

# Naphtha Feed Shell and Tube Heat Exchanger

This shell and tube heat exchanger is designed for preheating naphtha feed. It is suitable for petrochemical and petroleum refinery applications.



## Overview

### Naphtha Feed Heat Exchanger

This shell and tube heat exchanger is specifically engineered for naphtha feed preheating in demanding petrochemical and refinery environments. Constructed from 16MnR material, the unit is designed to handle distinct pressure and temperature profiles on both the shell and tube sides. Its robust design ensures reliable heat transfer performance for critical industrial heating processes.

## Technical Specifications

Shell Side Design Pressure	4.137 MPa
Tube Side Design Pressure	1.758 MPa
Shell Side Design Temperature	-10 °C
Tube Side Design Temperature	100 °C

## Physical Dimensions

Equipment Dimensions	\$1300×9205×1#m
Total Weight	29.765 T

## Material Composition

Primary Material  
16MnR