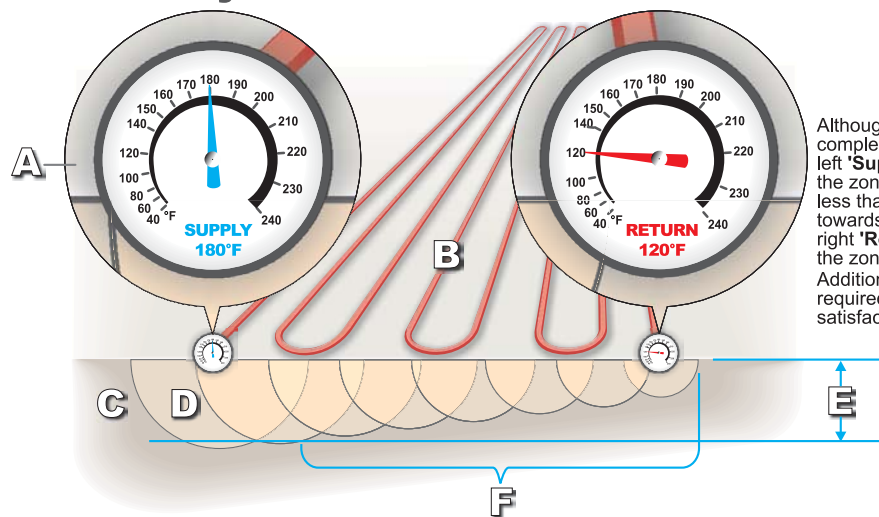
Greenthaw by Dryair with flow reverser technology



- 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.



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DRYAIR 600GTS greenhaw™ system VS Ground Heaters E3000

	DRYAIR 600GTS	GH E3000
■ BTU	620,000	385,000
■ Maximum thawing capacity	11,200 sq.ft.	6,000 sq.ft.
■ Heating capacity - area	861,000 cu.ft.	535,000 cu.ft.
■ Maximum operating temperature.....	195°F	180°F
■ Fluid flow.....	965 gph	530 gph
■ Trouble shooting light system	Yes	No
■ Combustion air pre-heated.....	Yes	No
■ Fuel pre-heated.....	Yes	No
■ Maximum onboard hose.....	4,000 ft.	3,000 ft.
■ Fuel capacity.....	250 us gal	230 us gal
■ Run time estimate.....	152 hrs	140 hrs
■ Fuel maximizing flow reverser	Yes	No
■ Green operating light	Yes	Yes
■ Detachable manifold.....	Yes	No
■ Temperature optimizing dial - concrete curing	Yes	No
■ Operating pressure	35 psi	150 psi
■ Maximum circulation loop length	1,000 ft	1,500ft
■ Minimum circulation loop length	500 ft	1,500ft

**Dryair's run time estimate of 152 hours is based on a burner run time of 37%, average ground thaw conditions, required insulated cover and the maintenance of 180°F HTF supply temperatures.*