

SHELL & TUBE HEAT EXCHANGER

Application

Sphinx® offers all TEMA type Straight Tube, “U” Tube, Finned Tube & Floating Head Shell & Tube heat exchangers.

Sphinx® Shell & Tube heat exchangers are offered with :

- Thermal guarantee
- Warranty on Mechanical Integrity
- High Pressure compatibility
- ASME “U” Stamp or CE Marking
- Quick delivery backed by efficient inventory and supply chain management

Product Range

- ❖ Max. Dimensions : 12m x 12m x 30 m
- ❖ Maximum Weight: 1000 MT

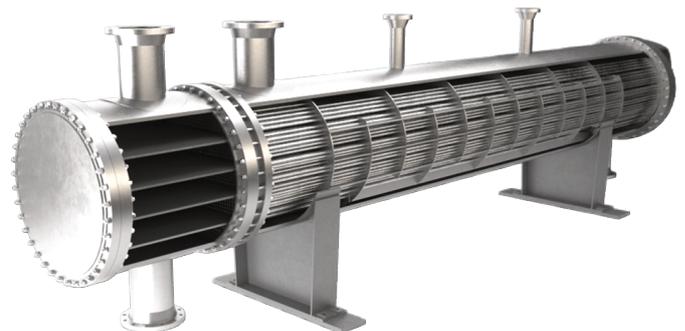
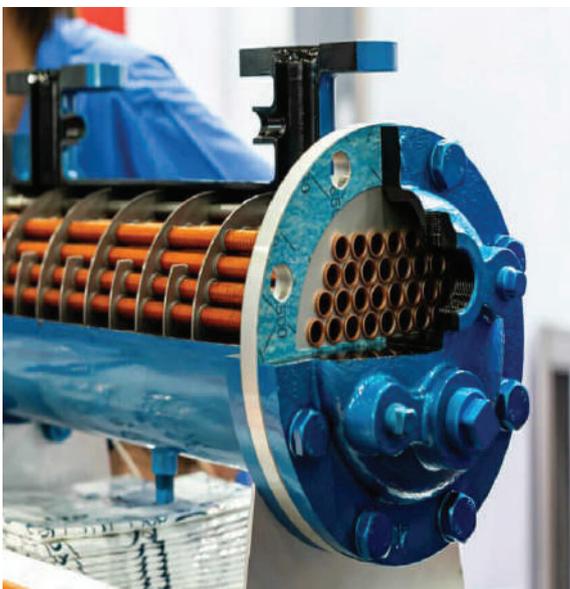
Codes & Standards

Sphinx® Shell and Tube Heat Exchangers are compliant to the following standards:

- ❖ ASME Sec. VIII Div.1 & Div. 2
- ❖ API 660
- ❖ TEMA
- ❖ PD 5500
- ❖ PED: Pressure Equipment Directive.
- ❖ PSR: Pressure Systems Safety Regulation
- ❖ AD Merkblätter

Material of Construction

- Carbon Steel • Stainless Steel
- Low Alloy Steel • Low Temp. Carbon Steel
- Brass • Cupro-nickel • Duplex
- Super Duplex • Monel • Inconel





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

Utility Systems

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

Automation Packages

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

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



+91 22 4038 1000

Sphinx Process Systems

4th Floor, Hamilton 'A'-Wing
 Hiranandani Business Park
 Thane – 400 607, India
www.sphinx.pyramidenc.com



Contact Us