

Industrial Heat Exchanger for Petrochemical Refineries

This large-scale heat exchanger is designed for petrochemical engineering applications in petroleum refineries. The unit features a cylindrical shell with multiple sections, reinforced with circumferential bands, and is supported by heavy-duty steel structures.



ADDITIONAL IMAGES



Product Overview

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This industrial heat exchanger is engineered specifically for demanding petrochemical refinery applications, offering robust performance under high-pressure conditions. Constructed with high-grade materials including SA213TP316 for the tube pass and SA240GR304 for the shell pass, this unit ensures durability and efficient heat transfer. Designed for heavy-duty industrial use, it is a critical component for complex chemical engineering projects requiring reliable thermal management.

Technical Specifications

Tube Side Design Pressure	2.2 Mpa
Shell Side Design Pressure	0.517 Mpa
Tube Side Design Temperature	-10
Shell Side Design Temperature	43.3

Materials and Dimensions

Material Composition

Component	Material Grade
Pipe Pass	SA213TP316
Shell Pass	SA240GR304

Dimensions and Weight

2000 mm Diameter	10892 mm Length	45.96 T Total Weight
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Heat Exchange Tube Specs	138 x 2.1mm
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