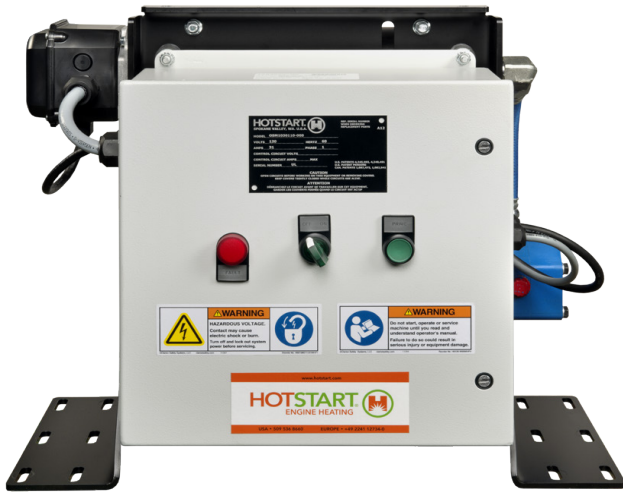


Oil Heating System **OSM**



Hotstart's OSM heating system is an oil heater, developed to heat and circulate oil to maintain optimal temperatures for diesel and gas engines for stationary land power, marine and mining equipment.



CLEAN, FULL POWER STARTS

Engine availability is critical for marine, machinery and backup power generation applications. The OSM heats and circulates engine lube oil throughout the engine sump and external piping, allowing for easy starts and decreased wear and tear.



DESIGN FLEXIBILITY

The OSM's controls allow for easy power connection and enables automatic heater operation, eliminating the need for additional customer-supplied control components.



COMPACT PACKAGED DESIGN

The OSM can be used in a variety of applications and installations. Its compact design features a single fluid heating tank and pump allowing for maximum heat output in a small space.



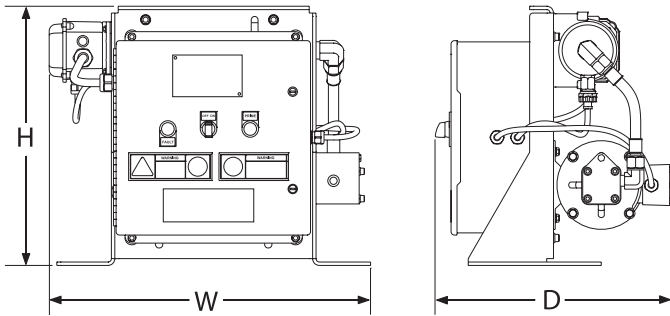
SUPPORT & SERVICE

Hotstart's offices in North America, Europe and Asia – combined with our partner and dealer network around the globe, decrease delivery times and provide localized service and support.



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. For assistance in selecting the heating system for your application, contact the Hotstart Sales office at 509.536.8660 or sales@hotstart.com.



Height (H)	Width (W)	Depth (D)	Weight
19"	23"	18"	100 lbs
483 mm	584 mm	457 mm	45 kg

System	
Phase	single-phase (1 Ø) three-phase (3 Ø)
Voltage (50 Hz)	230V 400V (380-415 V)
Voltage (60 Hz)	120V 208V 240V 440V 480V 600V
Control Box Ingress	NEMA 4 / IP66
Motor Ingress	IP44
Min./Max. Ambient Temp.	-4 °F / 104 °F (-20 °C / 40 °C)
Certification	UL-C/US listed - E250789 CE conformance to LVD 2006/95/EC, EMC 2004/108/EC, PED 97/23/EC

Oil	
Fluid Type	Lubrication oil
Heat Power	1 kW 1.5 kW* 2 kW 2.5 kW* 3 kW
Temp. Control	80–100 °F (27–38 °C), fixed**
Temp. High-limit	165–205 °F (74–96 °C), fixed
Pump Power	0.33 hp (250 W)
Flow (50 Hz)	3.31 gpm (0.75 m ³ /hr)
Flow (60 Hz)	4 gpm (0.9 m ³ /hr)
Inlet/Outlet	0.5" NPT / 1" NPT

* For heat power of 1.5 kW and 2.5 kW, consult with Hotstart engineering for available configurations.

** Additional temperature control options are available, contact Hotstart for more information.

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 509.536.8660 or sales@hotstart.com.

