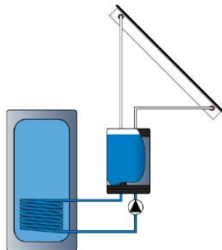


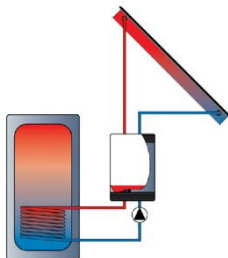
Working Principle

Non- operating state of the system:

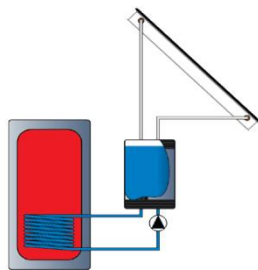


The entire heat transfer medium is in the Drainback tank during the state of rest. The collectors are empty.

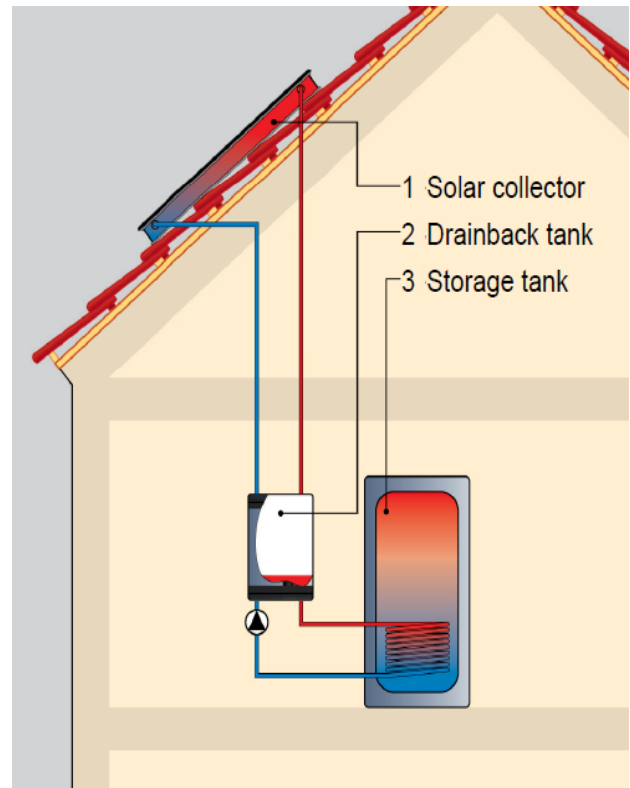
Solar System in operation:



The system will start up automatically in sunlight and the entire cycle will be filled.



The pump will be turned off automatically when the final temperature is reached and the temperature is reached and the tank is completely heated. The heat transfer medium flows back from the collectors into the Drainback tank without evaporation. Overheating of the storage tank and the solar thermal system will thus be excluded.



Item	Specification
Collector field size	Up to 30 m ²
Overall height	950 mm
Diameter	400 mm
Solar controller	Integrated solar controller with data logger
High-Efficiency Pump	HE pumps from Wilo, static head up to 11 m, optionally extendable up to 22 m.
Solar station	Rinsing and filling unit DN 20 and safety valve 6 bar includes manometer.
Maximum operating pressure	6 bar
Weight	40 LT
Insulation	50 mm of insulation in accordance with the least DIN standard EN 13501 – 1
Extension	Possible modularly