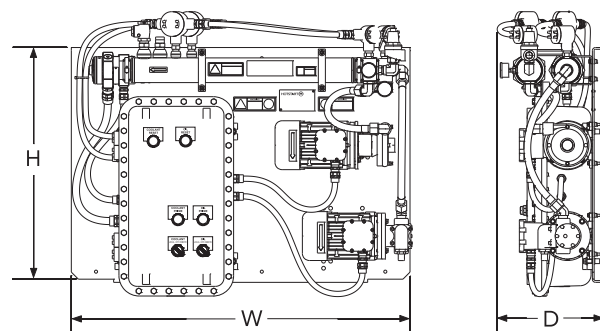
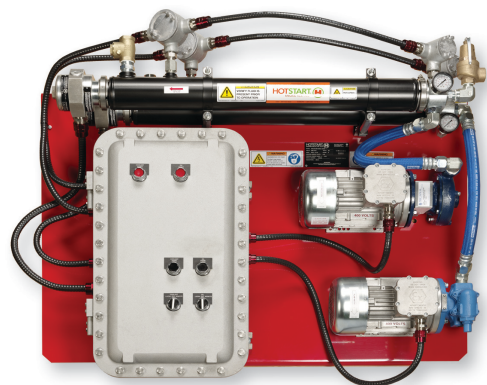


OCLA Coolant & Oil Heating System

HOTSTART's OCLA is a complete oil and coolant heating system for international oil and gas applications. The OCLA heats oil capacities up to 1350L (355 gal.) and is designed to maintain oil temperatures above 40°C in ambient down to -40°C.

For coolant heating, the system heats engines up to 300L (18,300CID) and is designed to maintain engine temperature above 50°C (120°F) in ambient down to -40°C (-40°F). The OCLA provides uniform oil heating throughout the oil sump and external piping. The system also provides efficient engine coolant heating which enhances engine availability while decreasing wear and tear from cold startups.



APPLICATION

Hazardous Location Applications, such as Gas Compression, and off shore.

- Packaged System Area Classification: **CE Ex** II 3 G IIB T4
- Heating Element Area Classification: **CE Ex** II 3 G Ex Na II T5
- Motor Area Classification: **CE Ex** II 2 G Ex d IIC T4
- Cable Gland Area Classification: **CE Ex** II 2 GD Ex d IIC
- Control Box Area Classification: **CE Ex** II 2 G Ex d IIB Gb

SPECIFICATIONS

- Heating Fluid: Oil/Coolant
- Heat Power: Oil - 2.5-12 kW / Coolant - 6-36 kW
- Voltage Range: 230, 400V
- Temperature Controller: Adjustable 0-100°C (32-212°F)
- Temperature Setting: Oil - 40°C (105°F) / Coolant - 50°C (120°F)
- High Limit Temperature Control: Adjustable 0°-100°C (32°-212°F)
- High Limit Temperature Setting: 90°C (195°F)
- Fluid Capacity: 3.8L (1 gal)
- Pump Power: Oil - 0.75-2.25 kW (1-3 Hp)
Coolant - 0.75 kW (1 Hp)
- Maximum Pressure: 690 kPa (100 psi)
- Pressure Relief Valve Setting:
Oil - 520 kPa (75 psi)
Coolant - 690 kPa (100 psi)
- Inlet Plumbing: Oil - Determined by flow rate
Coolant - 1.25" NPT
- Outlet Plumbing: Oil and Coolant - 1.0" NPT
- Temperature Class: T4
- Altitude Rating (Motor): 1,000m (3,300 ft)
- Packaged Heating System Ingress Protection: IP66

FEATURES

- Certification: ATEX
- Switch: Local/Off/Remote
- Remote On/Off Signal: 24 VDC
- Failsafe operation

DIMENSIONS & WEIGHT

Height (H)	Width (W)	Depth (D)	Weight
845mm 33.0"	1219mm 48.0"	387mm 15.25"	236 kg 521 lbs.