

TWO PHASE SEPARATOR

Application

Sphinx® offers turn-key Two-Phase Separators in modular packages, designed for seamless integration into existing systems or independent operation via local control panels. Built for efficiency and reliability, they ensure optimal gas-liquid separation across industries.

Sphinx® Two-Phase Separators are available in horizontal and vertical designs, sized based on flow rate, GOR, separation needs, and pressure.

Product Range

- ❖ Capacity: Vertical-Upto 22,000 BPD
- ❖ Capacity: Horizontal-Upto 15,000 BPD
- ❖ Temperature: 0 to 85 °C
- ❖ Pressure: Upto 100 barg

Codes & Standards

Sphinx® Two Phase Separators 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 Two Phase Separators.
- ❖ ISO 9001 : For continuous improvement and product quality.
- ❖ UL or CE Certified

Key Features

- ❖ Range Of Standard Sizes
- ❖ Advanced Controls
- ❖ Safety and Reliability
- ❖ Modular Design
- ❖ Global after-sales support





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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