

Solar Kit

Junkers' Universally Applicable Solar Kit

Connect Your Customers with the Sun

For the expert



One solution for all devices – the new Solar Kit from Junkers



The new Solar Kit from Junkers lets your customers combine their gas-water heater or gas-combination boiler with every solar-heated storage tank or thermo siphon. They don't have to buy a special solar appliance – the Solar Kit already includes all the necessary components. In the future, your customers will enjoy a doubly good feeling when they shower: they'll have plenty of comfortably warm water, and they'll know that it has been heated by an optimally environmentally friendly system.

Advantages at a glance:

- Best-in-class warm-water comfort for your customers due to universal solution with bypass function
- Usable with all gas water heaters and gas combination boilers
- Immediately operable
- Easy to install thanks to a spacer which permits installation over obstacles
- Easy maintenance thanks to removable front cover and easy access to three-way valves and construction
- Option to use solar energy now or in the future

Warmth for Life

 **JUNKERS**
Bosch Group

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Satisfy your customers and increase their personal comfort

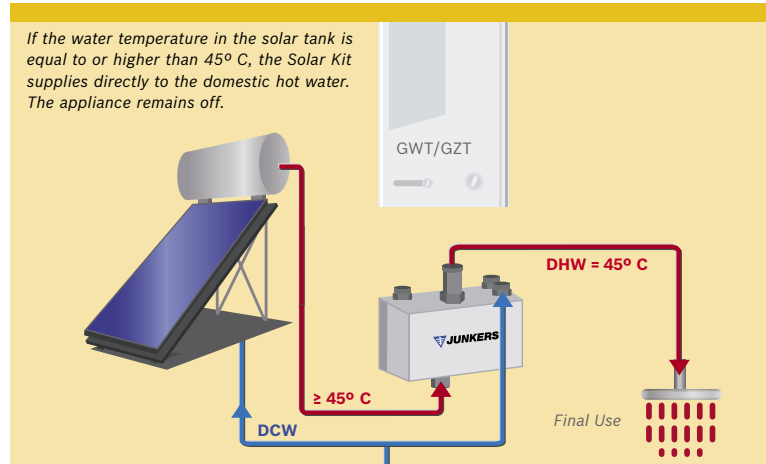
Our new Solar Kit puts all of the persuasive reasons on your side. It lets your customers connect their existing warm-water installation to a solar-powered system without having to buy a special solar appliance. Junkers' Solar Kit avoids peaks caused by on/off cycles and prevents scalding because it mixes the supplied water down to a temperature of 45° C. The new Solar Kit is the key element to optimize your solar system. It provides the highest stability for your customers' warm water comfort and at the same time avoids unnecessary ignition (gas consumption) of your appliance thanks to its innovative bypass solution.

One device for all situations

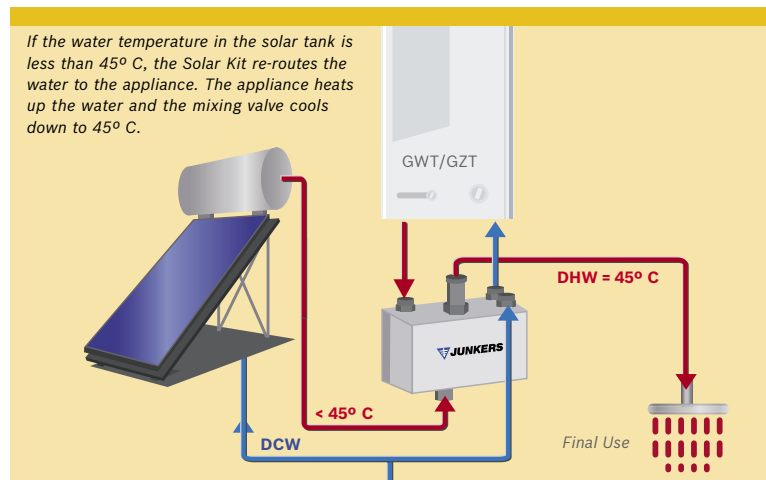
Whether it's connected to a gas water heater or a gas combination boiler, the Solar Kit works well with all devices. There's no need to purchase a specific solar appliance. Simply connect Junkers' new Solar Kit between a thermo siphon and the appliance. No additional valves or other components are needed. All connectors are already built in.

Technical details:

Preset outlet temperature	45° C ± 2° C
Max. water pressure (static)	10.0 bar
Max. water pressure (dynamic)	5.0 bar
Recommended water pressure	2.56 bar
Minimum water pressure	1.4 bar
Permissible pressure drop at water flow of 10 liters/minute	0.8 bar
Min. water flow for stabile temperature	4 L or ≥ than min. flow rate of appliances
Open water flow at 1 bar inlet pressure	> 20.0 L/min
Max. water temperature	100.0° C
Installation	Horizontal
Length	224 mm
Width	127 mm
Depth	111 mm
Weight	2,500 g



Scenario no. 1: temperature is equal to or greater than the preset value



Scenario no. 2: temperature is below preset value

Even if there are obstacles nearby (e.g. a gas pipe) you can readily install the Solar Kit close to the appliance by using a mounting support (spacer). Maintenance tasks are accomplished easily and uncomplicatedly in a few seconds thanks to the easily removable front cover, which offers unobstructed access to the entire interior of the device.

For sun-lovers – and anyone who'd like to become one

In times of rising energy prices, more and more customers are considering solar solutions. For many, deciding to benefit straight away from the sun's free energy is a clear-cut, immediate decision; others may be initially unsure, preferring to wait and see. With the Solar Kit, your customers have complete flexibility at their fingertips. They can decide on the spot to adopt solar energy, or convert their heating and hot-water system later on – in line with their personal taste and needs.



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country