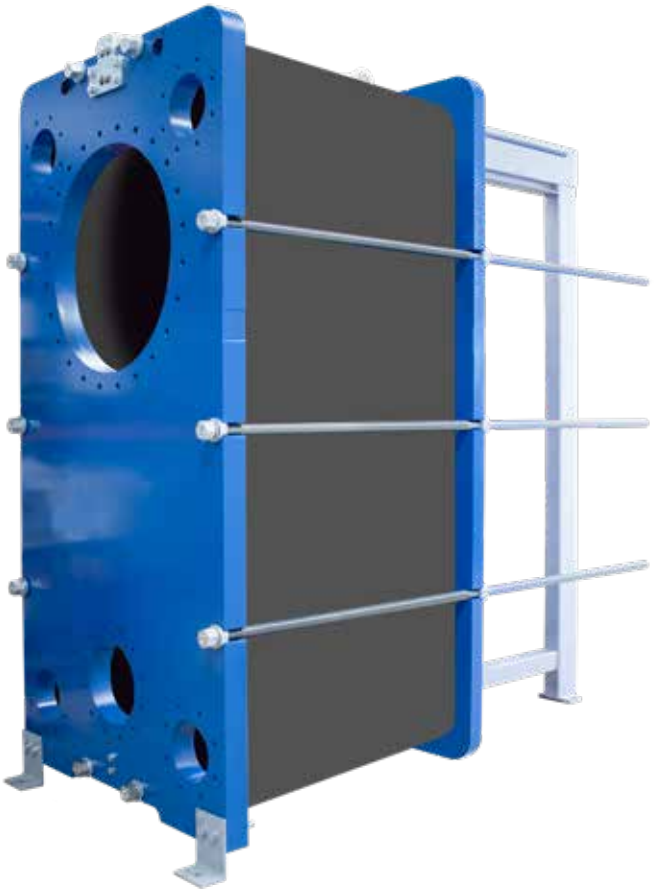
SonFlow Condenser/Evaporator

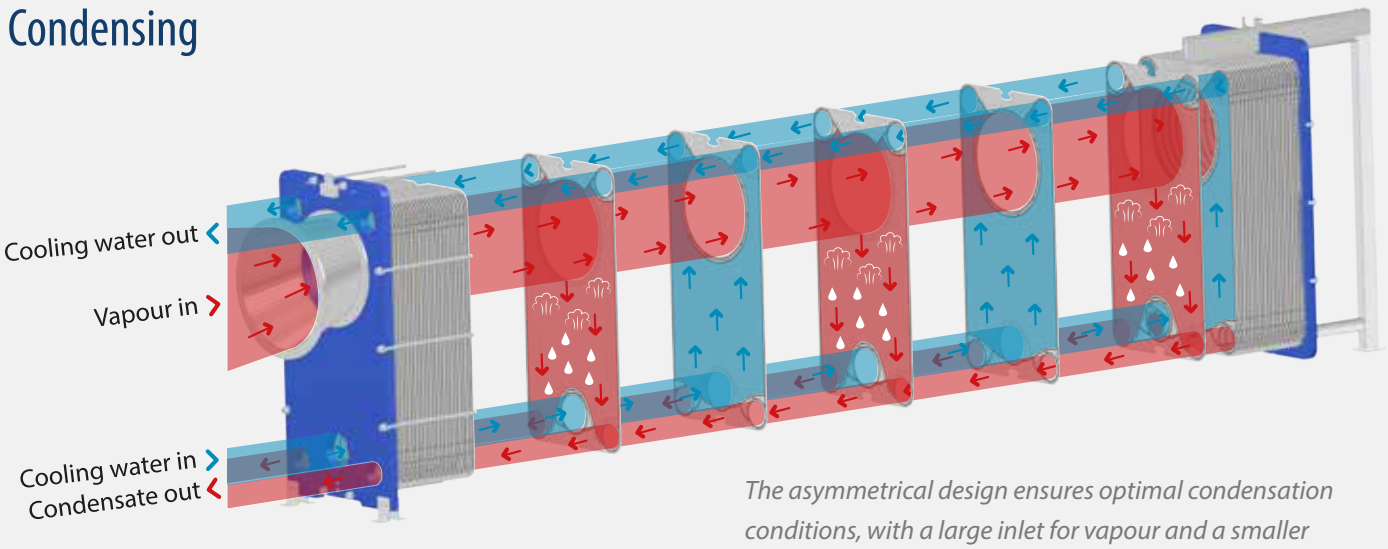
SonFlow Plate Heat Exchanger SFC501 & SFC801



The SonFlow Condenser and Evaporator are designed for condensing low-pressure vapour and evaporating duties. The unit is ideal use in the food, sugar, biogas, pulp and paper, mining, petrochemical, chemical and alcohol industries.

- Handling duties with large temperature difference between the hot and cold side.
- Specially developed plate pattern for condensing and evaporation of low pressure vapour.
- High thermal efficiency.
- Reduced risk of fouling due to turbulence on the cooling water side.
- Reduced pressure drop.
- Optimized effective area thanks to a genius design.
- Extension from DN500 to DN1000.

Condensing



The asymmetrical design ensures optimal condensation conditions, with a large inlet for vapour and a smaller in- and outlet for cooling water and condensate.

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

Applications

- Dairy/food/beverage industry
- Sugar industry
- Biogas industry
- Pulp and paper industry
- Mining industry
- Chemical industry
- Petrochemical industry
- Alcohol industry

Benefits

- Design pressure: 0,6 mpa
- Design temperature: 180°
- Designed for CIP-Cleaning
- The gasket design makes it more cost-effective
- Easy cleaning of both circuits (no welded plates)

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.

A wide selection of heat exchangers:

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10014 - 02.2024 - Rev. 0

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