

CASE STUDY

- Urban location
- Domestic hot water solar thermal
- Residential client direct



Residential client - Kent

The customer contacted us explaining that he wanted solar thermal for his hot water on his new extension building project.

We designed, supplied, and installed a 6-Collector LaZer2 solar water heating system for the property. The array measured W: 4228mm x D: 1845mm and weighed 276kg. A wall mounted controller monitors the system temperatures via sensors, and controls the circulating pump to ensure that the maximum amount of solar energy is transferred too the cylinder. The pump station which included: expansion vessel, filling loop, flow meter, pump, pressure, gauge and one-way valve was wall mounted above the cylinder. We estimate the system we have designed will produce 1,947 kWh/a which should provide around 50-70% of the annual domestic hot water requirement.



Based in East Sussex, Solar UK have been installing solar PV and solar thermal in the UK and Europe for 25 years. Solar UK manufactures, supplies, installs and maintains fully accredited, advanced solar systems specifically for the UK climate.

As well as being trusted suppliers and installers to both domestic and commercial customers, Solar UK is also one of the UK's leading solar research and development companies.