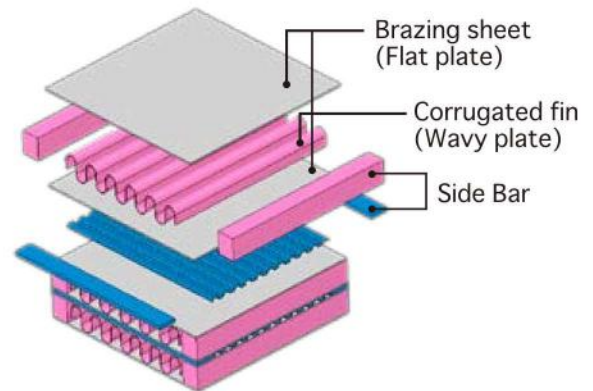


Stainless Steel Plate-Fin Heat Exchanger

Applicable to high temperature processes

Features

- Brazing sheets, corrugated fins and side bars are stacked and integrated by brazing technology.
- Helium leak test can be applied.
- Production experiences have been over 3,000 since 1990.
- High Ni alloys and Ti-based alloys can also be adopted for our plate-fin heat exchangers.



Applications

- Process cooler / heater
- Gas turbine recuperator
- Preheater for fuel cell
- Gas compression cooler
- Catalyst reactor

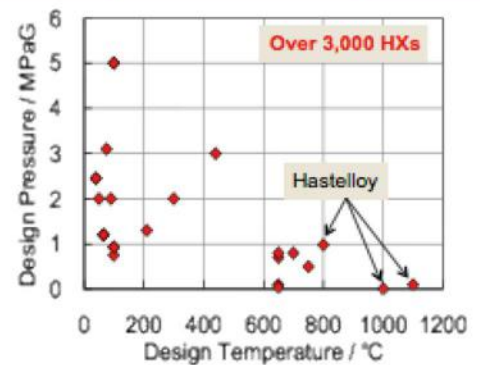
Applicable code / standard

- ASME certification mark with U ● PED
- High Pressure Gas Safety Act
- Industrial Safety and Health Act
- Korean MA (Manufacturer Approval)

Advantages

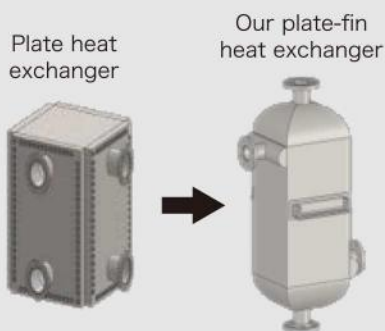
- Compactness
- High heat transfer performance
- High temperature resistance
- Corrosion resistance

Delivery records



Example of installation

Process cooler for chemical plant



- Leakage of liquid was eliminated.
- Qty of HXs was reduced. (2 HXs → 1 HX)
- Total weight was reduced to 50%.

N2 gas compression cooler



Design pressure	5MPa
Design temp	100°C
Dimension	900×1170×2480mm

Exhaust recuperator for fuel cell



Design pressure	0.04MPa
Design temp	650°C
Dimension	1950×1390×2750mm

Sumitomo Precision Products Co., Ltd.

Heat exchangers Sales & Marketing Department

Sumitomo Corporation Takebashi Bldg 4th floor,
1-2-2 Hitotsubashi, Chiyoda-ku, Tokyo 100-0003, Japan

+81-3-3217-2812

WEB <http://www.spp.co.jp/net-su/en/>

FAX +81-3-3217-2822 E-mail netu-sales@spp.co.jp