

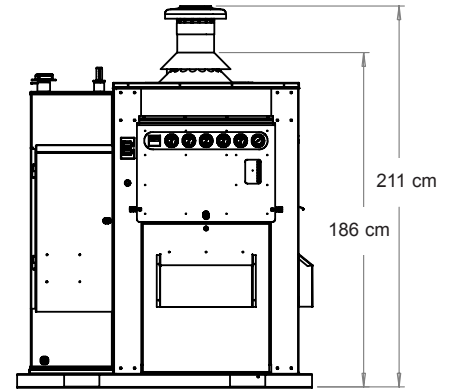
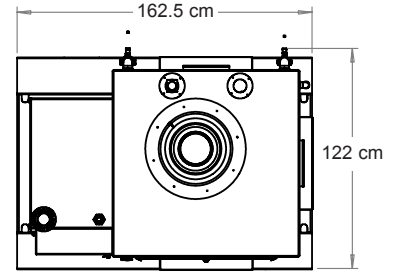
Central Heating Module

CHM2100-180EU



Features

- Diesel / light oil fired system with a single stage burner
- Temperature control and fuel usage is automatic.
- 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.
- Conforms to most special job requirements due to its modular nature.



Specifications

Burner	Single stage	Control & monitoring	Pump & temperature controls.
..... Diesel fuel/#1 or 2 heating oil		..... Full gauge panel showing circulation fluid temperatures & pressures, fuel pressures.	
Input capacity	182 KW	..... 8-light system operation feature for easy system troubleshooting.	
Output capacity	149 KW		
Fuel consumption	16.8 LPH, 14.3 KG/H	Internal fluid circulation system	
Weight	Dry - 680 KG, Wet - 1,225 KG	Basic features	Atmospherically vented, low pressure.
Electrical	Single phase, 230 V, 50 Hz, 20 Amps	..... Single supply & return.	
Loading - standard	Forklift pockets, 4-point sling lift	..... Adjustable fluid temperature control.	
Heat exchanger	Water jacket / fire tube type	..... Auto pressure by-pass for pump protection and variable flow demands.	
..... Fluid volume - 94.6 L		..... Auto temperature bypass for heat exchanger protection.	
..... Fluid temp. range - 49°C to 93°C		Circulation pump .....	.2900 RPM, 1-1/2 HP., 1.1KW
Fuel tank	Welded steel	..... Flow - 11.34 M ³ /HR @ 21 M W.C.	
..... Fuel capacity - 492 L		Primary circulation	Fluid circulation lines - 40 MM
..... 29.3 hr operating range at full output		..... Ball valves - 40 MM	
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.	..... Kamlock quick couplers - 40 MM	
		Heat transfer fluid (HTF)	Non-toxic propylene glycol / water mixture.
"Before system start-up"		..... Freeze protected.	
....Pre-heater	4000 Watt electric circulation heater, 240V, Preheats heat exchanger glycol before system start-up.	Lock-out	locks out primary "supply" & "return" fluid circulation valves and control panel
"During system operation"			
....Fuel heater	Automatically maintains set fuel temperature. Fluid (hot glycol)-to-fluid (fuel) heat transfer.	Optional	
....Combustion air heater	Automatically maintains set combustion air temperature. Fluid (hot glycol)-to-air heat transfer utilizing a heat transfer coil.	Transport trailer	
		Generator	Diesel



Heat Thaw Cure Dry

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