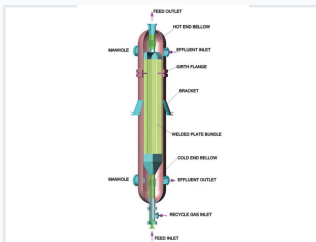


Feed/Effluent Plate and Shell Heat Exchanger

This plate and shell heat exchanger is designed for feed/effluent heat transfer. It is suitable for catalytic reforming, diesel or naphtha hydrotreating, and paraxylene production services.



ADDITIONAL IMAGES



Overview

High-Efficiency Thermal Management

The Feed/Effluent Plate and Shell Heat Exchanger is engineered for demanding industrial thermal processes, offering exceptional heat transfer efficiency. Designed for large-scale operations, this unit combines the robustness of a shell-and-tube design with the high performance of plate technology. It is specifically suited for continuous catalytic reforming units and other high-temperature, high-pressure applications requiring reliable heat recovery.

Operating Parameters

Shell Diameter	4 m
Shell Total Length	10 - 25 m

Performance Metrics

Heat Transfer Surface Area

13000 m^2
Max Surface Area

Design Pressure	5 MPa
Design Temperature	700
Differential Pressure (Plate Bundle)	1 MPa

Technical Dimensions

Plate Dimensions

Dimension	Range
Plate Width	600 - 2000 mm
Plate Length	6 - 20 m