

HOTflow™ HEATING SYSTEM — CTM

HOTSTART's HOTflow™ heating system (CTM model) is a complete coolant preheater. It features an integrated pump that combines the benefits of forced circulation with a compact design that can mount to a variety of small engine applications. The CTM model heats engines up to 20L displacement. Forced circulation of the coolant delivers uniform heating throughout the entire engine, extends element life and offers a significant reduction in electrical consumption.

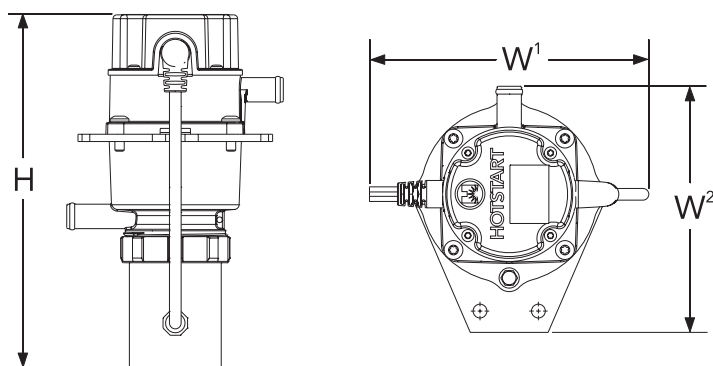


APPLICATION

HOTflow™ model CTM was developed to preheat diesel and gas engines for stationary land power, marine and construction equipment.

SPECIFICATIONS

- Heating Fluid: Engine coolant (50% glycol/50% water)
- Heat Power: 1, 1.5, and 2.5 kW
- Voltage Range: 1 Phase 120V, 60Hz, 240V 50/60Hz
- Fixed Thermostat: 100-120°F (38-49°C)
- Ingress Protection: IP44
- Flow: 3.5GPM (.79 m³/hr) @ 3 PSI (21 kPa)
- Inlet/Outlet: .625" (16mm) hose barb
- For use in weather protected applications



Dimensions & Weight

Height (H)	Width1 (W)	Width2 (W)	Weight
9.1" 230mm	7.0" 145mm	6.3" 161mm	3.5 lbs. 1.6 kg

FEATURES

- CE compliant models available
- Compact design
- Easy to install



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PART NUMBERS

Engine Displacement	120V	240V N. American cord	240V Euro cord	kW	Amps 120/240V	Thermostat Range
0 - 500cid 0 - 8L	CTM10110-A00	CTM10210-N00 CTM10210-A00	CTM10210-E00	1	8.8/4.4	On 100°F (38C) Off 120°F (49C)
500 - 750cid 8 - 12L	CTM15110-A00	CTM15210-N00 CTM15210-A00	CTM15210-E00	1.5	13.0/6.5	On 100°F (38C) Off 120°F (49C)
750 - 1200cid 12 - 20L	CTM25110-A00	CTM25210-N00 CTM25210-A00	CTM25210-E00	2.5	21.3/10.7	On 100°F (38C) Off 120°F (49C)

Isolation Mounting Kit (optional)

CTM-IMK

Suffix Descriptions

Suffix	Description	Industry Approvals
A00	3m HPN cord, no plug	
E00	Euro cord w/ Schuko plug	CE
N00	1.2m cord w/ NEMA plug	

