

Accessories & Fittings

For hot water systems with PS solar collectors

Hydraulic kits KHS10 and KHS20

The hydraulic kit makes installation of solar panels easier, includes all the necessary elements (except the expansion vessel which is screwed to an existing connection). You only have to connect flow and return to the solar collectors. Applicable to installations ranging from 1 to 10 PS2 solar collectors or from 1 to 15 AR16 solar collectors for the KHS10, and from 1 to 20 PS2 solar collectors or from 15 to 30 AR16 solar collectors for the KHS20 model. It makes up a compact group, thermally insulated and ready for wall mounting (it includes brackets, Rawlplugs and wood screws).

Composition:

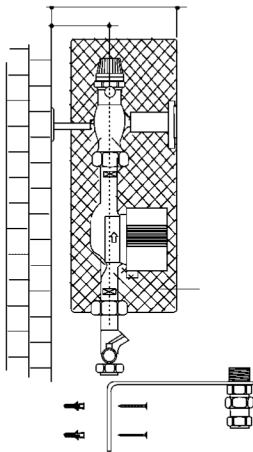
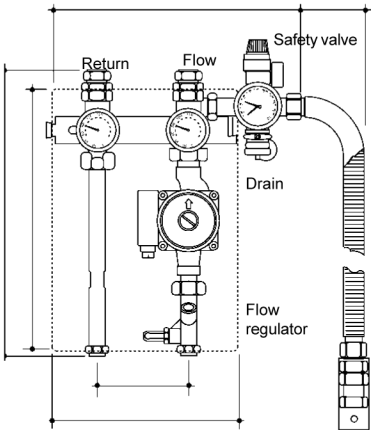
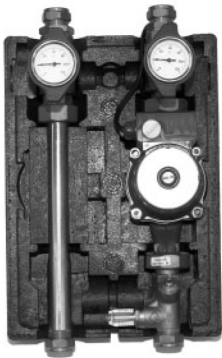
In the FLOW line

- Steel tubular line Ø 28 x 3, fitted with Ø 22 mm compression union.
- 1/4 turn ball valve
- Thermometer 0° to 120 °C, red stand
- Check valve

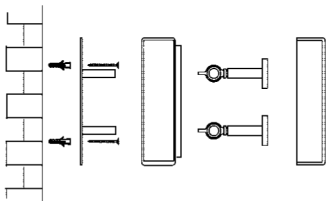
In the RETURN line

- Check valve
- 1/4 turn ball valve
- Thermometer 0° to 120 °C, blue stand

- Pump
- Flow regulator from 2 to 16 litres/min. for the KHS10, and from 4 to 36 litres/min. for the KHS20 model.
- 1/2" Pressure relief valve, set at 6 bar
- Pressure gauge (with check valve) 0-10 bar
- 1/4-turn ball valve with waste plug & chain
- Corrugated stainless steel tube 450mm, 1/2" unions for connection to the expansion vessel.
- Expansion vessel bracket for wall mounting.

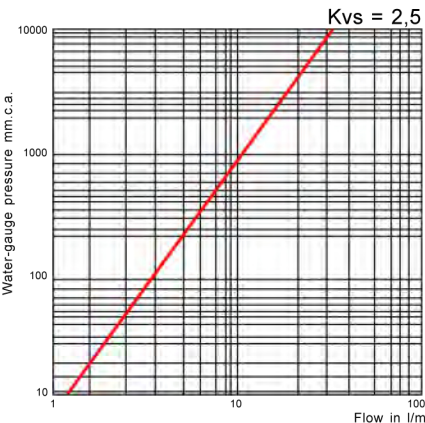


Regulation No.	Flow rate l/min
2	3
3	4,5
4	6
N	N x 1,5



- 1 Hydraulic kit bracket
- 2 Expansion vessel bracket
- 3 Rear insulating cladding
- 4 Hydraulic kit bracket set-pin
- 5 Expansion vessel connecting pipe
- 6 Insulating cladding
- 7 Front insulating cladding

Pressure Drop of KHS10 and KHS20 Hydraulic Kits



Solar pump

AC motor 1-230V, 50Hz, with 2.4F capacitor fitted for the KHS10, and 3.5F capacitor for the KHS20 model.

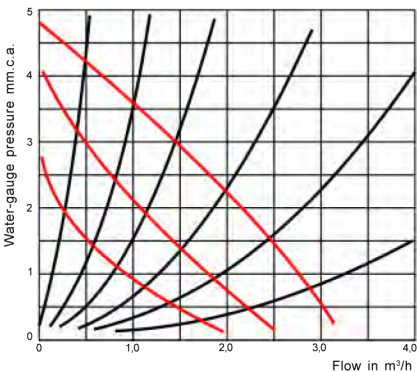
Speed	Power KHS10 (W)	Current KHS10 (A)	Power KHS20 (W)	Current KHS20 (A)
Maximum	65	0,28	132	0,58
Medium	46	0,20	92	0,42
Economy	30	0,13	62	0,30

Maximum temperature 100 °C

Delivery

In a single box, including assembly instructions

KHS10



KHS20

