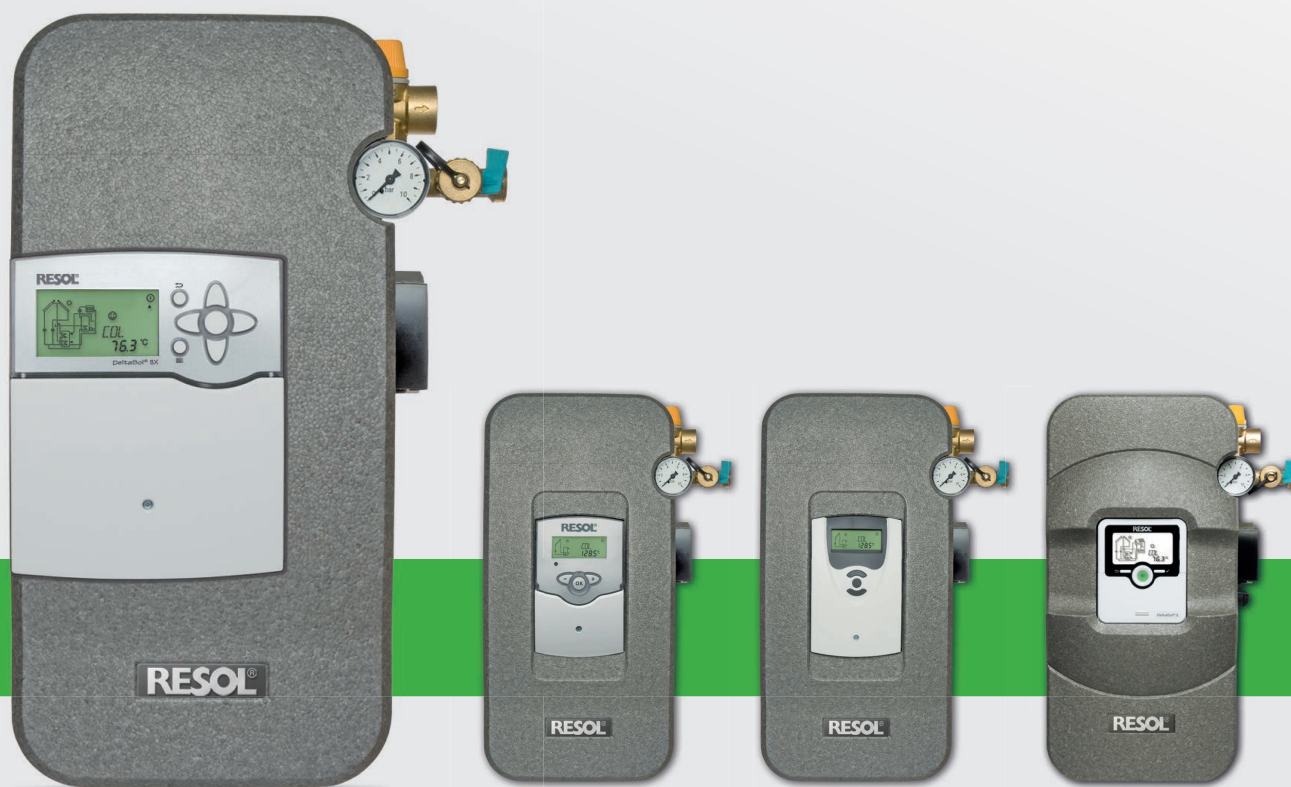


# FlowSol® B/B HE

– 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  
(power consumption of the pump: 23 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

### Controller ErP data (standby):

DeltaSol® BS/2: 0.45 W

DeltaSol® BS/4: 0.74 W; temperature controls class: I;  
energy efficiency contribution: 1 %

DeltaSol® BS Plus: 0.38 W temperature controls class: I;  
energy efficiency contribution: 1 %

DeltaSol® CS/2: 0.58 W

DeltaSol® CS/4: 0.60 W; temperature controls class: I;  
energy efficiency contribution: 1 %

DeltaSol® CS Plus: 0.59 W; temperature controls class: I;  
energy efficiency contribution: 1 %

DeltaSol® BX: 0.50 W; temperature controls class: I;  
energy efficiency contribution: 1 %

DeltaSol® BX L: 0.58 W; temperature controls class: I;  
energy efficiency contribution: 1 %

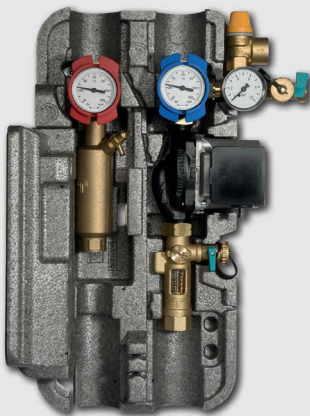
DeltaSol® BX Plus: 0.76 W; temperature controls class: I;  
energy efficiency contribution: 1 %

DeltaSol® SL: 0.72 W; temperature controls class: I;  
energy efficiency contribution: 1 %

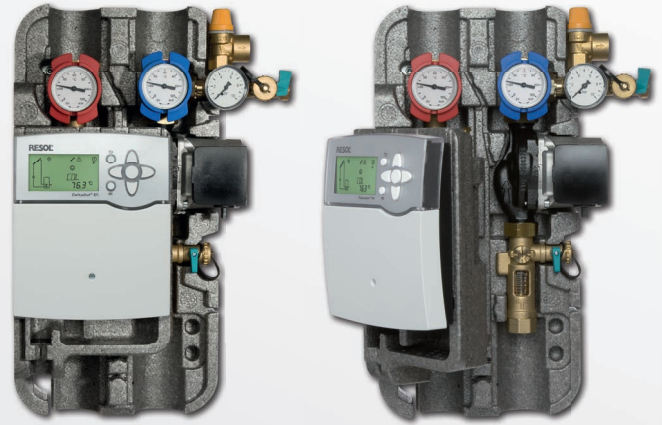
DeltaSol® SLL: 0.67 W; temperature controls class: I;  
energy efficiency contribution: 1 %

DeltaSol® SLT: 0.68 W/1.32 W (LAN); temperature controls class: I;  
energy efficiency contribution: 1 %

Optionally available with a Grundfos pump!



- ✓ Dial thermometer in flow and return
- ✓ Safety assembly
- ✓ Pressure gauge
- ✓ High-efficiency pump
- ✓ Flowmeter
- ✓ Air separator



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.

## 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**

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

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