

FlowSol® B – Twin-line pump station

The FlowSol® B is a pre-assembled twin-line pump station and contains all the vital hydraulic components for operating a solar thermal system and is particularly easy to install.

The pump station is available in many combinations with three different controller families and four different pumps.



- ✓ Pre-assembled twin-line pump station
- ✓ Integrated controller of choice from the DeltaSol® BX, DeltaSol® BS or DeltaSol® C series
- ✓ Design insulation casing
- ✓ Innovative hinged controller panel for quick and easy access to the hydraulic components
- ✓ Safety assembly with connection for the diaphragm-type expansion vessel, safety valve and pressure gauge
- ✓ Fill and drain valves
- ✓ Wall mounting bracket with mounting material
- ✓ Standard or high-efficiency pump

Technical data

Circulating pump: Wilo ST 15/6 ECO, 15/7 ECO or Wilo Stratos TEC ST 15/1-6, 15/1-7 (HE pumps)

Safety valve: 6 bar

Pressure gauge: 0 ... 10 bar

Flowmeter: 1 ... 13 l/min

Non-return valves: Opening pressure 20 mbar, openable

Connection to diaphragm-type expansion vessel: ¾" ET, flat sealing

Outlet safety valve: ¾" IT

Connections to the solar pipes: ¾" IT

Maximum temperature flow/return: 120 °C/95 °C

Maximum pressure: 6 bar

Medium: Water with max. 50 % glycol

Dimensions:

approx. 481 × 320 × 190 mm (with insulation)

Distance centres: 100 mm

Distance centre/wall: 67 mm

Material:

Fittings: brass

Seals: AFM 34

Insulation: EPP foam

Accessories



SBS 2000 filling and flushing station

The SBS 2000 has been especially designed for professionally filling and flushing solar thermal and heating systems. Its many thought-out details facilitate transport, operation and cleaning, the attractive design makes it the ideal companion for a professional performance.

Heat transfer fluids

In our product portfolio, you will find a range of heat transfer fluids for different applications, available as readymix or concentrate.

Wall mounting for expansion vessel

Wall mounting for expansion vessel with screws and wall plugs, high grade steel corrugated tube and connection thread ¾". Including quick release valve coupling enabling removal of expansion without draining down of the system.

ALS15 discharge hose

1.5 m hose for connection to the safety valve of the FlowSol® B pump station.

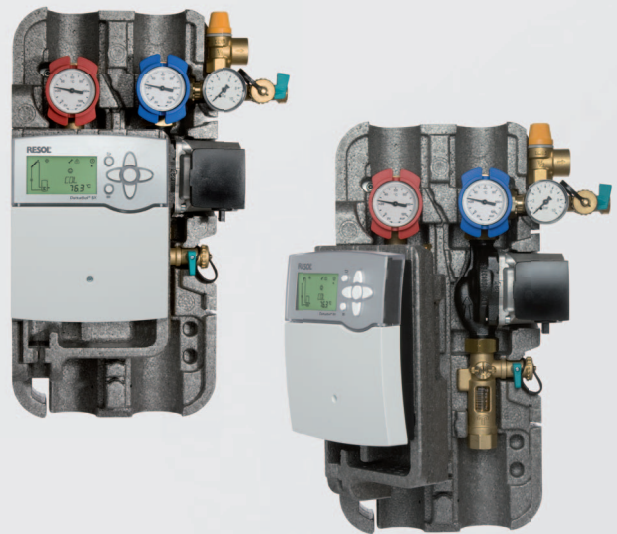
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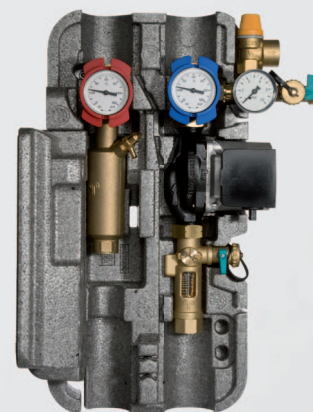
Select from the following controllers:

Solar controller	Circulating pump
DeltaSol® BS2/4/Plus	Wilo ST 15/6 ECO or 7 ECO
DeltaSol® C2/4/Plus	Wilo ST 15/6 ECO or 7 ECO
DeltaSol® CHE	Wilo Stratos TEC ST 15/1-6 or 15/1-7 (HE pumps)
DeltaSol® BX L	Wilo ST 15/6 ECO or 7 ECO
DeltaSol® BX/BX Plus	Wilo ST 15/6 ECO or 7 ECO Wilo Stratos TEC ST 15/1-6 or 15/1-7

All controllers mentioned above are equipped with a VBus®



The FlowSol® B is equipped with an insulation casing featuring an innovative hinged controller panel, allowing for quick and easy access to the hydraulic components without dismantling the controller.



- ✓ Dial thermometer in flow and return
- ✓ Safety assembly
- ✓ Pressure gauge
- ✓ Speed-controlled solar pump/high-efficiency pump
- ✓ Flowmeter
- ✓ Air separator

Do you have any further questions? We have the answers:

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