

Shell and Tube Heat Exchanger

Shell and tube heat exchangers are engineered for efficient thermal transfer in industrial settings. Their robust design incorporates multiple tubes within a cylindrical shell, ensuring optimal performance under high pressures and temperatures.



ADDITIONAL IMAGES



Product Overview

Industrial Heat Exchange Solutions

These robust shell and tube heat exchangers are engineered for demanding industrial environments, providing high-efficiency thermal transfer capabilities. The design utilizes a bundle of tubes enclosed within a durable cylindrical shell, allowing for large heat transfer surface areas in a compact volume. Built to handle extreme pressures and temperatures, they are essential for applications in oil refining, chemical processing, and power generation.

Technical Capabilities

Specialized Configurations

- High-pressure hydrogenating heat exchangers
- High-efficiency heat exchangers
- Waste heat boilers
- Surface evaporating air coolers

Design Features

Flanged connections, Multiple tube passes, High pressure rated, High temperature resistant

Materials and Construction

Primary Applications

Power Generation • Chemical Processing • Oil Refining • HVAC Systems

Common Material Options

Carbon Steel, Stainless Steel, Copper Alloys