



**TURN TO SOLAR POWER**

**USE GREEN ENERGY**

**REDUCE CO<sub>2</sub>**

**SAVE OUR PLANET**

“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 optimazing the use of green technologies.”

## **VITA CYPRUS LTD**

(Member of Vita Group of Companies)

Head Office: VITA Court,  
4 Pericleous Str, 2020 Strovolos  
P.O.Box 28124, CY-2090 Nicosia  
CYPRUS

Tel: +357 22 499 519, +357 99 631 009  
+357 99 525 842, +357 99 435 328

Fax: +357 22 499 518

Websites: [www.vita.com.cy](http://www.vita.com.cy)  
[www.vitasolar.net](http://www.vitasolar.net)

E-mail : [vita@cytanet.com.cy](mailto:vita@cytanet.com.cy)



**FREE HOT WATER...**

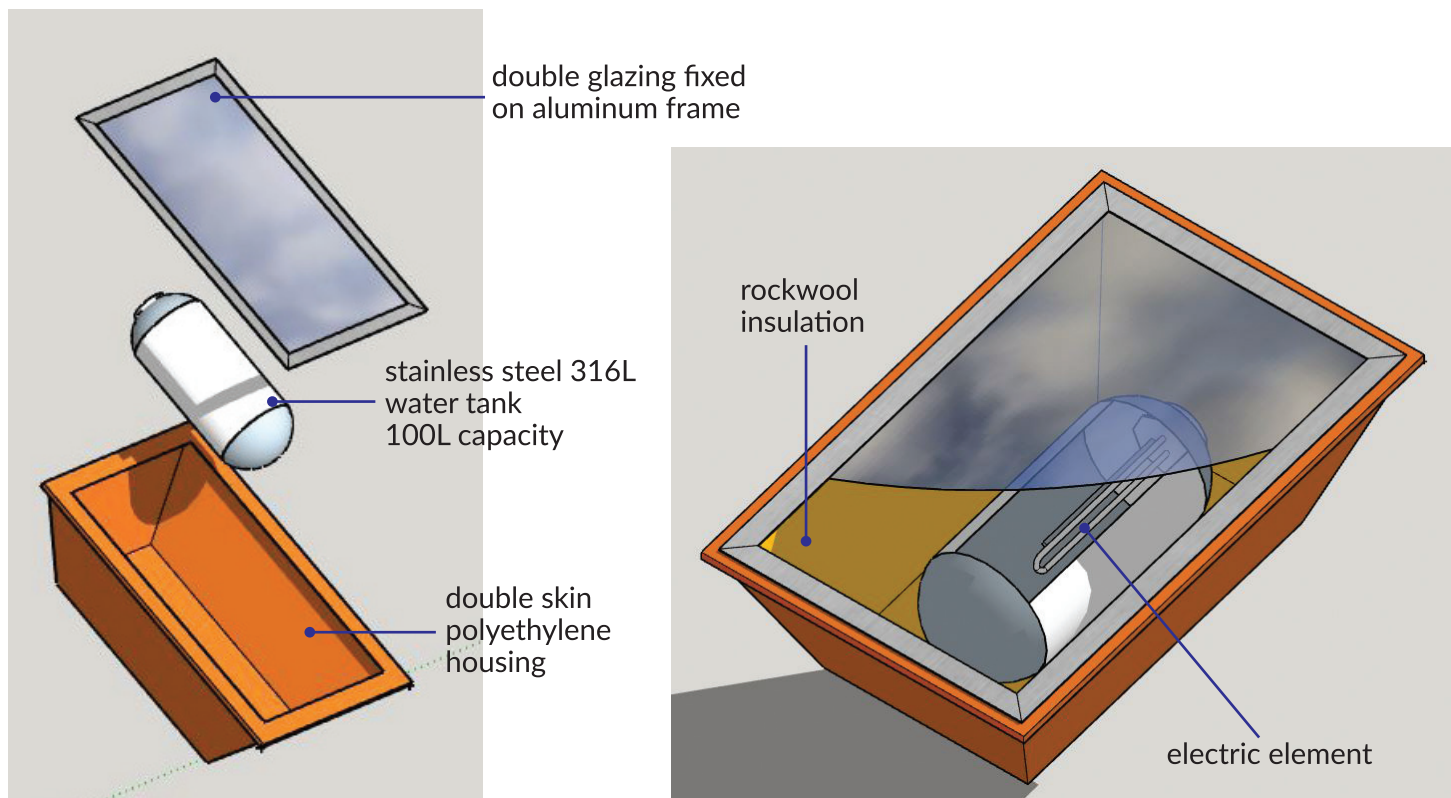
**WITH THE COMPACT,  
“ALL-IN-ONE”, INNOVATIVE  
VITASOLAR 100L SYSTEM**

- aesthetic design
- high efficiency
- stainless steel 316L storage tank
- 5 years warranty

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

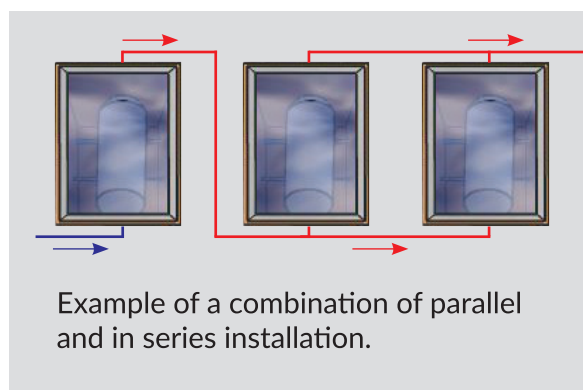
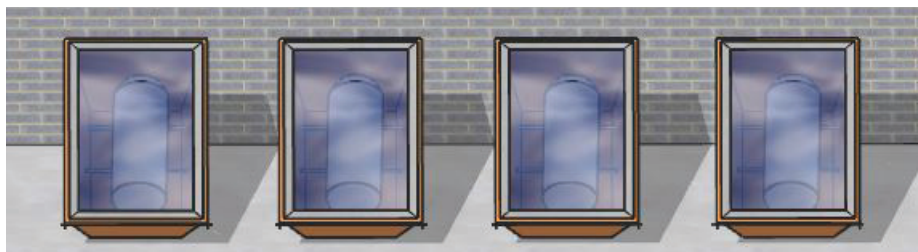
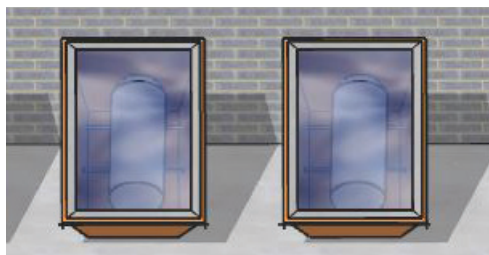
The VitaSolar 100L is an integrated “All-in-One” system. Solar radiation is absorbed by the storage tank walls that allow the transfer of the heat **DIRECTLY TO THE WATER**. This process is more efficient than the conventional solar hot water system as it avoids heat losses between the solar panels and the storage tank. The insulated housing of VITASOLAR helps to ensure minimum heat losses from the water in the tank.

## Configuration of the VITASOLAR 100L system

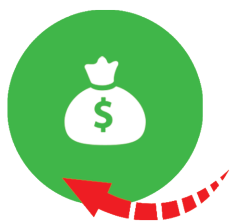


### VITASOLAR 100L is modular

Units of the VITASOLAR 100L system can be connected in parallel or in combination (parallel and in series). The number of units installed will depend on the amount of hot water required.



## Advantages and benefits of the VITASOLAR 100L system



- An aesthetically designed and compact system.
- Comes with a written 5 years warranty.
- An economical and high efficiency solar water heating system.
- A modular system with easy and inexpensive installation (Do it Yourself, DIY)
- Availability of hot water 24 hours 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 and pitched roofs.
- The housing is available in different colours.
- Ideal for preheating water.
- Suitable for underfloor heating.
- Stainless steel 316L storage tank (suitable for drinking water).
- Movable (can be easily removed or relocated).
- Comes with an aluminum stand.
- High anti-corrosion properties (the system is ideal for seaside areas).
- Option for an electric element.
- Option for a programmable control unit (function against Legionella).

Average daily quantity of hot water (Litrs) under standard usage conditions

Month	Temp. °C	
	35°C	40°C
January	49L	34L
February	55L	45L
March	84L	75L
April	84L	76L
May	92L	89L
June	100L	91L
July	104L	101L
August	110L	101L
September	105L	95L
October	97L	87L
November	96L	67L
December	65L	49L

Energy output Q of the system when Volume of daily hot water consumption equals to Volume of cylinder

Month	Q in kwh
January	78
February	79
March	118
April	107
May	116
June	118
July	124
August	120
September	107
October	105
November	80
December	78
<b>Solar energy gain per annum</b>	<b>1230</b>

## SPECIFICATIONS

Dimensions (L x W x H)	155cm x 97cm x50cm
Weight (Empty/Full)	70kg / 170kg
Maximum working pressure	6 bar
Storage Capacity	100L
Housing	Double wall PE with 60mm gap filled with polyurethane.
Storage vessel	Stainless steel 316L
Coating	Black absorbing "solar" paint
Connections	3/4" BSP (inlet, outlet)