

Brazed Heat Exchanger SFB80 Series

SFB81



ZILONIS Energy Solutions Brazed Plate Heat Exchangers is the ideal choice suitable for a wide variety of applications across numerous markets segments.

Typical applications:

- General cooling/heating
- HVAC
- Refrigeration
- Industrial
- Marine
- Data centres
- Heat pump
- Solar heating

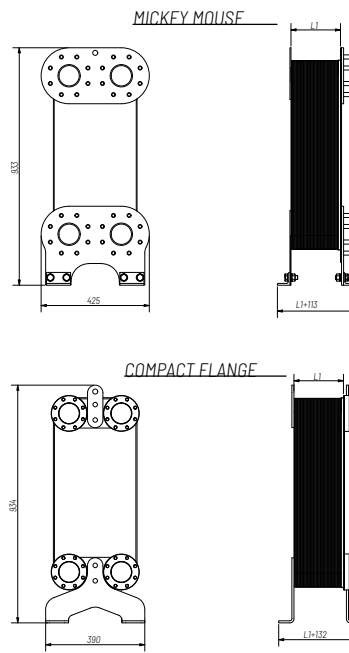
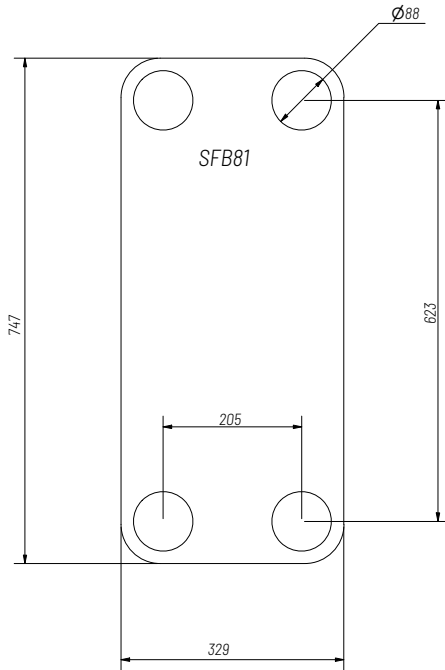
Benefits:

- Lower operating costs
- Reduce life cycle cost
- Easy installation
- High thermal transfer efficiency
- Increased energy efficiency
- Low weight

Features:

Every detail is carefully designed to ensure optimal performance:

- Compact design
- High flexibility
- Design pressure up to 40 bar
- Operating temperature: up to 185° C



Dimensions in mm
 0.3 mm: $L1 = (\text{number of plates} \times 2,3) + 12 \text{ mm}$
 0.4 mm: $L1 = (\text{number of plates} \times 2,4) + 12 \text{ mm}$

Design pressure:

- Copper brazed: 25 and 40 bar (362 and 435 PSI)

Temperature:

- -100 to 185°C (-148 til 365°F)

Construction standards:

- EN13445

Connections:

- DN80 / 3"- PN25 Flange

Number of plates (options):

- SFB81: 11, 21, 31, 41, 51, 61, 71, 81, 91, 101, 111, 121, 131, 141, 151, 161, 171, 181, 191, 201, 211, 221, 231, 241, 251, 261, 271

Plate material:

- AISI 316

Brazing material:

- Copper

Accessories:

- Insulation jackets
- Foundation feet

PED Pressure/Temperature

