SAW6

All-Welded Plate Heat Exchangers

Recommended Applications:

The compact welded plate heat exchanger is designed with the focus on the refrigeration area, chemical industries, oil units, heat recovery, engine cooling and other industrial tasks.

Design Principle

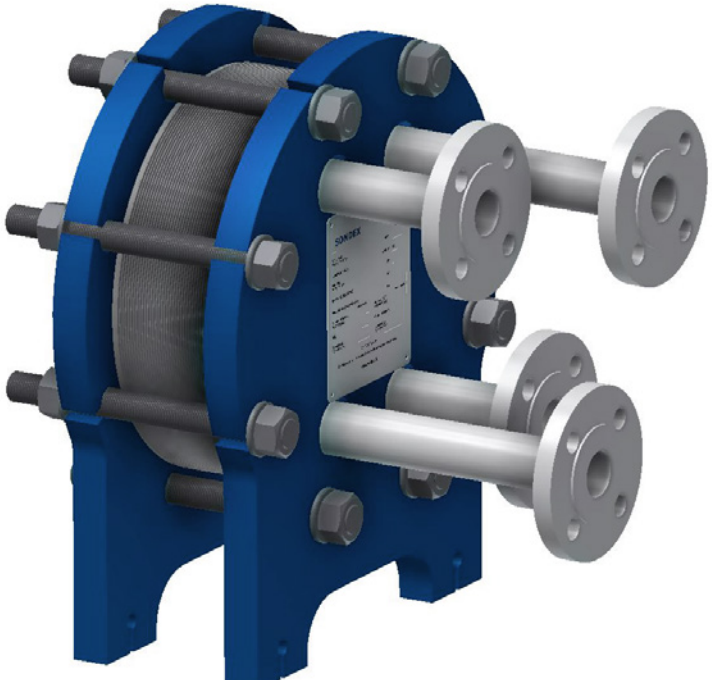
The Sondex type SAW6 all-welded heat exchanger contains a plate pack and will cover many duties up to 40 m^3/h (176 gpm) in a single pass solution where all 4 connections are on the front side. This means easy pipe- and service work.

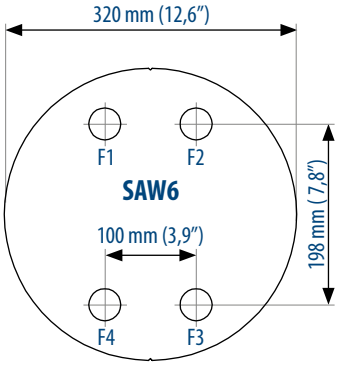
The welded plate heat exchanger is assembled with a welded plate pack between two standard flanges. The final result is a strong and compact heat exchanger with high heat transmission.

Data Required for Correct Quotation:

- Duty
- Type of media
- Pressure loss
- Flow rate
- Working pressure
- Thermodynamic properties
- Temperature
- Working Temperature

Above data determines the choice of heat exchanger.





Technical Information

Frame:
- Painted frame, colour RAL 5010 from ÷10°C to 120°C (÷14 to 240°F) (available in other colours).
- Paintet frame, colour TEKNOHEAT 1180 (Silicone paint) from 180°C (356°F) and up.

The frame comes with clamping bolts placed around the frame edge.

Standard Materials:
- Flow plates and connections in stainless steel

Design pressure:
The unit is designed for max.: 10, 16 and 25 Bar.
(145, 232 and 362,5 PSI)

Design temperature:
The unit is designed for max.: ÷10 to 250°C (÷14 to 482°F)

Construction Standard:
- EN13445 (PED 2014/68/EU)

Connections:
- 1¼" thread ISO7 BSP/NPT
- DN32 flange in carbon steel

According to all known standards.

Plate Material:
AISI 316 and SMO.
Other materials available on request.

Extra Equipment:
- Insulating jacket
- Foundation feet for frame

For exact dimensions of the PHE please refer to the dimension drawing

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