



COOL AIR™ HEAT

HYDRONIC HEATER

400,000 BTU 117kW



This portable central heat plant is easily towed and set up quickly. Its 7 kW generator enables complete standalone operation, making it essential for thawing frozen ground before excavation, curing concrete, or providing emergency heat when your building's boiler or hot water system fails.

Features:

- Secure enclosed trailer ensures protection and grants the ability to run in all conditions
- Flow-reversing system eliminates cold spots
- On-board fuel tank with generator allows for 'run anywhere' operation

Applications:

- Construction Sites
- Boiler Tie-ins
- Industrial Plants



Frozen, snow-covered ground is costly to excavate and can damage equipment. By using this trailered unit, our customer thawed the trench area and coordinated it with their excavation schedule. This predictable thaw-dig-build cycle effectively managed their tight construction timeline, proving both cost-effective and reliable.



The HGT400 can thaw up to 6000 square feet using the on-board hose reel. With additional hose, it can thaw up to 8000 square feet.



This site's concrete slab was poured the day before cold weather and snow hit. The contractor called for a hydronic ground thaw unit to eliminate the risk from potential freezing. Smart move.

HEAT...IN A HURRY

HYDRONIC GROUND THAW - OIL FIRED 400,000 BTU (HGT400H21 Ground Thaw Trailer)

HEATING

Controls	All pressures & temps
Capacity	400 000 BTU
Stages	single stage
Fluid Temperature Range °F	120 °F to 180 °F
Fluid Temperature Range °C	49 °C to 82 °C
Ambient Operating Range	-30 to 140°F -34°C to 60°C*

ELECTRICAL

Voltage	208/230
Phase	Single
Breaker Size	30 amps
On Board Generator	7 kW MultiQuip
Plug - Shore Power	L14-30 requires HBL2713 connector body

OPERATIONAL - DIESEL

Fuel Type	#1 Diesel or #2 Heating Oil	
Run Time	58 hours on full tank	
Fuel Capacity	150 us/g	560 L
Fuel Consumption	2.45 us/gph	9.31 L/hr
Input Capacity	348,000 btu/hr	102 kW/h
Output Capacity	285,000 btu/hr	83.6 kW/h
Max Thaw Capacity	6000 ft2	8000 ft2 *
	8000 ft2	10000 ft2 *

* With additional hoses added

OPERATIONAL - GENERAL

Primary Circ Hose	3/4" Quick Connect
Primary Circ Hose Loop	500' min 1000' max
On Board Hose Reel	3000' max
Manifold	6 Port Outlet & Inlet x 1" QC
Flow Through Fittings	1 1/4" Camlock Male & Female
Circ Pump @ 35 PSI	2 @ 1.5 HP
Circ Pump - Both Pumps	16.1 US g/min 61 L/min
Circ Pump - Both Pumps	965 US g/hr 3653 L/hr
Flow Reversing Sytem	Adjustable cycle, temp. optimizing dial

PHYSICAL

Fixed Flue Venting	8" dia x 12" c/w Rain Cap	
Trailer Hitch	2' Pintail Hitch	
Tire Size	225/75 R15	
Dimensions - W Frame	76"	193 cm
Dimensions - D Frame	188"	478 cm
Dimensions - H Frame	89"	226 cm
W/flue & cap - H	98"	249 cm
Weight	5950 lbs	2699 kg
Forklift Pockets	4" x 8" (24" spread)	
Lift Design	Centre mount factory lift pt	
Crane	Shop drawing available upon request	



ROLL IN

Nothing is better than a customized trailer when we talk about "Roll In". That's exactly what this does.



PLUG IN

Connect up to six 3/4" hose runs to use a combined maximum length of 3000'.



TURN ON

Toggle switches and indicator lights step you through the start up and operation of this hydronic heater to ensure uninterrupted service.

We also rent industrial and portable air conditioning units, chillers, ventilation units, and pumps. Visit www.cool-air.com for our full line of rental equipment.

PROMPT, RELIABLE 24/7 EMERGENCY RESPONSE

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