

PRODUCT SPECS

THE GREENTHAW™ SYSTEM 650 GTS

For ground thaw, concrete curing, building heat, dehumidification, fluid heating and oil and gas applications

**GREENTHAW™
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!



UNMATCHED TEMPERATURE CONTROL

The DryAir Greenthaw™ 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. The uniform curing pattern eliminates problems caused by uneven curing.

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.

TRI-FUEL CAPABLE

The 650 GTS comes standard with a diesel burner, but can easily be converted to run on propane or natural gas when those more economical fuel sources are available.

OUTSTANDING COMBUSTION RELIABILITY

DryAir's innovative CEC (combustion environment control) system preheats 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 will not affect the DryAir's 650 GTS GreenThaw™ – it hums right along!

LARGE HOSE REEL CAPACITY

With 5,000 linear ft of hose on board, the 650 GTS offers over 66% more thawing or curing capability than the most common ground thaw units on the market.

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.



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THE GREENTHAW™ SYSTEM

650 GTS *cont'd*

GREENTHAW™ FLOW REVERSER

Check out further details on the innovative GreenThaw™ Flow Reverser by scanning the video QR codes below!



EVEN HEAT



THAW PATTERN

*Additional hose and accessories are needed to reach the maximum thawing and curing capacities listed above. For best results, DryAir recommends a maximum hose spacing of 18" for thawing and 24" for curing. With that spacing, the 5,000 ft of hose onboard the 650 GTS would provide a maximum coverage of 7,500 sq ft for thawing or 10,000 sq ft for curing.

SPECIFICATIONS

Trailer dimensions:

195" l x 94" w x 96" h

Weight 6,996 lbs

Burner.....Single stage

Electrical230 V, single phase,
60 Hz, 30 A, 4-wire (L14-30)

Fuel:

Diesel

Input capacity

- 620,200 Btu/h

Consumption (max)

- 4.4 US gph

Diesel fuel capacity:

250 US gal

Natural gas

Input capacity

- 530,400 Btu/h

Consumption (max)

- 495.0 cu ft/h

Propane

Input capacity

- 603,840 Btu/h

Consumption (max)

- 6.5 US gph

Thawing capacity (max):

- 7,500 sq ft (std),
11,000 sq ft (w/acc)*

Curing capacity (max):

- 10,000 sq ft (std),
25,000 sq ft (w/acc)*

Heating capacity (area):

- 19,000 sq ft

Heat transfer fluid (HTF)

circulation system:

HTF

- non-toxic propylene glycol/water

Maximum operating temperature

- 180°F

Maximum operating pressure

- 35 psi

Flow

- 1,175 gph

HTF flow reversing system

- adjustable cycle,
temperature optimizing dial

Climate control system:

Diesel fuel heater

- maintains set fuel
temperature

Combustion air heater

- maintains set combustion
air temperature

Controls and monitoring:

Pump and temperature controls, full gauge panel showing circulation fluid temperatures and pressures, fuel pressures, 8-light system operation feature for easy system troubleshooting, external operating light

Powered hose reel (controls):

Variable speed forward/reverse or freewheel, foot switch activation

Circulation loop hose:

5/8", 3/4" quick couplers

Circulation loop length (max):

1,000 ft

Circulation loop length (min):

500 ft

Onboard hose (max):

5,000 ft

Manifold 10-port, 3/4"

quick couplers

Primary hose connection:

1-1/2" Kamlok® couplers

Optional:

- Multiquip 7 kW diesel generator
- Generator 1,500 hr Service Interval Kit
- Bolt-on lifting frame
- Light tower