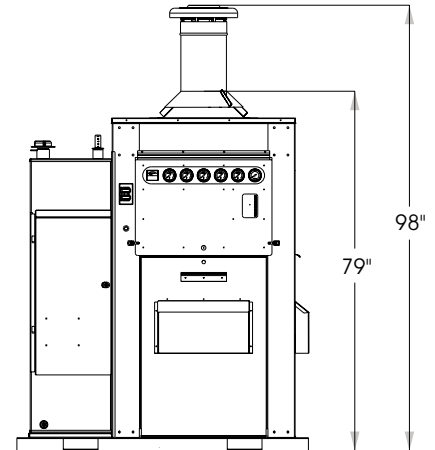
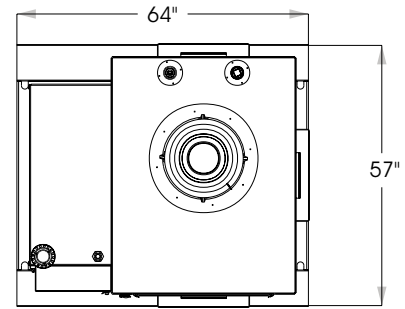


Central Heating Module

Model 2100-0900



- includes unique "Climate Control" system which ensures efficient and reliable burner operation in all conditions
- Compact and portable design for easy positioning on the work site.
- All system operation is controlled and monitored from the central heating module control panel
- 8-light system operation feature for easy system 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 the system.
- Quick-connect hose couplers, "no-drain" fluid lines and a "rapid air elimination" feature ensures quick setup-and-go operation.
- A transport trailer is available and is specifically designed to carry the Dryair 2100-900 central heating module.
- Trailer has a built-in lock box for enclosing an optional portable generator.
- Add an optional diesel-powered genset for complete self-contained operation on a non-powered site.
- Conforms to most special job requirements due to its modular nature.



Features:

- Diesel / light oil fired system
- Single stage burner
- Temperature control and fuel usage is automatic.

Specifications

Burner	- Two stage, Diesel fuel/#1 or 2 heating oil, 85% efficient
...Input capacity	- 896,000 BTUH
...Output capacity	- 761,600 BTUH
...Fuel consumption	- 6.4 US GPH (24.2 LPH)
Weight	- Dry - 2,800 LB. (1,270 KG), Wet - 4,100 LB. (1,860 KG)
Electrical	- Single phase, 115/230 V, 60 Hz, 30 Amps
Loading - standard	- Forklift pockets on all sides
Heat exchanger.....	- Water jacket / fire tube type, 45 GAL. (170 L) fluid volume, 120°F to 200°F (49°C to 93°C) fluid temperature range.
Fuel tank	- Welded steel, 187 US GAL. (708 L) fuel capacity, 29 hrs operating range at full output
Climate control system	- Maintains optimum burner reliability and efficiency at a full range of ambient temperature conditions. Assures system start-up and operation in all conditions.
...Before system start-up	
.....Pre-heater	- 4000 Watt electric circulation heater, 240V, preheats heat exchanger glycol before system start-up.
...During system operation	
.....Fuel heater	- Automatically maintains set fluid temperature. Fluid (hot glycol)-to-fluid (fuel) heat transfer.
.....Combustion air heater	- Automatically maintains set combustion air temperature. Fluid (hot glycol)-to-air heat transfer utilizing a heat transfer coil.

Control & monitoring	- Pump & temperature controls. Full gauge panel showing circulation fluid temperatures & pressures, fuel pressures and 8-light system operation feature for easy system troubleshooting.
Internal fluid circulation system	
...Basic features.....	- Atmospherically vented & low pressure, single supply & return, adjustable fluid temperature control, auto pressure bypass for pump protection and variable flow demands, auto temperature bypass for heat exchanger protection.
...Circulation pump	- 2 HP. 80 US GPM (303 LPM) @ 30 PSI.
...Primary circulation.....	- 2" fluid circulation lines, 2" ball valves, 2" Kamlock quick-couplers.
...Heat transfer fluid (HTF)	- Non-toxic propylene glycol / water mixture, freeze protected.
...Lock-out package	- locks out primary "supply" & "return" fluid circulation valves and control panel

Optional	
...Transport trailer	
...Generator	- Diesel



Heat Thaw Cure Dry