SolarArk

Solar Hot Water

AUSTRALIA'S HIGHEST PERFORMER!

Evacuated Tube Technology

www.SOLARARK.com.au

www.SOLARARK.COM.AU 1300 670 966

SolarArk

VENTILATION POWER HOT WATER AIR CONDITIONING

TRIPLE TARGET EVACUATED TUBE

HOW A EVACUATED TUBE SYSTEM WORKS ?

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 suns' 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 ?

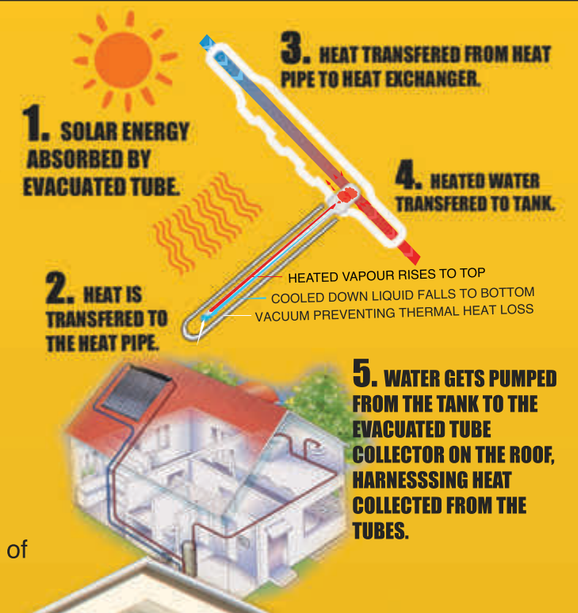
- Significantly reduce your ever increasing energy costs
- Clean energy with long product life expectation
- Reduce your carbon foot print
- Hot water typically contributes 38% of Australian family's energy costs. SolarArk evacuated tube solar collectors, can reduce your energy costs for hot water by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

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.

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.

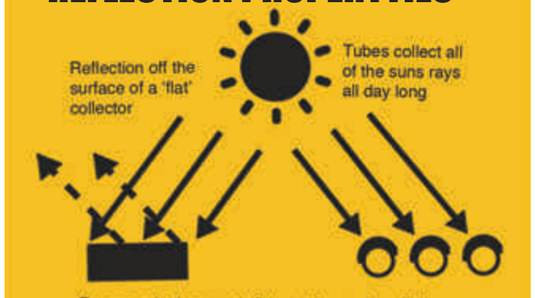
SolarArk systems are resilient in all weather conditions from extreme heat waves, hailstorms, strong winds and freezing temperatures.

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

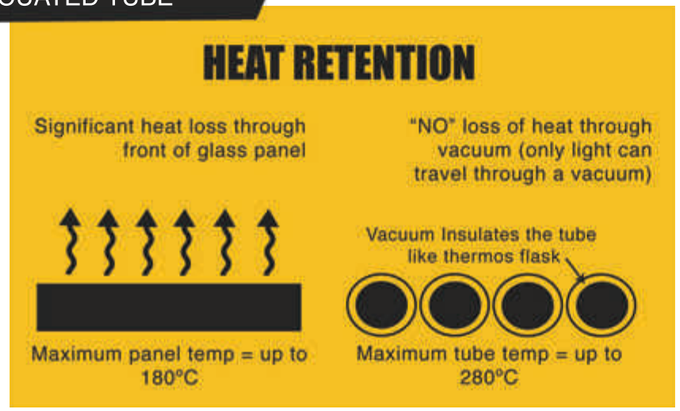


FLAT PANEL COMPARED TO EVACUATED TUBE

REFLECTION PROPERTTIES



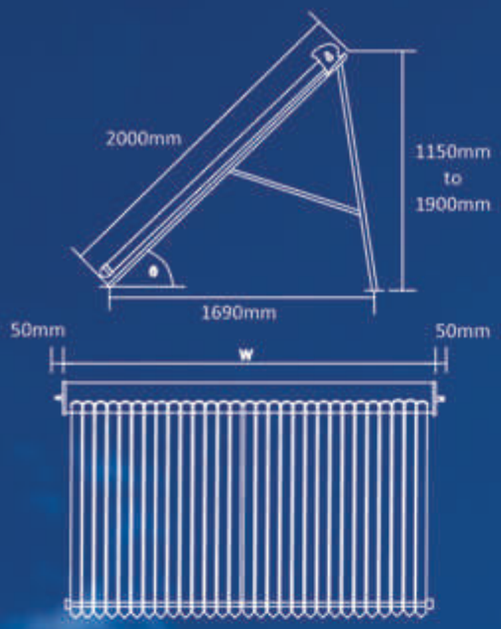
HEAT RETENTION



SYSTEM SIZING GUIDE

250L Tank	20 tube Manifold
315L Tank	20 tube Manifold
315L Tank	30 tube Manifold
400L Tank	30 tube Manifold

Average number of people per system.



Collector Size:	12 Tubes
Gross Weight (empty):	50Kg
Absorber Area:	0.98m^2
Aperture Area:	1.123m^2
Gross Area:	1.95m^2
Fluid Capacity:	905mL
Width:	955mm
Height:	160mm
Length:	2000mm

Collector Size:	20 Tubes
Gross Weight (empty):	78Kg
Absorber Area:	1.60m^2
Aperture Area:	1.88m^2
Gross Area:	2.96m^2
Fluid Capacity:	1546mL
Width:	1560mm
Height:	160mm
Length:	2000mm

Collector Size:	30 Tubes
Gross Weight (empty):	115Kg
Absorber Area:	2.40m^2
Aperture Area:	2.82m^2
Gross Area:	4.35m^2
Fluid Capacity:	2338mL
Width:	2310mm
Height:	160mm
Length:	2000mm

SolarArk Reseller:

SYSTEM CHOICE:

12tube ☐ 20tube ☐ 30tube ☐ 40tube ☐

Vitreous Enamel ☐ Stainless Steel ☐

270L ☐ 340L ☐ 450L ☐ 250L ☐ 315L ☐ 400L ☐

Install Kit ☐

Tilt Frame (optional) ☐

Gas Booster (optional) ☐

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