

WISELIVING

Sustainable Heating, Cooking & Hot Water Systems



Save up to
80% on your
hot water
energy bill

15 year warranty



Solar Hot Water

Hot water accounts for up to 30% of an average Australian household's energy usage.

By installing a WISELIVING Evacuated Tube Solar System you can **reduce your hot water energy costs by up to 80%**, while reducing your carbon footprint. WISELIVING sources the highest quality evacuated tube solar collectors with strongly engineered and designed manifolds and a **15 year warranty on the collector and tank.**



FEATURES



Passive Sun Tracking

The round tube design passively tracks the sun to provide more solar collection, for more hours of the day.



Highly Efficient Performance

Up to 95% solar energy retained with minimal heat loss leading to higher performance in colder climates.



Superior Hail Resistance

Independently tested and shown to withstand impact from a 25mm ice ball at 90km/hr.



Built-in Frost Protection

-15° without glycol, meaning less maintenance with no glycol levels to check or top up or need for frost valves.



Light-Weight Durable

Designed to weigh approx 110kg, our system can be installed by a single installer with components individually assembled on the roof.



Preferred by Installers

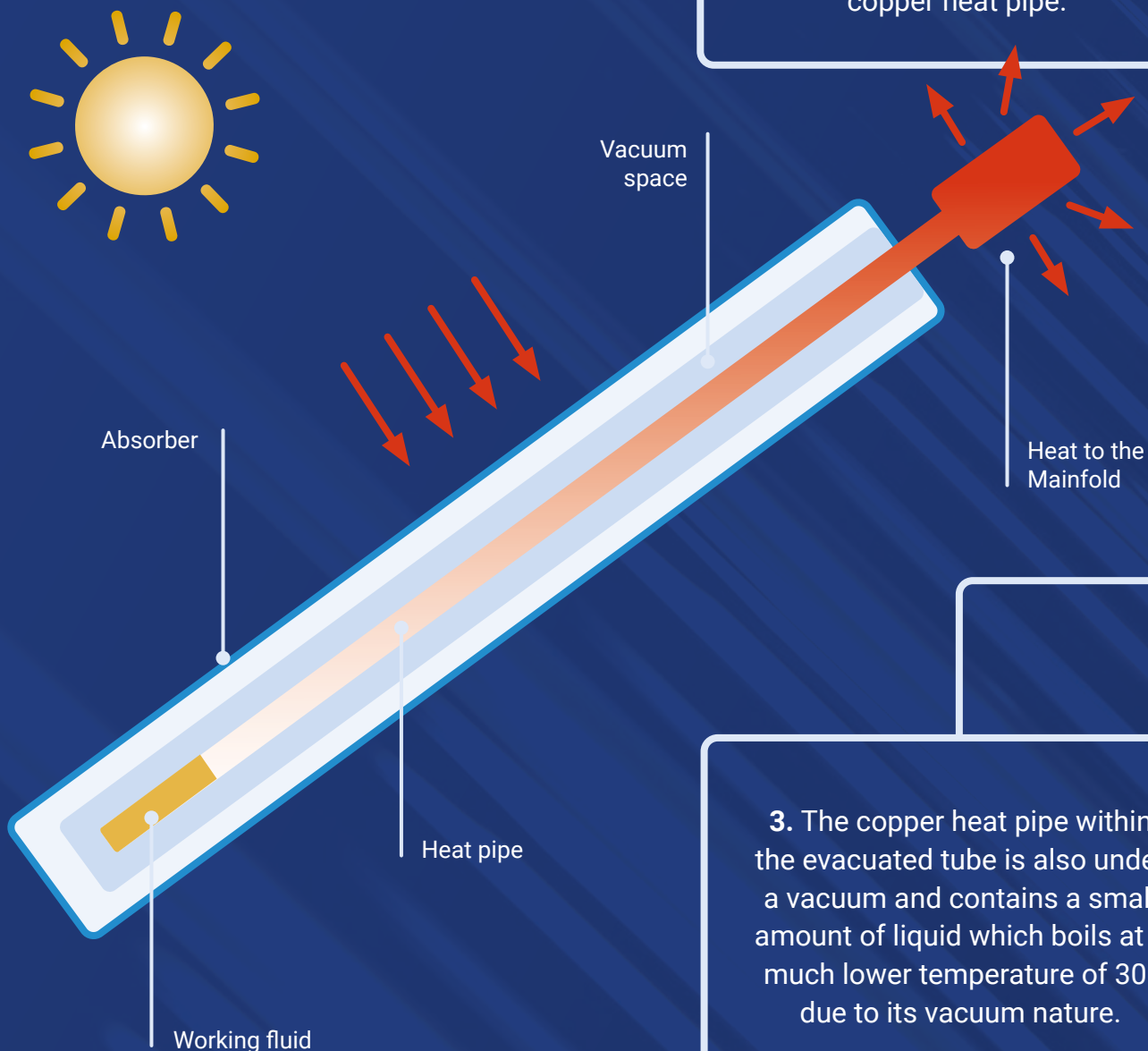
A trusted system for its ease of installation, individual replacement of damaged tubes and superior performance.

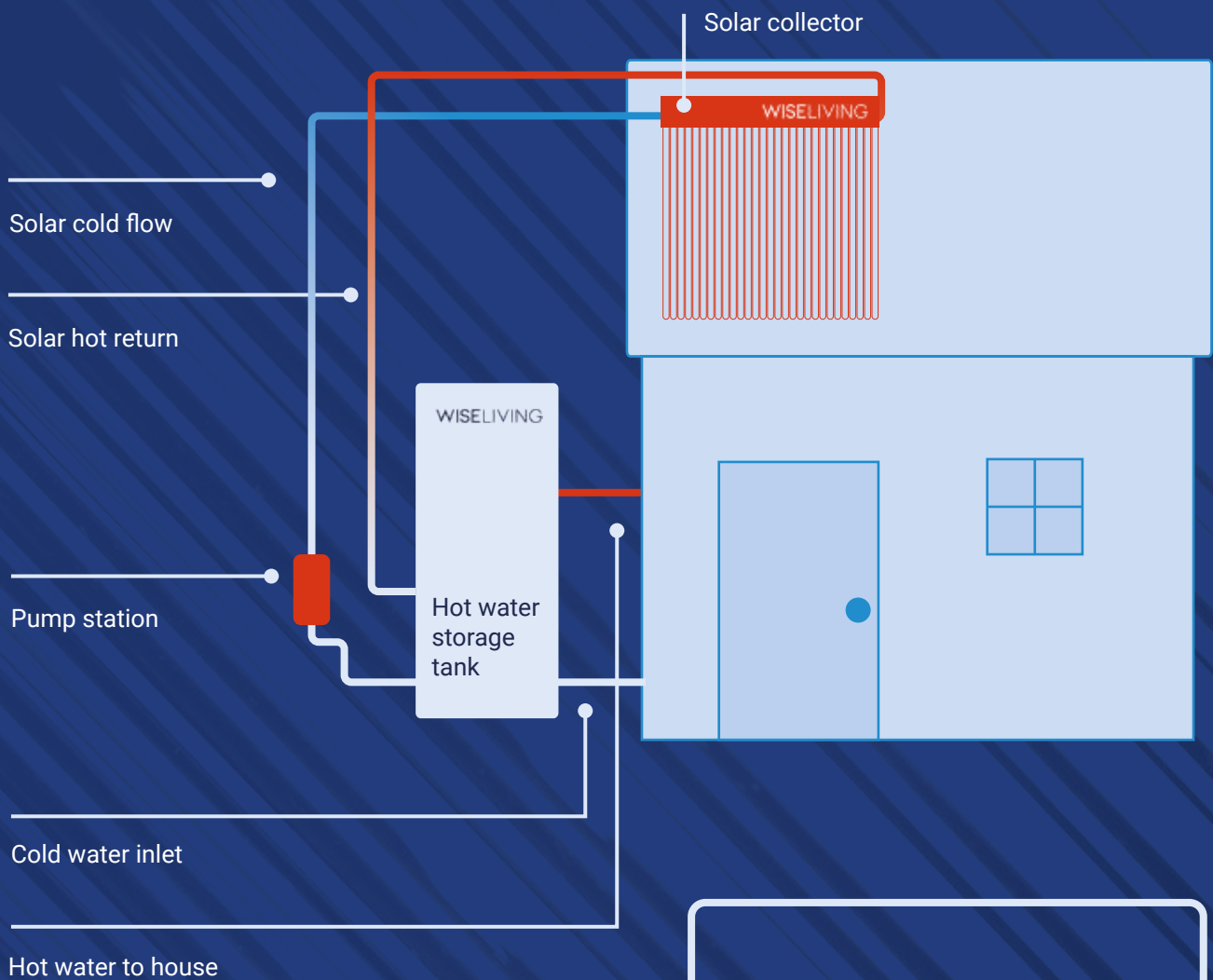
HOW DO EVACUATED TUBE SYSTEMS WORK?

1. Sunlight passes through the toughened Borosilicate glass outer layer of the tube and onto the specially coated inner glass layer.

2. The two glass layers are separated by a vacuum where the heat is trapped within the tube. The heat is transferred to the heat exchanger via aluminum plate and high performance copper heat pipe.

3. The copper heat pipe within the evacuated tube is also under a vacuum and contains a small amount of liquid which boils at a much lower temperature of 30° due to its vacuum nature.





4. This liquid travels up the heat pipe as superheated liquid to the bulb where the heat is transferred to the manifold, it condenses and falls back to the base of the tube and the process is repeated.

5. Your household water is passed through the manifold and across the heat tube bulbs by way of an energy efficient pump, operated by an electronic controller, ensuring the pump only runs when necessary.

6. The hot water produced is then returned to the WISELIVING Stainless Steel Tank and stored for your use when needed.

HOT WATER TANKS

Australia's only family owned and operated manufacturer of hot water storage tanks.

Our Platinum Series mains pressure tanks are manufactured from Marine Grade Stainless Steel and complement our solar hot water systems perfectly.

All WISELIVING tanks are heavily insulated and have passed rigorous Australian heat loss testing to ensure your precious solar heated water is maintained at an even temperature. Giving you peace of mind on those cold nights and days.

WISELIVING manufactures tall and squat tanks in custom sizes to suit individual hot water requirements. Our *CentraCoil* tank range can even be coupled with a wood boiler to add an additional fuel source and enhance your system - using even less electricity!

With our manufacturing capability we can design and build any tank to meet the most demanding needs. Just contact us to discuss which system and tank combination will suit you best!



160Lt, 250Lt, 315Lt & 400Lt sizes

15 year warranty*

Australian Made

Wood fired heating options

Electric boosted - mid or bottom element

Gas Boosted System - LPG or NG options

TANK SIZING GUIDE		
Tank Options	Height	Width
160	1200	565
250	1800	565
315SQ	1490	685
315T	2090	565
400	1860	685

SQ = Squat
T = Tall

FRAMES

The WISELIVING framing system has been designed with installer and customer in mind.

Appreciated for its simplistic design where all frames come with bolted components attached ready for connection and it's smooth and aesthetic appearance holding your investment firmly on your roof.

Easily installed on a pitched or flat roof, we have available a tilt kit that will lift the standard supplied frame to the desired pitch ensuring your WISELIVING system is performing exactly as it was designed to... effortlessly efficient.



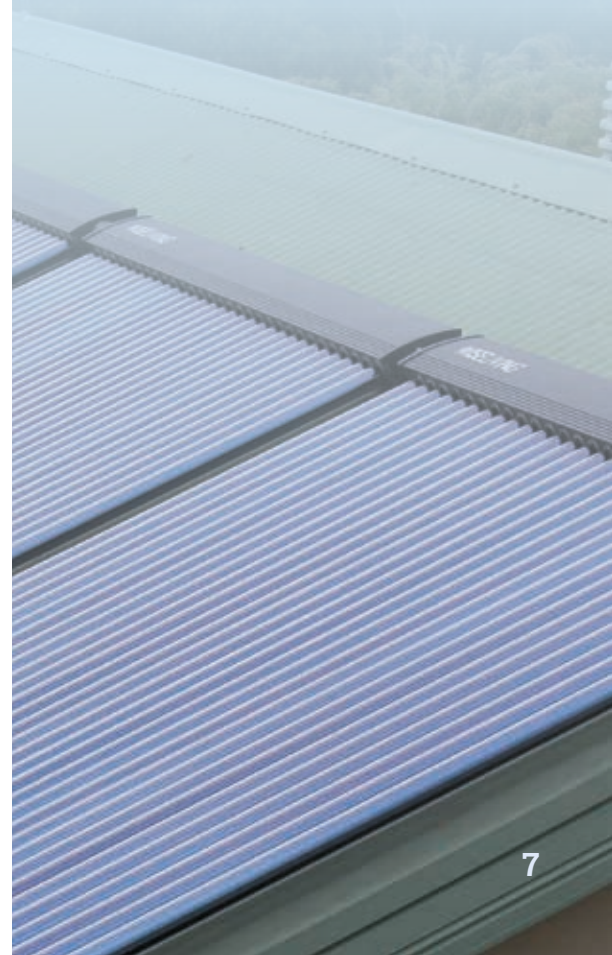
15 year warranty on framing components*

Easiest framing system to put together

4 components make up a complete standard frame

Light weight strong anodised aluminium

Suitable for tin and tile roofs



SOLAR COLLECTOR SPECIFICATIONS

COLLECTOR TUBES	20	25	30	40
Gross (m2)	3.15	3.93	4.72	6.29
Aperture (m2)	1.85	2.32	2.78	3.71
Width (mm)	1597.33	1996.67	2396.00	3194.67
Length (mm)	1980.00			
Depth (mm)	145.00			
Dry weight (kg)	72.67	90.83	109.00	145.33
Fluid Capacity (L)	1.13	1.42	1.70	2.27
Peak Power	1.14	1.43	1.72	2.29
Min Operating Temp	Built in frost protection up to -15°			
*Warranty	15 years on all roof components 15 years pro rata on all tanks			
Minimum Pitch	20°			
Max Pitch	50°			
Max Operating Pressure	500kpa			

Find out how many STC rebates are attracted by the system you require here:
<https://www.rec-registry.gov.au/rec-registry/app/calculators/swh-stc-calculator>

ABOUT WISELIVING

WISELIVING has been involved in the Solar Hot Water industry for decades, manufacturing hot water tanks and the Solar Mio range of flat plate collectors before adding Solar Evacuated Tube collectors to our offering.

WISELIVING offers what we believe to be the best Solar Hot Water System available in Australia today including the specially designed and built evacuated tube roof kits and a 15 year warranty on tanks and all roof components.

A strong warranty from a strong company means peace of mind for our customers and their investment in a WISELIVING Solar Hot Water System.

t: 1300 050 940
e: info@wiseliving.com.au
w: wiseliving.com.au

