

# CLM COOLANT HEATING SYSTEM

The HOTSTART CLM is a complete coolant preheater with pump, flow switch, thermostat and all required controls. The CLM heats engines up to 400L displacement. Forced circulation of the coolant delivers uniform heating throughout the entire engine, extends element life and reduces electrical consumption.

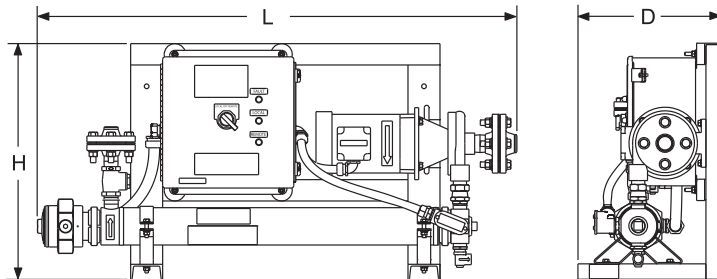


## APPLICATION

The CLM was developed to preheat diesel and gas engines for stationary land power, marine, rail, large mining and construction equipment.

## SPECIFICATIONS

- Heating Fluid: Engine coolant (50% glycol/50% water)
- Power: Up to 36kW
- Rated Voltage: 3 Phase 240V-690V, 50 or 60Hz
- Tank Material: Steel
- Thermostat: Adjustable 32°-210°F (0°-100°C)
- High Limit Temp. Control: 195°F (90°C)
- Ingress Protection: IP54, NEMA 12 & 13
- Fluid Capacity: .925 gl (3.5L)
- Pump Power: 0.75HP (.56kW)
- Flow: 40GPM (9.0 m<sup>3</sup>/hr) @ 40ft head (1.2 bar)
- Max Pressure: 125PSI (8.61 bar)
- Pressure Loss: 3PSI (0.20 bar)
- Pressure Relief Valve: 90PSI (6.2 bar)
- 1 1/4" NPT Inlet, 1" NPT Outlet  
DN32 Inlet, DN25 Outlet (DIN2633)\*  
\* Shown w/DIN flanges (sold separately)



### Dimensions & Weight

Height (H)	In (mm)	22.1 (562)
Length (L)	In (mm)	44.9 (1142)
Depth (D)	In (mm)	13.4 (341)
Weight	lbs (kg)	171 (77.6)

## FEATURES

- CE compliant
- Designed and tested to meet DNV Marine Classification
- 24VDC relay for auto ON/OFF
- Auxiliary contacts for remote monitoring
- Optional E-stop connection

