

FlowSol® B/B HE

– Twin-line pump station



- ✓ Integrated controller of choice from the DeltaSol® BX, DeltaSol® BS, DeltaSol® CS or DeltaSol® SL series
- ✓ Design insulation casing
- ✓ Integrated standard or high-efficiency pump (FlowSol® B HE only)
- ✓ Fill and drain valves
- ✓ Safety assembly with connection for the diaphragm-type expansion vessel, safety valve and pressure gauge
- ✓ Wall mounting bracket with mounting material
- ✓ Air separator with manual air vent for the solar thermal system

The FlowSol® B/B HE 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 four different controller families and four different pumps.



Technical data

Circulating pump:

FlowSol® B: Wilo ST 15/6 ECO o ST 15/7 ECO (surcharge)

FlowSol® B HE: Wilo Yonos PARA ST 15/7.0-PWM2

(Maximum power consumption: 45 W)

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

Optionally available with a Grundfos pump!

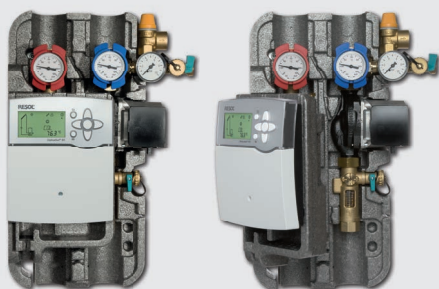
ErP data overview

Solar controller: CS/2 CS/4 CS Plus BX BX Plus SL SLL SLT (LAN)

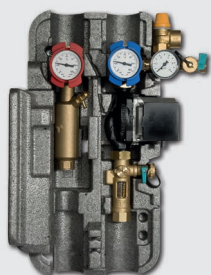
Standby [W] 0.57 0.59 0.59 0.58 0.76 0.69 0.66 0.71 (1.43)

Auxiliary electricity consumption [kWh/a]

Wilo Yonos PARA 50.0 50.2 50.2 50.1 52.6 51.0 50.8 51.2 (57.5)
ST 15/7.0-PWM2



The FlowSol® B/B HE 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
- ✓ High-efficiency pump
- ✓ Flowmeter
- ✓ Air separator

Station	Controller	Pt1000 sensors	Article no.
FlowSol® B	DeltaSol® BS series	(1 × FKP6, 2 × FRP6)	290 019 43 (BS/2) 290 019 53 (BS/4)
FlowSol® B	DeltaSol® BS Plus	(2 × FKP6, 2 × FRP6)	290 019 63
FlowSol® B	DeltaSol® BX	(2 × FKP6, 3 × FRP6)	290 020 33
FlowSol® B	DeltaSol® BX L	(2 × FKP6, 3 × FRP6)	290 020 43
FlowSol® B	DeltaSol® BX Plus	(2 × FKP6, 3 × FRP6)	290 020 53
FlowSol® B	DeltaSol® SL	(2 × FKP6, 2 × FRP6)	290 028 03
FlowSol® B	DeltaSol® SLL	(1 × FKP6, 2 × FRP6)	290 029 13
FlowSol® B	DeltaSol® SLT	(2 × FKP6, 2 × FRP6)	290 029 53 290 029 33 (LAN)

Variants with high-efficiency pump

FlowSol® B HE	DeltaSol® CS series	(1 × FKP6, 2 × FRP6)	290 028 13 (CS/2) 290 028 23 (CS/4)
FlowSol® B HE	DeltaSol® CS Plus	(2 × FKP6, 2 × FRP6)	290 028 33
FlowSol® B HE	DeltaSol® BX	(2 × FKP6, 3 × FRP6)	290 022 63
FlowSol® B HE	DeltaSol® BX Plus	(2 × FKP6, 3 × FRP6)	290 022 83
FlowSol® B HE	DeltaSol® SL	(2 × FKP6, 2 × FRP6)	290 029 03
FlowSol® B HE	DeltaSol® SLL	(1 × FKP6, 2 × FRP6)	290 029 23
FlowSol® B HE	DeltaSol® SLT	(2 × FKP6, 2 × FRP6)	290 029 63 290 029 43 (LAN)

On request, all stations are available without controller!

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.

Article no.: **280 004 60**

ALS15 discharge hose

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

Article no.: **280 004 92**