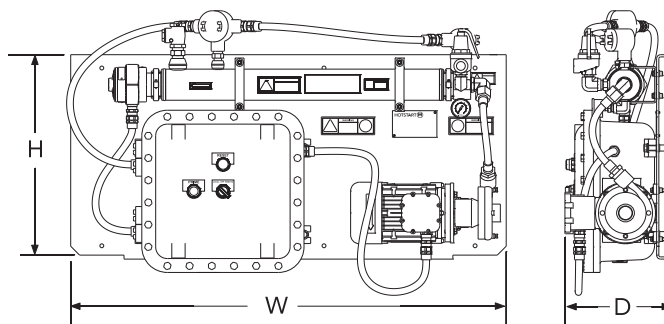
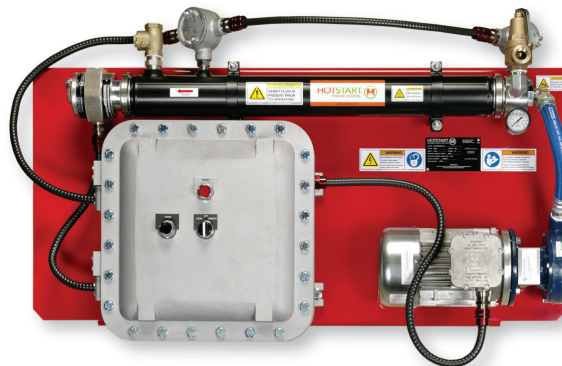


CLA Coolant Heating System

HOTSTART's CLA is a complete coolant heating system for international oil and gas applications. The CLA heats engines up to 1000L (50,000CID) and is designed to maintain engine temperature above 50°C (120°F) in ambient down to -40°C (-40°F). The CLA provides uniform heating to all locations in the engine, enhancing availability and 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: Engine coolant
- Heat Power: 6-36 kW
- Voltage Range: 230, 400V
- Temperature Controller: Adjustable 0°-100°C (32°-212°F)
- Temperature Setting: 50°C (120°F)
- High Limit Temperature Control: Adj. 0°-100°C (32°-212°F)
- High Limit Temperature Setting: 90°C (195°F)
- Fluid Capacity: 3.8L (1 gal)
- Pump Power: 0.75 kW (1 Hp)
- Maximum Pressure: 690 kPa (100 psi)
- Pressure Relief Valve Setting: 690 kPa (100 psi)
- Inlet Plumbing: 1.25" NPT
- Outlet Plumbing: 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
- Compact design
- Easy to install
- Failsafe Operation

DIMENSIONS & WEIGHT

| Height (H) | Width (W) | Depth (D) | Weight |
|------------|-----------|-----------|----------|
| 584mm | 1245mm | 305mm | 139 kg |
| 23.0" | 49.0" | 12.0" | 306 lbs. |