



Tank heat transfer module

Innovative system technology for modern heating and solar thermal systems



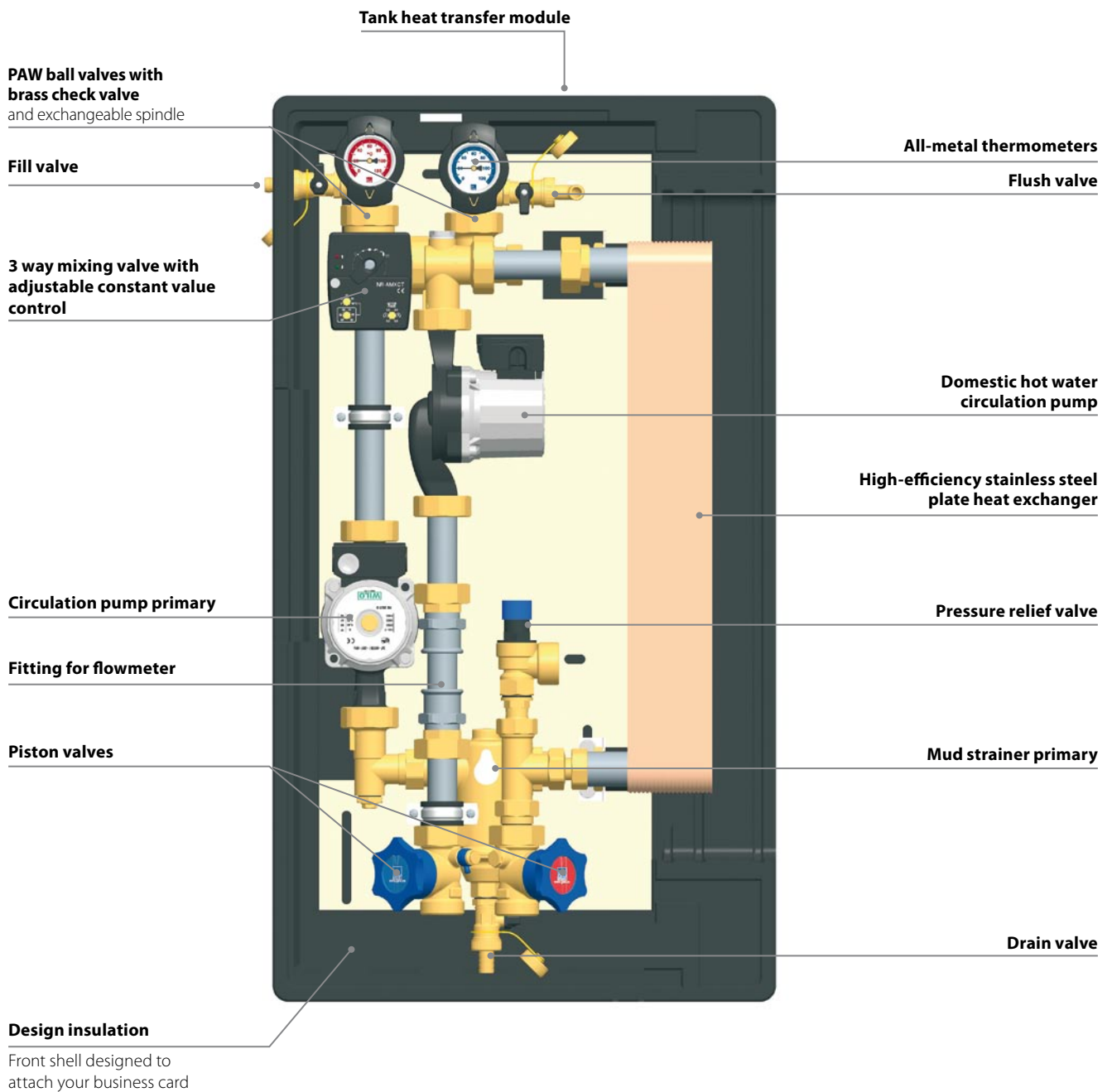


Tank heat transfer module

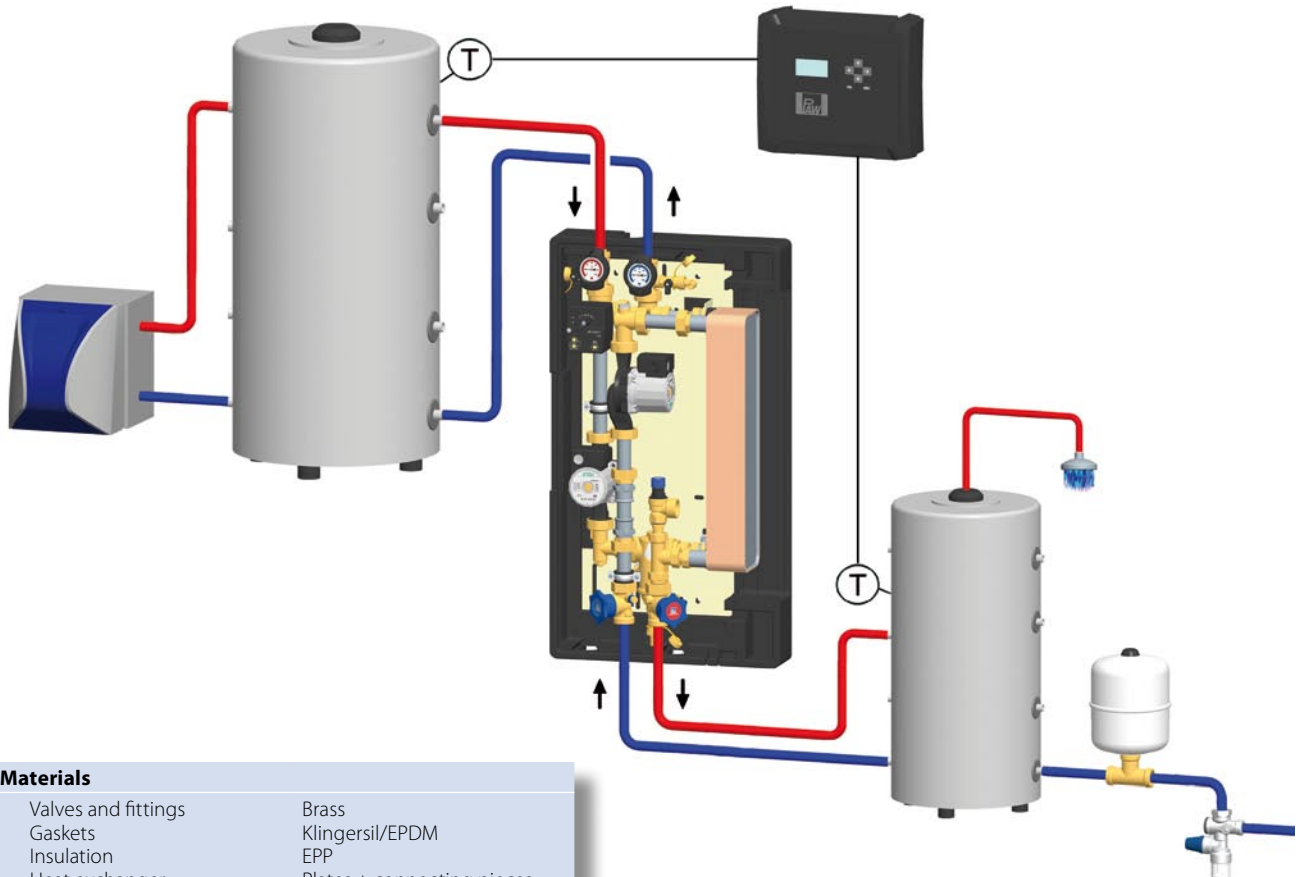
Tank heat transfer module

The compact and completely premounted tank heat transfer module, completely insulated, with generously dimensioned stainless steel plate heat exchanger, with adjustable constant-value control, assures a simple and quick installation as well as a safe commissioning.

The tank heat transfer module offers you the following features:



Technical data



Materials

Valves and fittings	Brass
Gaskets	Klingersil/EPDM
Insulation	EPP
Heat exchanger	Plates + connecting pieces: 1.4401 Solder: 99.99 % copper

Technical data

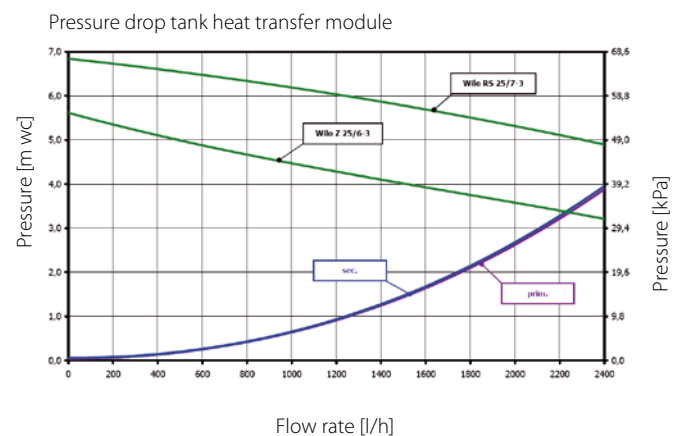
Max. pressure	10 bars
Max. operating temperature	95 °C

Equipment

Mud strainer	
Pressure relief valve	10 bars, domestic hot water
Thermometer	0-120 °C

Dimensions

Connections	1" internal thread primary, 1 1/4" external thread, flat sealing secondary
Width	540 mm
Height	870 mm




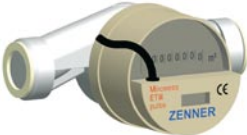
Performance of the tank heat transfer module

Buffer tank flow temperature	Set hot water temperature	Max. transferred power	Buffer tank return temperature
55 °C	50 °C	up to 70 kW ¹	26 °C
60 °C	50 °C	up to 83 kW ²	23 °C
65 °C	50 °C	up to 83 kW ²	19 °C
65 °C	60 °C	up to 80 kW ¹	31 °C
70 °C	60 °C	up to 104 kW ²	26 °C
75 °C	60 °C	up to 104 kW ²	23 °C

Supply of cold water = 10 °C!

¹ Max. flow rate primary = 35 l/min $\hat{=}$ 2 m of residual head of the primary pump

² Max. flow rate secondary = 30 l/min $\hat{=}$ 1.5 m of residual head of the secondary pump

Illustration	Item	Item no.
	<p>Tank heat transfer module</p>	
	<p>primary: Wilo RS 25/7-3, secondary: Wilo Z 25/6-3</p>	<p>78390030</p>
	<p>Equipment</p>	
	<p>Supplementary set for heat quantity measurement consists of heat flowmeter QN = 2.5 with impulse output 1 litres/impulse. Installation length 130 mm, 1" external thread, flat-sealing, 2 sensors 1/4", for installation in the piston valves, cannot be calibrated.</p>	
	<p>Supplementary set for heat quantity measurement</p>	<p>131927</p>

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