

Thermosiphon Heating Systems CB • CL • WL



CB heater with thermostat shown



CL heater without thermostat shown



HEAVY DUTY HEATING

OEMs expect dependable heating for their engines. Hotstart's Thermosiphon Tank Heaters are the industry standard for consistent, reliable coolant heating for stationary power, equipment, marine and truck applications.



PRECISE HEATING CONTROL

Keeping critical fluids heated is key to easy engine starts regardless of ambient temperature. The CB, CL and WL heaters come with or without flow-through thermostats for precise heat control. The heaters can be configured with fixed or adjustable thermostats to best meet your heating needs.



SAFE AND EASY OPERATION

Pressure die-cast aluminum tank construction means Hotstart heaters are built to last. Each unit includes a hi-limit safety thermostat rated for 205 °F (95 °C) ensuring safe operation day to day, year after year.



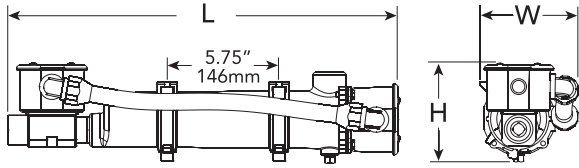
EQUIPMENT MANUFACTURERS SOLUTION

The CB, CL and WL heaters are ideal for OEM specifications requiring a wide range of heat power and phase options that can be hard wired into existing power systems.





CB Heater with thermostat shown



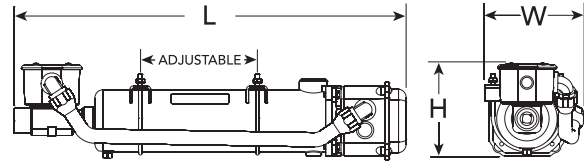
CB Model			
Length (L)	Width (W)	Height (H)	Weight
20.1"	5.1"	5.2"	6.9 lbs
510 mm	129 mm	132 mm	3 kg

CB / CL System	
Phase	single-phase (1 Ø)
Voltage	120V 208V 240V 277V 380V 480V
Ingress	NEMA 4
Min./Max. Ambient Temp.	-4–104°F (-20–40°C)
Certification	UL/C-US listed, CE-compliant

CB / CL Coolant			
Fluid Type	Water	Coolant mix (50% water/50% glycol)	
CB Heat Power	1.5kW	2kW	2.5kW
CL Heat Power	3kW	4kW	5kW
Temp. Control	Fixed, 100–120°F (38–49°C)		
Temp. High-limit	205°F (96°C)		
Max. Pressure	125 psi (860 kPa)		
Inlet/Outlet	1" NPT		

Temperature Range	
ON	OFF
80°F (27°C)	100°F (38°C)
100°F (38°C)	120°F (49°C)
120°F (49°C)	140°F (60°C)
Adjustable 90–130°F (32–54°C)	

CL / WL Heater with thermostat shown



CL / WL Models			
Length (L)	Width (B)	Height (H)	Weight
23.5"	6.2"	5.8"	10 lbs
597 mm	158 mm	147 mm	4.5 kg

WL System	
Phase	three-phase (3 Ø)
Voltage	208V 240V 400V 480V 575V
Ingress	NEMA 4
Min./Max. Ambient Temp.	-4–104°F (-20–40°C)
Certification	CE-compliant

WL Coolant			
Fluid Type	Water	Coolant mix (50% water/50% glycol)	
WL Heat Power	2.5kW	4kW	5kW
Temp. Control	Fixed, 100–120°F (38–49°C)		
Temp. High-limit	205°F (96°C)		
Max. Pressure	125 psi (860 kPa)		
Inlet/Outlet	1" NPT		

Temperature Range	
ON	OFF
80°F (27°C)	100°F (38°C)
100°F (38°C)	120°F (49°C)
120°F (49°C)	140°F (60°C)
Adjustable 90–130°F (32–54°C)	