



COOL AIR[™] HEAT

HYDRONIC HEATER

400.000 BTU



This relatively compact yet powerful hydronic heater is ideal for medium sized structures. When your building needs heat quickly, this versatile unit is a great choice. With our potable heater exchanger, your domestic water maintains its integrity. Its low pressure and atmospheric venting mean no special boiler certification or supervision is required for its operation. Our mechanics can set it up for you, or we'll package all the required components, and your forces can get operational quickly.

Features:

- Tie directly into a building's heat system, or add fan coils for heat distribution.
- Positioning is simple – roll, forklift or hoist into place.
- Weatherproof construction.
- Requires readily available 115-volt single phase power.

Applications:

- HVAC retrofits and system upgrades
- Industrial plants
- Emergency heat



The repair of a broken hydronic heating system quickly revealed an issue far larger, and the need for a completely new unit. While repairs were underway, we supplied a custom solution to keep the building and its residents warm.



A dedicated unit at this animal shelter went offline during a cold snap, putting the furry creatures at risk. We were there "quick as a bunny" ensuring all were kept safe until the existing equipment was functioning once again.



A winter craft fair moved into this tensioned fabric building requiring additional heat to ensure vendor and customer comfort. We added two hydronic heaters outside the building, supplying fan coils located inside creating an enjoyable experience for all.

HEAT...IN A HURRY

HYDRONIC HEATER - GAS FIRED 400K BTU (HGB400H11)

HEATING

Controls	All pressures & temps
Capacity	400,000 BTU/hr
Stages	Single
Ambient Op. Range °F	130 °F to 200 °F
Ambient Op. Range °C	49 °C to 93 °C

ELECTRICAL

Voltage	115
Phase	Single
Breaker Size	15
Amp Draw	11.4
Plug	5-15P

OPERATIONAL - NATURAL GAS FIRED

Input capacity	354,960 BTU/Hr
Output capacity	285,000 BTU/Hr
Gas pressure range	5" to 7" wc
Manifold gas pressure	3.5" wc
Consumption (max)	354.96 ft ³ /hr 10.05 m ³ /hr

OPERATIONAL - PROPANE FIRED

Input capacity	354,756 BTU/Hr
Output capacity	291,000 BTU/Hr
Gas pressure range	5" to 7" wc
Manifold gas pressure	5" wc
Consumption (max)	3.9 US g/hr 14.7 l/hr

OPERATIONAL - GENERAL

Primary Lines	1 1/4"
Ball Valves	1 1/4"
Camlock Hose	1 1/4" male & feml.
Heat Transfer Fluid on Board	20 US gal 80 L
Circulation pump	0.75 HP
Circulation pump @ 35 PSI	965 g/hr 3653 l/hr
Gas line fitting	1" male JIC

PHYSICAL

Model	HGB400H11	
Venting	6" dia w/ Rain Cap	
Swivel Casters	5" Algood Polyolefin	
Dimensions - W Frame	60"	153 cm
Dimensions - D Frame	55"	140 cm
Dimensions - H Frame	82"	208 cm
Dimensions w/casters - W	62"	157 cm
Dimensions w/casters - D	57"	145 cm
Dimensions w/casters - H	89"	226 cm
Weight	2040 lbs	924 kg
Forklift Pockets	4"x8" (31" spread)	
Lift Design	Engineered 1" EI/ES	
Crane	Shop drawing available upon request	

ROLL IN



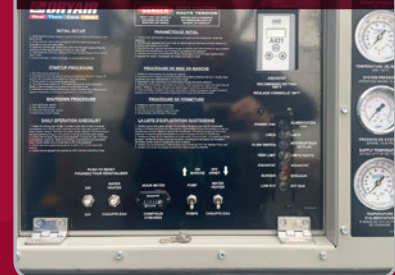
Housed in a galvanized steel frame, these units can be moved into position by forklift or crane, or with the caster assemblies in place, rolled.

PLUG IN



1 1/4" Camlock hose fittings carry the glycol/water mix to your buildings dedicated loop or to our portable fan coils or heat exchanger.

TURN ON



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

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

PROMPT, RELIABLE 24/7 EMERGENCY RESPONSE

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