

# Brazed Heat Exchanger SFB80 Series

SFB81



**SonFlow 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

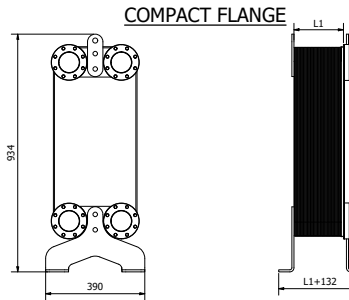
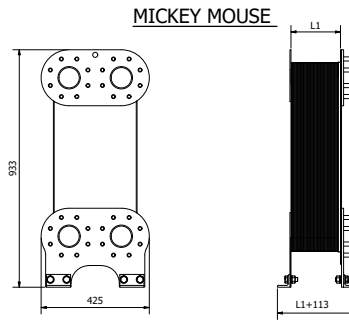
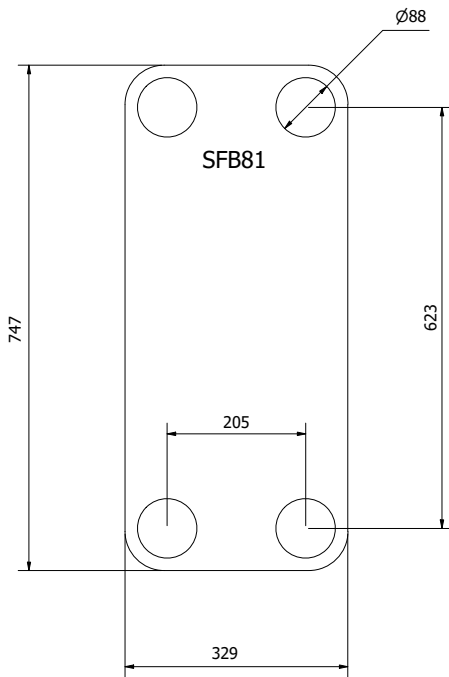
## Benefits:

- 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 = (number of plates x 2,3) + 12 mm  
 0.4 mm: L1 = (number of plates x 2,4) + 12 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 (PED 2014/68/EU)

### 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

