

Thermosiphon Heating Systems

SB • SL



GENERATOR



HEAVY
EQUIPMENT

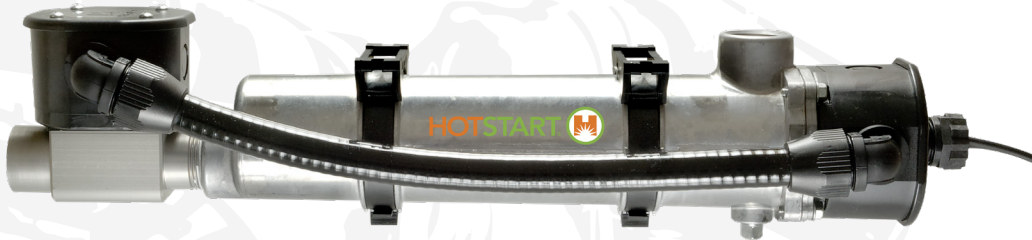


TRUCK
& BUS



MARINE

HOTSTART's SB and SL Thermosiphon heating systems are coolant preheaters developed to maintain optimal temperatures for diesel and gas engines in stationary land power, marine, construction equipment, and truck applications.



SB heater with
thermostat shown



SL heater without
thermostat shown



BENEFITS & FEATURES

INDUSTRY STANDARD HEATING

SB and SL heaters from HOTSTART provide more heating power for aftermarket applications than standard thermosiphon heaters, keeping engines ready for easy starts.

PRECISE HEATING CONTROL

Keeping critical fluids heated is key to easy engine starts regardless of ambient temperature. The SB and SL 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.

AFTERMARKET SOLUTION

The SB and SL heaters are ideal for aftermarket needs in a wide range of heat power with plug and play operation; the standard attached cord allows for easy power connection.

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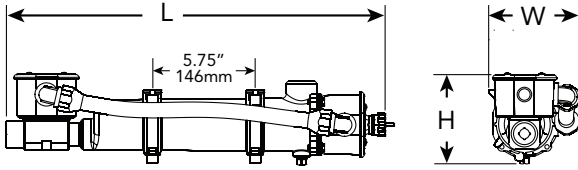


TRUCK & BUS



MARINE

SB Heater with thermostat shown



SB Model			
Length (L)	Width (W)	Height (H)	Weight
21.2"	5.1"	5.2"	6.9 lbs
538 mm	129 mm	132 mm	3 kg

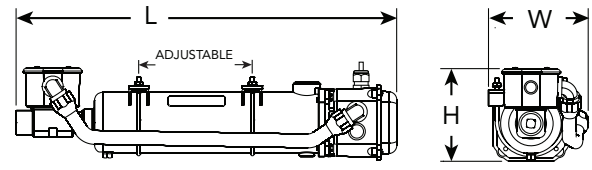
SB System	
Phase	single-phase (1 Ø)
Voltage	120V 208V 240V 277V
Ingress	NEMA 4
Min./Max. Ambient Temp.	-4–104°F (-20–40°C)
Certification	UL/C-US listed

SB Coolant	
Fluid Type	Water Coolant mix (50% water/50% glycol)
SB Heat Power	1.5kW 2kW 2.25kW 2.5kW
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)	

Options shown represent typical tested or certified configurations. Additional options or configurations may be available. For assistance with your heating system application, contact HOTSTART at 509.600.3700 or sales@hotstart.com.

SL Heater with thermostat shown



SL Models			
Length (L)	Width (W)	Height (H)	Weight
23.5"	6.2"	5.8"	10 lbs
597 mm	158 mm	147 mm	4.5 kg

SL System	
Phase	single-phase (1 Ø)
Voltage	208V 240V 277V
Ingress	NEMA 4
Min./Max. Ambient Temp.	-4–104°F (-20–40°C)
Certification	UL/C-US listed

SL Coolant	
Fluid Type	Water Coolant mix (50% water/50% glycol)
SL Heat Power	3kW 4kW
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)
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