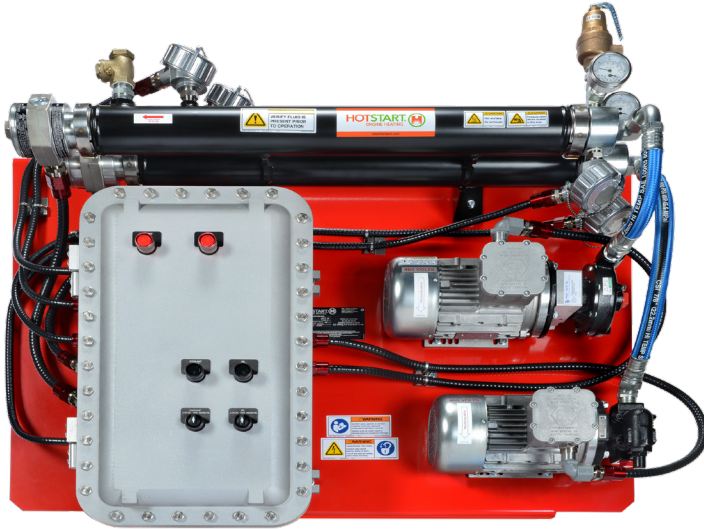


OCLA

Hotstart's OCLA is an IECEx/ATEX certified large capacity oil and coolant heating system for use in hazardous locations and is designed to maintain optimal engine starting temperatures and oil viscosity for gas compression or offshore equipment applications.



ENGINE AVAILABILITY

To improve equipment startability and availability, the OCLA maintains a consistent and uniform temperature by circulating heated coolant throughout the engine block and heated oil throughout the sump – eliminating hot spots and ensuring oil viscosity is at optimal levels for engine protection.



REDUCED MAINTENANCE & EMISSIONS

When compared to cold engine starts, maintaining optimal engine temperature during down time lowers NOx emissions during startup. Engine heating also eliminates the need for extended idling, reducing overall maintenance expenses.



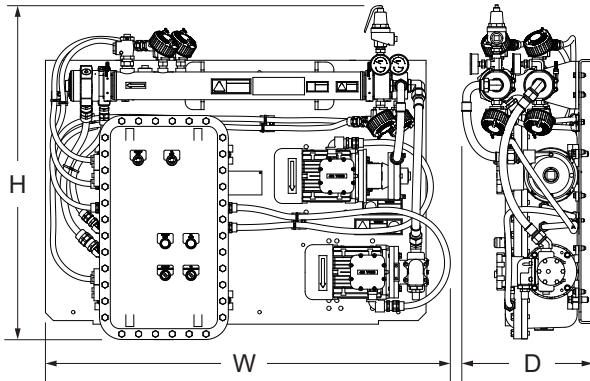
COMPLETE PACKAGED DESIGN

Designed as a user-friendly, pre-packaged system, the OCLA includes all necessary components. The OCLA'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 to collect in the cylinders and oil pan, resulting in frequent maintenance and compromising the oil's lubrication properties. By maintaining temperatures above the dew point, the OCLA eliminates the risk of condensation forming during cool down periods.



Height (H)	Width (W)	Depth (D)	Weight*
42.11"	48.0"	15.3"	521 lbs
1070 mm	1219 mm	387 mm	236 kg

System	
Phase	single-phase (1 Ø) three-phase (3 Ø)
Voltage (50Hz)	230V 400V
Min./Max. Ambient Temp.	-4°F / 104°F (-20°C / 40°C)
Temperature Class	T3
Altitude Rating (Motor)	3,300 ft (1,000 m)
Certification	IECEX/ATEX

Coolant	
Fluid Type	Coolant mix (50% water / 50% glycol)
Heat Power (1 Ø)	6kW 9kW 11kW
Heat Power (3 Ø)	6kW 9kW 11kW 12kW 18kW 24kW 30kW
Temp. Control	32–176°F (0–80°C), adjustable
Control Set Point	122°F (50°C), factory set
Temp. High-limit	195°F (90°C)
Pump Power	1 hp (0.75 kW)
Flow	30–45 gpm (113.5–170.3L/min)
Inlet/Outlet	1.25" NPT / 1" NPT
Pressure Relief	100 psi (690 kPa)

Oil	
Fluid Type	Lubrication oil
Heat Power	2.5 kW 6 kW 9 kW 12 kW
Temp. Control	32–212°F (0–100°C), adjustable
Control Set Point	105°F (40°C), factory set
Temp. High Limit	195°F (90°C)
Pump Power	1–3 hp (0.75–2.25 kW)
Flow	1.6–24 gpm (6.1–91 L/min)
Inlet/Outlet	determined by flow rate / 1" NPT
Max. Pump Output	75 psi (525 kPa), pressure relief limited

Certifications	
IECEX	IECEX UL 18.0106X Ex db IIA T3 Gb
ATEX	DEMKO 18 ATEX 2107X CE 0539 II 2 G Ex db IIA T3 Gb

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.

Model Information

Proper heating system specification is dependent on multiple factors, including heated area dimensions, fluid volumes, ambient conditions, and other considerations. 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.