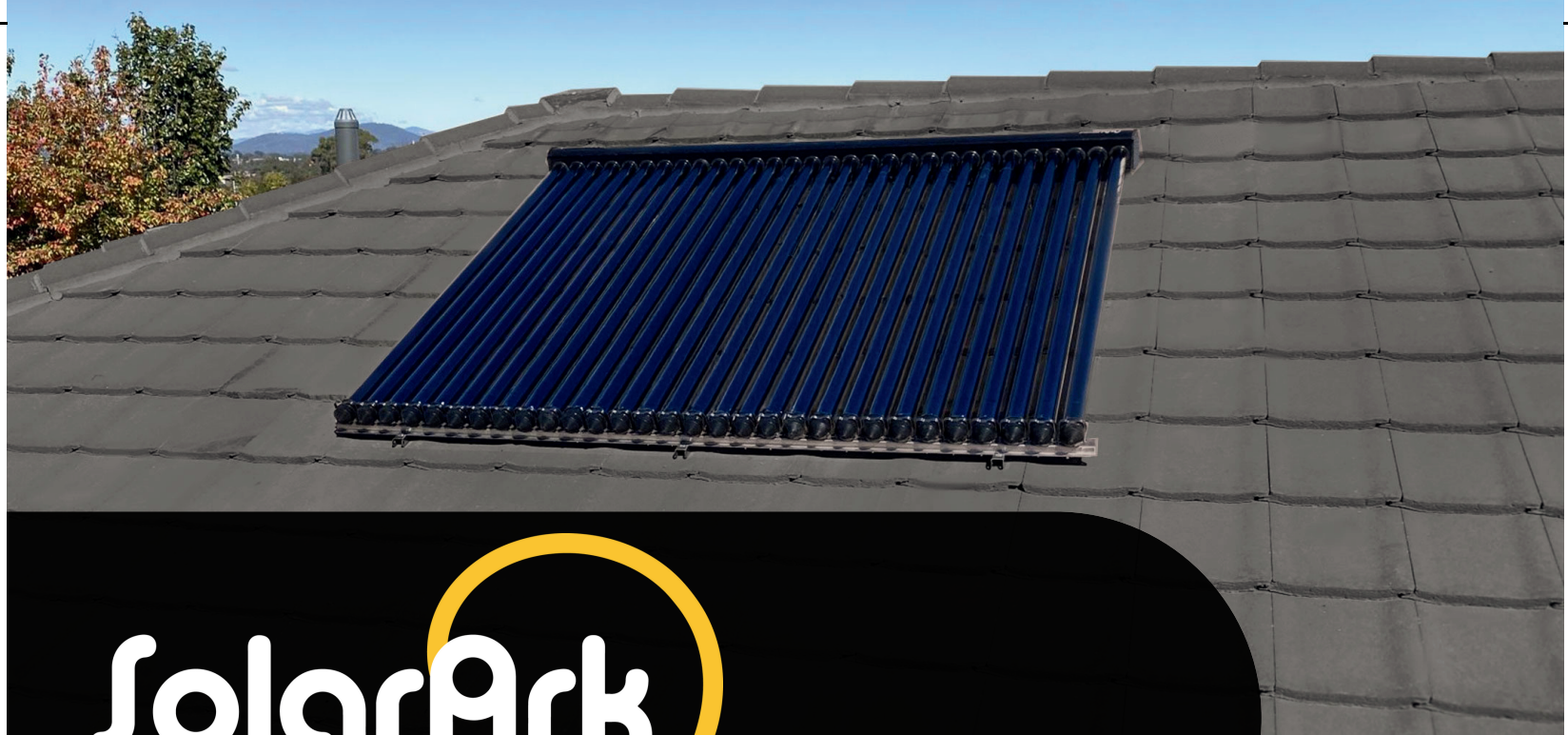




Evacuated Tube Solar Hot Water

Committed to Excellence

SolarArk is an Australian owned and designed high quality, enhanced performance, evacuated tube solar collectors. Our team of engineers and skilled employees are committed to our products development and quality control.

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



Why Choose Us?



BETTER BY DESIGN

Market Leading Efficiency, verified by Sustainability Victoria & the Clean Energy Regulator STC data for Evacuated Tube Products



15 YEAR WARRANTY

An unparalleled testament to product durability and our confidence, offering long-term peace of mind and protecting your investment. We were the first to offer this.



PERSONALIZED SERVICE

We provide a tailored approach, ensuring you receive the optimal solution for your unique needs, backed by expert guidance from consultation to installation and beyond.



RAPID VALUE CREATION

Benefit from immediate and long-term financial advantages, with significant energy savings and a quick return on investment.

Contact Us



1300 670 966

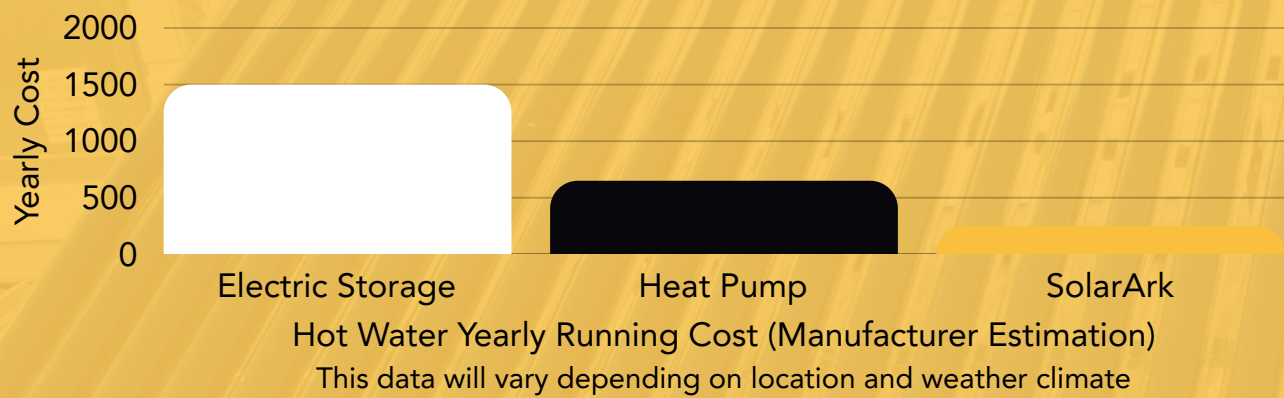


info@solarark.com.au

Unlock Up to 90% Savings: The Smarter Way to Hot Water

Why Solar Hot Water Now? Addressing Your Energy & Environmental Concerns

Hot water typically contributes 38% of Australian family's energy costs. For businesses, escalating operational costs demand smarter solutions. SolarArk offers a path to significantly reduce your ever-increasing energy expenses. Embrace clean energy with a long product life expectation and reduce your carbon footprint. As Australia steadily moves away from gas reliance, investing in SolarArk system is a proactive step towards energy independence and long-term cost stability, protecting against future energy policy shifts and price volatility.



Flat Plate Comparison

The SolarArk Advantage: Evacuated Tube Superiority Unveiled

Many prospective buyers might not understand the fundamental differences between solar hot water technologies or why evacuated tubes are a better investment. Our technology is designed to outperform.

Criteria	Flat Plate Collector	SolarArk Evacuated Tube
Efficiency (Heat Absorption)	Lower; significant reflection off surface	Higher; tubes collect sunlight all day long, trapping heat within
Heat Retention (Insulation)	Significant heat loss through front glass panel	Maximum heat retention; vacuum insulation prevents heat loss
Sun Tracking Capability	Fixed angle; limited effective collection period	Passive sun tracking; cylindrical tubes designed to track sun for longer periods
All-Weather Performance	Vulnerable to frost and hail damage	Frost protection down to -15°C; superior strength against hail damage

With SolarArk, you can reduce your energy costs for hot water by up to 90%. Our passive sun tracking design ensures 5 hours longer hot water regeneration than flat plate designs, providing consistent, reliable hot water availability, even during peak demand or less sunny periods. Enjoy peace of mind with superior strength against hail damage and frost protection down to -15°C, ensuring all-weather reliability and year-round performance.

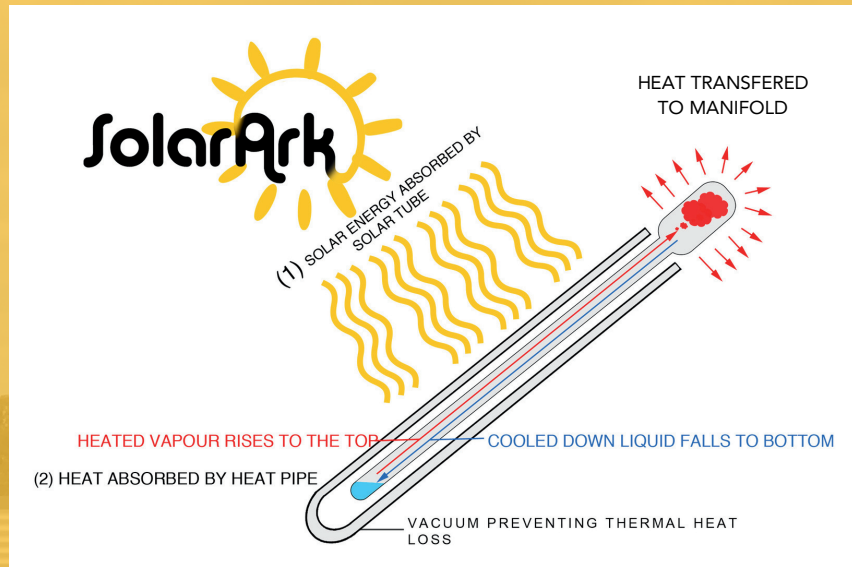
Engineered for Excellence:

The Science Behind Your SolarArk Savings and Comfort

How Our Evacuated Tube System Maximizes Efficiency

Our evacuated tube system is designed for maximum efficiency and durability.

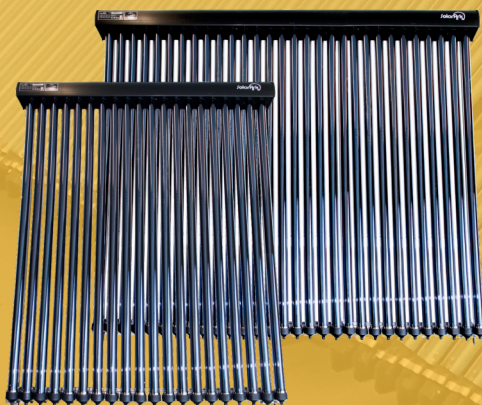
- The core of our efficiency: a powerful vacuum layer between two glass tubes virtually eliminates heat loss, trapping maximum solar energy within the collector. This means more hot water for you, even on colder or overcast days.
- Selective Coating: Our advanced selective coating on the inner tube optimizes heat absorption, converting even diffuse sunlight into usable energy, ensuring consistent performance.
- Heat Pipe Technology: Heat is rapidly transferred from the tube to the heat pipe's internal liquid, which then efficiently delivers this thermal energy to your manifold. This ensures quicker hot water regeneration and availability.



The Heart of Your System: The Electric Boosted Vitreous Enamel Tank

Our Electric Boosted Vitreous Enamel Tank plays a crucial role in storing and ensuring a consistent supply of hot water, designed for long-term performance and future readiness.

- **Durability & Longevity:** The vitreous enamel lining resists corrosion and ensures long-term performance, protecting your investment.
- **Future-Ready Solution:** As Australia steadily moves away from gas reliance, our tank offers a smart, future-ready solution, aligning with responsible and forward-thinking energy choices.
- **For Residential Users:** Paired with the right storage size and a timer setup aligned to peak usage hours, you get dependable hot water every day—without the risk of running out.
- **For Builders & Developers:** Crucially, our system helps in achieving 7-Star energy ratings and meeting BASIX compliance standards. By reducing hot water energy consumption by up to 80% and cutting CO2 emissions by up to 4.2 tonnes annually, our system significantly improves a building's energy efficiency and sustainability scores, helping you build smarter, greener, and fully compliant homes.
- **For Commercial & Industrial Clients:** Stress the reliability, efficiency, and significant contribution to corporate sustainability targets and green credentials.



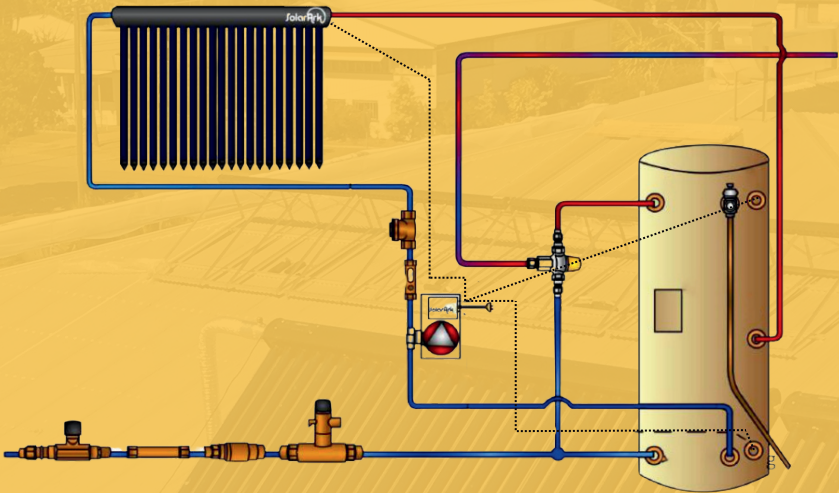
Customized for Your Needs:

SolarArk System Configurations & Detailed Specifications

We are committed to ensuring smooth integration, compliance with energy standards, and optimal performance from day one. Our personalized service helps you choose the right system for your specific requirements.

Collector Size	20 Tube	30 Tube
Gross Weight (Empty)	78Kg	115Kg
Absorber Area	1.60m2	2.40m2
Aperture Area	1.88m2	2.82m2
Gross Area	2.96m2	4.35m2
Fluid Cacpacity	1546mL	2338mL
Width	1560mm	2310mm
Height	160mm	160mm
Length	2000mm	2000mm

SYSTEM CONFIGURATION



Tank Size	VE250	VE315	VE400
Total Capacity	270L	340L	450L
Height	1398mm	1700mm	1713mm
Overall Diameter	648mm	648mm	730mm
Hot Water Outlet	1161mm	1464mm	1464mm
Cold Water Inlet	74mm	74mm	74mm

SYSTEM SIZING GUIDE

250L Tank	20 Tube	 — 
315L Tank	20 Tube	 — 
315L Tank	30 Tube	 — 
400L Tank	30 Tube	 + 



Your Next Steps:

- Request a Personalised Consultation
- Get Your Free, No-Obligation Quote
- Learn More About BASIX & Commercial Solutions

Contact Us

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 www.solarark.com.au