



PRODUCED WATER SYSTEMS

Application

Sphinx® offers advanced produced water systems designed to efficiently treat and manage water extracted during oil and gas production. Our systems efficiently treat produced water by removing contaminants like oil, sand, and chemicals, ensuring compliance with discharge standards or enabling reuse. Perfect for safe disposal, fracking, and oilfield operations.

Sphinx® produced water systems help minimize environmental impact while enhancing operational efficiency in the oil and gas industry.

Product Range

- ❖ Standard Vertical models in sizes upto 100 ft²
- ❖ Standard Horizontal models in sizes upto 400 ft²
- ❖ Capacity: 30000 BPD
Operating Pressure from atmospheric to 15 psi

Codes & Standards

Sphinx® Produced water systems are compliant to the following standards:

- ❖ ASME Sec. VIII Div. 1 & Div. 2
- ❖ ASME B31.3: Process Piping
- ❖ API 650: For Welded storage Tanks
- ❖ API 12J: Oil and Gas Separators
- ❖ API 421: For Design and Operation of oil-water separators
- ❖ UL/CE Certifications

Key Features

- ❖ Very High Separation Performance
- ❖ Low Energy Consumption
- ❖ Skid Mounted Systems
- ❖ Reliable and Easy Operation
- ❖ Compact and Efficient
- ❖ Customizable Solutions
- ❖ After-Sales Support
- ❖ Priced Competitively





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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Contact Us