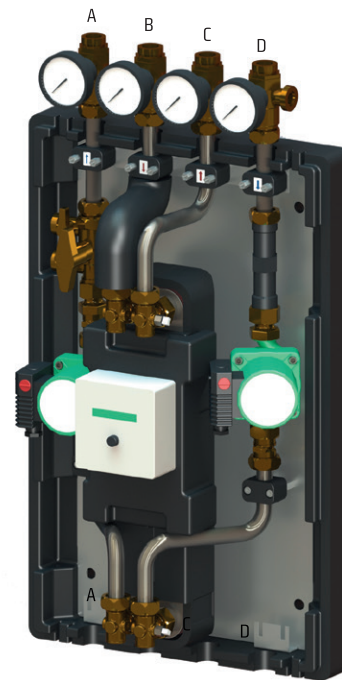


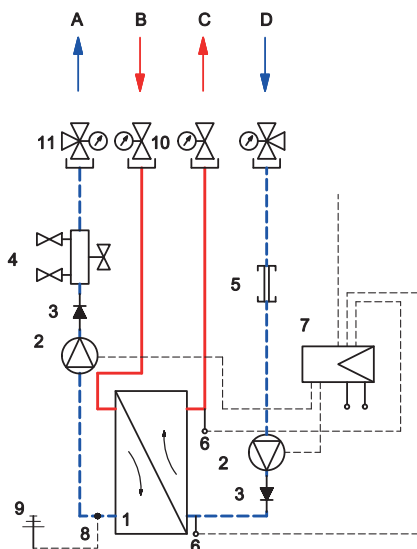
Solar separation station STS-S100

STS-S100-14 ↗ STS-S100-20

➤ Basic unit



➤ Hydraulic diagram



- A Return solar
- B Flow solar
- C Flow to buffer storage
- D Return to buffer storage

- 1 Plate heat exchanger GBS 240H-14, GBS 240H-20
- 2 Pump
- 3 Backflow preventer
- 4 Filling and rinsing device
- 5 Adapter for solar yield measuring set
- 6 Screw-in sensor
- 7 Solar controller
- 8 Connection for potential equalisation
- 9 Earthing provided on site
- 10 2-way ball valve with thermometer
- 11 3-way ball valve with thermometer

↗ Technical data

Materials

Fittings	Sanitary: CW617N Heating: CW617N, partially W614N
Seal	OHA-Press
Thermal insulation	EPP
Heat exchanger	Plates: 1.4404 Solder: copper Pipeline: 1.4401

Solar/heating

Max. operating pressure	PN 6
Max. temperature	120 °C, short time up until 130 °C

Sanitary

If a bronze pump is installed, it is possible also to fill the drinking water storage

Controller

- › Microprocess-controlled controller with LCD display
- › Temperature sensor
- › Recirculating pump, secondary
- › Recirculating pump, primary

Electrical

Power connection	230 V / 50 Hz
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Dimensions

Width x height x depth	450 x 700 x 282,7 mm
Weight	approx. 24.5 kg (incl. insulation dish, ball valves, optional safety connection assembly on the solar side)

Article no.

102 059 7	STS-S100-14 with LE controller for small solar power systems
102 041 8	STS-S100-20 with LE controller for small solar power systems