

From wastewater to sustainable heating

Utilize excess heat with a plate heat exchanger



SonFlow

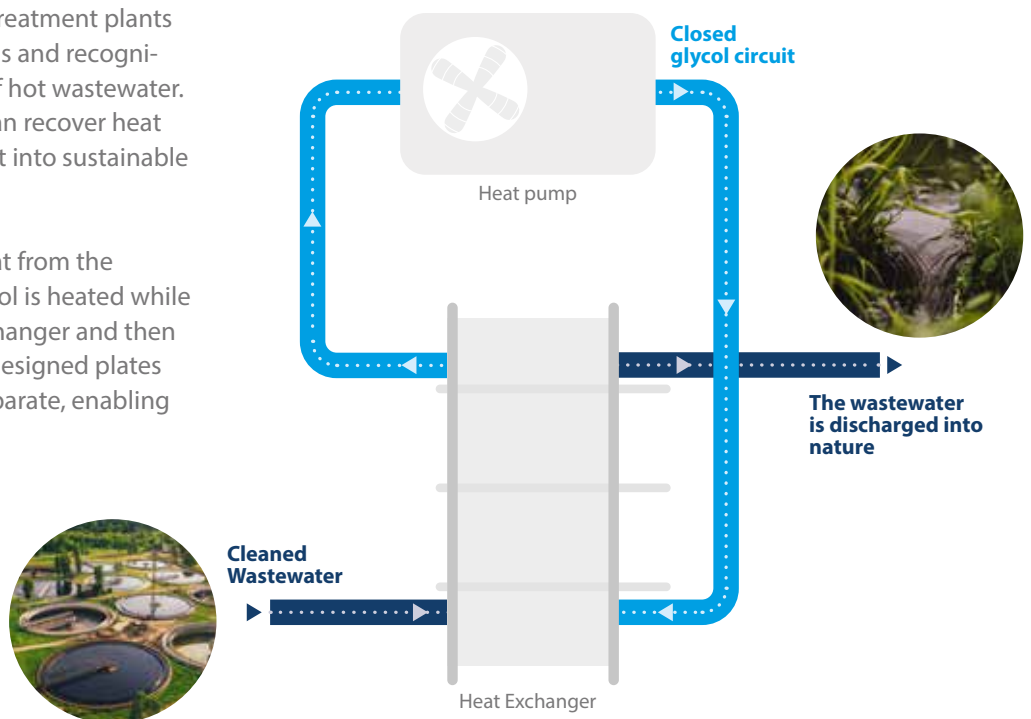


Would you like to leverage the potential of using wastewater for heat recovery?

An increasing number of wastewater treatment plants are prioritizing environmental concerns and recognizing the significant energy potential of hot wastewater. With our plate heat exchangers, you can recover heat from treated wastewater and convert it into sustainable heating.

The plate heat exchanger transfers heat from the wastewater to a glycol circuit. The glycol is heated while circulating through the plate heat exchanger and then transferred to a heat pump. Specially designed plates ensure that the two circuits remain separate, enabling heat exchange between the fluids.

This technology is an efficient and sustainable way to utilize the heat from wastewater and convert it into usable energy. By extracting energy from the wastewater, the temperature of the water decreases. This also has the advantage of contributing to a healthier marine environment, as the discharged water has a lower temperature.





FREE FLOW PLATE HEAT EXCHANGER

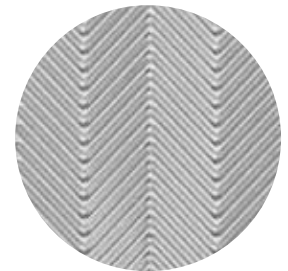
SonFlow's Free Flow exchanger series is an excellent choice for wastewater treatment applications. The deep channels enable highly viscous media to flow unobstructed. Our unique Free Flow plate pattern minimizes the risk of clogging and fouling, ensuring reliable operation. The Free Flow plate heat exchanger series is designed with a focus on high efficiency and operational reliability.



Free Flow plate

TRADITIONAL PLATE HEAT EXCHANGER

If the wastewater has been cleaned and is free of particles, a traditional plate heat exchanger may be the optimal solution. Designed to handle large volumes of wastewater, this type of heat exchanger enables high efficiency and increases energy efficiency in the heat treatment process.



Traditional plate

About SonFlow A/S

SonFlow A/S changed its name from DanPumps A/S in 2019 and began manufacturing plate heat exchangers as a complementary product to DanPumps' centrifugal pumps. SonFlow A/S is committed to innovation and advancement, delivering high-quality products and excellent service. We prioritize environmentally-friendly processes and incorporate modern eco-friendly approaches into product design and production. DanPumps' centrifugal pumps continue to be marketed under the DanPumps brand.

Manufacture of plate heat exchangers and pumps

With over 40 years of experience, SonFlow A/S specializes in manufacturing centrifugal pumps for all industries and plate heat exchangers for use in thermal processes. SonFlow offers a wide range of products for various applications, and our specialists take a professional approach to solving your specific pumping and plate heat exchanger challenges.



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