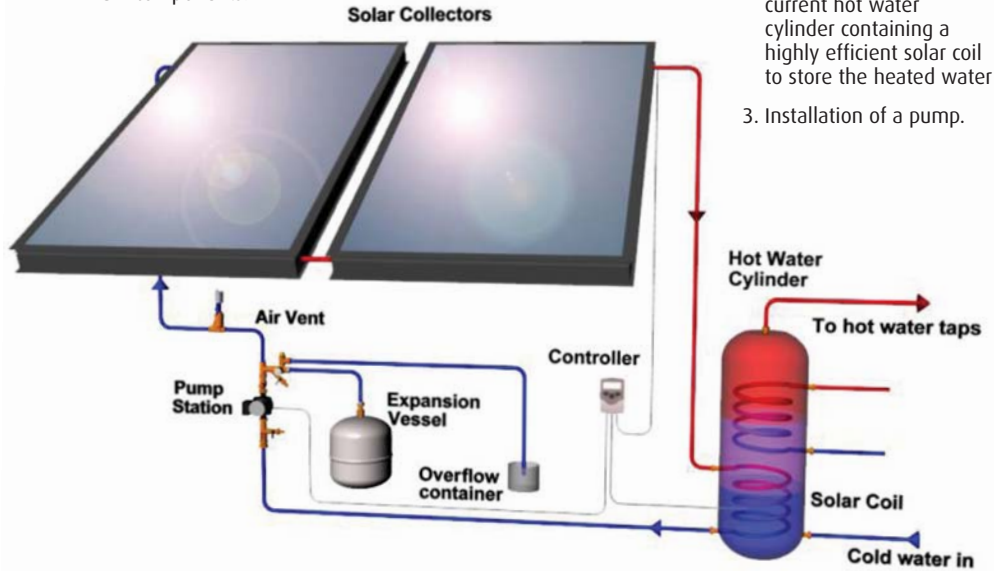


TYPICAL INSTALLATION

A typical solar water system installation comprises THREE main components:



1. Solar panels to capture the rays
2. Replacement of your current hot water cylinder containing a highly efficient solar coil to store the heated water
3. Installation of a pump.



QUICK AND EASY TO INSTALL

Solar hot water systems can be installed to provide piping hot water in nearly any house, extension or heated swimming pool.

The sun's radiation that is used by the solar hot water systems is available even where there is no direct sunlight even on overcast days.

Installation is quick, clean and hassle-free. All of our installers are fully-trained in all aspects of installation which can normally be completed in 48 hours.

Planning laws now look favourably on householders who wish to install solar panels.

Energy for life

An introduction to Solar Hot Water Systems



GET IN TOUCH NOW FOR A FREE QUOTATION 0116 231 7021



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A member of the Absolute Insulation Limited Group



WHAT IS SOLAR ENERGY?

- A solar hot water heating system works alongside your conventional water heater to provide hot water that will save you up to 70% on your water heating
- Effectively reduces your carbon footprint
- A solar hot water system will even work in cloudy and low light conditions
- The UK receives more than enough solar radiation to make a solar hot water system extremely viable. A solar system uses solar collectors (panels or tubes) to collect this energy. This is then used to heat a fluid. A pump then circulates this fluid and transfers the heat into your hot water cylinder.



PROTECTING THE ENVIRONMENT

- Solar power is free, clean and green, harnessing the brilliant power to the sun to replace typical energy sources.
- The Earth's natural resources are rapidly being depleted and the use of non-renewable energy sources is contributing to global warming and destroying the planet for the next generation.
- A solar hot water heating system can immediately help lower your carbon footprint and reduce your impact on the environment.
- All our systems are built with the environment in mind and recyclability of all elements is designed in from the start.

SAVING MONEY ON YOUR ENERGY BILLS

- Reduce your energy bills and protect the environment with solar water heating individually designed to suit your home and lifestyle.
- Even in today's market place the payback period is between 8 and 12 years but with energy prices expected to continue rising this time scale will reduce.
- With energy prices spiralling, the cost of heating your water is becoming more expensive but a solar hot water heating system can provide your hot water free. In addition it provides a guaranteed energy supply when other sources are now at the mercy of other countries.
- Solar heating can provide you with up to 70% of your house's house water requirements and for such applications as swimming pools 100% of the heating requirements can usually be achieved.



GRANTS AVAILABLE

Grants are often available to offset part of the cost of a solar heating system. Our expert installers can advise you on availability. Even without a grant you will benefit from an immediate 10% reduction from VAT savings.

HOW MUCH DOES IT COST?

The price of your installation is affected by factors such as your cylinder size, the number of collectors and your location.

A typical installation will be between £3,500 and £6,000.

Absolute Solar Limited will provide you with a detailed survey and quote.



FUEL SAVINGS

SAVE UP TO 70%
on your hot water bill

SAVE APPROXIMATELY 30%
on your heating bill

SAVE 10%
VAT on installation

ADDS VALUE TO YOUR PROPERTY

- Improvement to the Energy Performance Certificate (EPC as part of the HIP for house sale)
- Houses with solar systems sell for higher than average sale price
- Rented and sold more easily



YOUR QUESTIONS ANSWERED

Can Solar Thermal do your central heating?

At this point in time it is not cost effective to do central heating with solar. However, there is ongoing research in the field. Currently ESE systems will not do central heating

Will it do electric?

Solar Thermal systems use the heat for your hot water. Solar Photovoltaic (PV) systems produce Electricity.

Does it work in the UK climate?

Yes, as the energy comes from radiation rather than light. In Germany, a similar climate, 47% of houses use solar thermal!

A CHOICE OF STYLES

Technical advances in the design and manufacture of solar panels mean that today's systems are more efficient, maximising the use of the sun's rays.

A choice of collectors styles according to your preferences and needs:

FLAT PLATE COLLECTORS



- Robust design
- Long life, 25+ years
- Highly efficient
- Eta-Plus selective coating
- 4mm tempered high transmission glass
- Absorption of direct and diffused solar radiation
- Landscape or portrait configuration

EVACUATED TUBE COLLECTORS



- Different configurations
 - 58mm and 70mm diameter
 - 10, 20, 30 tube variants
 - For different size cylinders
- More efficient than flat plate
- Faster response to intermittent sun light
- More effective in adverse weather conditions

Absolute Solar Limited's accredited surveyors will assess your situation and discuss the configuration best to meet your needs.