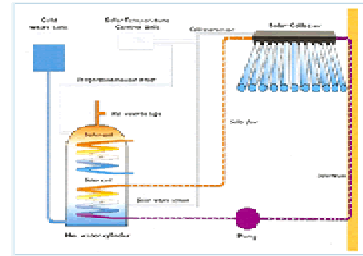




Let the sunshine into your house
The future will be powered by solar energy

SOLAR GENERATED HOT WATER



- Reduce your hot water bills by up to 70%
- Safe, clean and simple
- Raise the value of your home
- Reduce your carbon footprint

The extensive range of solar energy systems, installed by Bensa Ltd. UK, is designed for domestic and commercial use with the latest technology and state-of-the-art manufacturing methods. Each system can be tailored to the specific requirements of its users, ensuring optimum efficiency and reliability.

Our solar hot water systems, with installation, start from only **£2995!**

SPECIAL PRICE OFFER!!

We provide our customers with the lowest price and the highest quality

www.bensaltd.com

To obtain a quotation please contact us on:-

 +44 (0)118 9876 558
+44 (0)753 3080 511

 sales@bensaltd.com

The full range is compliant with British and European Standards and requirements.



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Additional Information

Solar Panels (Thermal)

Over 70% of the average household's energy use goes into space and water heating, so a source of free hot water to use, instead of commercial energy, can make a dramatic financial saving.

How It Works

- Solar Water Heating uses the radiation from the sun to heat water in a panel, often sited on the roof, which in turn can supply that heat as hot tap water or to a central heating system. Unfortunately, the demands on your central heating system are at their highest when the sun is weakest, so a solar heating system will only contribute to part of your heating energy requirements. The system can provide approximately 30-70% of all your hot water requirements throughout the year.
- The average domestic system reduces annual carbon dioxide emissions by around 400kg. Solar panels should be sited on a south-facing pitched roof, free of shade, at an angle of between 20 and 50 degrees, or may be mounted on an angled frame on the ground or on a flat roof. The typical domestic installation requires 2 – 5 square metres of roof area and you may also need space to locate an additional water cylinder, if required.

Solar Collectors – Flat Plate or Evacuated Tube?

- Solar collectors are currently available in two types: Flat Plate Collectors and Evacuated Tube Collectors.
- Evacuated tube collectors have vacuum outer tubes each with a liquid filled copper conductor inside. As the liquid heats up it rises to the top of the tube where the heat is transferred in a manifold to the water from the cylinder.
- In flat plate collectors, the water passes through the whole plate where it is heated, before returning to the cylinder. Flat plate collectors can be integrated more easily into the roof fabric and tend to have a lower profile than evacuated tubes.
- Each system has its advantages in terms of price, efficiency and aesthetics. In general, evacuated tube collectors are more efficient and more expensive. A Bensa specialist can install both plate types but will be able to advise on the appropriate technology for your project.