

HOT OIL SYSTEM

Application

Sphinx® Hot Oil Systems are a high-performance thermal fluid heating solutions designed to meet the safe heating needs of various hydrocarbon processes.

Sphinx® Hot Oil System delivers consistent and efficient heating, ensuring optimal performance in applications that require high temperatures and precise control.

Product Range

- ❖ Heating Capacity : Up to 100 MMBtu
- ❖ Temperature : 500°F
- ❖ Heater Type : Liquid and Gas Fired
- ❖ Fuel : Heavy Oil, Light Oil or Gas

Codes & Standards

Sphinx® Hot Oil Systems are compliant to the following standards:

- ❖ ASME Pressure Vessel Code Section VIII : Compliance for Pressure Vessel construction.
- ❖ ASME B31.3 : For Process Piping associated with the Hot Oil System.
- ❖ API 610 : For Thermic Fluid Circulating Pump.
- ❖ UL or CE Certified

Key Features

- ❖ High Thermal Efficiency
- ❖ Wide Temperature Range
- ❖ Safety and Reliability
- ❖ Modular Design
- ❖ Advanced Controls





Sphinx Process Systems

Sphinx® Process Systems is a fully owned subsidiary of the Pyramid E&C group. Sphinx® offers a wide range of onshore and offshore oil and gas production equipment, utility and automation packages manufactured as per American standards. All our facilities are managed by ISO certified teams and the products are certified to ASME 'U' and UL compliance.

Oil & Gas Productions

- Separators
- Electrostatic Desalter
- Gas Sweetening Unit
- Gas Dehydration Unit
- Produced Water system
- Heater Treaters
- Joule Thompson skids

Automation Packages

- E-House
- Gas Fiscal Metering
- Liquids Fiscal Metering
- HIPPS
- Choke Manifold

Utility Systems

- Hot oil systems
- Chiller packages
- Steam Generators
- Demineralized water system
- Air/ Nitrogen packages
- Fuel Gas Conditioning skids
- Chemical Injection systems

Process Equipment

- Pressure Vessels
- Distillation Columns
- S&T Heat Exchangers
- Air Cooled HX
- Fired Heaters

Engineering & Manufacturing Locations

Mumbai, India

- Engineering
- Procurement
- Manufacturing
- FAT and Delivery
- Aftersales Support

Mundra, Gujarat

- Equipment Manufacturing
- Large skids Assembly
- Mundra all weather port access
- Loadout (1000 MT capacity)

Houston

- Process Design
- FEED Studies
- FAT and Delivery
- Aftersales Support



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