

How to choose a hot water storage tank for a solar circuit?

Suitable materials for the pipes of the solar circuit offer: the necessary weathering and corrosion resistance for outdoor use (no galvanised pipes). The hot water storage tank should have a volume of 1.5 to 2 times the daily consumption of hot water per person, i.e. about 100 litres per person, to store hot water for days with less radiation.

How are solar pipes dimensioned?

This expansion in length must be taken into account through appropriate fastening (compensators) and the installation of expansion bends or bendable joints in the pipe. Solar pipes are dimensioned in the same way as heating pipes.

What is a solar water heating system?

Solar pipes are dimensioned in the same way as heating pipes. Solar water heating systems are typically used for domestic hot water, swimming pool heating, backup heating and process heat generation. They thus offer a useful alternative

Can EPDM seal rings be used for copper pipes?

EPDM sealing rings would already experience preliminary damage here - without the system even having gone into operation. The use of SANHA®; copper press fittings (series 12000/13000) is therefore recommended as fittings for copper pipes.

Solar power plants, inverters, batteries and solar panels require quality accessories and support equipment to ensure maximum efficiency and longevity. These components help to properly ...

Special foamed materials are available on the market for the requirements of the collector circuit. In addition, there is the possibility of thermal insulation using rock or glass wool as well as melamine resin. The pipes must be insulated against heat loss in accordance with the insulation thicknesses of the heating system ordinance.

Photovoltaic components play a crucial role in harnessing solar energy to generate electricity. However, the performance and durability of these components depend not ...

In this blog, we'll explore six essential solar accessories you should consider when setting up your solar power system. 1. Solar Charge Controllers: A solar charge ...

Vallourec delivers a wide range of accessories for line pipe projects suitable for the toughest and most demanding environments and applications: Induction Bends; J-Lay collars (as per ...

Stainless steel and copper piping system with EPDM insulation, probe cable, and unique fittings for completing the solar circuit.

Discover a range of essential solar battery accessories to optimize your solar installations. From connectors to mounts, find everything you need for peak performance.

Transporting heated water to where it's needed without wasting any energy - that's what the LOGSTOR SolarPipe pre-insulated pipe system is all about. Installation is quick and easy, and ...

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