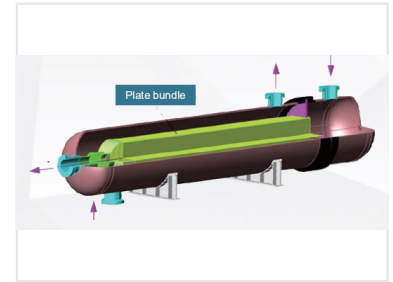


Non-Feed/Effluent Plate and Shell Heat Exchanger

This plate and shell heat exchanger is designed for non-feed/effluent applications. It is a large heat transferring vessel.



Overview

Advanced Thermal Performance

The Non-Feed/Effluent Plate and Shell Heat Exchanger combines the efficiency of a welded plate bundle with the robust containment of a pressure vessel shell. This design offers superior corrosion resistance and a highly compact footprint, making it an ideal, high-performance replacement for traditional tubular heat exchangers. Engineered for demanding industrial environments, it handles high pressures and temperatures with exceptional reliability.

Operating Parameters

Shell Diameter

1 m

Min Diameter

3.5 m

Max Diameter

Surface Area

100 j

Min Area

5000 j

Max Area

Shell Length	20 m
Design Pressure	8 MPa
Differential Pressure (Plate Bundle)	4 MPa
Design Temperature	500

Construction

Plate Bundle Materials	SMO 254, Titanium, AISI 300 SS, Duplex SS, High Nickel Alloy
Shell Materials	Carbon Steel, Stainless Steel, Cr-Moly Steel

Compliance

Codes and Standards

ASME • PED • GOST • GB