



Solar water heaters use the solar energy from the sun to generate heat (not electricity) which can then be used to heat water for showering, space heating, industrial processes or even solar cooling.

Solar energy is the primary energy source for our planet as it is responsible for providing energy for plant growth and providing the warmth that makes our planet habitable.

While solar water heater devices have been around for over 100 years, the last 20 years have seen significant advances in absorber coating technologies, resulting in solar collectors that can reliably convert >50% of available sunlight for domestic hot water supply. A solar water heater is one of the most effective ways of cutting a household's carbon footprint by reducing reliance on dirty fossil fuel usage. By offsetting the use of electricity, gas or heating oil, using solar water heaters can also provide financial savings by reducing energy costs.

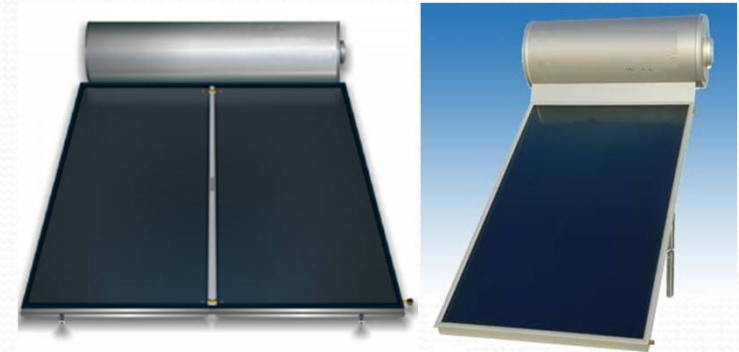
Flat Plate Solar Collectors

The flat plate solar thermal collector is suitable for residential or commercial solar water heating projects.

The amount of solar energy that falls on the Earth in just one hour is enough to power the world for a whole year.

Solar Water Heater

Thermosiphon System



Forced Circulation System

