



COOL AIR™ HEAT

HYDRONIC HEATER

1.2 MILLION BTU



Whether you need to temporarily replace an existing boiler or you have a complex heating application that requires a high degree of customization, this unit is the one for the job. This hydronic heater requires a fuel source from either a large propane cylinder or direct natural gas hook-up.

Features:

- For use either with portable fan coils or directly into a building's glycol/water loop
- Positioning is simple – roll, forklift or hoist into place
- Requires 208-volt w/ neutral, single-phase power

Applications:

- HVAC Retrofits and System Upgrades
- Temporary Structures
- Industrial Plants



This ten storey concrete tower lost its heating when a flood wiped out its boiler. Quick response by Cool Air meant this replacement hydronic heater was installed and operational in a little over one day.



Normally, heating this craft fair in a large cavernous space would have been quite problematic. We used six strategically-placed fan coils to move warm air to where it was most needed, keeping vendors and visitors comfortable.



When this building's boiler needed an upgrade, we stepped in to ensure they'd have heat while the work was being done. Our unit hooked into their existing water/glycol loop, for a quick and painless install.

HEAT...IN A HURRY

HYDRONIC HEATER - GAS FIRED 1.2M BTU (HGB1200H21)

HEATING

Controls	All pressures & temps
Capacity	1.2M btu/hr
Stages	2
Ambient Operating Range °F	120 °F to 200 °F
Ambient Operating Range °C	49 °C to 93 °C

ELECTRICAL

Voltage	4 wire - 208/230 V w/ neutral
Phase	Single
Breaker Size	30 amps/ FLA 15
Plug	L14-30 HBL 9431P

OPERATIONAL - NATURAL GAS FIRED

Input capacity	1,233,000 btu
Output capacity	1,023,390 btu
Gas pressure range	6" to 14" wc
Manifold gas pressure	3.5" to 4" wc
Consumption (max)	1233 ft ³ /hr 34.9 m ³ /hr

OPERATIONAL - PROPANE FIRED

Input capacity	1,139,360 btu
Output capacity	941,544 btu
Gas pressure	11" wc
Manifold gas pressure	10" to 11" wc
Consumption (max)	14.3 g/hr 54.1 l/hr

OPERATIONAL - GENERAL

Primary Lines	2"
Ball Valves	2"
Camlock Hose	2"
Circulation pump @ 30 PSI	2 HP
Circulation pump @ 30 PSI	80 g/min
Circulation pump @ 30 PSI	364 l/min

PHYSICAL

Model	HGB1200H21	
Flue Vent	16" dia x 48"	
Dimensions - Width Frame	48"	122 cm
Dimensions - Depth Frame	119"	302 cm
Dimensions - Height Frame	86"	219 cm
Dimensions w/casters - Width	50"	127 cm
Dimensions w/casters - Depth	121"	308 cm
Dim. w/flue & cap - Height	136"	346 cm
Weight	2365 lbs	1072 kg
Forklift Pockets	4"x8" (31" spread)	
Lift Design	Engineered 1" EI/ES	
Crane	Shop drawing available upon request	

ROLL IN



Heavy duty casters and good mobility make locating these units a breeze. Wheel assemblies are removable for forklift or crane placement.

PLUG IN



2" camlock hose fittings can carry water or a glycol/water mix to your building's dedicated loop or to our portable fan coils, whichever is more convenient.

TURN ON



Hookup to propane or a natural gas source is simple, allowing this unit to run for extended periods of time.

We also rent industrial and portable air conditioning units, fans, and industrial strength heating units. Visit www.cool-air.com for our full line of rental equipment.

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