

# SolarArk Solar Evacuated Tube Hot Water Systems

Call 1300 670 966  
or visit [www.solarark.com.au](http://www.solarark.com.au)

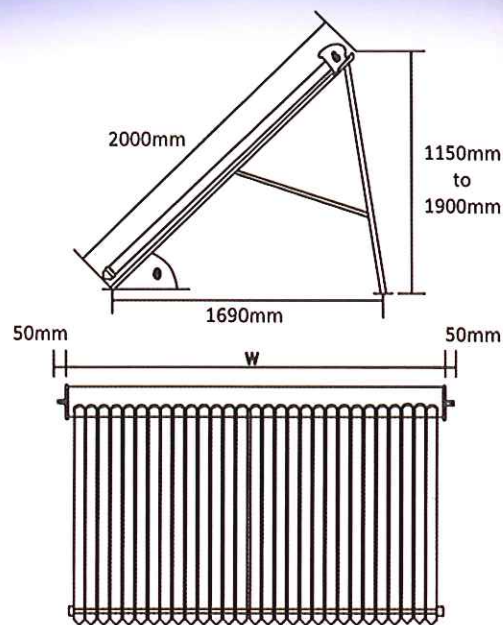
Speak to SolarArk Today  
about tailoring a system that  
meets your Residential, Commercial  
or Industrial energy needs

Your Authorized SolarArk Representative



CLEAN GREEN ENERGY

SolarGreen (Aust) Pty Ltd  
Ph: 1300 783 427



Collector Size: 10 tubes  
Gross Weight (Empty): 45Kg  
Absorber Area: 0.8m<sup>2</sup>  
Aperture Area: 0.94m<sup>2</sup>  
Gross Area: 1.57m<sup>2</sup>  
Fluid Capacity: 754ML  
Width: 810mm  
Height: 160mm  
Length: 2000mm

Collector Size: 20 tubes  
Gross Weight (Empty): 78Kg  
Absorber Area: 1.6m<sup>2</sup>  
Aperture Area: 1.88m<sup>2</sup>  
Gross Area: 2.96m<sup>2</sup>  
Fluid Capacity: 1546ML  
Width: 1560mm  
Height: 160mm  
Length: 2000mm

Collector Size: 30 tubes  
Gross Weight (Empty): 115 Kg  
Absorber Area: 2.4m<sup>2</sup>  
Aperture Area: 2.82m<sup>2</sup>  
Gross Area: 4.35m<sup>2</sup>  
Fluid Capacity: 2338ML  
Width: 2310mm  
Height: 160mm  
Length: 2000mm

# SolarArk

Better by Design

## Solar Hot Water Evacuated Tube collectors



Call 1300 670 966





# Design and Innovation Solar Hot Water



## About SolarArk

SolarArk is an Australian manufacturer of high quality, enhanced performance evacuated tube solar collectors with our own manufacturing and warehousing facility. Our team of engineers and skilled employees are committed to our product development and quality control

SolarArk Products can be used for residential, commercial and industrial applications effectively harnessing the sun's energy, due to the cylindrical shaped tubes designed to track the sun for longer periods of the day, at all times of the year



## Why Solar Hot Water

- o Significantly reduce your ever increasing energy costs
- o Clean energy with long product life expectancy
- o Reduce your carbon foot print

## Why install a SolarArk hot water system

- o Hot water typically contributes 38% of Australian family's energy costs. SolarArk evacuated tube solar collectors, can reduce your energy costs for hot water by up to 90%
- o Saving you more money, by providing Superior performance and high quality product
- o Australian owned, designed and operated
- o Reducing your carbon footprint and contributing to Australia's energy conservation efforts
- o Price competitive
- o Industry leaders for design and performance in solar hot water
- o 15 years warranty. The longest available in Australia
- o Rigorous standards and methods for installation Australia wide
- o Exceptional customer support. And backup service
- o Network of authorised dealers and service agents

## How a SolarArk evacuated tube system work

Sunlight passes the outer glass layer through the vacuum and onto the selective coating of the inner glass layer trapping the heat within the evacuated tube

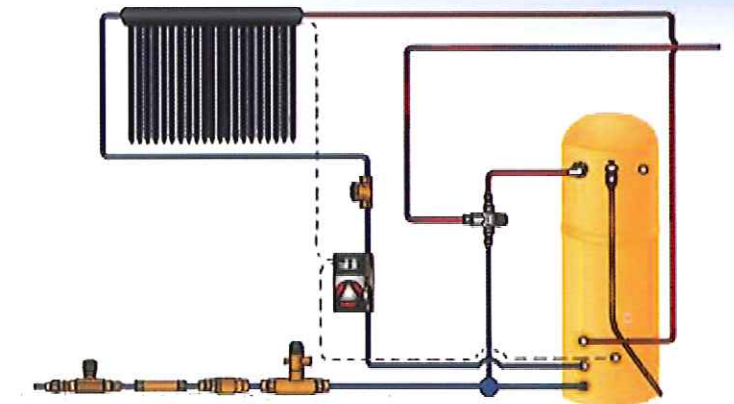


Heat is transferred to the copper heat exchanger within the insulated manifold via high performance heat pipe

An energy efficient circulating pump is used to transfer water to the heat exchange where it is solar heated as it passes across the heat pipes. The solar heated water is returned to the storage cylinder.

SolarArk systems are resilient in all weather conditions from extreme heat waves, hailstorms, strong winds and freezing temperatures. hot

SolarArk systems are perfectly suited for frost prone areas, snow and rapid changes in temperature capable of producing hot water under harsh environments.



## System Sizing Guide



250L Tank	20 tube Systems	1 person - 4 people
315L Tank	20 tube Systems	1 person - 5 people
315L Tank	30 tube Systems	1 person - 6 people
400L Tank	30 tube Systems	1 person - 7+ people

# Make the Smart Choice