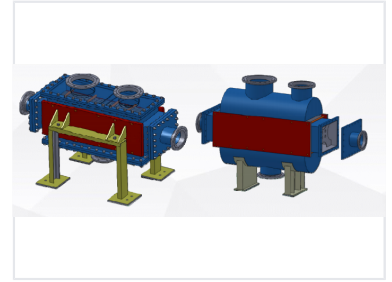


Welded Plate and Frame Heat Exchanger

The Welded plate and frame heat exchangers are suitable for cooling, heating, evaporation and condensing duties. The all welded corrugated plates create highly turbulent flow in a counter-current direction for high efficiency in a compact design.



Overview

High-Efficiency Thermal Management

This welded plate and frame heat exchanger is engineered for high-performance thermal exchange in demanding industrial environments. By eliminating gaskets through a fully welded plate design, it provides superior resistance to extreme temperatures and pressures while handling aggressive fluids. Its compact footprint and high thermal efficiency make it an ideal, space-saving alternative to traditional shell and tube units.

Performance Parameters

Operating Performance

350 °C

Maximum Temperature

35 bar

Maximum Pressure

4000 m3/h

Max Capacity

1900 m2

Max Surface Area

Construction Materials

Frame Construction

- Painted carbon steel
- Stainless steel

Plate Materials

AISI 304, AISI 316L, S32205, S31254, Nickel Alloy, Titanium, Ti-Pd Alloy

Plate Thickness

0.6 mm to 1.0 mm

Technical Specifications

Certification Standards

ASME • PED • GOST • GB

Connection Sizes

1 inch to 20 inch