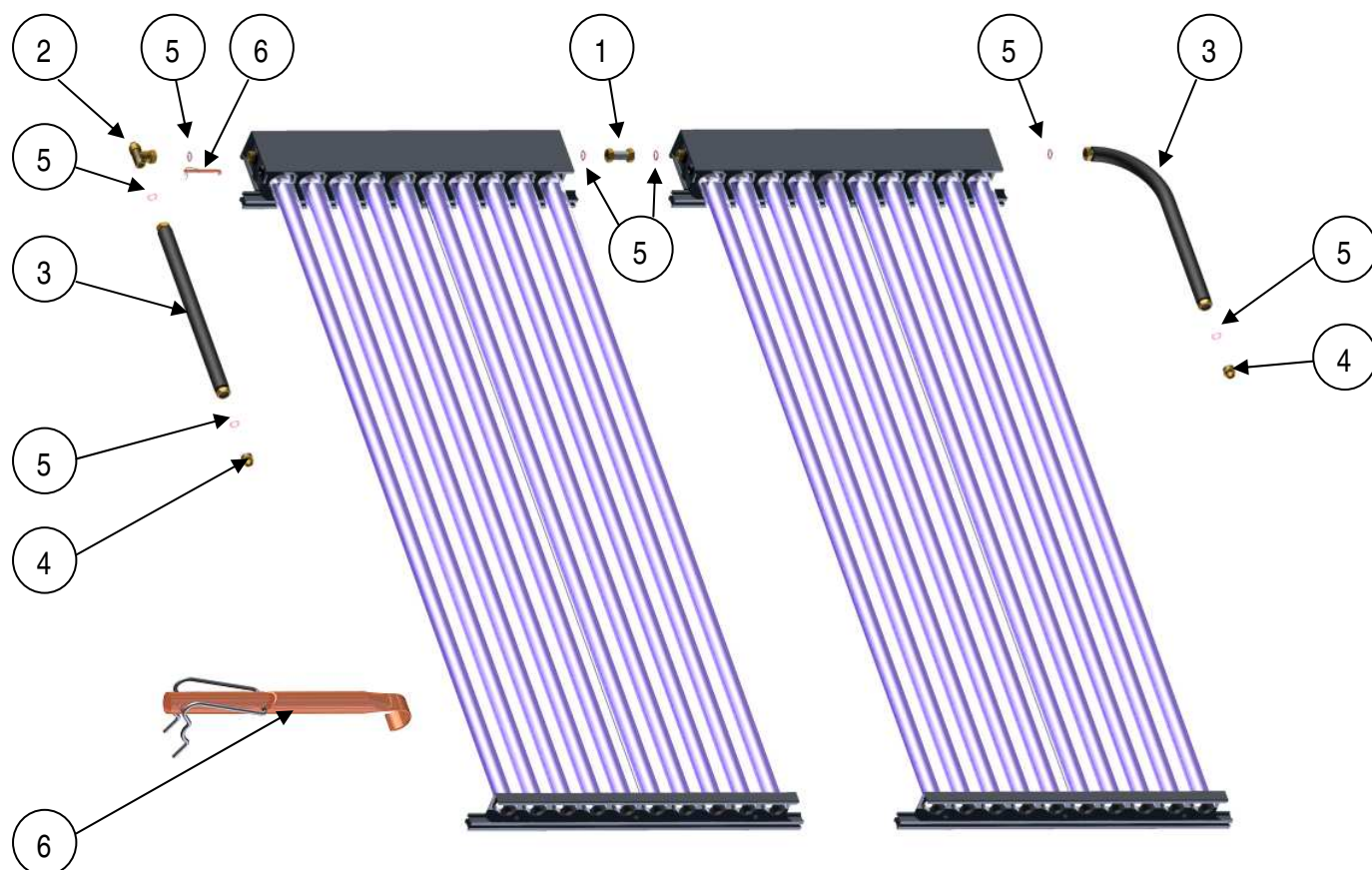


CONNECTION SET ZPKR MANUAL



1. Set of elements :

No	Description of elements	Quantity of elements in ZPKR Set				
		1/18	2/18	3/18(22)	4/22	5/22
		46.02.11	46.02.12	46.02.13(23)	46.02.24	46.02.25
1	Pipe Union KS 3/4"	-	1 pcs	2 pcs	3 pcs	4 pcs
2	Three-way adapter with vent	1 pcs	1 pcs	1 pcs	1 pcs	1 pcs
3	Elastic Connection KS 3/4"	2 pcs	2 pcs	2 pcs	2 pcs	2 pcs
4	Connection GZ 3/4" – 18 (22)	2 pcs	2 pcs	2 pcs	2 pcs	2 pcs
5	Gasket S 24/18	5 pcs	7 pcs	9 pcs	11 pcs	13 pcs
6	Sensor's housing	1 pcs	1 pcs	1 pcs	1 pcs	1 pcs

2. Destination

The set enables complete assembly and connection of vacuum tube solar collector's batteries to installation pipes. The set's equipment depends on the number of vacuum tube collector batteries and the diameter of the installation pipe, which connects the vacuum tube collectors KSR10 to the pumping and control unit.

3. Installation

Elements of the kit should be connected to collector batteries in accordance with the presented figure saving the direction of the liquid flow according to marking on collectors.

Screwing nuts are to be screwed by using a flat wrench S30, until resistance can be felt. You can also screw by using two flat wrenches S30 at the same time.

To put the sensor's housing, you need to take off the upper casing of the vacuum tube collector. Curvred end of sensor's housing attach on second pipe (counting from liquid outflow), then put the controller's temperature sensor and mount it with a fastener.

Pay special attention to prevent the connection joint at the collector casing output from being turned, while tightening. In the event when the joint is turned the collector may be permanently damaged.

Use of ventilation tiles is recommended to enter flexible connectors under the roof slope.