



FlowSol® XL

The FlowSol® XL is a pre-assembled twin-line pump station especially developed for systems with high flow rates. Equipment and nominal width are designed to meet the demands of large collector fields.

For collector fields of up to 100 m²

- Integrated DeltaSol® BX Plus controller
- Integrated energy-saving high-efficiency pump
- Safety assembly with connection for the diaphragm-type expansion vessel, safety valve and pressure gauge
- Ball valves in flow and return with non-return valves and thermometer handles
- Flowmeter
- Air separator with manual air vent for the solar thermal system
- Fill and drain valves

TECHNICAL DATA

Circulating pump: Wilo Stratos PARA 15/1-9
(maximum power consumption: 88 W)

Safety valve: 6 bar

Pressure gauge: 0 ... 10 bar

Flowmeter: 5 ... 35 l/min
for low-flow systems (0.2 l/min/m²) with collector fields of up to 100 m²
for high-flow systems (0.5 l/min/m²) with collector fields of up to 50 m²

Ball valves in flow and return with non-return valves and thermometer handles:

non-return valves: opening pressure 20 mbar, openable thermometer: 0 ... 160 °C

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

Outlet safety valve: 1" IT

Connections to the solar pipes: 1" IT

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

Maximum pressure: 6 bar

Medium: water with max. 50% glycol

Dimensions:

approx. 470 x 380 x 220 mm (with insulation)

distance centres: 125 mm

distance centre/wall: 73 mm

Material:

fittings: brass

seals: AFM 34

o-ring: FKM

insulation: EPP foam

ErP data overview

Solar controller	BX Plus
Standby [W]	0.73
Auxiliary electricity consumption [kWh/a]	
Wilo PARA ST 15/1-p-RKA-130-6H	94.4

Article no.	Article	Price bracket
290 023 93	FlowSol® XL – DeltaSol® BX Plus – Twin-line pump station » incl. 5 sensors (2 x FKP6, 3 x FRP6)	A
290 026 83	FlowSol® XL – without controller – Wilo Stratos PARA 15/1-9	A