



Solar Thermal

Heat domestic hot water with solar radiation from the sun

Solar panels, also known as collectors are fitted to a roof of a building capturing the sun's energy. The system then pumps a heated fluid from the panel to the cylinder, which in turns transfers the heat to one of the two coils within a domestic hot water cylinder; the second coil is connected to your main heat source to provide assistance when solar radiation is unavailable.

All our solar systems come complete with solar collectors, roof mounting systems, an expansion vessel, pump station, control panel and a glycol/water solution; this fluid will enable the solar system to be able to withstand extreme external temperatures.

Solar thermal is typically not suitable to provide space heating due to the lack of solar energy available during the winter months and the fact that space heating is mostly required when it's dark outside.

Key features & benefits:

- **Hot water throughout the year:** the system works all year round, with a boiler or back up immersion to assist with heating your hot water during the winter months.
- **Cut your bills:** Once you've paid for the initial installation your hot water costs may be reduced by up to 70%.
- **Easy to install:** no need for regular maintenance.
- **Renewable Heat Incentive:** significant savings can be achieved using solar thermal systems, under the government's new scheme the 'Renewable Heat Incentive' (RHI) allowing for an annual pay back rewarding those who invest in such qualifying technologies.

