

1 INTENDED USE

The ZPKS connection kit makes it possible to incorporate one or more HEWALEX* flat plate solar collectors into a heating medium circuit. The elements included in the ZPKS kit allow to properly install a temperature sensor, vent the system, and plug the unused stub pipes of the collectors.

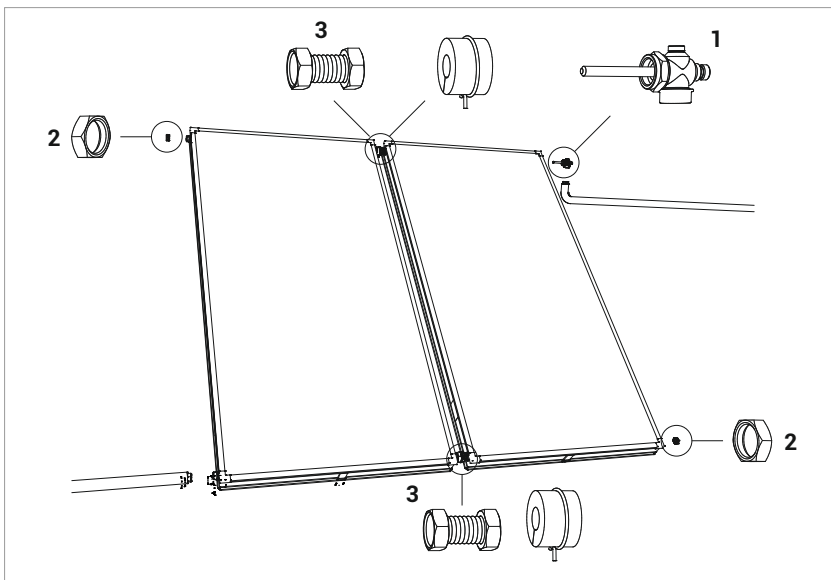
*ZPKS is not intended for the collectors marked as "Am".

2 INSTALLATION

To connect a group of solar collectors into a battery, use one ZPKS kit and the KS 3/4" pipe joints in the quantity of 2 items per each successively connected collector.

Example: for a field comprised of 3 collectors, order 1 complete ZPKS kit and 4 items of the KS 3/4" pipe joints.

Connect the elements included in the kit to a collector battery, according to the diagram below.



THE ITEMS INCLUDED IN THE KIT

1. A sensor housing with an air vent
Cat. No. 44.01.01 (1 item/kit)
2. KS 3/4" plug
Cat. No. 43.01.00 (2 items/kit)

RELATED ITEMS (NOT INCLUDED IN THE KIT)

3. KS 3/4" pipe joint
Cat. No. 43.01.00

Note: There is only 1 x S19x1.8 O-ring included in the kit. Others are added to the solar collectors. The 3x3 O-ring installed in the sensor housing was pre-cut at the factory to facilitate installation.

3 PRECAUTIONS FOR INSTALLATION AND MAINTENANCE

- Follow the general principles of Occupational Health and Safety, when working at heights.
- Tighten the nuts in all connections with a S30 open-ended spanner, until you can feel some resistance. Pay special attention to prevent the coupling connected to the outlet of the collector case from turning, when tightening the joint. If turned, the coupling can permanently damage the collector. The maximum tightening torque for the connecting elements is 5Nm, without holding the collector coupling in place.
- Perform assembly and maintenance work only if there is no direct sunlight or the solar collectors have been covered. Burn hazard!