S-FP

DanPumps Sanitary Pump

Gentle Product Treatment and High Energy Efficiency

The DanPumps sanitary pumps offer exceptional levels of hygiene as the pumps are some of the most trouble-free and hygienic pumps on the market today. DanPumps centrifugal pumps are designed with a surface as top of the art and are specially designed for CIP (Cleaning in Place). The extremely low noise level and good NPSH is securing a good suction capacity and a gentle product treatment through the unique internal geometry. All sanitary pumps from DanPumps have been approved according to the EHEDG guidelines.

Easy maintenance and Pipe Connections

The supporting legs are designed for easy service as they are moved under the motor during service. This in combination with the easy removal of the front-loaded seals without any use of special tools means, that the DanPumps sanitary pumps are among the most service-friendly on the market today.

Another useful feature is the outlet, which can be freely mounted 360° making the installation of the DanPumps pump easy adaptable to any pipe system.

The Most Flexible Modular System on the Market

The unique shaft and back plate design enables all motors to fit into all pumps through a modular system which makes it easy to change to a bigger or smaller motor if the pump duty needs to be changed.

DanPumps Inline Pumps

Designed for Industrial and Marine Applications

The DanPumps Pump programme for industrial and marine applications covers inline pumps in sizes from DN40-DN250. The pumps are delivered with housing in either cast iron for industrial applications or bronze for harsh medias and the marine industry.

Designed for Any Application

All DanPumps pumps are designed according to the specifications and rules within the industry securing high quality and with long lifetime.

A Comprehensive Pump Portfolio

The DanPumps inline product programme includes pumps with one and two bearings ensuring some of the most reliable and steady pumps in their class. As an additional option DanPumps inline pumps can be delivered with a frequency converter and a space heater.

Easy Maintenance and Safe Operation

The DanPumps pumps are easy to install without any use of special tools and are designed as a plug in solution with the process plants. All DanPumps Inline pumps are based on a unique hydraulic design, delivering the maximum efficiency.

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 will still be 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 will open new markets. The engineering team of SonFlow is working on developing new designs and customized process equipment's based on many years of experience.
We are ISO 9001 certified and provide 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 has specialized itself in manufacturing centrifugal pumps within all industries and plate heat exchangers to be used in thermal processes.
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.

SonFlow A/S
Nordager 25
DK-6000 Kolding
Denmark
Tel.: +45 86 57 13 44
info@SonFlow.dk
www.SonFlow.dk

Aage Søndergaard Nielsen, Founder & CEO

Date: November 11, 2020

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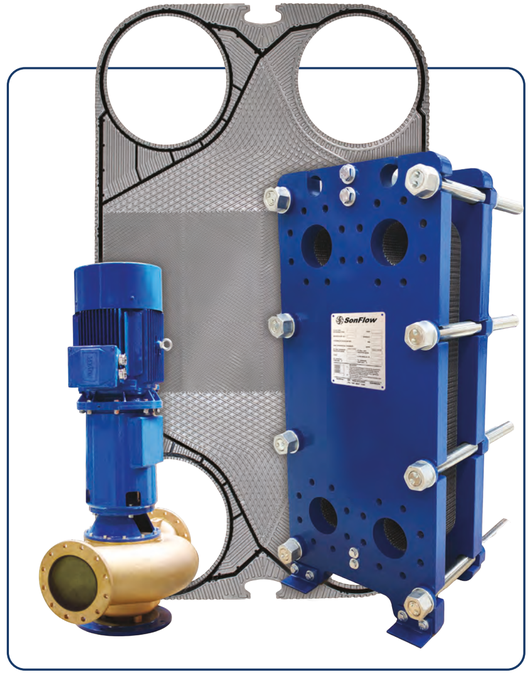
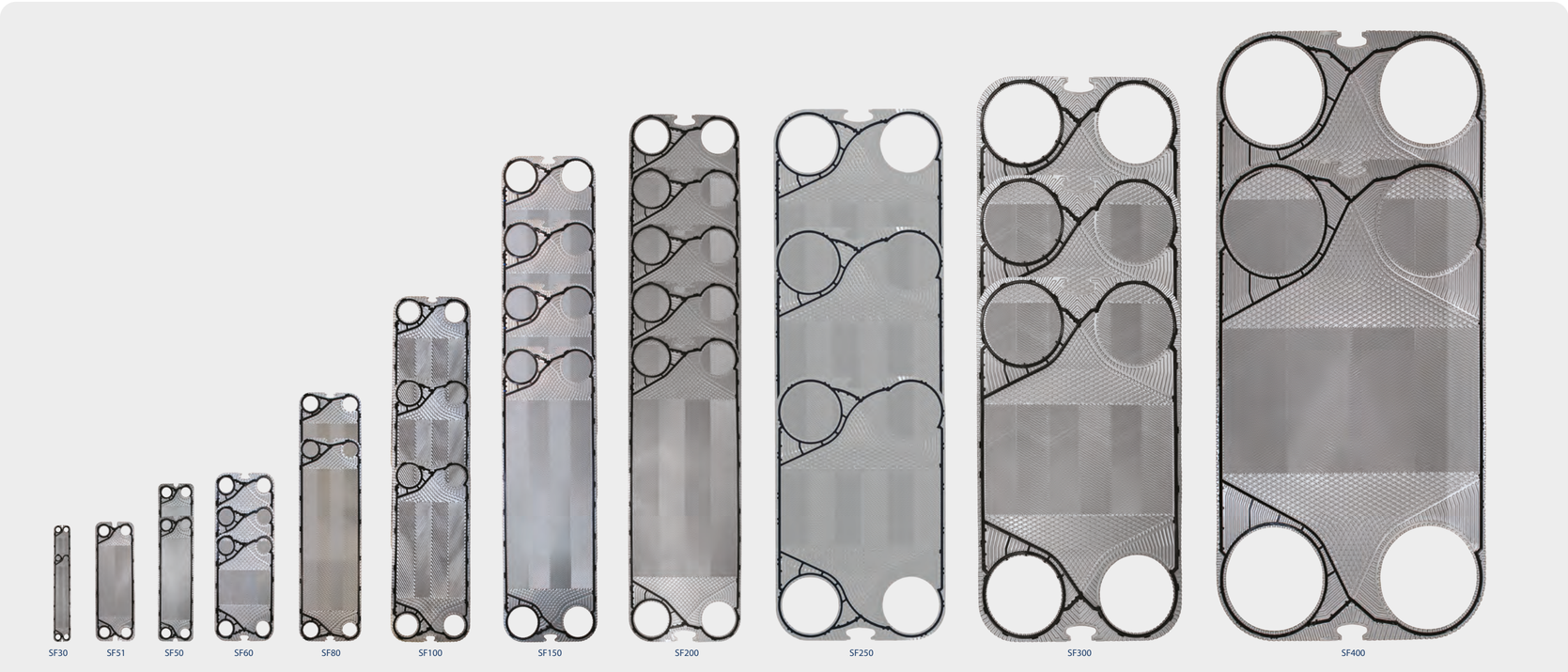
Plate Heat Exchangers & Pumps

The optimal solution for fluid handling





SonFlow Plate Heat Exchangers & Pumps Program

Gasketed Plate Heat Exchangers

Based on more than 40 years of experience with plate heat exchangers, SonFlow has developed a new modern and extremely efficient plate design, which gives a very high heat transfer per pressure drop. The strong plate design means that a thinner plate can be used, which also improves the overall heat transmission.

SonFlow offers a wide range of gasketed plate heat exchangers that boosts sustainability with an energy-efficient design. Compact frame and innovative plate patterns. Suitable for all types of industries and multiple applications from heating, cooling and heat recovery to condensation and evaporation. The design of the corrugated plates optimizes heat transfer by providing a large but compact total surface area whereby the heat can be drawn from one liquid or gas to another.

Danish design, technology & quality

Our units are optimised to meet specific temperature demands and capacities in HVAC, industrial , marine or hygienic applications. Depending on the quality of the fluids used, SonFlow gasketed plate heat exchangers are available in a range of high quality plate materials to ensure corrosion resistance:

- Short lead times
- Advanced supply chain capabilities
- Traceable production processes ensure quality
- Full monitoring of raw materials
- Glueless gaskets

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.

Product range

Plates are available with various pressing depths and thermal lengths. All carefully designed and selected to achieve optimal performance - depending on the application, each product range has its own specific plate features.

- Easy to remove and clean
- Expandable - saves time and money
- High efficiency
- Compact size
- Close approach temperature
- Multiple duties in a single unit - can be built in sections
- Less fouling - smooth plate surface reduces fouling
- Lower costs

Applications

- HVAC industry
- Marine/offshore industry
- Dairy/food/beverage industry
- Sugar industry
- Biogas industry
- Pulp and paper industry
- Heavy industry
- Mining industry
- Petrochemical industry
- Chemical industry
- Electronics

Features

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

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.

Technical specifications

- Connections from DN25 to DN400
- Frames designed according to PED 2014/68/EU (EN13445) and ASME sec VIII, Div. 1 construction standards
- Plate materials: AISI304/316, titanium, SMO. Other materials available upon request
- Gasket materials: EPDM, NBR and Viton
- Plate heights up to 2.5 m
- Flow rates up to 7200 m^3/t (31,700 gpm)
- Working pressure up to 25 bar (363 psi)

Special SonFlow benefits

- A short pay-back period on investment
- High thermal efficiency due to knowledge, experience and the design
- Simple installation
- Each heat exchanger is individually designed for the heat load, flow rate and pressure drop limitations of the specific application

Energy efficiency solutions has the power to protect the environment and create greener solutions.