

Troubleshooting IN SOLAR PANELS

PHENOMENON OBSERVED	POSSIBLE CAUSES	SOLUTION
No water runs from the hot water tap	There is no pressure in the pipe of domestic hot water arriving to or coming from the accumulator	Open the relevant stop taps
	Pipe and/or accumulator	Defrost pipes or the accumulator using abundant hot water and make sure water has not caused any damage. In case of frost, drain residual water completely to prevent ice from causing damage.
After putting into service, only cold water runs from the hot water tap.	The hot water accumulator has not heated up yet	Wait
	The primary circuit is not sufficiently filled	Integrate with ALIGEL HEAT CHANGE using SOLARFLUX pump
After long operation and despite the sun being strong only warm water runs from the hot water tap	Presence of limestone deposits inside the accumulator	Clean the accumulator and remove scales using ZINCONEX or ZINCONEX-AI and DISINEX 18 K pump
	The primary circuit is not sufficiently filled	Check tightness of the primary circuit couplings using a UV lamp and if necessary repair them. Check the safety valve, if necessary replace it. Fill the primary circuit in using ALIGEL HEAT CHANGE
	Hot water thermostatic mixer tap is incorrectly regulated	Position the hot water thermostatic mixer tap to 60°C
Very hot water runs from the hot water tap after prolonged absence	Abundant sun exposure and little use of hot water heated water contained in the accumulator up excessively	Add cold water or have a hot water thermostatic mixer tap assembled
The safety valve has opened	Overpressure in the primary circuit due to the prolonged inactivity of the system in high summer	In the future, in case of prolonged absence or if the accumulator has been emptied, cover the collector
	Overpressure in the primary circuit due to abundant sun exposure and accumulator totally empty of water	If necessary fill the primary circuit in with ALIGEL HEAT CHANGE, ALIGEL 1.2 USP
Presence of water or heat-carrying fluid leak in the system	Leak, mechanical breakage or damage due to frost	Put the system out of service. Detect the leak and repair it using FASTOP
One of the hot water collectors or the water boiler is damaged	Mechanical breakage or damage due to frost	Put the system out of service. Replace the damaged element and fill the system in with ALIGEL HEAT CHANGE.