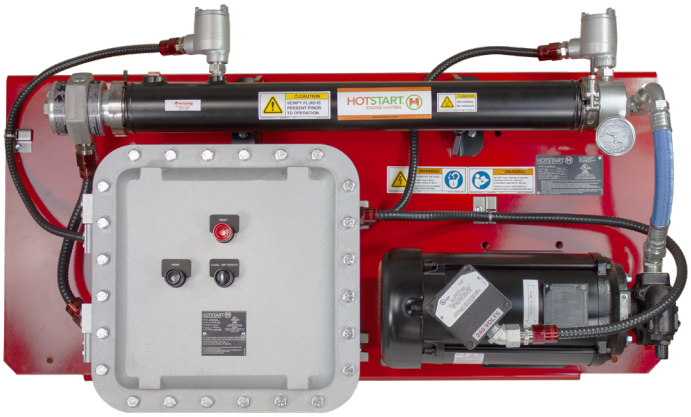
Hotstart®

Hazardous Location Oil Heating System

OLE



Hotstart's OLE is a large capacity oil heating system for use in North American hazardous locations and is designed to maintain an engine or compressor's optimal oil viscosity for gas compressor or offshore equipment applications.

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ENGINE & COMPRESSOR AVAILABILITY

To improve equipment startability and availability, the OLE continuously circulates heated oil throughout the oil sump or lubrication system, maintaining a uniform and consistent temperature to ensure oil viscosity is at optimal levels for engine or compressor protection.

REDUCED MAINTENANCE

Continuous lubrication of the compressor frame, bearings and crossheads with heated oil minimizes wear and tear, reducing overall maintenance. The OLE delivers the required flow to achieve pressure permissives for startup, eliminating the need for a separate prelube pump, motor and controller.

COMPLETE PACKAGED DESIGN

Designed as a user-friendly, pre-packaged system, the OLE includes all necessary components. The OLE's remote automatic function and customer interface connections enable it to be easily integrated into any control system.

PREVENTS CONDENSATION

In warmer, humid climates, temperature variation can cause condensation in the oil pan, contaminating the oil and compromising the oil's lubrication properties. By maintaining temperatures above the dew point, the OLE eliminates the risk of condensation forming during cool down periods.

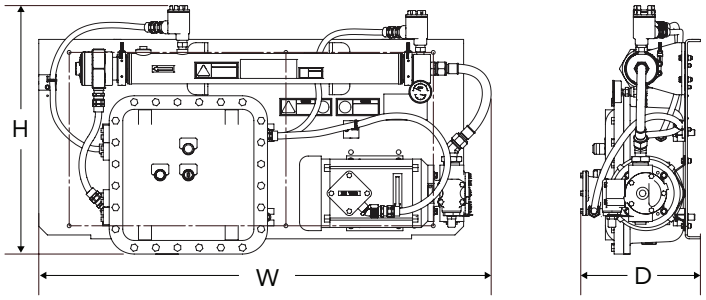
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Typical model shown.
Dimensions may vary.



Height (H)	Width (W)	Depth (D)	Weight
29″	52.5″	14″	525 lbs
737 mm	1334 mm	356 mm	238 kg

System	
Phase	single-phase (1 Ø) | three-phase (3 Ø)
Voltage	208 V | 240 V | 480 V | 575 V
Control Box Ingress	NEMA 4, 7, 9
Min./Max. Ambient Temp.	-4 °F / 104 °F (-20 °C / 40 °C)
Temperature Class	T3 Minimum
Altitude Rating (Motor)	3,300 ft (1,000 m)
Certification	UL-C/US Listed E474204 GPOB Class 1 DIV 1 Group D T3 Class 1 Zone 1 Group IIA T3

Oil	
Fluid	Lubrication oil
Heat Power*	2.5 kW | 6 kW | 9 kW | 12 kW | 18 kW | 24 kW
Temp. Control	32–176 °F (0–80 °C), adjustable
Control Set Point	105 °F (40 °C), factory set
Temp. High-limit	195 °F (90 °C)
Pump Power	1–5 hp (0.75–3.7 kW)
Flow	1.6–57 gpm (6.1 –215.8 L/min)
Inlet/Outlet	0.5" / 1" / 1.5" / 2.5" NPT | 1" / 1.5" NPT
Max. Pump Output	75 psi (520 kPa), pressure relief limited

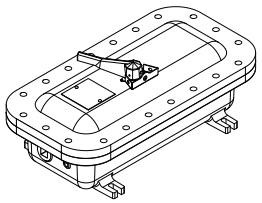
*Heat power options available with dual tank configuration – contact Hotstart for information and specifications.

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 281.600.3700 or oil.gas@hotstart.com.

Optional Lockout/Tagout Breaker Box for Hazardous Locations

Breaker Box

Optional breaker box provides a lockout/tagout disconnection point and overcurrent protection for Class I, Div 1 and 2, Group D classified heating systems.



Height	Length	Width	Weight
7.78″	20.5″	10.5″	45 lbs
230 mm	152 mm	161 mm	20.4 kg

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. Certification level of system dependent on component configuration. For assistance in selecting the heating system for your application, contact the Hotstart Oil & Gas office at 281.600.3700 or oil.gas@hotstart.com.

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