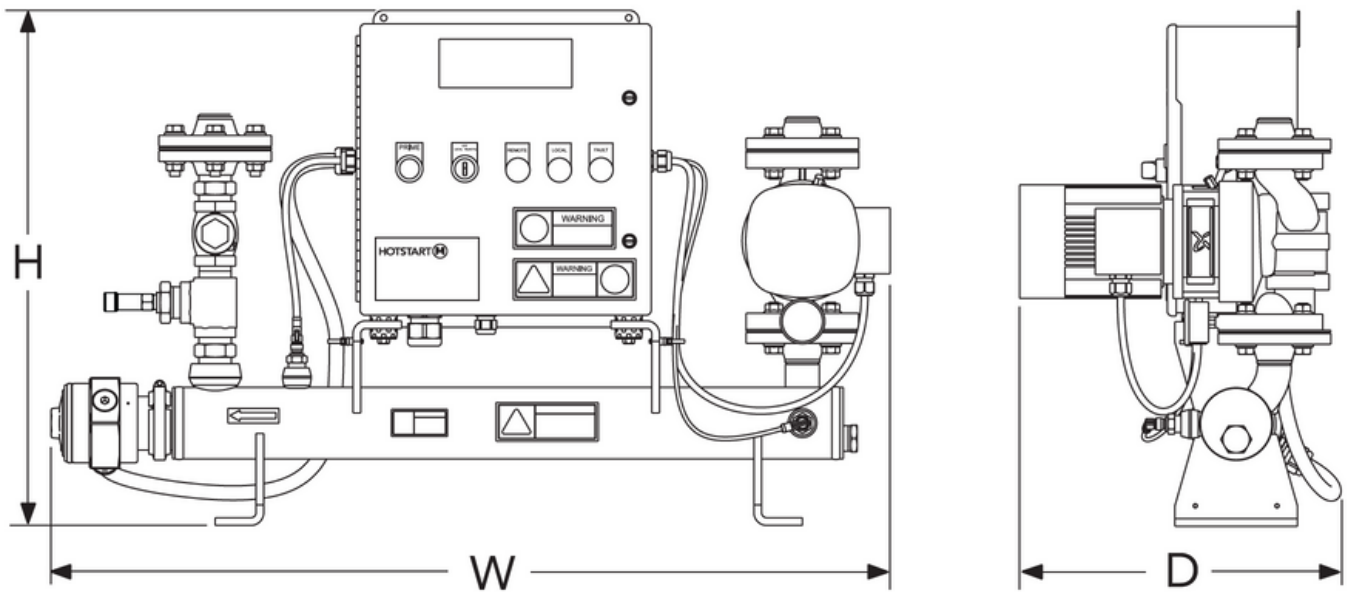




CLM coolant heating system

The CLM coolant preheater is specially developed for the heating of marine engines, and diesel and gas engines for power plants and mining equipment. The CLM heater was designed with usability, reliability and safety in mind. The compact preheater includes a remote automatic function, customer interface connections, pressure relief valve, and PT-100 sensors for precise temperature monitoring and control.

Specifications			
System		Coolant	
Phase	Three-phase (3 Ø)	Fluid Type	Coolant mix (50% water / 50% glycol)
Voltage (50 Hz)	400V (380 - 415V); 690V	Heat Power	27 kW; 30 kW; 33 kW; 36 kW
Voltage (60 Hz)	380V; 440V; 480V; 600V; 690V	Temperature Control	Adjustable, 32 – 176°F (0 – 80°C)
Control Box Ingress	NEMA 4 / IP66	Control Set Point	122°F (50°C), factory set
Motor Ingress	IP55	Temp. high-limit	195°F (90°C)
Min./Max. Ambient Temperature Certification	-4 – 104°F (-20 – 40°C)	Pump Power	0.75 hp (0.55 kW)
	<ul style="list-style-type: none"> • CSA C/US • CE conformance • Marine Society certification available 	Flow (50 Hz)	39 gpm @ 25 ft H ₂ O (8.9 m ³ /hr @ 7.6 m H ₂ O)
		Flow (60 Hz)	39 gpm @ 33 ft H ₂ O (8.9 m ³ /hr @ 10 m H ₂ O)
		Inlet/Outlet	1" NPT
		Pressure Relief	100 psi (690 kPa)
		Max. Pressure	100 psi (690 kPa)



Height (H)	Width (W)	Depth (D)	Weight
26"	42"	16"	171 lbs
660 mm	1067 mm	406 mm	77.6 kg

Model information

Proper heating system specification is dependent on multiple factors, including heated area dimensions, fluid volumes, ambient conditions, and other considerations. Additional heating system options not listed, including heat power, may be available.