

SOLAR SETS FOR DOMESTIC HOT WATER HEATING



All solar systems from THERMO/SOLAR Ziar comply with requirements for receiving state subsidies in all EU countries

domestic hot water heating with solar collectors

Standard sizing of THERMO/SOLAR sets for hot water heating:

Number of persons in the household	Number of collectors	Absorber area of collectors	Capacity of solar hot water tank
2 or 3	2 collectors	3,56 m ²	200 litres
4 or 5	3 collectors	5,34 m ²	300 litres
6 or 7	4 collectors	7,12 m ²	400 litres

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Description of THERMO/SOLAR sets for hot water heating



They provide hot water heating in the household during 7 – 9 months per year. In the remaining period they pre-heat the cold water. An additional heat source (electric heating element, boiler) subsequently heats the water to required temperature. This way the household can save 60% to 70% of expenses for domestic hot water heating. Installation of such ecological heat source also helps to reduce the fossil fuel consumption and to improve the air quality.

The solar sets contain all components necessary for reliable and safe operation:

High quality solar thermal collectors with long life expectancy, connecting and deaerating parts, aluminium supporting frames for secure fixation of collectors (above sloping roofs, into sloping roofs, on flat roofs or flat surfaces), digital controller, pump unit with flow meter and safety valve, expansion tank, antifreeze heat transfer liquid, corrugated stainless steel pipe with thermal insulation and other components.



Extended warranty period of 12 years for collectors and supporting frames for fixation of collectors is provided for installations performed by THERMO/SOLAR Ziar partner companies.

