

Applications

Sphinx® offers modular chiller packages that are used to lower the temperature of machinery, industrial spaces, and process fluids by removing heat from the system to surroundings. The system offers perfectly designed, comfortable and ergonomic workplaces for operators.

Sphinx® Chiller systems can be used in many industries such as Oil & Gas, Pharmaceuticals, HVAC systems, Food Processing and storage, Power plants and Cryogenic applications.

Product Range

- ❖ Types: Air-cooled, Water-cooled, Variable-Refrigerant flow, Absorption
- ❖ Style: Portable, Stationary, Reverse flow, Continuous flow
- ❖ Refrigerant: Freons, Propane, Ammonia
- ❖ Cooling Capacity: Up to 1000 tons train



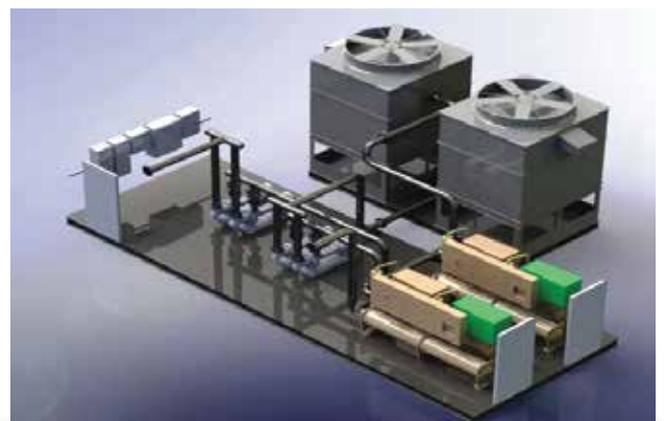
Codes & Standards

Sphinx® Chiller Packages are compliant to the following standards:

- ❖ API 619: Requirements for design, performance, and testing of screw compressors.
- ❖ API 661: Standards for design specifications of air-cooled heat exchangers.
- ❖ ASME Section VIII, Division 1: Design, fabrication, inspection, and testing of pressure vessels.
- ❖ ANSI B31.3: Pressure piping.

Key Features

- ❖ Proven designs with safety focus
- ❖ Energy-efficient and optimal cost
- ❖ Suitable for a range of applications
- ❖ In-house fabrication
- ❖ Installation and 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

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



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Contact Us