

Welcome to Northern Gas Heating Solar Hot Water Solutions...

Founded in 1998, Northern Gas Heating is one of the UK's foremost national hot water specialists. In addition to high quality boilers and central heating systems, we take advantage of the very latest technology to provide proven solar hot water solutions that are tailored to the individual requirements of each home.

The importance of saving energy...

Fuelled by our emissions of CO2 and other greenhouse gases, planet Earth is warming up. In the UK, the average temperature between 1961 and 1990 was 9.47°C. Today, the same figure is well over 1°C higher whilst eight of the nine hottest years **ever** have been recorded since 1989!

The UK's hottest years ever since records began in 1659 (Source: Met Office Hadley Centre)

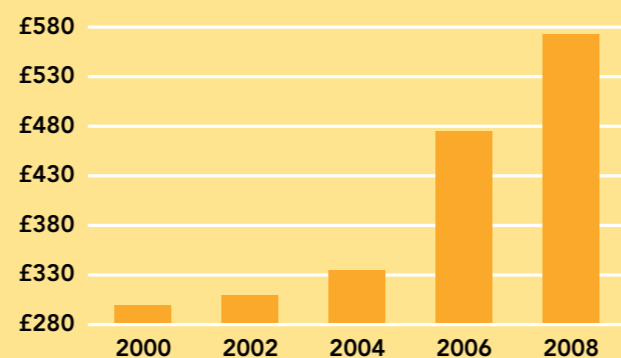
| All time ranking | 1st | 2nd | 2nd | 4th | 5th | 6th | 7th | 8th | 8th |
|------------------|------|------|------|------|------|------|------|------|------|
| Year | 2006 | 1990 | 1999 | 1949 | 2002 | 1997 | 1995 | 1989 | 2003 |

Furthermore, energy prices have risen dramatically. In 2008, the average domestic gas bill was an astonishing 93% higher than in the year 2000.

With our consumption of gas and electricity accelerating, the trend for rising fuel costs looks set to continue.

It is therefore more important than ever to reduce our household carbon footprints and the amount of energy we consume.

Average annual domestic gas bill England & Wales
(Source: Department of Energy & Climatic Change)



How solar hot water systems can help...

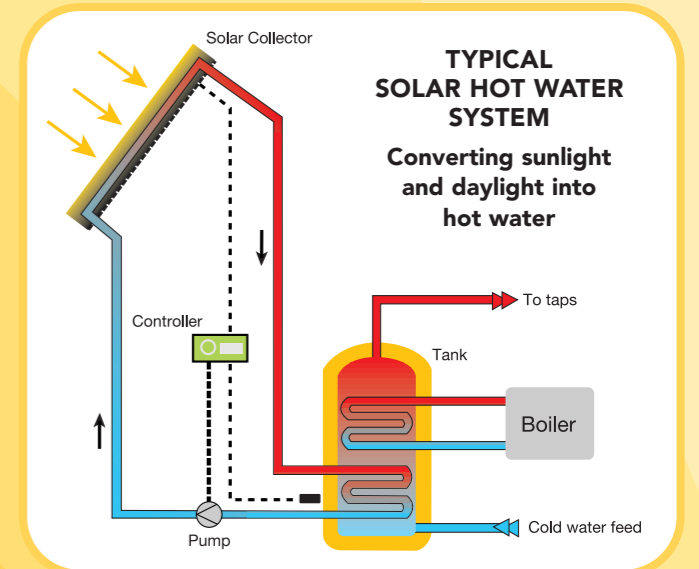
Solar hot water systems provide an effective solution by harnessing the **free** natural energy of light to:

- Produce cost effective, environmentally friendly hot water. You only pay once for your system and not for the energy that it uses.
- Provide between 50% and 70% of the hot water used by a typical household.
- Cut gas bills by reducing the need to use a boiler.
- Prolong the life of a boiler by as much as 20% by reducing the time it is in use.
- Reduce household CO2 emissions by up to 645kg per year.
- Provide an extremely reliable means of heating water that has an exceptionally long working life and requires little or no maintenance.

How solar hot water systems work...

Essentially, solar hot water systems convert both sunlight and daylight into hot water. They are extremely efficient and are able to effectively heat water all year round, even when it is cloudy.

First, solar panels are installed onto the roof to absorb energy. When they are exposed to light, these panels quickly warm up. The resulting heat is then simply and safely transferred to the water held in the storage cylinder. Your existing boiler or immersion heater can be used in conjunction with a solar hot water system to heat water further. The hot water produced can be used in the normal manner as and when it is required.



Our solar hot water solutions...

As you would expect from one of the country's leading hot water specialists, Northern Gas Heating supplies a comprehensive range of solar hot water systems.

As such, we can provide the perfect solution for almost every type of property no matter how heavy the demand for hot water. Our aesthetically pleasing solar panels can be fixed to all types of roof tile and also onto flat roofs.

The complete service...

Our unique customer-driven approach ensures that we are able to provide the complete solar hot water service.

Initially, one of our friendly consultants will visit you to establish whether your home is suitable for solar hot water technology. They'll look at the size of your property, your roof and the direction in which it faces. In addition, they will take time to understand your requirements for hot water. Using this information they will then recommend the ideal system for you and your family.

Should you choose a Northern Gas Heating solar hot water system, we'll complete the installation to the highest possible standards. What's more, our dedicated team of customer service professionals will provide all the support you need to get the most from your investment.

We can also professionally service your existing boiler each year to ensure that it works safely, reliably and smoothly alongside your new solar hot water system.

