



Hotstart®

THERMAL MANAGEMENT



CTM HOTflow

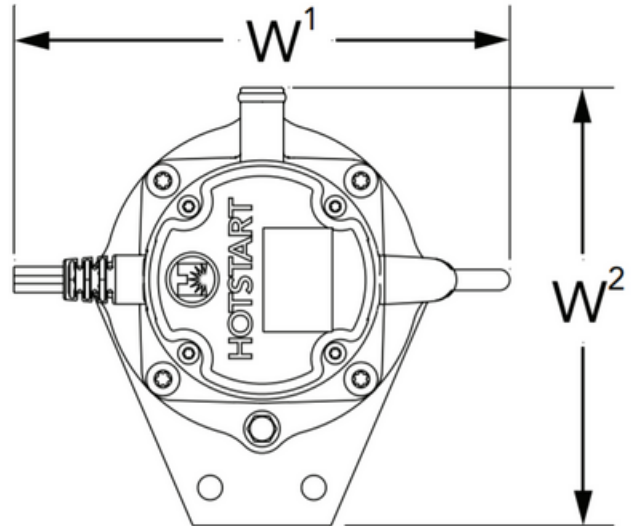
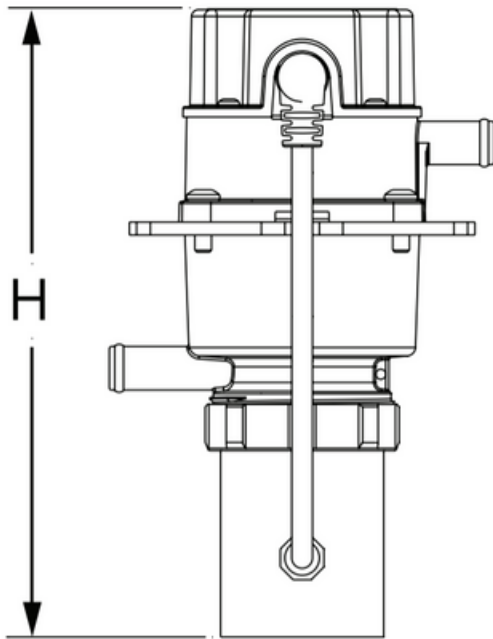
Hotstart's CTM HOTflow heating system is a coolant preheater, developed to maintain optimal temperatures for diesel and gas engines in stationary land power, marine, construction equipment, and truck applications. The CTM model heats engines up to 50 liters in displacement. This makes them suited for various small-engine applications, e.g. powergen, marine, machinery, trucks, and busses.

Forced circulation of the coolant delivers uniform heating throughout the entire engine, which extends element life and offers a significant reduction in electrical consumption.

Specifications			
System		Coolant	
Phase	Single-phase (1 Ø)	Fluid Type	Water; coolant mix (50% water/50% glycol)
Voltage (60 Hz)	120V; 240V	Heat Power	1 kW; 1.5 kW; 2.5 kW
Voltage (50 Hz)	240V	Temperature Control	Fixed, 100 – 120°F (38 – 49°C)
Ingress	IP44	Temperature High Limit	300°F (149°C)
Min./Max. Ambient Temperature	-40 – 104°F (-40 – 40°C)	Flow	3.5 gpm @ 4 psi (13.3 L/min @ 28 kPa)
Application	For use in weather protected applications	Inlet/Outlet	0.625" (16 mm) hose barb

Features

- UL-C/US recognized models available (E250789)
- CE-compliant models available
- Compact design
- Easy to install



Height (H)	Width 1 (W ¹)	Width 2 (W ²)	Weight
9.1"	5.7"	6.3"	3.5 lbs
230 mm	145 mm	161 mm	1.6 kg

Vibration Isolation Kit (CTM IMK)

Optional kit protects the heating system from damaging engine vibration. For use in mobile applications or non-isolated stationary skid installations.

