



TURN TO SOLAR POWER
USE GREEN ENERGY
REDUCE CO₂
SAVE OUR PLANET

FREE HOT WATER...
WITH THE ELEGANCE
OF VITASOLAR



“ Vita Cyprus Ltd is a strong professional organization with solid values towards their clients and the environment. Our vision for VitaSolar is to design and build efficient long lasting, compact and aesthetically appealing water heating systems optimizing the use of green technologies.”

A new generation of Solar Water Heaters!
 Good looking, unnoticeable solution for hot water with a written five year warranty.

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Solar Keymark
 SK08055471801

“All-in-One-Eco-Smart” solar water heating system

The **VITASOLAR 200L** is an integrated “All-in-One” solar system which provides for the solar energy absorption and storage of the heated water in one compact, aesthetically designed configuration.



Configuration of the VITASOLAR system



VITASOLAR is modular

One unit of **VITASOLAR 200L** sufficiently covers the needs of a family (up to five persons). However, the **VITASOLAR** system can also be connected in parallel which is ideal for hotels, student halls, multi-storeys etc. The number of units depends on the amount of hot water required.



SPECIFICATIONS

| | |
|--------------------------|---|
| Housing | Double wall mPE with 60mm gap filled with polyurethane. |
| Dimensions (L x W x H) | 208cm x 110cm x 37cm |
| Weight (Empty/Full) | 128kg / 328kg |
| Maximum working pressure | 6 bar |
| Storage Capacity | 200L |
| Storage vessel | Stainless steel 316L |
| Coating | Black absorbing "solar" paint |
| Connections | 3/4" BSP (2 inlets, 2 outlets) |

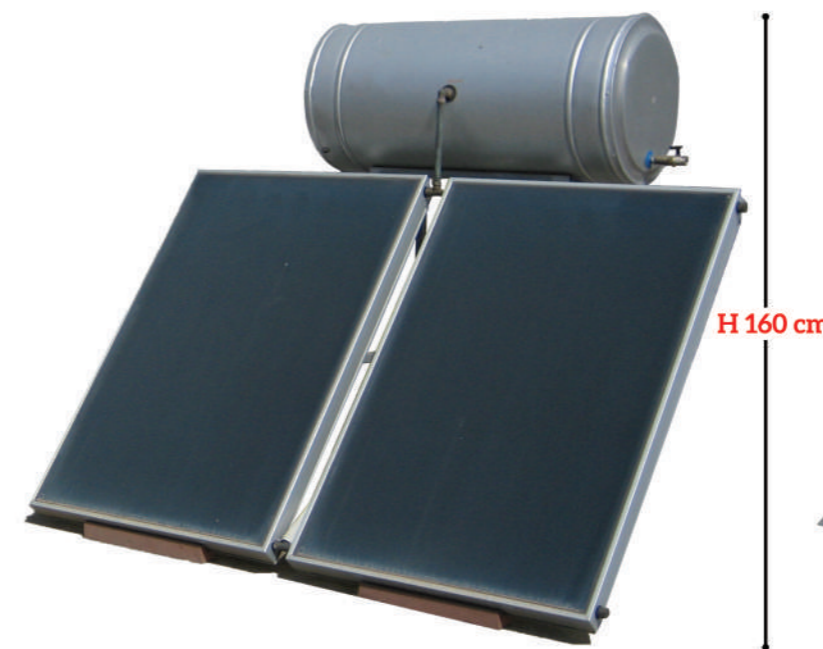
Advantages and benefits of the VITASOLAR system



- An aesthetically designed and compact system compared to the traditional solar water heater.
- Comes with a written 5 years warranty (the reason is that the system is made of plastic, glass, aluminium and high quality stainless steel).
- An economical and high efficiency water heating system; an investment for future saving at an affordable price for everyone (customize according to your needs).
- A modular system with easy and inexpensive installation (Do it Yourself, DIY)
- Available for hot water 24hours a day, all round the year.
- Does not freeze easily, even at sub zero temperatures.
- The storage tank can sustain pressures of up to 6 bars.
- Easy installation on both flat or pitched roofs; connections can be either left or right side.
- The housing is available in different colours.
- Ideal for preheating water.
- Ideal for underfloor heating.
- Stainless steel 316L storage tank (316L suitable for drinking water).
- Movable (can be easily removed or relocated).
- Highly anti-corrosive resistance (the system is ideal for seaside areas).
- Option for one or two electric elements.
- Option for a water coil.
- Option for a programmable control unit (function against Legionella).

How it works

Solar radiation is absorbed by the storage tank walls that allow the transfer of the heat **DIRECTLY TO THE WATER**, which can reach temperatures of up to 90°C during the Summer. This process is more efficient than the conventional solar hot water system as it avoids heat losses between the solar panels and the storage tank. The insulated housing of **VITASOLAR** helps to ensure minimum heat losses from the water in the tank.



200L Conventional solar water heater
(Height 160 cm)

Visual comparison of the VITASOLAR compact system and conventional system



New generation
200L VITASOLAR water heater
(Height 75 cm)