

Solex XL HZH/HZL

Innovative system technology for modern heating
and solar thermal systems

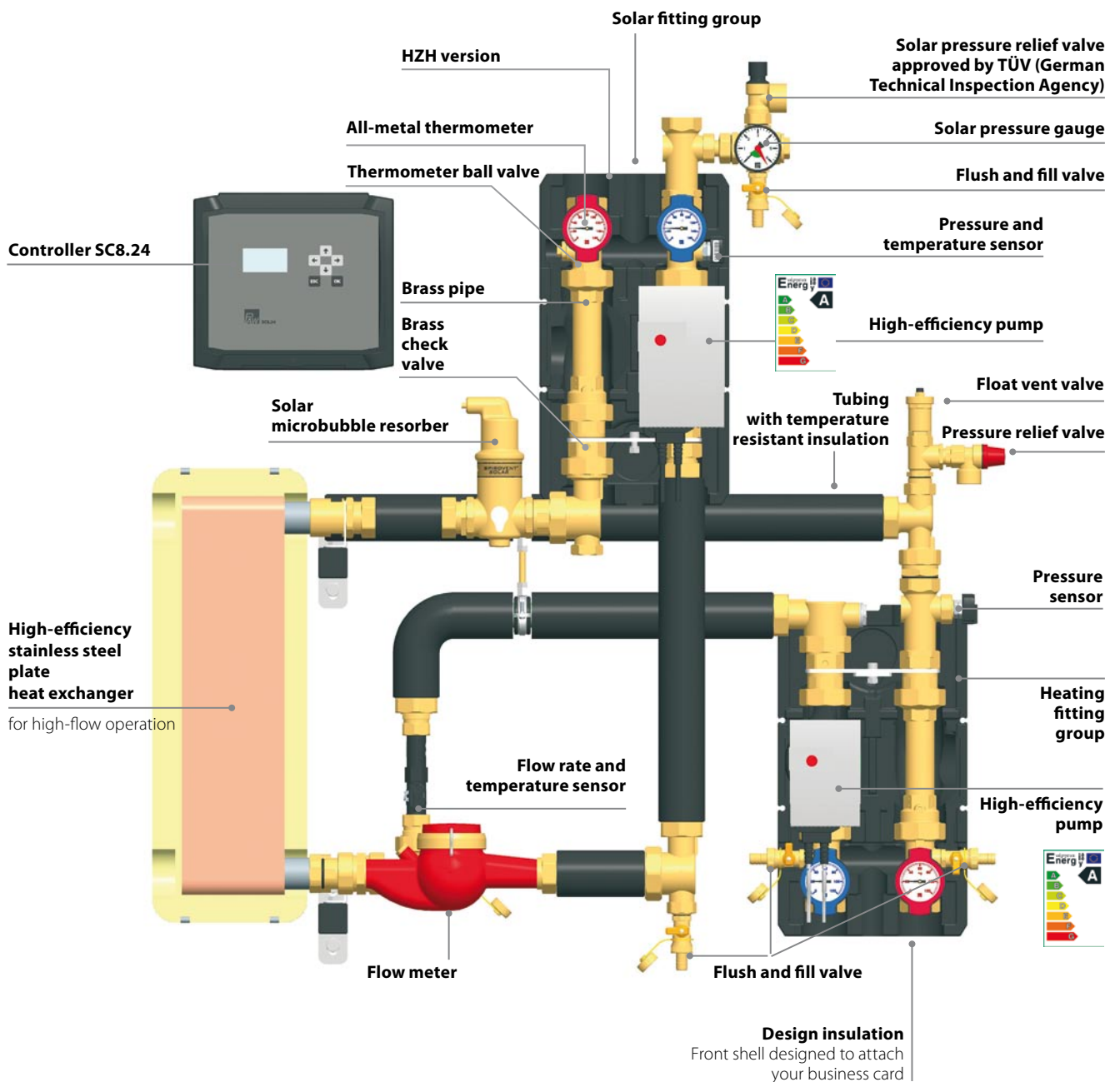




Solex XL HZH/HZL

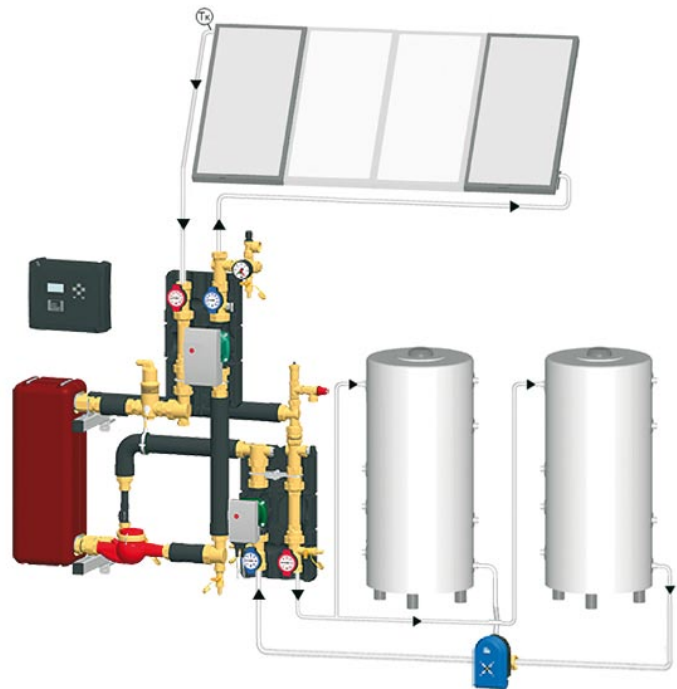
Solar transfer station for charging of buffer storage tanks

The compact and partially premounted solar transfer station for high-flow or low-flow operation, completely insulated, with generously dimensioned stainless steel plate heat exchanger, with preset controller, assures a simple and quick installation as well as a safe commissioning. The transfer station is available as HZH/HZL version and offers you the following features:

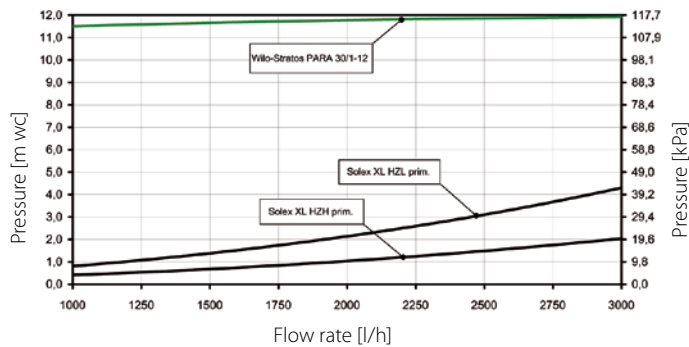


Technical data

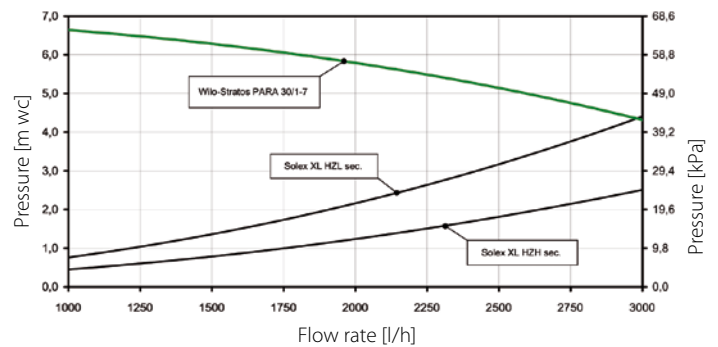
Materials	
Valves and fittings	Brass
Gaskets	Klingersil/EPDM
Insulation	EPP
Check valves	Brass/Stainless steel
Heat exchanger	Plates + connecting pieces: 1.4401 Solder: 99,99 % copper
Technical data	
Max. pressure	6 bars
Max. operating temperature	120 °C
Equipment	
Airstop	
Check valves	2 x 200 mm wc
Pressure relief valve	6 bars, for solar thermal systems 3 bars, for heating installations
Pressure gauge	0-6 bars, resistant to high temperatures
Thermometer	0-120 °C in the secondary circuit
Controller	SC8.24 (Standard)
Dimensions	
Connections	1¼" internal thread
Width	1,030 mm
Height	1,140 mm



Pressure drop Solex XL primary



Pressure drop Solex XL secondary



Solex XL - for high-flow systems [25-40 l / (m² collector x h)]


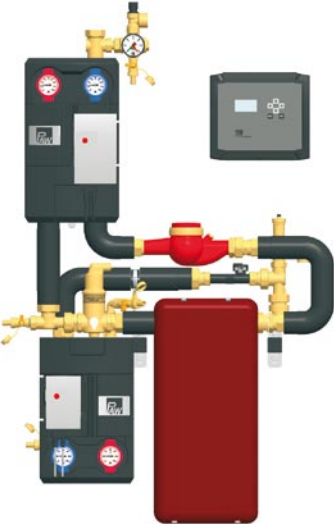

Solex XL - HZH 6480256WH	Operating mode* (Flow rate per m ² collector surface)	Collector surface	Power	Temperature difference (inlet/outlet collector)
	25 l / (m ² x h)	90 m ²	45 kW	19 K
	35 l / (m ² x h)	65 m ²	32.5 kW	13 K

Solex XL - for low-flow systems [15-20 l / (m² collector x h)]

Solex XL - HZL 6480273WH	Operating mode* (Flow rate per m ² collector surface)	Collector surface	Power	Temperature difference (inlet/outlet collector)
	15 l / (m ² x h)	150 m ²	75 kW	31 K
	20 l / (m ² x h)	112 m ²	56 kW	23 K

Conditions: Irradiation = 800 W/m²; efficiency $\eta_{0,05} = 65\%$

*depends on collector type / system requirements

Item	Solex XL HZH/HZL	corresp.	Item no.
	<p>Solex XL for high-flow operation</p> <p>HZH: prim.: Wilco Stratos PARA 30/1-12, sec.: Wilco-Stratos PARA 30/1-7</p>	<p>A</p>	<p>6480256WH</p>
	<p>Solex XL for low-flow operation</p> <p>HZL: prim.: Wilco Stratos PARA 30/1-12, sec.: Wilco-Stratos PARA 30/1-7</p>	<p>A</p>	<p>6480273WH</p>
<p>Equipment</p>			<p>Item no.</p>
	<p>UV3 switch valve with actuator - DN 32 to switch between different storage tanks, DN 32, 1 1/4" internal thread, setting time 90°: 18 sec.</p> <p>UV3 switch valve with actuator - DN 32</p>		<p>563553</p>