

Plate Heat Exchanger SF100 Series

SF101, SF101D, SF102, SF103 & SF104



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

ZILONIS Plate Heat Exchanger SF100 series will cover many duties in a single pass solution. ZILONIS SF101 plates are available in two pressing depths.

Typical applications:

- General cooling/heating
- HVAC
- Refrigeration
- Industrial
- Marine
- Food & beverages
- Chemicals
- Mining
- Electronics
- Data centres

Features:

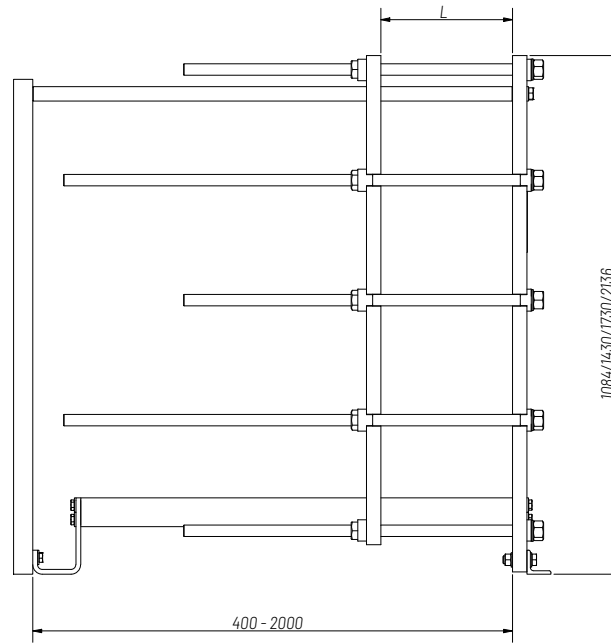
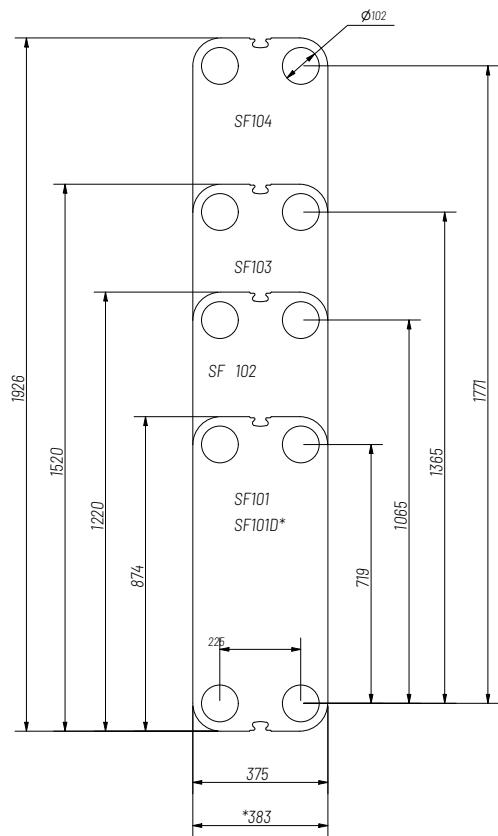
Every detail is carefully designed to ensure optimal performance, reduced maintenance costs and decreased downtime:

- Compact design
- High flexibility

- Lock gasket system
- Gentle product handling
- Design pressure up to 25 bar
- Operating temperature: up to 180° C
- Leak chamber
- Fixed bolt head
- Lifting lug
- Lining
- Lock washer

Benefits:

- Lower operating costs
- Cost-effective
- Easy assembly
- Increased energy efficiency
- Easy cleaning
- Dead spots, that cause corrosion and fouling are eliminated



Dimensions in mm

Design pressure:

- Painted frames: 1.0/1.6/2.5 MPa (145/232/362 PSI)
- Stainless steel: 1.0/1.6 MPa (145/232 PSI)

Construction standards:

- EN13445
- ASME sec VIII, Div. 1

Frame:

- Painted frame, RAL 5010 (available in other colours)
- Stainless steel frame

Connections:

- DN 100/4" flange in carbon steel, rubber lined or clad with AISI 316 or titanium
- DN 80/3" and DN 100/4" dairy unions
- According to all known standards

Plate material:

- AISI 304/316 and titanium
- Other materials available on request

Gaskets:

- Click on gasket – a glue less system for sealing
- Materials: NBR, EPDM and Viton
- Other materials available on request

Accessories:

- Drip tray
- Insulation jackets
- Safety cover
- Assembling spanner
- Foundation feet