

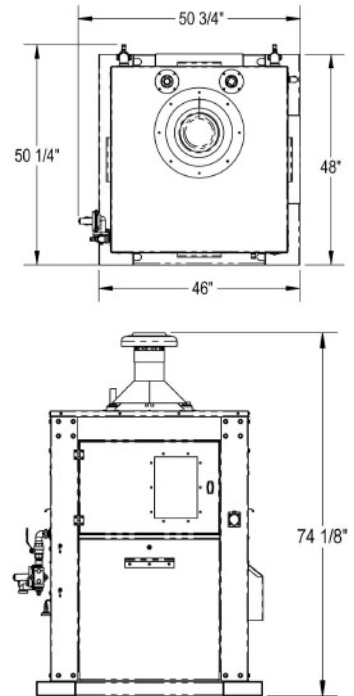
Central Heating Unit

Model 2100-0400 (NG or LP Gas)



Features

- With over 350,000 BTU's the 400CHU has the power to heat small to medium sized structures, thaw over 6,000 square feet of frozen ground or cure concrete slabs up to 14,000 square feet.
- The compact size and bi-directional fork pockets make the 400CHU easy to place on even the smallest job sites.
- System operation is controlled and monitored from the central heating module control panel.
- 7 LED lights indicate operation of all essential systems for easy monitoring and troubleshooting.
- Fluid circulation system is low pressure and atmospherically vented. There is no chance of an explosion or line burst due to pressure build-up. No special boiler certification is required to operate unit.
- A "rapid air elimination" feature ensures quick setup-and-go operation.
- Modular design allows the unit to conform to most special job requirements.



Combine the 400CHU with DRYAIR accessories for specialty heating projects, including:

D-CAN 30 Desiccant Dehumidifier: Dry out flooded structures, or control humidity in buildings under construction to speed drying time of paint, mortar, specialty coatings, or drywall compound.

Plate Exchanger: Temporarily tie in to boiler systems while the permanent water heater is being replaced or down for maintenance.

HE250EX Explosion Proof Exchanger: 250,000 BTU's of explosion proof space heating for oil & gas sites or industrial/mining applications where there is a risk of combustion from airborne gases or particles in the space.

Hose Reel & Thawing/Curing Hose: Wrap pipelines or fluid vessels to provide freeze protection.



Specifications

Natural Gas		Internal fluid circulation system	
Input capacity	354,960 BTU/H, (104 kW)	Basic features.....	Atmospherically vented, low pressure. Single supply & return.
Consumption (Max)	354.96 ft ³ /H (10.05 M ³ /H)		Adjustable fluid temperature control.
Propane			Auto pressure by-pass for pump protection and variable flow demands.
Input capacity	354,756 BTU/H, (104 kW)		Auto temperature bypass for heat exchanger protection.
Consumption (100% run time)	3.9 US Gal/H, (14.7 L/H)		965 US Gal/H (3,653 L/H)
Weight	1,370 LBS, (621 KG)	Circulation pump	35 PSI
Electrical	Single phase, 120 V, 60 Hz, 11.4 Amps	Operating pressure - Max	Fluid circulation lines - 1-1/4"
Loading - standard.....	Forklift pockets	Primary circulation.....	Ball valves - 1-1/4"
Heat exchanger.....	Water jacket / fire tube type		Kamlock quick couplers - 1-1/4"
Fluid temperature range	120°F - 200°F, (49°C - 93°C)	Heat transfer fluid (HTF)	Non-toxic propylene glycol / water mixture.
Control & monitoring	Pump & temperature controls.		Freeze protected.
	Full gauge panel showing circulation fluid temperatures & pressures. 7-light system operation feature for easy troubleshooting.	Certification	CSA/UL certified by TÜV
Lock-out.....	Locks out control panel access		

