

**GENERATE  
HOT WATER  
FROM FREE  
SOLAR ENERGY**



**ENERGLAZE**  
HOME ENERGY UPGRADES

# VIESSMANN



## SYSTEM SIZES

### SMALL

#### 12 TUBES

180L Cylinder  
House: 80m<sup>2</sup>  
(2-3 People)

### MEDIUM

#### 24 TUBES

250L Cylinder  
House: 90-140m<sup>2</sup>  
(3-5 People)

### LARGE

#### 36 TUBES

300L Cylinder  
House: 160-250m<sup>2</sup>  
(5+ People)

## Reduce Your Carbon Footprint

Installing a solar hot water system significantly offsets dirty fossil fuel usage, reducing carbon emissions and providing you with greater energy independence.

The Sustainable Energy Authority of Ireland (SEAI) offers a grant of €1200 for the installation of a solar thermal system.

**€1200 SEAI  
GRANT AVAILABLE**



For a free quote, call EnerGlaze  
on 01 901 1635 or visit [www.energlazesolar.ie](http://www.energlazesolar.ie)

# Generate Up To 70% Of Your Hot Water Needs From Free Solar Energy

As the cleanest, most abundant and easily accessible form of energy on earth, start your sustainable energy approach with solar energy.

By integrating a high-performance solar thermal system, solar energy is used to heat or preheat your home's domestic hot water. You can offset your heating costs by as much as 70% and reduce your CO2 emissions by up to 1 ton/year.



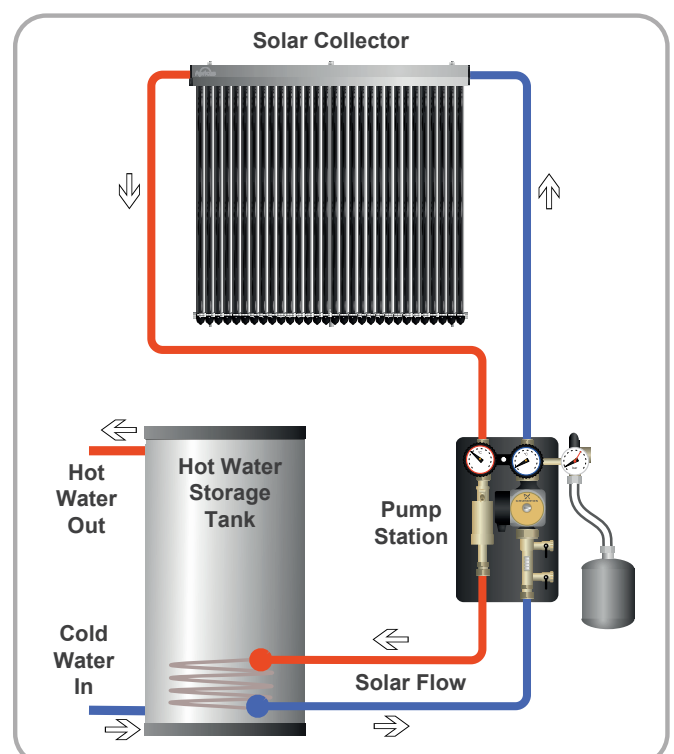
## Benefits:

- › Works from dawn to dusk all year round
- › Lower electricity costs, reduced carbon footprint
- › €1200 SEAI grants available
- › 10-year guarantee
- › Manufactured by Viessmann
- › ISO9001:2008 Certified



## How Does The Solar Hot Water System Work?

- › Solar energy is absorbed by the dark coloured absorber and transferred to copper pipes that contain a fluid.
- › The pump station circulates the solar heated fluid back to the hot water tank.
- › Throughout the day the solar system gradually raises the temperature in the hot water tank.
- › A backup energy source (electric, gas etc) ensures hot water supply when solar output is not able to fully meet demand.
- › The system can be a single tank (as shown) or a dedicated solar tank can provide pre-heated water to a main hot water tank.







## How Much Can I Save?

The amount of available solar radiation is dependent on the time of year and your location. The solar coverage rate measures the average amount of energy covered by a solar system in a year. In northern climates, solar coverage can still be as high as 70%. In the summer months a high-performance solar system typically covers almost all the energy required to heat domestic hot water.

