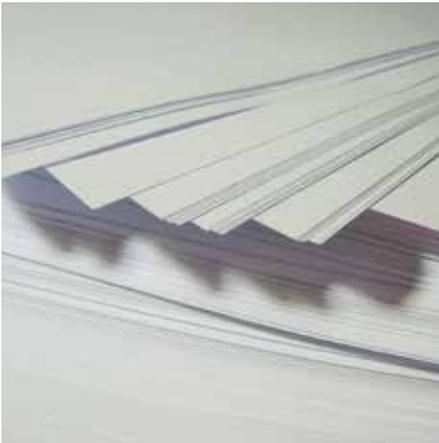


SonFlow Free Flow Series

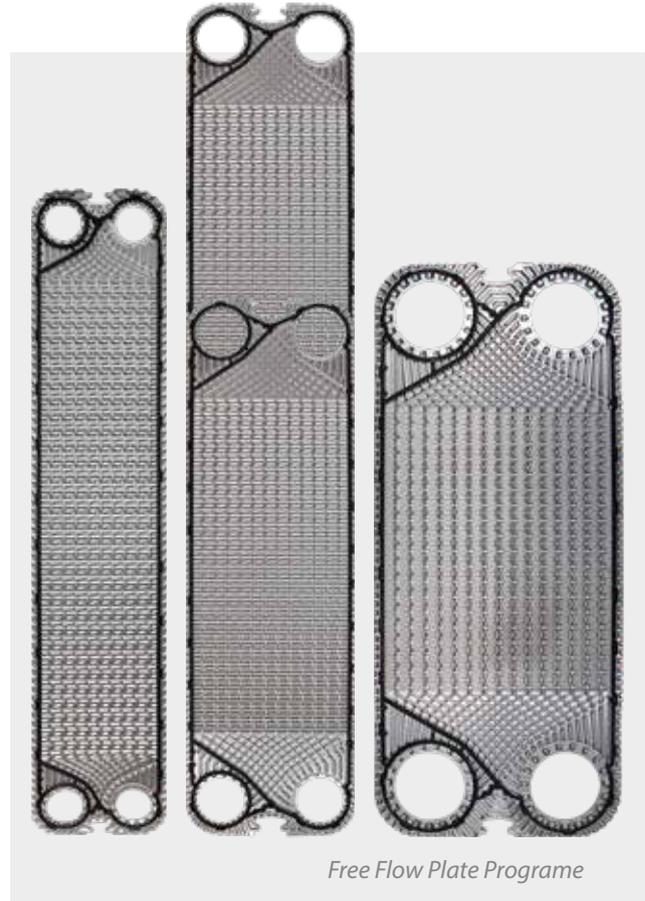
Ideal for Fibers, Particles and Highly Viscous Products



SonFlow



Free Flow Series for Fibers, Particles, and Highly Viscous Products



SonFlow's new Free Flow plate heat exchanger series is ideally suited for difficult media containing solids, particles, fibers, and highly viscous products. The Free Flow plate's corrugations are designed for special tasks where the traditional plate heat exchanger usually has a higher risk of fouling or clogging.

For the Free Flow plate series, the key focus lies on reliability and high performance. If the plate heat exchanger is not suited for the operating media, the intervals between maintenance and the risk of fouling are increased.

Industries:

- Dairy/Food/Beverage Industries
- Sugar Industry
- Biogas Industry
- Wastewater Industry
- Pulp and Paper Industry
- Mining Industry

An optimized flow distribution

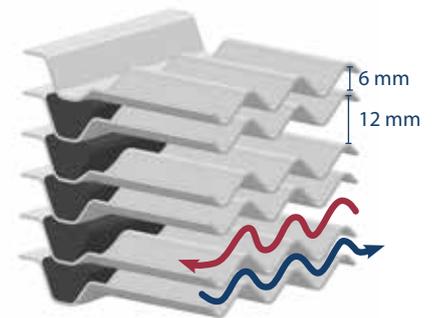
An optimized flow distribution reduces fouling and minimizes uneven temperature zones, ensuring high performance over time without unnecessary energy losses, maintenance costs, or unplanned stops.

Features

Every detail is designed carefully to ensure optimal heat transfer, reduced maintenance costs and decreased downtime.



Free Flow Princip



High and Low Plates Princip



Free Flow Benefits

Plates

The wide channels provide enough room for difficult media to flow freely. The pattern of horizontal waves maintaining no plate contact points in the flow direction, ensuring gentle treatment of the output product.

The clearance between the heat transfer plates measures up to a 12 mm gap, depending on the plate type.

High and Low

The SonFlow SFF151 and SFF301 Free Flow Plate Heat Exchanger are specially designed to mix both viscosity and flow. The design consists of two different plate patterns: "SonFlow HIGH" and "SonFlow LOW", which can be assembled for either a 12/6 mm or 9/9 mm plate gap.

Designed to meet your needs

Our extensive range ensures that we can offer the best solution at the most competitive price. If needed, we can combine several different types of heat exchangers to ensure that you receive the best possible solution.

- Suitable for media containing solids, particles, fibers, and highly viscous products
- The wide channels enable efficient flow and heat transfer
- Free Flow gap without contact points minimizes the risk of fouling and clogging



About SonFlow A/S

SonFlow has developed an optimized and efficient range of plate heat exchangers, based on more than 40 years of experience. Our product line includes industrial, sanitary, free flow, condenser/evaporator, and brazed-plate heat exchangers.

All our plate heat exchangers are designed and manufactured at our factory in Kolding, Denmark and they are customized to meet specific temperature requirements and capacities. This ensures that you will receive a plate heat exchanger that is tailored to your needs, regardless of the industry or process you are working with.



Traditional Plate Heat Exchanger

The optimal choice for a wide range of applications across various market segments, making them a good choice for standard tasks.

Sanitary Plate Heat Exchangers

Designed to meet the stringent hygiene standards of food-, dairy-, beverage-, pharmaceutical industries, and related sectors.

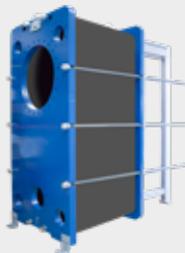


Brazed Plate Heat Exchangers

Permanently sealed units ensure peak performance, unmatched durability, and minimal downtime.

Condenser and Evaporators Plate Heat Exchanger

Designed to condense low-pressure vapour and evaporation duties. Well-suited for tasks involving significant temperature differentials between the cold and hot sides.



Aage Søndergaard Nielsen
Founder & CEO