

PRODUCT SPECS

CENTRAL HEATING UNIT 1800 CHU



FEATURES

- The 1800 CHU has the heating power to take on the largest winter heating projects. Thaw over 32,250 sq ft of frozen ground; cure concrete slabs up to 72,000 sq ft.
- The Tri-fuel capable 1800 CHU offers the versatility to run on NG or LP gas, or can be plumbed into a portable fuel tank to run on diesel.
- The 1800 CHU includes DryAir's patented fuel and air pre-heater for a trouble-free operation, regardless of temperature swings.
- Bi-directional fork pockets and the optional lifting frame make the 1800 CHU easy to place and maneuver.
- 7 LED lights indicate operation of all essential systems for easy monitoring and trouble-shooting.
- 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 required.

ADVANTAGES TO DUAL BURNERS

- **Redundancy:** In the unlikely event an issue arises with one of the burners, the other will continue providing heat to the space until the problem is addressed.
- **Flexibility:** The burners in the 1800 CHU are the same burners in the 900 CHU, 900 GTS FLEX, 1800 HHP and Heat Center Pro. Stocking burners in natural gas, propane and diesel provides owners of DryAir equipment with the flexibility to easily switch between the different fuel sources on 5 of the above mentioned DryAir models with a simple burner exchange.



400 Service Road, St. Brieux, SK, S0K 3V0, Canada

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PRODUCT SPECS

CENTRAL HEATING UNIT 1800 CHU *cont'd*

SPECIFICATIONS

Burners..... Two stage

Fluid Temperature

range 130°F to 180°F

Fuel Specs:

Diesel

Input Capacity

- 1,792,000 Btu/h

Output Capacity

- 1,523,200 Btu/h

Consumption (max)

- 12.8 US gph

Natural gas

Input Capacity

- 1,690,000 Btu/h

Output Capacity

- 1,352,000 Btu/h

Consumption (max)

- 1,577 cu ft/h

Propane

Input Capacity

- 1,715,000 Btu/h

Output Capacity

- 1,372,000 Btu/h

Consumption (max)

- 18.7 US gph

Controls and monitoring:

Pump and temperature controls, full gauge panel showing circulation fluid temperatures and pressures, 7-light system operation feature for easy troubleshooting

Weight 3,840 lbs

Electrical 230 V, single phase, 60 Hz, 30 A

Loading (standard):

Forklift pockets

Heat exchanger:

Water jacket/fire tube type

Internal fluid circulation system:

Basic features

- Atmospherically vented low pressure system, single supply and return, adjustable fluid temperature control, auto pressure bypass for pump protection and variable flow demands, auto temperature bypass for heat exchanger protection

Heat transfer fluid (HTF)

- Non-toxic propylene glycol/water mixture, freeze protected

Primary lines and couplers

- 2" fluid circulation lines, 2" ball valves, 2" Kamlok® quick couplers

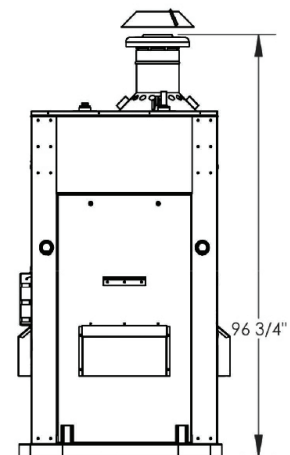
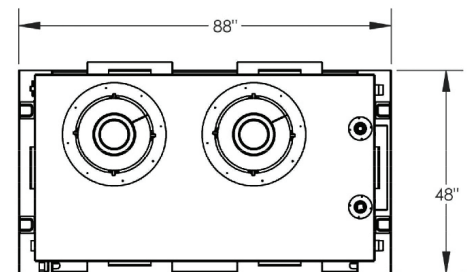
Circulation pump

- 3 hp, 3,500 rpm, 110 gpm @ 30 psi

Lock-out..... Locks out control panel access

Certification:

UL/CSA certified



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