

Free Flow Heat Exchanger SFF300 Series

SFF301



SonFlow offers a wide range of Free Flow Plate Heat Exchangers and is the ideal choice suitable for a wide variety of applications across numerous markets segments.

Plate Heat Exchanger SFF300 series cover many duties in a single pass solution, especially for fruit juice, sugar and the general industrial markets handling fluids that contain fibre and solids. Gentle treatment and even distribution of the media ensures the highest possible product output quality.

Typical applications:

- Dairy/food/beverage industry
- Sugar industry
- Biogas industry
- Wastewater industry
- Pulp and paper industry
- Mining industry

Features:

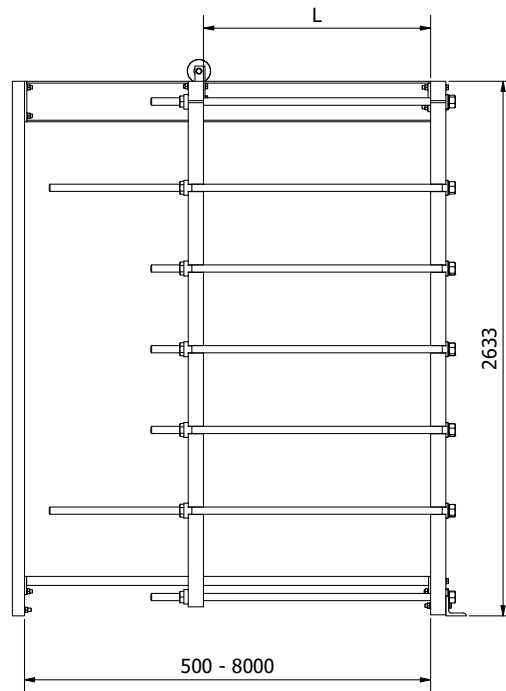
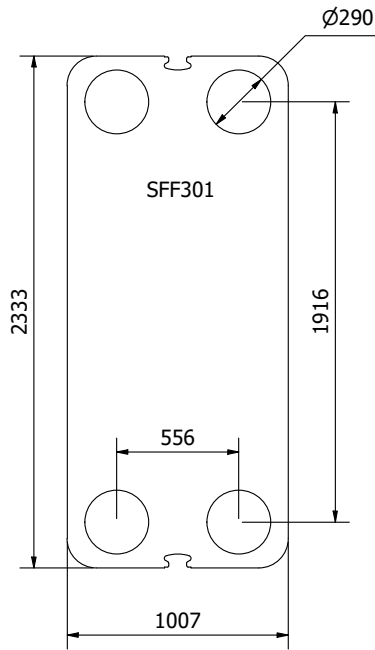
Every detail is carefully designed to ensure optimal performance, reduced maintenance costs and decreased downtime:

- Compact design
- Lock gasket system
- Gentle product handling
- Suitable for products with solid particles
- 12/6 mm plate gap

- Design pressure up to 10 bar
- Operating temperature: up to 180° C
- Fixed bolt head
- Lifting lug
- Lining
- Lock washer

Benefits:

- Designed for CIP cleaning
- Easy assembly
- Cost-effective
- Designed to combat fouling
- Clog resistant
- No metal contact between the plates in the liquid area and corner hole inlets
- The inlet area is designed for optimal turbulent flow
- No dead spots on the plate



Dimensions in mm

Design pressure:

- Painted frames: 1.0 MPa (145 PSI)
- Stainless steel frame: 1.0 MPa (145 PSI)

Construction standards:

- EN13445 (PED 2014/68/EU)
- ASME sec VIII, Div. 1

Frame:

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

Connections:

- DN 300/12" flange in carbon steel or rubber lined
- According to all known standards

Plate material:

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

Gaskets:

- The 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