



FlowCon XL Solar station for large systems DN 32



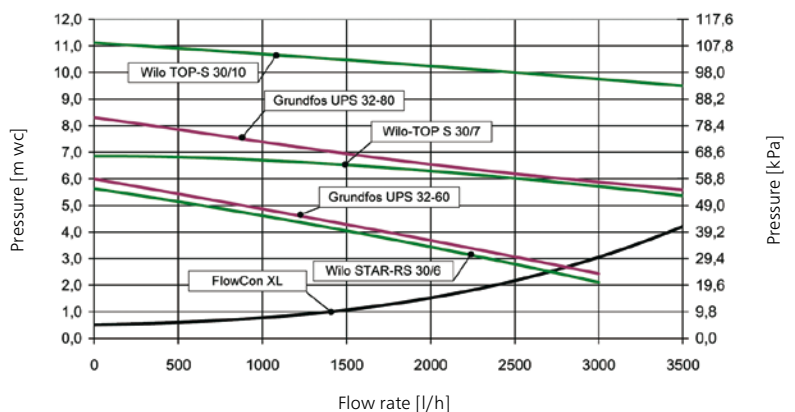
- All connections 1 ¼" internal thread
- All fluid-carrying parts are made of brass
- Large ball valve handles, easy handling, visible closing position
- Pumps can be isolated, so that it can be replaced without draining
- Fully assembled with flat gaskets
- Check valves in the flow and return line, mounted in the cases of the mounting plate, can be opened, 2 x 200 mm wc, especially for solar systems, prevents any gravity circulation
- Premounted on steel wall bracket
- Design insulation with optimized function made of durable elastic EPP; 100 % insulation of fittings, ventilation opening to cool the pumps
- Safety group, pressure relief valve 6 bars, pressure gauge resistant to high temperatures 0-6 bars with valve, flat sealing connection 1" for an expansion tank
- Full metal solar thermometers, 0-160 °C, can be pulled off, with immersion sleeve integrated in the ball valve
- With solar circulation pump by Grundfos or Wilo - preassembled - without cable
- Fill and drain unit integrated, two fill and drain valves (at the flow ball valve and at the safety group) permit to fill and flush the entire installation.

TECHNICAL DATA

FlowCon XL - DN 32

Materials	Fittings	Brass
	Gaskets	EPDM / NBR
	Insulation	EPP
Technical data	Check valves	Brass
	Max. pressure	6 bars
	Max. temperature	130 °C, short-term 160 °C
Equipment	Check valves	2 x 200 mm wc
	Pressure relief valve	6 bars, for solar thermal systems
	Pressure gauge	0-6 bars, temperature-resistant
Dimensions	Thermometer	0-160 °C, full metal
	Connections	1 ¼" int. thread
	Centre distance	125 mm
	Width insulation	250 mm
	Height insulation	440 mm

Pressure drop FlowCon XL / pump characteristics



Application range/Collector surface depending on the operation mode (for explanations see page 125)

Flow types in the collector field:

Low-Flow = 0.2 litre/minute per m² collector surface

High-Flow = 0.5 litre/minute per m² collector surface

Type FlowCon XL

up to **250 m²** collector surface

up to **100 m²** collector surface

Please note: In order to guarantee a trouble-free function it is essential to carry out a hydraulic dimensioning/check of the solar system.

Item	FlowCon XL, DN 32	SI	Item no.	€/ piece
	Wilo Star-RS 30/6 , 3-speed		60791.WI6	
	Wilo-TOP-S 30/7-1 , 3-speed		60791.WI7	
	Wilo-TOP-S 30/10-1 , 3-speed		60791.WI10	
	Grundfos UPS 32-60 , 3-speed		60791.GR6	
	Grundfos UPS 32-80 , 3-speed		60791.GR8	