

SOLAR COLLECTORS

Exceptional quality solar panels combined with unique patented thermal storage systems characterise the overall system quality our clients expect. Our module collectors include:

Vertical and Horizontal Collectors

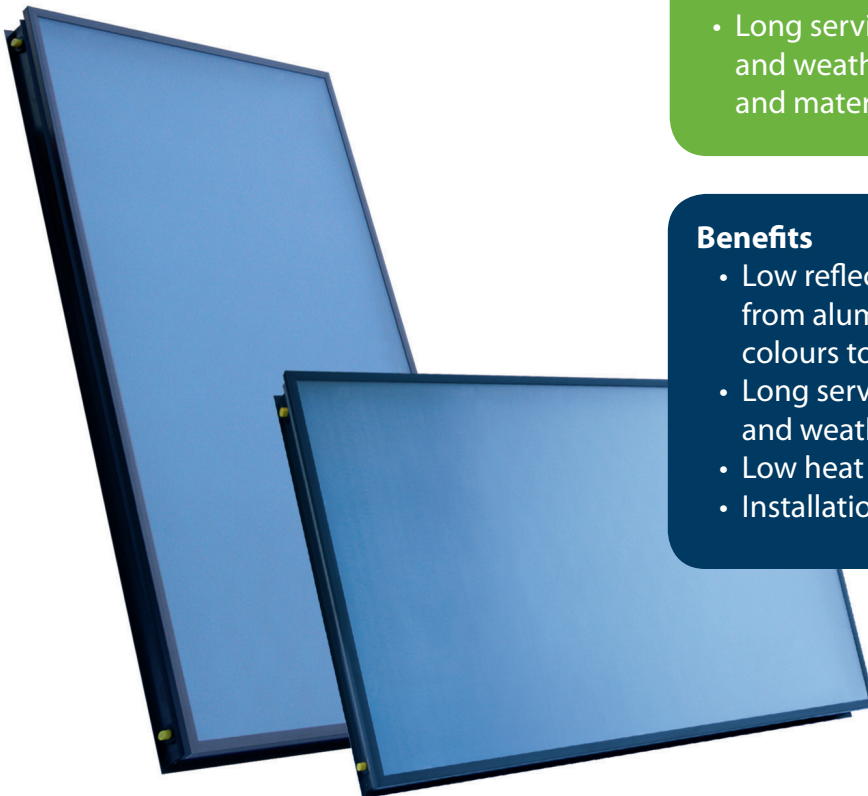
These panels are suitable for all purposes. They can be fitted easily and quickly both vertically and horizontally. They can be integrated into all roof types and can also be used for free-standing and on-roof installations.

On-Roof Large Collector

This collector is suited to on-roof and free-standing installation on pitched and flat roofs or for free-standing installations.

Façade Collector

These collectors can be installed into a building's façade. This allows for the opportunity for attractive architectural features in a façade design.



All our module collectors share the following features

- Superbly engineered, robust temperature and weather-resistant construction and materials deliver long service life
- Ten year guarantee
- Solar Keymark certification
- Low heat losses, high insulation values
- High absorption (94%) – highly efficient due to PVD coating, laser welding and meander system to guarantee optimum solar yield
- Straightforward installation for all applications (in-roof, on-roof and freestanding)
- Weather-resistant anthracite powder-coated aluminium frame construction with aluminium sandwich rear panel
- Universal fixings available
- Long service life – robust temperature and weather-resistant construction and materials

Benefits

- Low reflection design absorber made from aluminium sections in various colours to suit building appearance
- Long service life; robust, temperature and weather-resistant construction
- Low heat losses, high insulation values
- Installation straightforward

IHS Solutions

Underfloor Heating

Ground Source Heat Pumps

Air Source Heat Pumps

Thermal Stores & Hot Water Tanks

Solar Thermal Systems

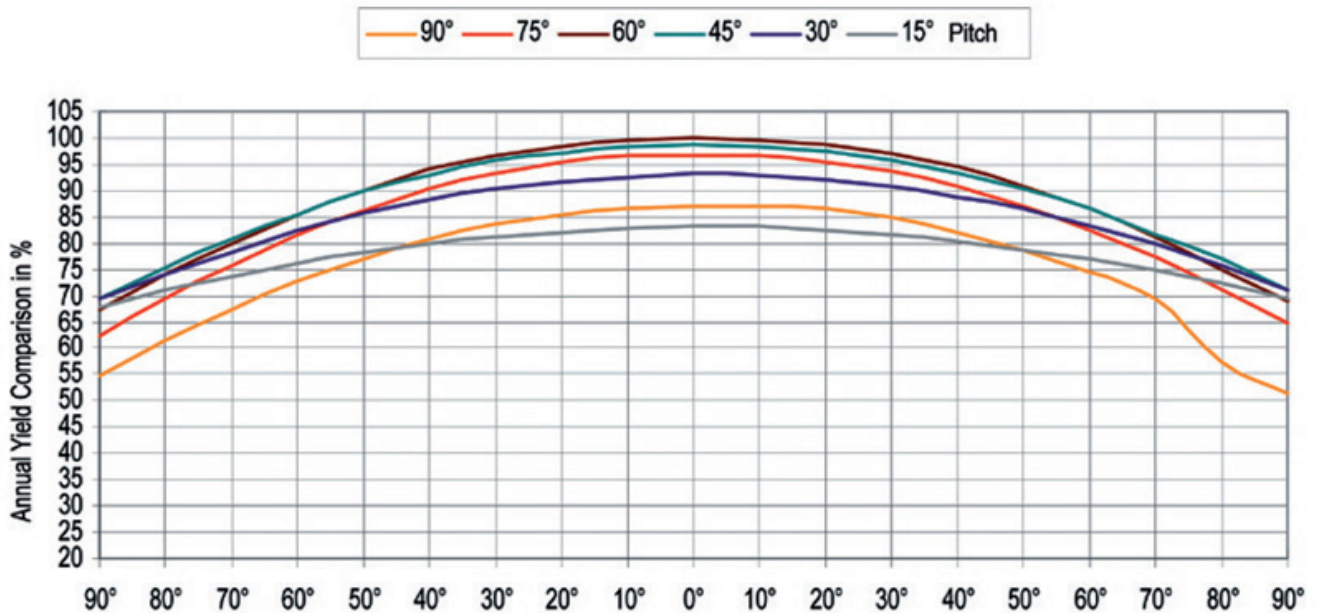
Manifolds, Pipe & Controls

Road Energy

Lewis Plates

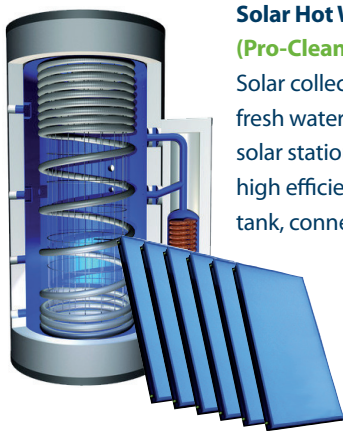
Roof Orientation

The orientation of your house (east/south/west) must be measured accurately in order to obtain maximum benefit from solar heating. These days, deviation towards east or west has little influence on purchasing a solar system. Using the example below, it's easy to see that only slightly more collector surface is required to compensate for an eastern or western orientation.



Solar Hot Water & Heating Sets

We have many solar heating and hot water sets to suit requirements of all types. These include:



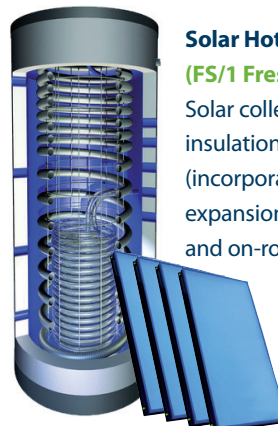
Solar Hot Water & Heating Set (Pro-Clean Stratified Tank)

Solar collectors, Pro-Clean stainless steel fresh water tank including insulation, solar station and control (incorporating high efficiency pump), expansion tank, connection tank, anti-freeze and mounting set. Solar input is optimized by a process of natural stratification using the tank's spherical heat exchanger to deliver heating and hot water.



Solar Hot Water Set (BE-SSP Tank)

Two solar collectors, steel enameled tank including insulation, electric anode, immerse, solar station and solar control, expansion tank and connection set and antifreeze and on-roof mounting set. Suitable for domestic hot water.



Solar Hot Water & Heating Set (FS/1 Fresh Water Tank)

Solar collectors, FS/1R steel tank including insulation, solar station and control (incorporating high efficiency pump), expansion tank, connection set, antifreeze and on-roof mounting set. Solar input is provided from a single coil at the base of the tank to provide heating and hot water.