From wastewater to sustainable heating

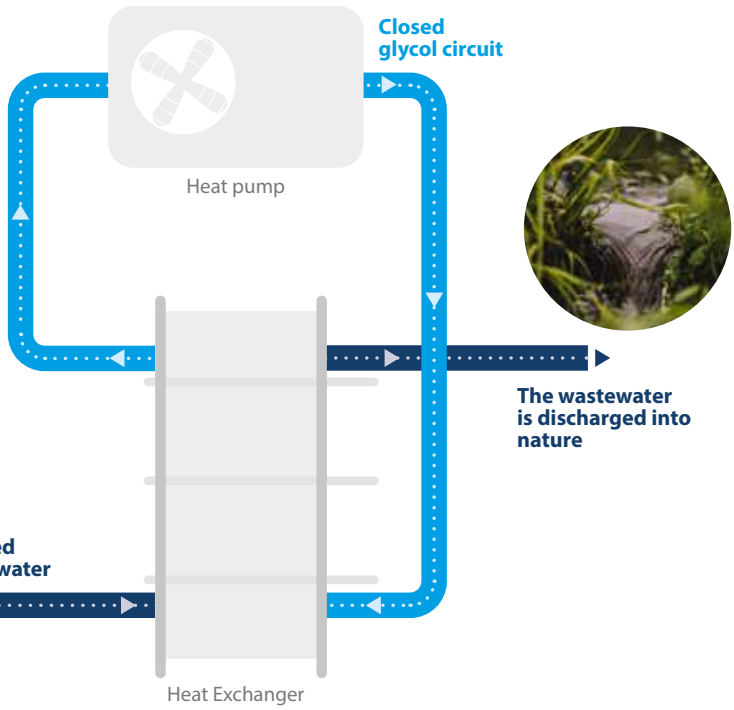
Utilize excess heat with a plate heat exchanger

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.



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

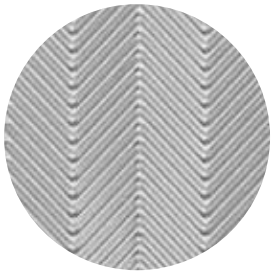
FREE FLOW PLATE HEAT EXCHANGER

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 has developed an optimized and efficient range of plate heat exchangers, based on more than 45 years of experience. Our product line includes industrial, sanitary, free flow, condenser/evaporator, and brazed-plate heat exchangers.

All our plate heat exchangers 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:

Connect with us:

SonFlow A/S

@SonFlowPumpsPHE

Join our newsletter:
www.Sonflow.eu

10018 - 02.2026 - Rev. 1

Copyright © 2024 SonFlow A/S • SonFlow A/S cannot be held responsible for possible errors in catalogues, brochures and other printed materials. SonFlow A/S reserves the right at any time to change the specifications without notice.