



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.

# 300GTS greenhaw™ system

For ground thaw & concrete cure applications

designed to operate in colder climates...as low as -40°F (-40°C)



### ■ 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.

### ■ Large capacity heater

The large 301,000 BTU heater provides you with ample BTU's maximizing heat exchanger capabilities even in the harshest conditions.

Unlike conventional systems, the HTF flow reversing system gives 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 '300GTS greenhaw system'... it hums right along!

### ■ Large hose reel capacity

The hose reel is capable of carrying a total of 3000 ft. for 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.....188" long x 76" wide x 96" tall  
 Dry Weight .....5950 lbs  
 Burner .....single stage  
 Fuel .....diesel fuel/#1 or 2 heating oil  
 Input capacity .....301,000 BTUH, 87.2 KW  
 Output capacity.....255,850 BTUH, 71.5 KW  
 Consumption (100% run time).2.15 US GPH, 8.14 LPH  
 Fuel capacity.....150 US GAL  
 Maximum thawing capacity.....6,000 sq.ft  
 Heating capacity - area.....433,154 cu.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 time  
 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  
 .....Multi-light system operation feature for easy system troubleshooting  
 .....external operating light  
 Powered hose reel  
 Controls .....forward / reverse  
 .....foot switch activation  
 Onboard hose - max.....3,000 ft.  
 Manifold .....detachable, 6-port  
 Optional  
 Generator .....Kubota GL7000 7KW Diesel



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## Uniform thaw = energy savings

■ The Dryair greenhaw™ 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.

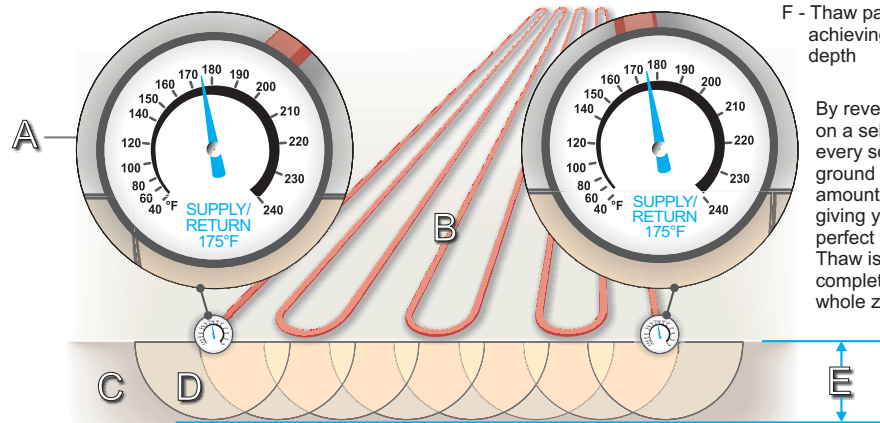
■ Other systems use circulation loops that move fluid in one direction only. The fluid, as heat transfer occurs, will cool down as much as 45% as it moves towards the end of the loop. This will result in an uneven thaw pattern. Therefore, while ground under the warm end continues to be heated, energy 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' greenhaw™ 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).

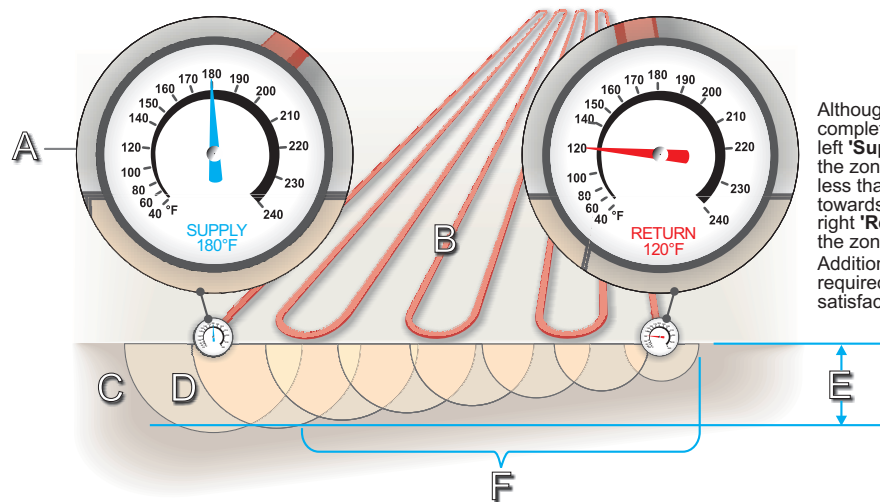
### Greenhaw by Dryair with flow reverser technology



- 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.