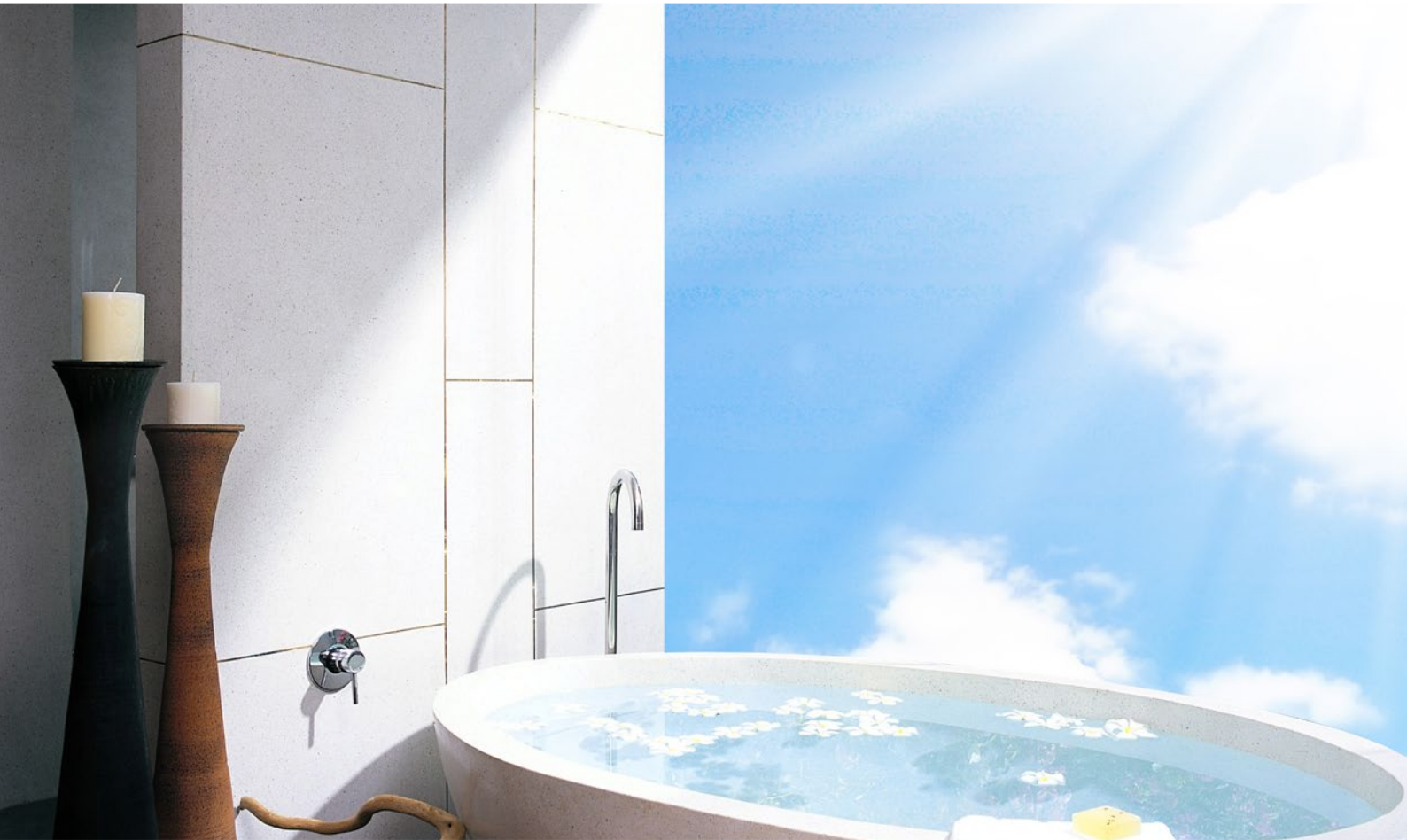


# Soak in the sunshine



Chromagen Solar Hot Water Systems

# Soak in the sunshine, and SAVE with solar hot water from Chromagen



## Efficient living with Chromagen

With a solar hot water system from Chromagen, you can literally soak in the warmth of the sun whilst reducing your water heating bills.

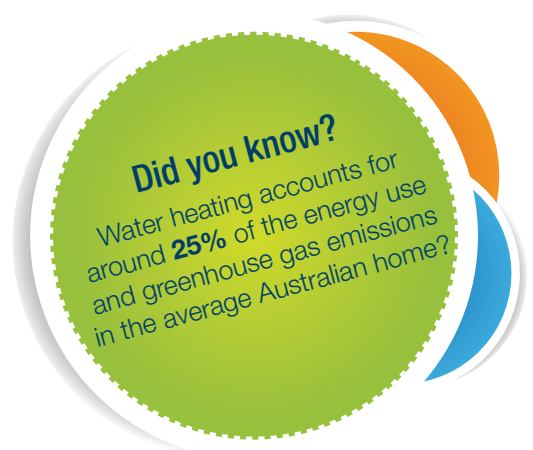
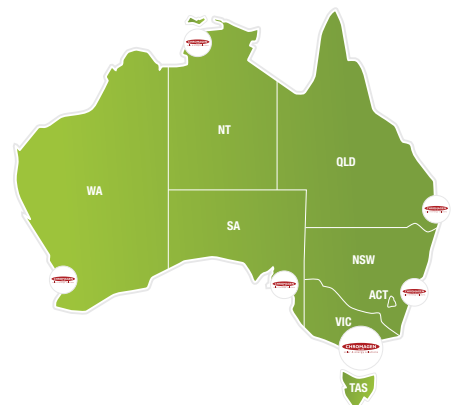
Chromagen Pty Ltd is a proudly Australian owned and operated company with a mission to provide sustainable environmental solutions for Australian consumers.

Founded in 1962, the Chromagen brand is now a major international player in thermal solar technology. Their world-class solar hot water systems are sold to over 35 countries and are recognised across the globe for their high quality, reliability and durability.

Today Chromagen Pty Ltd distributes a wide range of residential and commercial solar and energy solutions, including the renowned solar hot water systems. In Australia, Chromagen has a nation-wide presence with a network of offices, dealers and service agents across the country, so you can count on local experience, solutions and service.

## Reliable solar-heated water, on tap

Hot water is a basic household need and there are few things more soothing than soaking in a warm shower or bath. There are, however, few things more frustrating than running out of hot water just when you want it, but with a Chromagen solar hot water system, reliable, environmentally-friendly hot water is on tap.

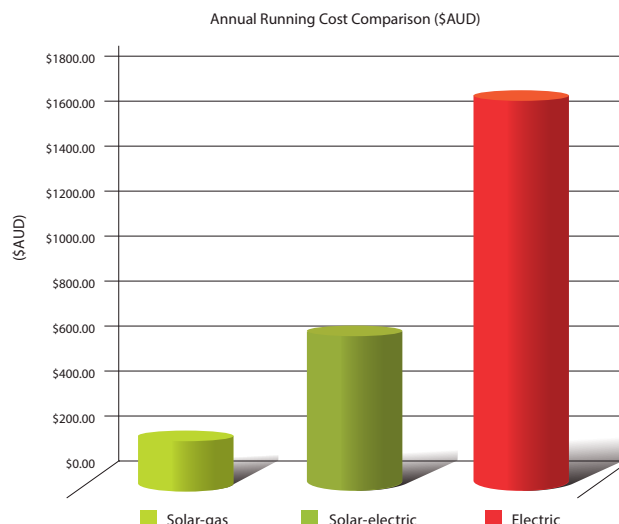


## Harness the sun's unlimited power

Solar hot water systems are highly efficient water heaters that use the sun's unlimited and free energy to pre-heat water, using around 80% less purchased energy than conventional hot water systems.

Old energy-hungry electric hot water heaters are very expensive to run and are a huge contributor to household energy consumption, but with solar hot water you could save over \$1000\* per year!

You save so much because most of the heating comes FREE from the abundant Australian sunshine and less electricity or gas is required. When you use the sun to heat your water, you are not only saving money today, you are also reducing your carbon footprint, for a cleaner environment tomorrow.



## How Solar Hot Water Works:

1. Roof-mounted thermal collectors harness the FREE heat energy from the sun
2. Water from the tank is circulated through the roof-mounted collectors and is heated
3. The heated water returns to the tank and is stored for later use
4. At night or cold days an electric or gas booster assists in reaching the desired water temperature



Illustration of gas boosted **SplitLine** system

## The solar advantage:

- Solar pre-heated water significantly reduces power consumption and power bills
- Improves the energy efficiency of your home
- Reduces emissions of harmful greenhouse gases
- Reliable supply of hot water in any weather or time of day

## Solar hot water rebates and incentives

The highly energy efficient range of Chromagen solar hot water systems qualify to generate Small-scale technology certificates (STCs) under the Federal Government Renewable Energy Target (RET) scheme. Australian consumers can therefore assign these certificates to their Chromagen dealer to reduce the up front cost of their system.

In addition, there are other renewable energy rebates, subsidies and grants available in each state. If you qualify for one of these, it may further reduce the installation cost, making the switch to a Chromagen solar hot water system even more affordable.

\*Based on a daily hot water demand of 300 litres, an electricity cost of \$0.30/kWh, gas cost of \$0.02/MJ and on installation in Zone 3. Excludes water costs.

## Our range:

### Ground Mounted (Split) Systems

Ground mounted solar water heaters, also known as “split systems”, consist of a separated configuration of a ground mounted tank and roof mounted thermal collectors.

These systems are designed to provide installation flexibility, to reduce the load on your roof structure and to provide a streamlined roof top appearance. Ground-mounted systems are available with open-loop tanks for general applications and closed-loop configurations suitable for frost-prone areas or ‘hard’ water conditions.

#### Chromagen SmartLine

SmartLine gas-boosted solar water heaters are cleverly designed with an integrated, pre-fitted 6 Star Eternity continuous flow gas water heater and pump set for simpler installation, plus a compact footprint and aesthetically pleasing design.

#### Chromagen SplitLine

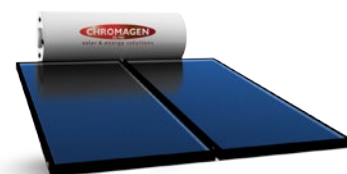
SplitLine solar water heaters are hybrid water heaters with the option of back-up electric power or a 6 Star continuous flow gas water heater. SplitLine systems also have the option of flat plate or evacuated tube thermal collectors.



SmartLine



SplitLine



RoofLine

### Roof Mounted Systems

Roof mounted solar water heaters, also known as thermosiphon systems, are a traditional close-coupled combination of roof mounted solar collectors and a storage tank. They are highly efficient systems which use natural thermal convection to circulate hot water from collector up to the tank, without the need for electric powered pumps and are ideal for installations where there is limited available ground space.

#### Chromagen RoofLine

Chromagen's RoofLine systems are hybrid water heaters with the option of back-up electric power or a 6 Star continuous flow gas water heater and the option of a closed loop tank for frost-prone areas or ‘hard’ water conditions.

## SplitLine and SmartLine System Specifications

Tank	Capacity (L)	200*		300		400	
	Height (mm)	1270 / SmartLine 1870		1420		1765	
	Diameter (mm)	585 / SmartLine 600		690		650	
Flat Plate Collectors	Number	1**	2	2	3	2	3
	Nominal Dimensions (mm)	1274 W x 2187 L	2214 W x 2187 L	2214 W x 2187 L	3356 W x 2187 L	2214 W x 2187 L	3356 W x 2187 L
Evac. Tube Collectors	Number	2		3		4	
	Nominal Dimensions (mm)	2040 W x 2020 L		3085 W x 2020 L		4130 W x 2020 L	
Boost Options	Electric	-		•		•	
	Eternity Gas	•		•		•	
Closed loop	•		•		-		

\*Available in SmartLine configuration with integrated Eternity continuous flow gas water heater

## RoofLine System Specifications

Tank	Capacity (L)	200	300 (Short)		300 (Long)
	Width (mm)	1241	1433		1814
	Diameter (mm)	585	651		586
Overall system Length	(mm)	2772	2838		2773
Flat Plate Collectors	Number	1**	1**	2	2
	Nominal Dimensions (mm)	1274 W x 2187 L	1274 W x 2187 L	2214 W x 2187 L	2214 W x 2187 L
Boost Options	Electric	-	•		•
	Eternity Gas	•	•		•
Closed loop		-	-		•

\*\*1 x panel systems feature EcoBlue flat plate collectors. All others feature BlackMax flat plate collectors



### Flat plate collectors:

- Collector panels are constructed using robust steel frames & high quality coatings for best performance in harsh conditions
- Ultrasonically welded tubes & plates for a stronger bond & superior heat transfer properties
- Quality brass fittings ensure leak-free service

**Domestic warranty – 5 Years**



### Evacuated tube collectors:

- Ideal for cold climates & ‘hard water’ conditions
- Vacuum within glass tubes ensure maximum heat retention in all climates
- Ultra-selective coating provides effective and efficient thermal absorption
- Large bore header pipe ensures reliability in hard water conditions

**Domestic warranty – 5 Years**



### Advanced water storage:

- Glass-lined tanks provide superior corrosion resistance in even the harshest water
- High density pressure-injected PU foam for optimum insulation & heat retention
- 3mm thick steel tank provides high tensile strength
- Closed loop systems available for frost and hard water conditions

**Domestic warranty – 5 Years**



### Eternity continuous flow gas water heaters:

- High 6 Star energy rating
- Advanced Japanese design & engineering
- 20 & 26 lpm models
- Frost protection
- Natural Gas or Propane / LPG models

**Domestic warranty – 10 year heat exchanger / 3 years parts & labour**

Model	Water Flow (lpm) @ 25°C temp rise	Ideal for	Energy Star Rating	Dimensions
T20	20	1-2 Bathrooms	6	520H x 350W x 170D (mm)
T26	26	2-3 Bathrooms	6	520H x 350W x 230D (mm)



### Solar controller & pumps:

- Clever solar controller provides reliable management of water heating for most efficient operation
- Solar controller features in-built frost protection for operation in cold climates
- Quality Grundfos circulation pump provides efficient & dependable service (on SmartLine and SplitLine systems only)

**Domestic warranty – 1 Year**



solar & energy solutions

## When choosing a Chromagen solar hot water system, consider the following:

- Is your area subject to frost or is your water 'hard' (high in Calcium). If Yes, consider closed loop systems or systems with evacuated tube collectors
- Do you have gas energy available? If yes, select gas backup. If not, select electric backup
- Which type of installation is most suitable for your home? Roof-mounted or Ground-mounted storage tank?
- Does your available roof space get sufficient sunlight? This will determine the number of collectors you may require

## Why Choose Chromagen?

- International leaders in thermal solar energy systems since 1962
- Chromagen Pty Ltd is Australian owned and operated
- National sales & service network
- Our systems are built tough with the highest quality materials for Australia's harsh conditions
- Tanks & collectors manufactured to ISO 9001 international quality standards & ISO 14001 international environmental standards
- Our highly efficient systems attract some of the highest STCs & rebates available



## Other quality products from Chromagen:

Eternity Continuous Flow Gas Water Heater | Midea Heat Pump Water Heaters | Solar Power Systems

Your local Dealer / Distributor is:



**Chromagen Pty Ltd | [chromagen.com.au](http://chromagen.com.au) | [info@chromagen.com.au](mailto:info@chromagen.com.au) | 1300 367 565**

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