



SonFlow

SonFlow Free Flow Series

For fibres, particles and high viscous products



Free Flow Series for fibres, particles and high viscous products



Free Flow Plate Programe

SonFlow's new Free Flow plate heat exchanger series is ideally suited for difficult media containing solids, particles, fibres, and high viscous products. The Free Flow plates corrugation is designed for special tasks, where the conventional plate heat exchanger usually has a higher risk of fouling or clogging.

For the Free Flow plate series, the key focus lies in 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 industry
- Sugar industry
- Biogas industry
- Wastewater industry
- Pulp and paper industry
- Mining industry

An optimized flow distribution

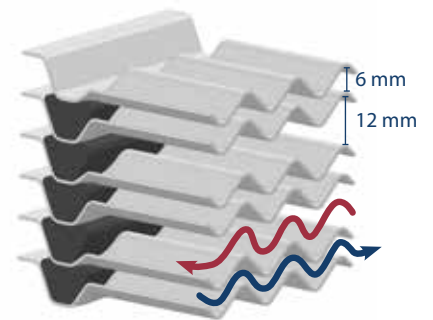
An optimized flow distribution reduces fouling and uneven temperature zones, keeping the performance levels high over time without unnecessary energy losses, maintenance costs, or unplanned stops.

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 12 mm gap depending on the plate type.

High and Low

The SonFlow SFF151 and SFF301 Free Flow Plate Heat Exchanger is 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 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 best price and, if required, combine several different types of heat exchangers to ensure that you get the best possible solution.

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



About SonFlow A/S

DanPumps A/S changed its company name to SonFlow A/S in 2019 and started manufacturing plate heat exchangers - it signalizes new investments and new missions as we want to focus on process technology, energy and the environment. SonFlow A/S works hard to ensure the philosophy of innovation and advancement by delivering best in quality products and good service.

We strive our best to safeguard the environmental processes and adapt modern friendly approaches in product design and production processes. DanPumps centrifugal pumps are still being marketed under the brand name DanPumps.



Plate heat exchangers as a complementary product

SonFlow A/S offers plate heat exchangers as a complementary product to DanPumps centrifugal pumps, which opens new markets. The engineering team of SonFlow is developing new designs and customized process equipment's based on many years of experience.

We are ISO 9001 certified and provide plate heat exchangers and pumps to all industries - we are continually expanding and diversify the business responding with innovative high-quality products and services.

Manufacture of plate heat exchangers and pumps

SonFlow A/S is specialized in manufacturing plate heat exchangers to use in thermal processes and centrifugal pumps within all industries.

SonFlow offers a broad range of products for different applications - you can rely on SonFlow specialists to take a professional approach to your specific challenge and solve difficult pumping and plate heat exchanger applications.



Aage Søndergaard Nielsen
Founder & CEO