

SplitLine

Solar Hot Water Systems



Chromagen's SplitLine solar hot water systems consist of a ground mounted tank and roof mounted collectors, and have been designed to provide energy efficient water heating and installation flexibility, without compromising the aesthetics of the home.

Harvest the sun's unlimited power

Chromagen's SplitLine systems may include either of two high quality flat plate collectors:

BlackMax solar collectors provide a cost-effective system that perfectly combines performance and economy. These collectors have evolved over many years to become one of the most highly efficient and durable solar thermal collectors available today.

Chromagen's premium **EcoBlue** collectors consist of the latest "Blue Sputter" coating technology, developed in Europe to provide the ultimate thermal absorption properties whilst minimising heat losses, for ultimate efficiency. The advanced EcoBlue collectors allow Chromagen to offer single-panel system options for your convenience.

Reliable hot water on tap

Chromagen SplitLine systems are available with the choice of either gas or electric auxiliary boosting to provide reliable hot water in any weather, and to meet the power requirements of your specific location.

Gas boosted models feature Chromagen's brilliant Eternity continuous flow water heaters, featuring a high 6 Star energy rating to ensure perfect hot water whenever you need it, with low running costs. Electric-booster models feature an in-tank heating element that activates only when the stored water temperature drops below a set point.



Eternity Gas Booster

Improve the energy rating of your home and **SAVE!**

Use the Sun's unlimited **FREE** energy to provide up to **80%** of your hot water heating needs.

Advanced water storage

SplitLine systems feature the world-class Chromagen water storage tank in a variety of sizes such as 200, 300 and 400 litre capacities. Chromagen tanks have evolved from decades of design refinement and feature high quality construction, insulation and coating for a long service life in Australia's harsh conditions.

Chromagen's SplitLine range is available in open loop systems for regular applications, and closed loop configurations suitable for harsh conditions, such as frost prone or hard water areas.

Why choose Chromagen?

- An international leader in thermal solar energy solutions since 1962
- Collectors and storage tanks manufactured to ISO 9001 international quality standards
- Nation-wide sales and service networks
- In-house RECs department
- Committed to quality, innovation & energy efficient solutions
- A one-stop-shop for your green energy solutions
- Other quality Chromagen products include: Thermosiphon solar hot water, Split system solar hot water with evacuated tubes, Air source heat pumps, Continuous flow gas water heaters and Solar electricity systems

Your local Dealer / Distributor is:

Green Engineering Pty Ltd

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System Specifications

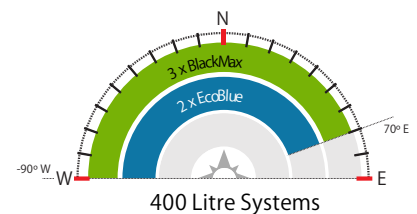
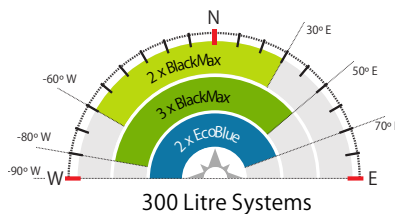
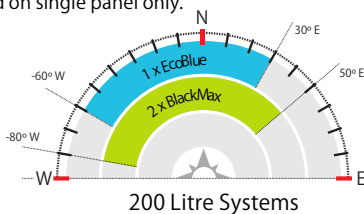
Overall System Specifications					
Description		Tank Sizes (L)			
		200	300	400	
Tank	Height (mm)	1270	1420	1765	
	Diameter (mm)	585	690	650	
	Weight (kg) empty	65	91	126	
	Domestic Warranty	5 Years Storage Tank Cylinder			
Auxiliary Boost Options	Gas	•	•	•	
	Electric 2.3 kW Element	-	•	•	
System Type	Open Loop	•	•	•	
	Closed Loop	•	•	-	

Eternity Gas Booster Specifications		
Model	T20	T26
Rating (l/min @ 25° C rise)	20	26
Energy Star Rating	6	
Thermal Efficiency (%)	80.5	81.7
Weight (kg)	14	17
Height x Width x Depth (mm)	520 x 350 x 170	520 x 350 x 230
Water Inlet Pressure (kPa)	Min:150 Max:1200*	
Gas Connection (mm)	20 BSP	
Water Connection (mm)	15 BSP	
Ignition	Electronic	
Gas Type	Nat Gas / LPG (Propane)	
Power Supply Mains Voltage (VAC)	220-250	
Domestic Warranty	10 Years Heat Exchanger / 3 Years Parts and Labour	

*For stated output the minimum operating pressure is 340kPa

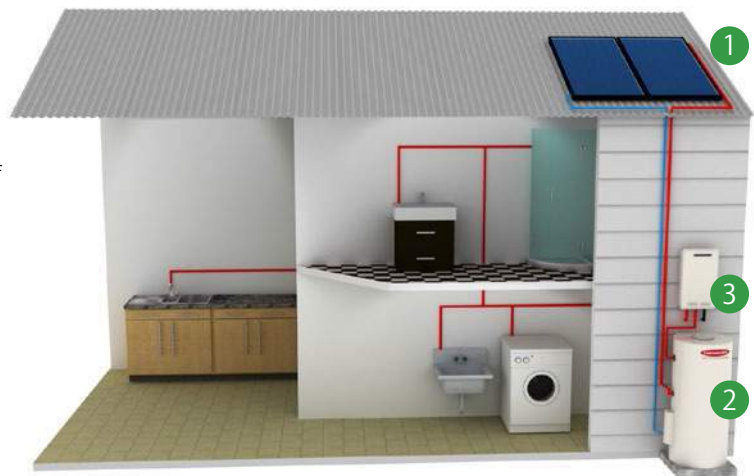
Collector Specifications											
Collector Type	Collector Orientation			Absorber Coating	Width (mm) [^]	Length (mm) [^]	Depth (mm) [^]	Weight (Kg) Empty / Full [^]	Aperture Area (m ²)	Domestic Warranty	
	200 L Tank	300 L Tank	400 L Tank								
EcoBlue CR120SP	1 Collector 30° E to -60° W	2 Collectors 70° E to -90° W	2 Collectors 70° E to -90° W	Blue Sputter	1274	2187	90	52 / 57	2.59	5 Years	
BlackMax CR110BP	2 Collectors 50° E to -80° W	2 Collectors 30° E to -60° W 3 Collectors 50° E to -80° W	3 Collectors 70° E to -90° W	Black Paint	1072	2187	90	37 / 41	2.14	5 Years	

[^] Based on single panel only.



How Solar Hot Water Works

1. Water from the bottom of the tank is pumped through the roof top collectors, and is heated by the sun.
2. The heated water returns to the insulated tank, and is stored for later use.
3. At night (or on especially cold days), the gas or electric booster ensures the water is heated to a usable temperature.



NOTE: An approved tempering valve must be fitted on the hot water outlet from the gas hot water system. WARNING: Do not use plastic pipe between the storage tank and solar collector panels. To do so will have catastrophic consequences. Insulation of copper flow and return lines must be in accordance with AS 3500.4 industry standard. This revision supersedes all previous versions. All details in this document are accurate at time of publishing. Product specifications may change without notice. For the latest product details and specifications, please visit our website - www.chromagen.com.au



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