

# Plate Heat Exchanger SF250 Series

SF251, SF252 & SF253



**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 SF250 series will cover many duties in a single pass solution.**

## Typical applications:

- Heat recovery
- HVAC
- Geothermal
- Industrial
- Marine
- Chemicals
- Sugar industry
- Mining
- Electronics

- 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

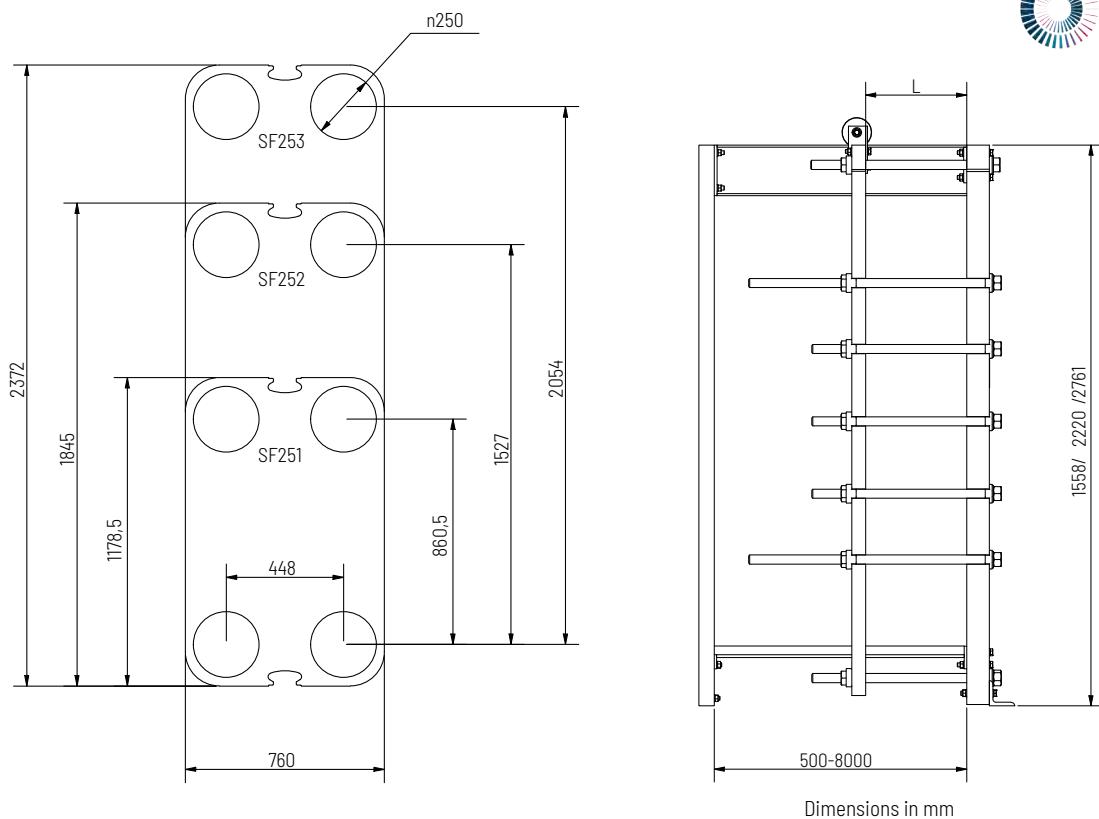
## Benefits:

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

## Features:

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

- Compact design
- High flexibility



## Design pressure:

- Painted frames: 0.6/1.0/1.6/2.5 MPa (87/145/232/362 PSI)

## Construction standards:

- EN13445
- ASME sec VIII, Div. 1

## Frame:

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

## Connections:

- DN 250/10"flange in carbon steel, rubber lined or cladded with AISI 316 or titanium
- 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