

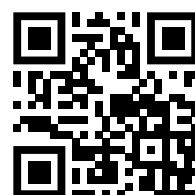


Solex
Solar thermal systems

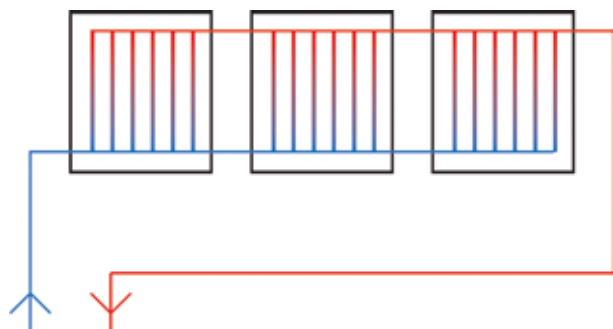


Product range Solex

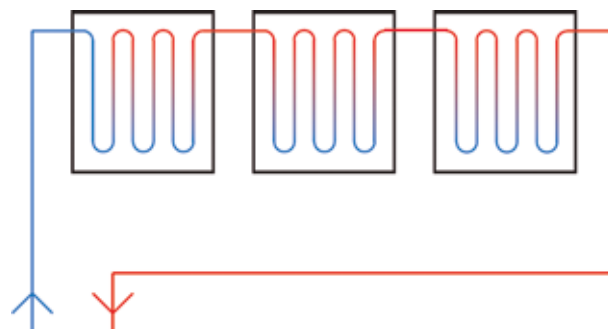
Technical data and product information



High-Flow system with harp collectors



Low-Flow system with meander collectors



Dimensioning of a Solex module

Different collector types with the same size of collector field need very different flow rates for an effective operation without interruption. The hydraulic connection of the collector field as well as the shape of the collector can also influence the optimal flow of the solar circuit. Corresponding values should be agreed with the manufacturer of the collectors. They can also be found in the technical documents of the collectors.

The solar systems are roughly divided into High-Flow systems and Low-Flow systems. High-Flow systems are operated with a higher flow rate and a smaller temperature difference between collector inlet and collector outlet. In reality, these systems have less pressure drop than Low-Flow systems. Accordingly, Low-Flow systems work with lower flow rates and a higher temperature difference. The Solex transfer stations can be used for High-Flow solar thermal systems as well as for Low-Flow systems.

The values for the specific flow rate given below refer to the nominal flow rate.

Depending on the control target and the basic conditions, the flow rate in the partial-load range is adapted by the controller and can be much smaller than the calculated nominal flow rate.

High-Flow systems have a flow rate of 25 to 40 litres per square metre of collector surface and hour or 0.42 to 0.67 litres per square metre of collector surface and minute.

Low-Flow systems have a flow rate of 10 to 20 litres per square metre of collector surface and hour or 0.17 to 0.33 litre per square metre of collector surface and minute.

The **total flow rate** in a solar thermal system depends on:

- System operation mode (High-Flow/Low-Flow)
- Collector surface
- Performance of the heat exchanger (secondary)

The **circulation pump dimensioning** depends on:

- Flow rate
- Pressure drop of heat exchanger, collector, piping system

For the selection table of the proper Solex, we assumed a minimum head of ~5 m wc (~50 kPa). If the real collector field (including pipes) has a higher pressure drop, a detailed dimensioning is inevitable.

Selection table solar transfer stations - Solex

Specific flow rate in l/(m² x h)	Collector surface in m²																
	15	20	25	30	40	50	60	70	80	90/ 100	120	140/ 160	180/ 200	240	280	320	360/ 400
15	Mini	Mini	Mini	Mini	Midi	Midi	Midi	Maxi	Maxi	Maxi	Mega	Mega	Mega	2x Mega	2x Mega	2x Mega	2x Mega
20	Mini	Mini	Mini	Mini	Midi	Midi	Maxi	Maxi	Maxi	Maxi	Mega	Mega	Mega	2x Mega	2x Mega	2x Mega	2x Mega
25	Mini	Mini	Mini	Midi	Midi	Maxi	Maxi	Maxi	Maxi	Mega	Mega	Mega	2x Mega	2x Mega	2x Mega	2x Mega	***
30	Mini	Mini	Mini	Midi	Midi	Maxi	Maxi	Maxi	Mega	Mega	Mega	2x Mega	2x Mega	2x Mega	***	/	/
35	Mini	Mini	Midi	Midi	Maxi	Maxi	Maxi	Mega	Mega	Mega	2x Mega	2x Mega	2x Mega	***	/	/	/
40	Mini	Midi	Midi	Midi	Maxi	Maxi	Mega	Mega	Mega	Mega	2x Mega	2x Mega	2x Mega	***	/	/	/

*** precise dimensioning required



We are happy to help you with a detailed calculation of your system and the selection of the individual modules and cascade solutions.

Please contact us!

**SolexMaxi-Kaskade HZ
with collector, boiler
and diaphragm expansion tank -
ideally for large systems,
such as sport facilities or hotels**





SolexMini - for installations up to 36 m² of collector surface

SolexMini HZ	Operating mode	Collector surface	Output	Temp. difference (collector inlet/ collector outlet)
	25 l/(m ² xh)	36 m ²	18 kW	20 K
	40 l/(m ² xh)	30 m ²	15 kW	12 K

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



SolexMidi - for installations up to 60 m² of collector surface

SolexMidi HZ/TW	Operating mode	Collector surface	Output	Temp. difference (collector inlet/ collector outlet)
	15 l/(m ² xh)	60 m ²	31 kW	33 K
	40 l/(m ² xh)	30 m ²	15 kW	12 K

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



SolexMaxi - for installations up to 100 m² of collector surface

SolexMaxi HZ/TW	Operating mode	Collector surface	Output	Temp. difference (collector inlet/ collector outlet)
	15 l/(m ² xh)	100 m ²	50 kW	33 K
	25 l/(m ² xh)	80 m ²	25 kW	12 K

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



SolexMega - for installations up to 200 m² of collector surface

SolexMega HZ/TW	Operating mode	Collector surface	Output	Temp. difference (collector inlet/ collector outlet)
	15 l/(m ² xh)	200 m ²	100 kW	33 K
	25 l/(m ² xh)	160 m ²	50 kW	12 K

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



SolexMega-Kaskade - for installations up to 400 m² of collector surface

SolexMega-Kaskade HZ/TW	Operating mode	Collector surface	Output	Temp. difference (collector inlet/ collector outlet)
	15 l/(m ² xh)	400 m ²	200 kW	33 K
	25 l/(m ² xh)	320 m ²	100 kW	12 K

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



SolexMini



SolexMidi / SolexMaxi



SolexMega

Advantages of the PAW solar transfer stations:

- CE conform according to DIN EN 60335
- Insulation according to EnEV directive

PAW focuses on the two versions Solex HZ (heating) and Solex TW (DHW) for its solar transfer stations. The Solex HZ modules are suited for applications in heating systems whereas the Solex TW modules can be used in domestic hot water systems.

Solutions in the dimensions DN 15 to DN 50, offer a broad application range up to 400 m² of collector surface. Thus, you obtain a maximum flexibility during system planning.

Application range of solar transfer stations

To protect the solar circuit of a thermal solar system from frost, it is filled with a propylene glycol/water mixture.

The heating installation is normally operated with water.

To transfer the heat energy from the solar circuit to the heating circuit, a heat exchanger is used.

In small systems, a smooth pipe heat exchanger integrated in the storage tank transfers the heat energy. With larger collector fields, the heat transfer capacity of those heat exchangers is no longer sufficient.

In large systems, solar transfer stations transfer the collected heat energy from the collectors to the heating water circuit.

The centrepiece of these modules is a plate heat exchanger, whose cross-flow operating mode allows excellent heat transfer. The operating conditions in the heat exchanger vary, due to variations in radiation, buffer temperatures and different system requirements. For optimum operation of the overall system, the flow rates in the heat exchanger must be adapted to the relevant control target and current situation.

For this purpose, the Solex modules use high-efficiency pumps, which offer an extremely broad adjustment range.

This allows the controller to adapt the pumps optimally to the momentarily required flow rate within a very broad application range.

Additionally, the pumps used save more than 50% of electrical driven energy compared to conventional asynchronous pumps. Furthermore, these pumps meet the energy efficiency guidelines (EuP / ErP READY).

The controller is delivered preset, assembled and wired, thus ensuring easy adjustment to the real system.

The use of flow rate sensors in the Solex modules allows a power adjusted control, an efficient system monitoring and an integrated heat quantity measurement.

For a safe and quick commissioning, the Solex modules are equipped with pressure relief valves, ball valves as well as with fill and drain valves.



Controller SC5.14 for solar transfer stations:

SolexMini HZ	for installations up to 36 m ² of collector surface
SolexMidi HZ/TW	for installations up to 60 m ² of collector surface
SolexMaxi HZ/TW	for installations up to 100 m ² of collector surface
SolexMega HZ/TW	for installations up to 200 m ² of collector surface
SolexMega-Kaskade HZ/TW	for installations up to 400 m ² of collector surface

The controller SC5.14 is completely mounted and preset, so that only the collector field sensor and the storage tank sensor must be installed and connected. A text-based menu navigation in five selectable languages permits a simple controller operation.

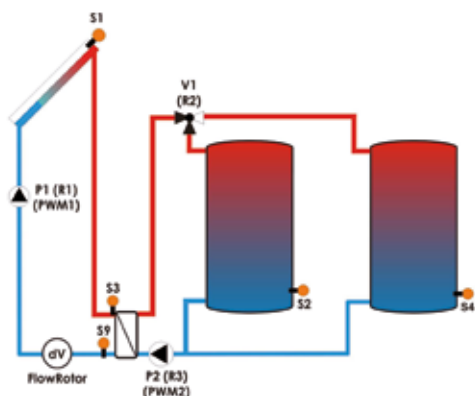
The controller comprises preset systems and can be used in solar installations with up to two domestic hot water tanks.

The preset systems are optimised for PAW hydraulics.

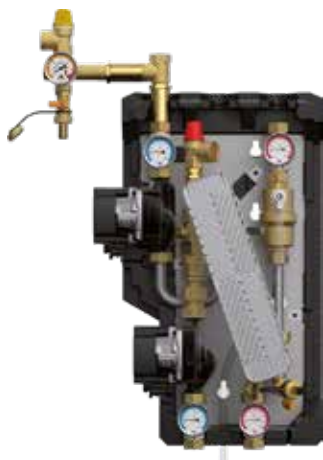
Not only temperature measurement, but also heat quantity balancing is possible by means of the sensors.

SC5.14 - Technical data			
Display	Multiline LC text display, illuminated, with menu navigation (multilingual)	ΔT-control	yes
Operation	7 push buttons	Speed control	yes
Relay outputs	4 x semiconductor relays, 230 V 1 x potential-free relay 4 x PWM signal (0-10 V) for speed control	Heat quantity measurement	yes
		Tube collector function	yes
Inputs	10 x Pt1000 1 x solar radiation input CS10 1 x impulse input V40 1 x RPS / VFS 1 x FlowRotor Grundfos Direct Sensor (analogue)	Antifreeze function	yes
		Thermal disinfection	yes
		External heat exchanger	yes
		Return distribution	yes
Interfaces	SD card (loading/saving of configuration files, firmware updates)	Bypass activation	yes
Heat quantity balancing	yes	Stratified storage tank charging	yes
Circulation (depending on time / temperature)	yes	Quick tank charging	yes
Flow rate sensors	yes	Thermostat function	yes

Connection scheme Solex HZ



Equipment for SC5.14	Item no.
Temperature sensor Pt1000 - Measuring range: - 50 °C to + 180 °C - Connection: 1.5 m of silicone cable - Dimensions: d = 6 mm	Q00146



SolexMini HZ

Application range

- for charging buffer storage tanks
- incl. heat quantity measurement according to the BAFA promotion directive for solar thermal systems
- **The CE-conformity of the module has been certified according to DIN EN 60335.**

Application range

- up to 36 m² of collector surface

Design data and differential pressure diagrams are on pages 5 and 18/19.

Operating data

Max. pressure	prim.: 6 bars / sec.: 3 bars
Maximum operating temperature	primary: 120 °C secondary: 95 °C
Operating mode 1	25 l/(m ² xh)
Operating mode 2	40 l/(m ² xh)

Technical data

Equipment

Check valves	prim.: 2 x 200 mm wc, sec.: 1 x 200 mm wc
Heat exchanger	24 plates
Controller	SC5.14
Sensors	2 x Pt1000 (integrated), 3 x Pt1000 (enclosed)
FlowRotor (primary)	0.5–15 l/min
Flowmeter (secondary)	0.5–15 l/min
Pressure gauge	0 - 6 bars, resistant to high temperatures
Safety valve	prim.: 6 bars, sec.: 3 bars

Dimensions

Nominal diameter	DN 15 (½")
Connections	prim./sec.: ¾" int. thread
Width	427 mm
Centre distance	82 mm
Height	680 mm
Installation length	562 mm
Depth	249 mm

Materials

Valves and fittings	Brass
Gaskets	Klingsil / EPDM
Insulation	EPP
Check valves	Brass
Heat exchanger	Solder: 99.99 % copper Plates + connecting pieces: 1.4401 (AISI 316)

**SolexMini HZ
with diaphragm
expansion tank**



SolexMini HZ – DN 15 (½")

Item no.



prim.: Grundfos UPM3 Solar 15-145, sec.: Grundfos UPM3 Solar 15-75

6091410

Accessories SolexMini HZ

Item no.



2-way zone valve - DN 20 (¾")

563532

for connecting and disconnecting single storage tanks, DN 20, ¾" int. thread, setting time for 90°: 30 sec.



3-way zone valve - DN 20 (¾")

563533

for switching between single storage tanks, DN 20, ¾" int. thread, setting time for 90°: 18 sec., Kvs value = 7



SolexMidi HZ



SolexMidi TW

Application range

- Version HZ: for charging buffer storage tanks
- Version TW: for charging of domestic hot water storage tanks
- incl. heat quantity measurement according to the BAFA promotion directive for solar thermal systems
- **The CE-conformity of the module has been certified according to DIN EN 60335.**

Application range

- up to 60 m² of collector surface

Design data and differential pressure diagrams

are on pages 5 and 18/19.

Operating data

Max. pressure	HZ: prim. / sec.: 6 bars TW: prim.: 6 bars / sec.: 10 bars
Maximum operating temperature	primary: 120 °C secondary: 95 °C
Operating mode 1	15 l/(m ² xh)
Operating mode 2	40 l/(m ² xh)

Technical data

Equipment

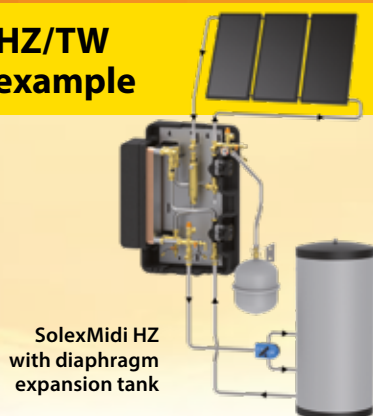
Check valves	HZ: prim.: 2 x 200 mm wc, sec.: 2 x 200 mm wc TW: prim.: 2 x 200 mm wc, sec.: 1 x 150 mm wc
Heat exchanger	30 plates
Controller	SC5.14
Sensors	HZ: 2 x Pt1000 (integrated), 3 x Pt1000 (enclosed) TW: 2 x Pt1000 (integrated), 2 x Pt1000 (enclosed)
FlowRotor (primary)	HZ/TW: 2-50 l/min
Flowmeter (secondary)	HZ: 3-22 l/min
Pressure gauge	0 - 6 bars, resistant to high temperatures
Safety valve	HZ: prim. / sec.: 6 bars TW: prim.: 6 bars, sec.: 10 bars

Dimensions

Nominal diameter	DN 20 (¾")
Connections	HZ: prim.: ¾" int. thread, sec.: ¾" int. thread TW: prim.: ¾" int. thread, sec.: 1" ext. thread
Width	674 mm
Centre distance	120 mm
Height	795 mm
Installation length	HZ: 670 mm TW: 678 mm
Depth	298 mm

Materials

Valves and fittings	Brass
Gaskets	Klingersil / EPDM
Insulation	EPP
Check valves	Brass
Heat exchanger	Solder: 99.99 % copper Plates + connecting pieces: 1.4401 (AISI 316)



SolexMidi HZ
with diaphragm
expansion tank





SolexMidi TW
with diaphragm
expansion tank
and domestic water
safety group

SolexMidi HZ – DN 20 (¾")	Item no.
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prim.: Grundfos UPM3 Solar 15-145, sec.: Grundfos UPM3 Solar 15-75

6095430


Accessories SolexMidi HZ	Item no.
	2-way zone valve - DN 20 (¾") for connecting and disconnecting single storage tanks, DN 20, ¾" int. thread, setting time for 90°: 30 sec.
	3-way zone valve - DN 20 (¾") for switching between single storage tanks, DN 20, ¾" int. thread, setting time for 90°: 18 sec., Kvs value = 7

SolexMidi TW – DN 20 (¾")	Item no.
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prim.: Grundfos UPM3 Solar 15-145, sec.: Grundfos UPM3 15-70 CIL3

6095436

Zubehör SolexMidi TW	Item no.
	2-way zone valve - DN 20 (¾"), suitable for DHW suitable for DHW, for connecting or disconnecting single storage tanks or flow paths, DN 20, ¾" int. thread, setting time for 90°: 12 sec, Kvs value = 45. DVGW, ACS and WRAS certified.



SolexMaxi HZ



SolexMaxi TW

Application range

- Version HZ: for charging buffer storage tanks
- Version TW: for charging of domestic hot water storage tanks
- incl. heat quantity measurement according to the BAFA promotion directive for solar thermal systems
- **The CE-conformity of the module has been certified according to DIN EN 60335.**

Application range

- up to 100 m² of collector surface

Design data and differential pressure diagrams
are on pages 5 and 18/19.

Operating data

Max. pressure	HZ: prim. / sec.: 6 bars TW: prim.: 6 bars / sec.: 10 bars
Maximum operating temperature	primary: 120 °C secondary: 95 °C
Operating mode 1	15 l/(m ² xh)
Operating mode 2	25 l/(m ² xh)

Technical data

Equipment

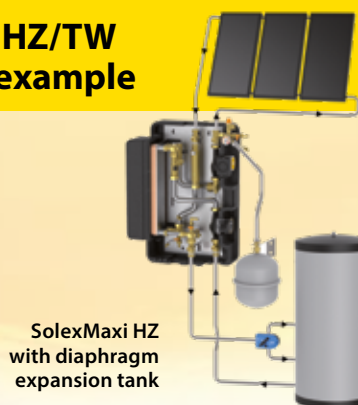
Check valves	HZ: prim.: 2 x 200 mm wc, sec.: 1 x 200 mm wc TW: prim.: 2 x 200 mm wc, sec.: 1 x 150 mm wc
Heat exchanger	60 plates
Controller	SC5.14
Sensors	HZ: 2 x Pt1000 (integrated), 3 x Pt1000 (enclosed) TW: 2 x Pt1000 (integrated), 2 x Pt1000 (enclosed)
FlowRotor (primary)	HZ/TW: 2-50 l/min
Flowmeter (secondary)	HZ: 5-40 l/min
Pressure gauge	0 - 6 bars, resistant to high temperatures
Safety valve	HZ: prim. / sec.: 6 bars TW: prim.: 6 bars, sec.: 10 bars

Dimensions

Nominal diameter	DN 25 (1")
Connections	HZ: prim.: 1" int. thread, sec.: 1" int. thread TW: prim.: 1" int. thread, sec.: 1½" ext. thread
Width	674 mm
Centre distance	120 mm
Height	828 mm
Installation length	HZ: 709 mm TW: 716 mm
Depth	298 mm

Materials

Valves and fittings	Brass
Gaskets	Klingsil / EPDM
Insulation	EPP
Check valves	Brass
Heat exchanger	Solder: 99.99 % copper Plates + connecting pieces: 1.4401 (AISI 316)



**SolexMaxi HZ
with diaphragm
expansion tank**





**SolexMaxi TW
with diaphragm
expansion tank
and domestic water
safety group**

SolexMaxi HZ – DN 25 (1")	Item no.
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prim.: Grundfos Solar PML 25-145, sec.: Grundfos UPM3 Solar 25-75

6096460


Accessories SolexMaxi HZ		Item no.
	2-way zone valve - DN 25 (1")	563542
	for connecting and disconnecting single storage tanks, DN 25, 1" int. thread, setting time for 90°: 30 sec.	
	3-way zone valve - DN 25 (1")	563543
	for switching between single storage tanks, DN 25, 1" int. thread, setting time for 90°: 18 sec., Kvs value = 11	

SolexMaxi TW – DN 25 (1")	Item no.
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prim.: Grundfos Solar PML 25-145, sec.: Grundfos UPML 25-105 N

6096465

Accessories SolexMaxi TW		Item no.
	2-way zone valve - DN 25 (1"), suitable for DHW	563551
	suitable for DHW, for connecting or disconnecting single storage tanks or flow paths, DN 25, 1" int. thread, setting time for 90°: 12 sec, Kvs value = 60. DVGW, ACS and WRAS certified.	



SolexMega HZ



SolexMega TW

Application range

- Version HZ: for charging buffer storage tanks
- Version TW: for charging of domestic hot water storage tanks
- incl. heat quantity measurement according to the BAFA promotion directive for solar thermal systems
- **The CE-conformity of the module has been certified according to DIN EN 60335.**

Application range

- up to 200 m² of collector surface

Design data and differential pressure diagrams
are on pages 5 and 18/19.

Operating data

Max. pressure	HZ: prim. / sec.: 6 bars TW: prim.: 6 bars / sec.: 10 bars
Maximum operating temperature	primary: 120 °C secondary: 95 °C
Operating mode 1	15 l/(m ² ·h)
Operating mode 2	25 l/(m ² ·h)

Technical data

Equipment

Check valves	HZ: prim.: 2 x 200 mm wc, sec.: 2 x 200 mm wc TW: prim.: 2 x 200 mm wc, sec.: 1 x 150 mm wc
Heat exchanger	2 x 50 plates
Controller	SCS.14
Sensors	HZ: 2 x Pt1000 (integrated), TW: 2 x Pt1000 (integrated), 2 x Pt1000 (enclosed)
FlowRotor (primary)	HZ/TW: 2-130 l/min
Pressure gauge	0 - 6 bars, resistant to high temperatures HZ: analogue output 0.5 - 3 V
Safety valve	HZ: prim. / sec.: 6 bars TW: prim.: 6 bars, sec.: 10 bars

Dimensions

Nominal diameter	DN 32 (1¼")
Connections	HZ: prim.: 1½" int. thread, sec.: 1½" int. thread TW: prim.: 1½" int. thread, sec.: 1½" ext. thread
Width	710 mm
Centre distance	158 mm
Height	1,654 mm
Installation length	HZ: 1,205 mm TW: 1,175 mm
Depth	920 mm

Materials

Valves and fittings	HZ: Brass TW: Brass / Bronze
Gaskets	HZ: Klingsil / EPDM TW: EPDM or AFM34, asbestos-free
Insulation	EPP
Check valves	Brass
Heat exchanger	HZ/TW: Solder: 99.99 % copper HZ: Plates + connecting pieces: 1.4400 TW: Plates + connecting pieces: 1.4401 (AISI 316)





SolexMega HZ
with diaphragm expansion tank

SolexMega HZ – DN 32 (1¼")	Item no.
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prim.: Grundfos UPMXL 25-125, sec.: Grundfos UPML 25-105

6097460


Accessories SolexMega HZ		Item no.
	Return distribution set 1½" int. thread	6404242
	3-way valve with actuator, setting time for 90°: 35 sec., Kvs value: 25 for FriwaMidi/Maxi-Kaskade, FriwaMega, SolexMega HZ	
	3-way zone valve - DN 32 (1¼")	563553
	for switching between single storage tanks, DN 32, 1¼" int. thread, setting time for 90°: 18 sec., Kvs value = 15	

SolexMega TW – DN 32 (1¼")	Item no.
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prim.: Grundfos UPMXL 25-125, sec.: Grundfos UPML 25-105 N

6097465

Accessories SolexMega TW		Item no.
	2-way zone valve - DN 25 (1"), suitable for DHW	563551
	suitable for DHW, for connecting or disconnecting single storage tanks or flow paths, DN 25, 1" int. thread, setting time for 90°: 12 sec, Kvs value = 60. DVGW, ACS and WRAS certified.	



SolexMega-Kaskade HZ

SolexMega-Kaskade TW

Application range

- Version HZ: for charging buffer storage tanks
- Version TW: for charging of domestic hot water storage tanks
- incl. heat quantity measurement according to the BAFA promotion directive for solar thermal systems
- **The CE-conformity of the module has been certified according to DIN EN 60335.**

Application range

- up to 400 m² of collector surface

Design data and differential pressure diagrams
are on pages 5 and 18/19.

Operating data

Max. pressure	HZ: prim. / sec.: 6 bars TW: prim.: 6 bars / sec.: 10 bars
Maximum operating temperature	primary: 120 °C secondary: 95 °C
Operating mode 1	15 l/(m ² xh)
Operating mode 2	25 l/(m ² xh)

Technical data

Equipment

Check valves	HZ: prim.: 4 x 200 mm wc, sec.: 4 x 200 mm wc TW: prim.: 4 x 200 mm wc, sec.: 2 x 150 mm wc
Heat exchanger	4 x 50 plates
Controller	SC5.14
Sensors	HZ: 4 x Pt1000 (integrated), TW: 2 x Pt1000 (integrated), 4 x Pt1000 (enclosed)
FlowRotor (primary)	HZ/TW: 2-130 l/min
Pressure gauge	0 - 6 bars, resistant to high temperatures
Safety valve	HZ: prim. / sec.: 6 bars TW: prim.: 6 bars, sec.: 10 bars

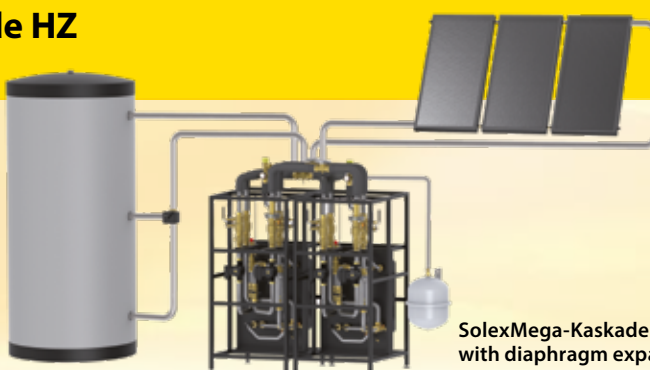
Dimensions

Nominal diameter	DN 50 (2")
Connections	HZ: prim.: 2" ext. thread / flange DN 50 sec.: 2" ext. thread / flange DN 50 TW: prim.: 2" ext. thread / flange DN 50 sec.: 2" ext. thread / flange DN 50
Width	1,420 mm
Centre distance	158 mm
Height	1,672 mm
Installation length	1,672 mm
Depth	HZ: 920 mm TW: 870 mm

Materials

Valves and fittings	HZ: Brass HZ: Brass / Bronze
Gaskets	EPDM or AFM34, asbestos-free
Insulation	EPP
Check valves	Brass
Heat exchanger	HZ/TW: Solder: 99.99 % copper HZ: Plates + connecting pieces: 1.4400 TW: Plates + connecting pieces: 1.4401 (AISI 316)

SolexMega-Kaskade HZ Mounting example



SolexMega-Kaskade HZ
with diaphragm expansion tank

SolexMega-Kaskade HZ – DN 50 (2")	Item no.
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prim.: Grundfos UPMXL 25-125, sec.: Grundfos UPML 25-105

6098460

Accessories SolexMega-Kaskade HZ	Item no.
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Return distribution set, 2" int. thread

6404244

3-way valve with actuator, setting time for 90°: 35 sec., Kvs value: 40
for FriwaMega-Kaskade, SolexMega-Kaskade HZ

SolexMega-Kaskade TW – DN 50 (2")	Item no.
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prim.: Grundfos UPMXL 25-125, sec.: Grundfos UPML 25-105 N

6098465

Accessories SolexMega-Kaskade TW	Item no.
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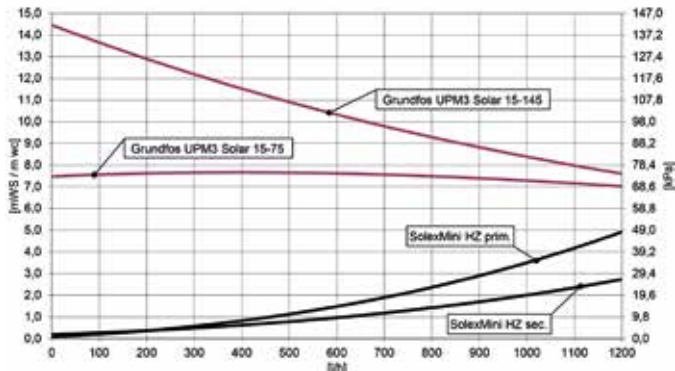


2-way zone valve - DN 25 (1"), suitable for DHW

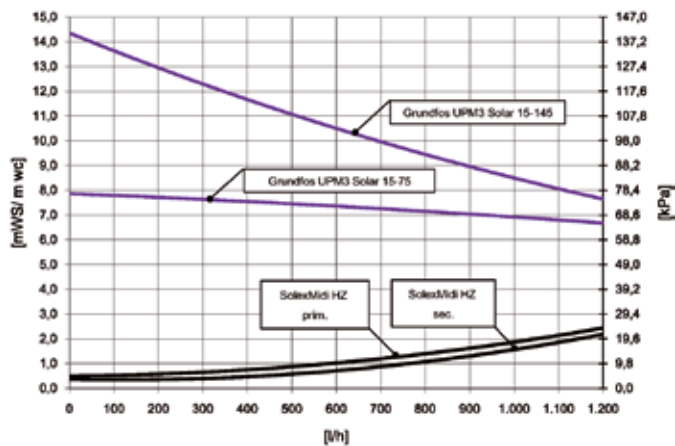
563551

suitable for DHW, for connecting or disconnecting single storage tanks or flow paths,
DN 25, 1" int. thread, setting time for 90°: 12 sec, Kvs value = 60.
DVGW, ACS and WRAS certified.

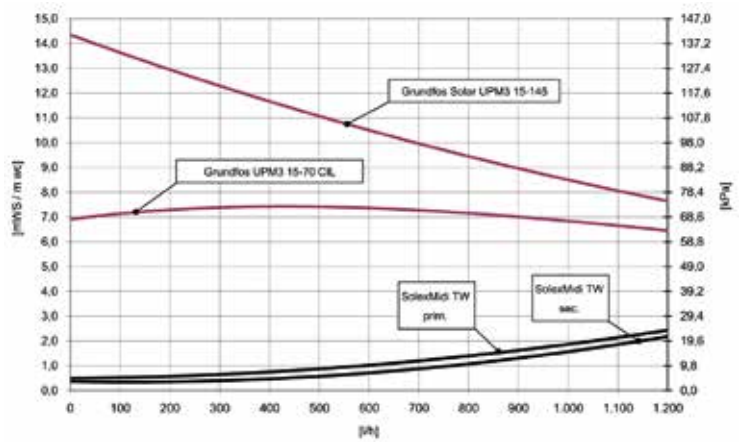
SolexMini HZ up to 36 m² of collector surface



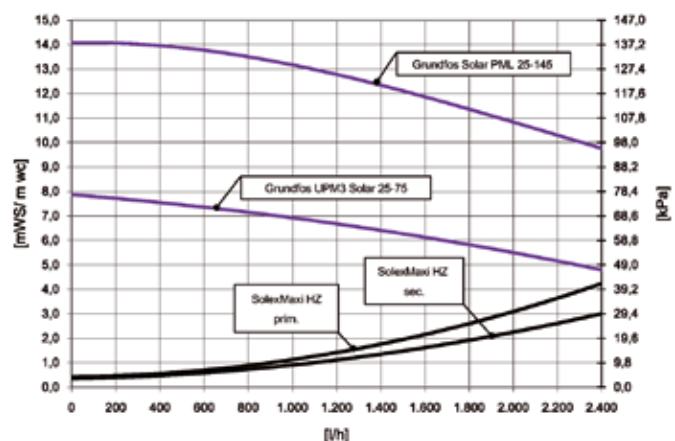
SolexMidi HZ up to 60 m² of collector surface



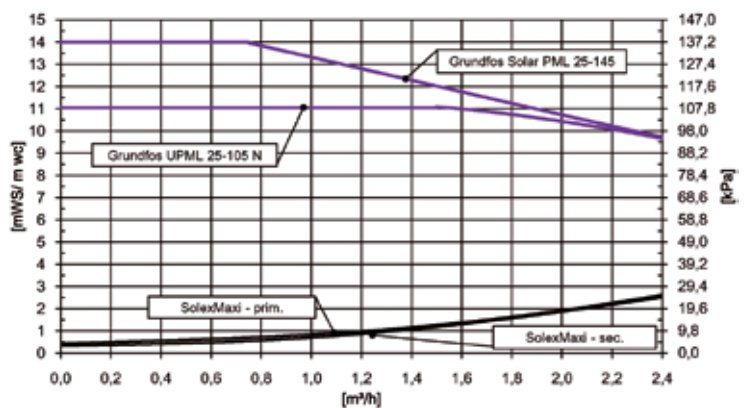
SolexMidi TW up to 60 m² of collector surface



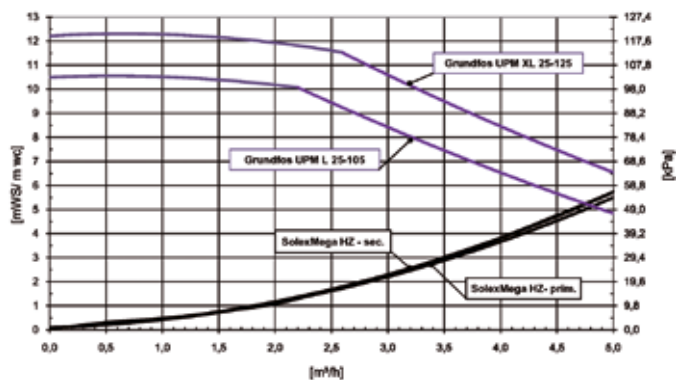
SolexMaxi HZ up to 100 m² of collector surface



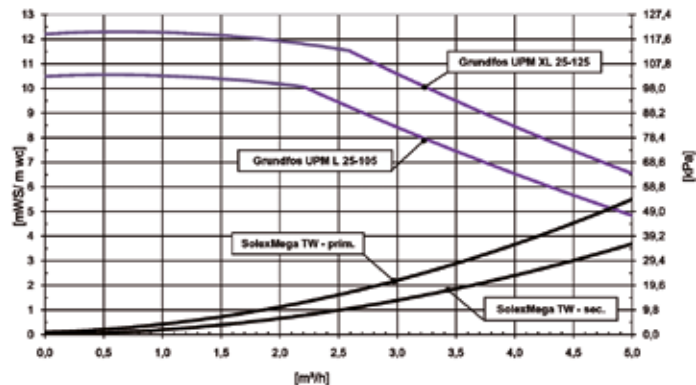
SolexMaxi TW up to 100 m² of collector surface



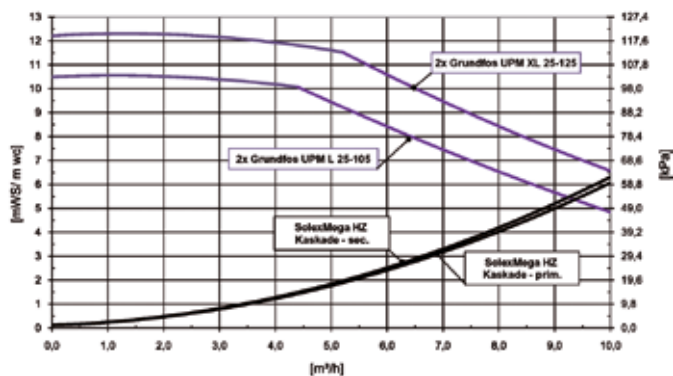
SolexMega HZ
up to 200 m² of collector surface



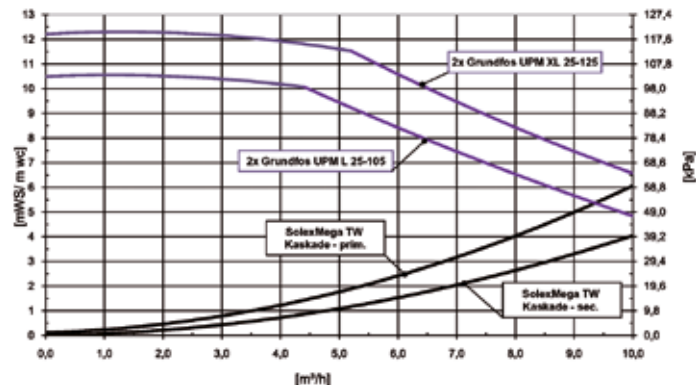
SolexMega TW
up to 200 m² of collector surface



SolexMega-Kaskade HZ
up to 400 m² of collector surface



SolexMega-Kaskade TW
up to 400 m² of collector surface





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