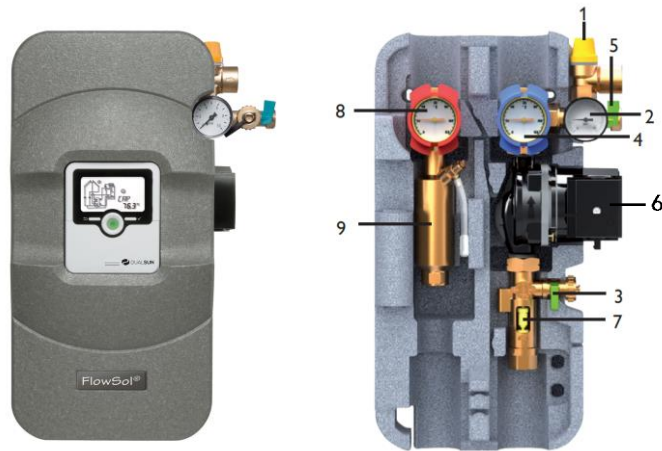
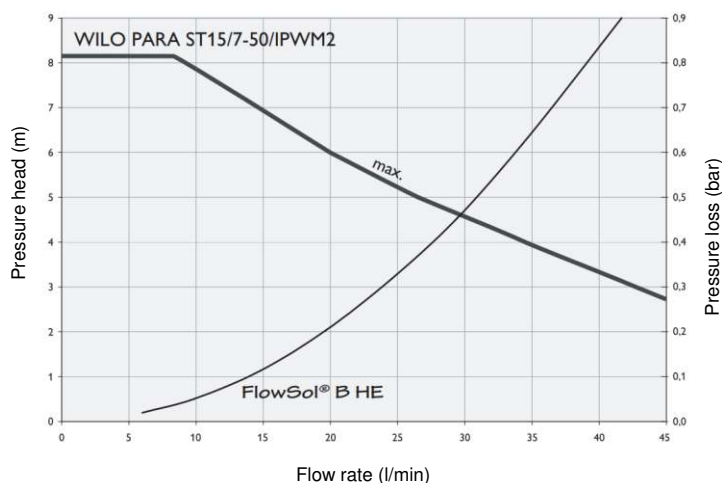


This kit includes: a Wilo Para ST 15/7-50/IPWM2 circulation pump, a 6 bar solar safety valve, and a DualSun SLL solar controller

HYDRAULIC HEAD LOSS DIAGRAM



1. Safety valve
2. Manometer
3. Drain valve
4. Ball valve (return) with thermometer and integrated anti-thermosiphon check valve
5. Filling valve
6. Pump
7. Flowmeter
8. Ball valve (supply) with thermometer and integrated anti-thermosiphon check valve
9. Air trap

TECHNICAL DATA

- Circulation pump: Wilo Yonos PARA ST 15/7-50/IPWM2
Pump power consumption: Nominal = 23 W / Standby = 0,66 W
- Safety valve: 6 bar
- Manometer: 0 ... 10 bar
- Flowmeter: 1 ... 13 l/min
- Anti-thermosiphon check valves: Opening pressure 20 mbar, can be opened manually
- Fitting for expansion vessel: 3/4" M, flat seal
- Safety valve outlet: 3/4" F
- Solar pipe fittings: 3/4" F
- Maximum allowable temperature SUPPLY/RETURN : 120 °C / 95 °C
- Maximum allowable pressure: 6 bar
- Fluid: Water with maximum 50 % glycol solution
- Dimensions (including insulation): Approx 481 x 320 x 190 mm
Center distance : 100 mm
Distance axe / wall : 67 mm
- Materials:
 - Valves: brass
 - Gaskets: AFM 34
 - Insulation: EPP foam

DUALSUN SLL CONTROLLER

- 10 preconfigured systems
- Low voltage floating relay to control supplementary heater
- Calorimetric measurements with V40 flowmeter
- Inputs provided for:
 - 4 temperature probes
 - 2 PWM modulation relays for circulation pumps
 - 1 low voltage floating relay
 - V40 flowmeter (optional).



For SLL controller wiring diagrams see [Spring Pressurized Systems Installation Memo](#)