



COOL AIR™ HEAT

BOILER

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. The boiler itself 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 single phase power.

Applications:

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



It was simple to place this boiler back behind the building, out of sight and out of the way of customers. We hooked up to our client's natural gas line and fired up the boiler. Warm conditions made everyone happy.



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 BOILER - 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 in/wc
Manifold gas pressure	3.5 to 4 in/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 range	11 in/wc
Manifold gas pressure	10 to 11 in/wc
Consumption (max)	14.3 g/hr 54.1 l/hr

OPERATIONAL - GENERAL

Primary Lines	2"
Ball Valves	2"
Cam-Lock 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	
Venting	16 in/dia	
Dimensions - Width Frame	48"	122cm
Dimensions - Depth Frame	119"	302cm
Dimensions - Height Frame	86"	219cm
Dimensions w/casters - Width	50"	127cm
Dimensions w/casters - Depth	121"	308cm
Dimensions w/casters - Height	93"	235cm
Weight	1815 lbs	823kg
Forklift Pockets	4"x8" (24"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" camlok 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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