CASE STUDY

- City center location
- Roof top solar thermal
- Residential client via architectural firm

SOLAR UK
SINCE 2000

Residential client - London

Solar UK designed and installed this solar thermal system in accordance with a Coull Architecture specification.
The solar thermal array was mounted on the flat roof in a single array design of 3 x LaZer2 collectors. Measuring W: 2110mm x D: 1845mm and weighing 126kg, with insulated 16mm pipe work traveling from the collectors to the existing 180-litre Twin-coil hot water cylinder

Wall mounted controllers were installed to monitor system temperatures via sensors, and control the circulating pump to ensure that the maximum amount of solar energy is transferred to the cylinder. The pump station included an expansion vessel, filling loop, flow meter, pump, pressure gauge and one-way valve.
We estimate the system we have designed will produce 1,612kWh/a which should provide around 50-70% of the annual domestic hot water requirement.

Residential client - London

COULL Architecture

The dual heart of Coull Architecture is the focus on the service they provide and the quality of the designs they produce.
As service providers, they seek to understand the needs of the client and the people impacted by any project they are involved in, and as designers they seek to bring their skills and knowledge to provide responsive and engaging proposals.

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.