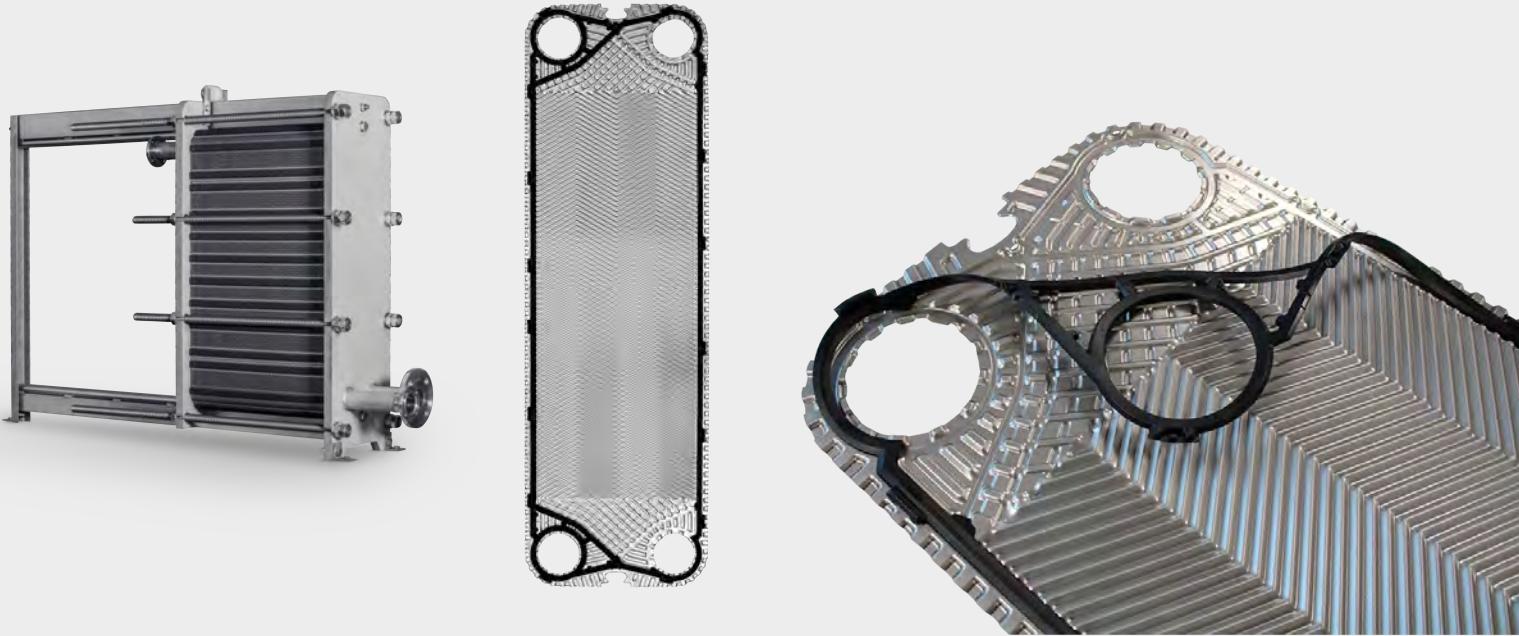


# Plate Heat Exchanger F80 Series

## Stainless steel frame F81



**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 F80 series cover many duties in a single pass solution, especially for food applications. The design of portholes and plate pattern provides gentle treatment of sensitive food products.**

### Typical applications:

- Food
- HVAC
- Industrial and chemical market
- Heat recovery

- Operating temperature: up to 180°C
- Leak chamber
- Fixed bolt head
- Lifting lug
- Lining
- Lock washer

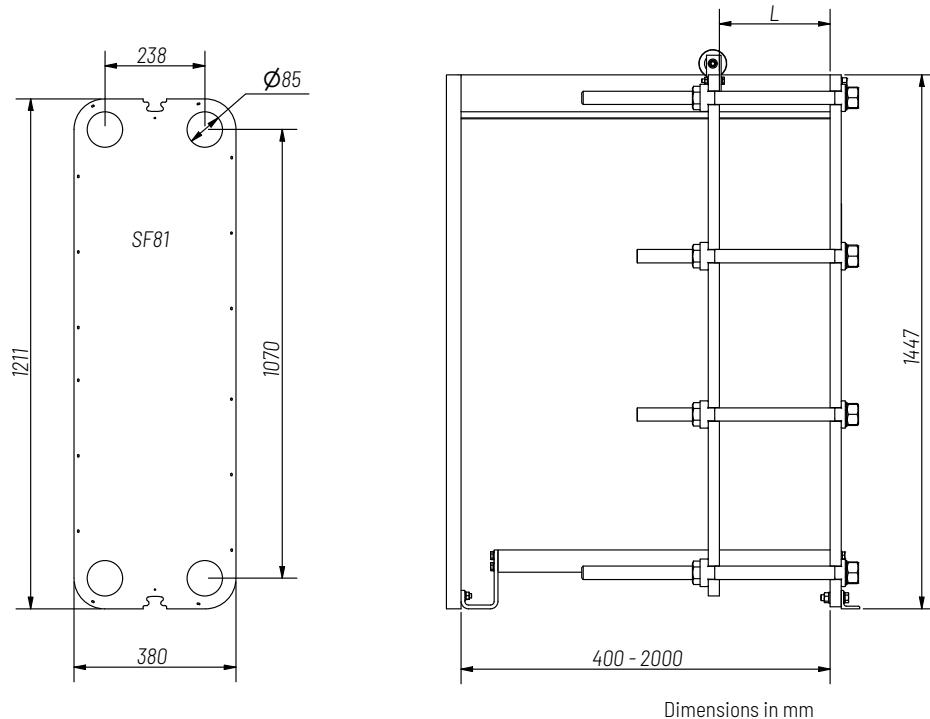
### Features:

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

### Benefits:

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



## Design pressure:

- Stainless steel frame: 1.0/1.6 MPa (145/232 PSI)

## Construction standards:

- EN13445
- ASME sec VIII, Div. 1

## Frame:

- Stainless steel

## Connections:

- DN 80/3" dairy pipes or 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