



Enjoy sustainable savings with solar hot water

Hot water systems are the single most energy intensive home appliance.

You can save money and reduce your household's impact on the environment by installing an ultra efficient evacuated tube hot water system from Apricus.

Apricus residential solar hot water systems are available in a wide range of sizes with natural gas, LPG and electric boosting options to suit any household, in any climate.

- Passive sun tracking
- Highly efficient
- Lightweight
- Low maintenance



SUPERIOR COLD WEATHER PERFORMANCE

BUILT-IN FROST PROTECTION

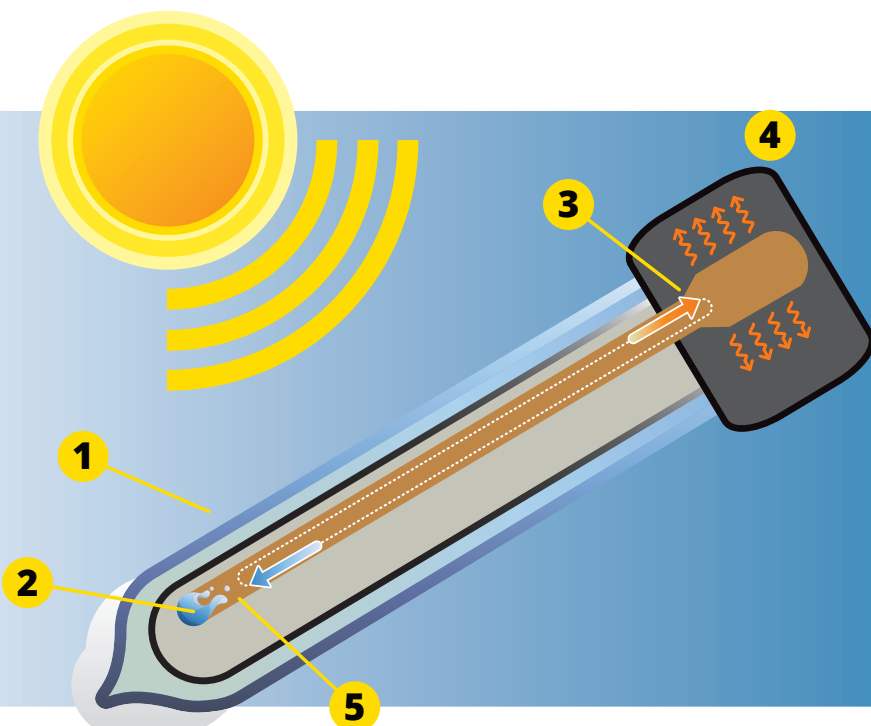
REBATES AVAILABLE

DESIGNED FOR AUSTRALIAN CLIMATE

WARRANTIES UP TO 15 YEARS*

More solar energy for more hours of the day

Apricus evacuated tube collectors are high performing in all seasons as they can be positioned more favourably towards the sun. They passively track the sun to reach its peak output earlier in the morning and stay at peak until later in the afternoon. When high performance is needed in cooler weather, evacuated tubes have a significant advantage over flat plate collectors. The image below shows how the collectors work.



HOW THE COLLECTORS WORK

1. Evacuated tube absorber layer receives incoming solar radiation.
2. The absorber moves energy to the copper heat pipe where energy is stored by the working fluid.
3. The working fluid boils at approx 30°C, turns to vapour and rises to the heat bulb at the top.
4. The heat bulb transfers energy into the water as it passes by through the manifold.
5. The vapour cools, condenses and returns to the base of the heat pipe where the process is then repeated.

10 reasons to choose an Apricus



1. Passive Sun Tracking

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



2. Cyclone Rated

Our mounting frames are designed in Australia, and are rated to withstand cyclonic winds.



3. Cold Weather High Performance

Apricus evacuated tubes have a vacuum between two glass layers working like a thermos flask allowing up to 95% of the solar energy to be retained leading to higher performance in colder climates.



4. Built-in Frost Protection

All Apricus solar hot water systems have built-in frost protection (-15°C) without glycol, so there is less maintenance.

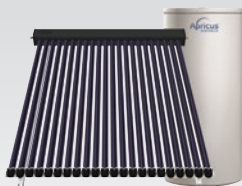


5. Superior Hail Resistance

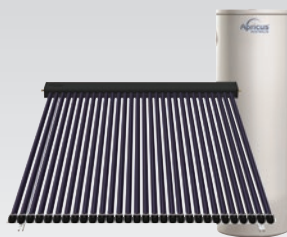
Our tubes have been independently tested and shown to withstand impact from a 25mm ice ball at 90km/hr.

SIZING GUIDE

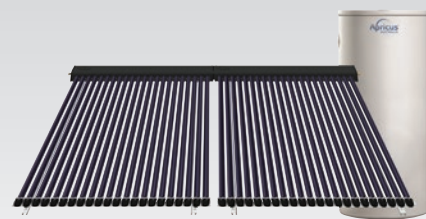
Apricus solar hot water residential systems are available in a range of sizes and gas, LPG natural gas or electric solutions. Your plumber will recommend the best solution for your home.



SMALL
22 TUBE 250L TANK
1-2 Bedroom Homes



MEDIUM
30 TUBE 315L TANK
3-4 Bedroom Homes

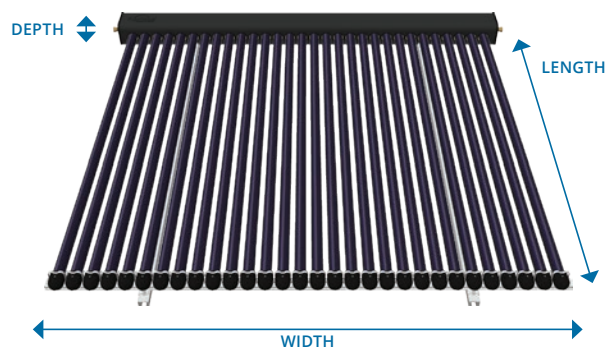


LARGE
44 TUBE 400L TANK
4+ Bedroom Homes

TECHNICAL GUIDE

Dimensions - Roof Collector (ETC Series)

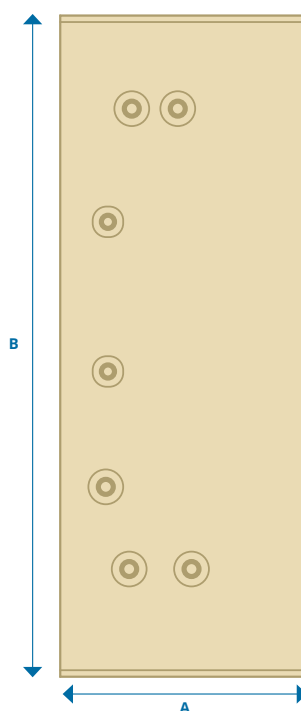
COLLECTORS	22T	30T	44T
Total Width (mm)+	1636	2196	3272
Total Length (mm)	2005	2005	2005
Total Depth (mm)^	136	136	136



For full technical specifications on boosters and all glass lined and stainless steel storage tank options visit apricus.com.au

Specifications - Glass Lined Gas Storage Tank

TANK SIZE	250L	315L	400L
Physical Volume (L)	259	323	420
Dry Weight (kg)	71	92	116
DIMENSIONS (mm)	250L	315L	400L
Diameter (A)	617	617	705
Height (B)	1445	1765	1704



* See Apricus Warranty Policy for full details at apricus.com.au

+ Assumes 2x 22T collectors directly adjacent to each other, spacing between two collector groups not taken into account.

^ Depth does not include mounting frame.



Note: This diagram is not to scale and is an indication only.

Your local agent:

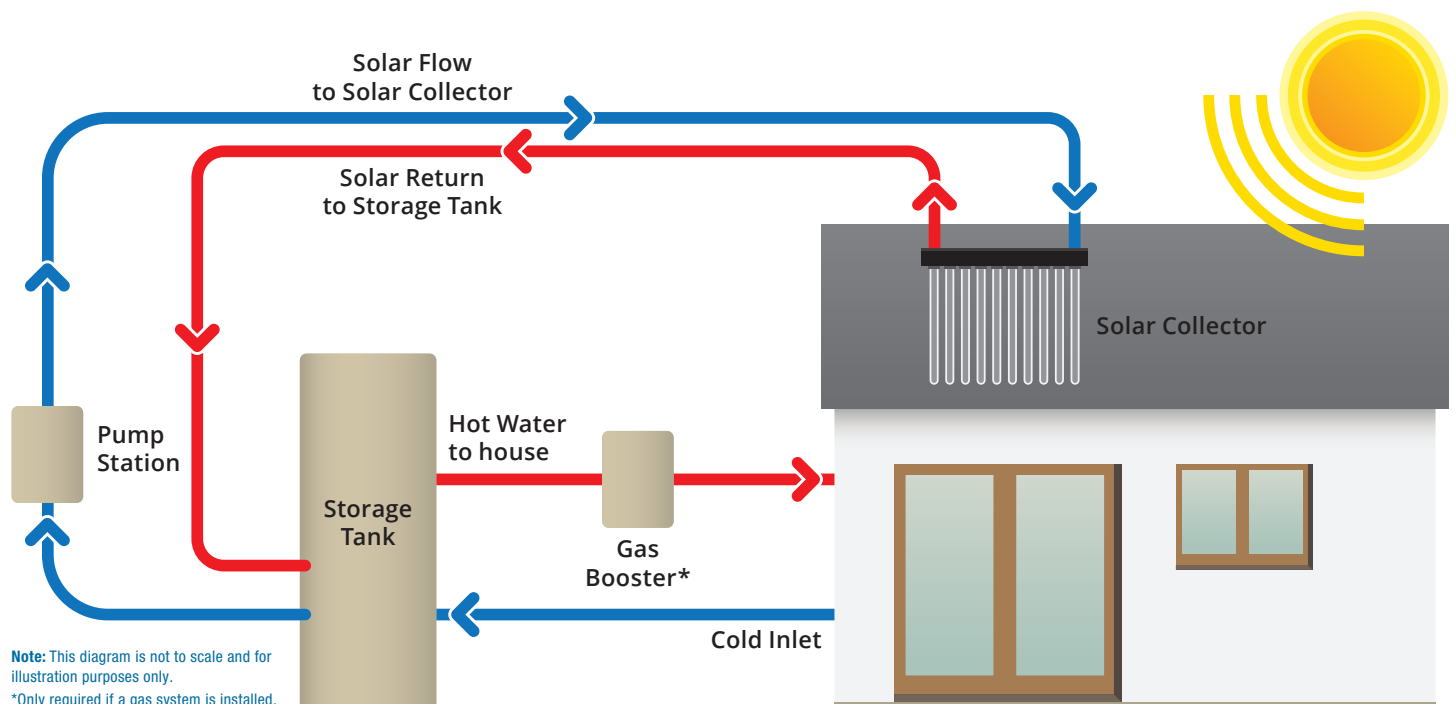


CONTACT US TODAY

For more details or to check your potential government rebates (STCs) call Apricus today on **1300 277 428** or visit apricus.com.au

A solar hot water system and how it works

An Apricus solar hot water system comprises of a storage tank, an electric boosted storage tank or gas booster, evacuated tube solar collectors, a solar controller and pump. The system uses a solar controller and pump to transfer cold water from the tank to the solar collectors to be heated and returned to the top of the tank. The solar controller compares the water temperature in the collector to that in the tank. When the collector is hotter than the tank, the pump switches on, transferring the solar heated water to the tank. A booster is required to deliver hot water in times of low solar contribution or times of excessive hot water consumption.



Apricus solar hot water system



6. Light-weight, Durable Design

A 30 tube collector weighs approximately 110kg spread over a 2.2m x 2.0m roof space so there is no inconvenience using cranes to install. Reinforcing the roof structure is not necessary compared to other solar hot water systems that can weigh up to 500kg on a roof.



7. Designed in Australia to meet Australian conditions

Apricus is an Australian owned and operated company. All systems are designed to meet even the toughest Australian conditions and built to last.



8. Up to 15 Year Warranty*

We provide a 15 year collector warranty and 10 year warranty on solar hot water tanks.



9. Plumber Preferred

Plumbers that install solar hot water systems trust and prefer Apricus. Our systems are easy to install and the known superior performance means their customers are happy too.



10. National Support Network

Our products are available through 1200 resellers across Australia so you will enjoy local, dedicated support.