

SplitLine

Solar Hot Water Systems (With evacuated tube collectors)



Chromagen's **SplitLine** solar hot water systems consist of a ground-mounted tank and roof-mounted collectors. They have been designed to provide energy efficient water heating and installation flexibility.

Harvest the sun's unlimited power

SplitLine systems are supplied with evacuated tube collectors that are designed to efficiently collect the thermal energy from the sun, especially in challenging environments.

Evacuated tube technology utilises a vacuum which allows the collector to effectively retain the thermal energy it has collected, even through the coldest conditions. Evacuated tube collectors also allow high water temperatures to be achieved.

The unique design of evacuated tubes means that they are not subject to freezing and so they are suitable for frost-prone areas. They are also ideal for hard water applications due to the large bore diameter of the single header pipe which reduces the effects of scaling and restriction to water flow.

Reliable hot water on tap

Chromagen **SplitLine** systems are available with either gas or electric boost to provide reliable hot water in any weather, and to meet the power available in your specific location. Gas boost systems feature Chromagen's brilliant Eternity continuous flow water heaters, featuring high 5.8 & 6 Star energy ratings ensuring perfect hot water on demand and low running costs.

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 world-class Chromagen water storage tanks in a variety of sizes from 200 litres to 400 litres. 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. All tanks with evacuated tube systems are supplied in an open loop configuration.

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, air-source heat pumps, continuous flow gas water heaters and solar electricity systems.

Your local Dealer / Distributor is:



SplitLine

System Specifications

Description		Tank Sizes (L)		
		200*	300	400
Tank	Height (mm)	1270 / (SmartLine 1870)	1420	1765
	Diameter (mm)	585 / (SmartLine 600)	690	650
	Weight (kg) empty	65 / (SmartLine 95)	91	126
	Residential Warranty	7 Years		
Evacuated Tube Collectors	20 Tube	•	•	-
	30 Tube	-	•	-
	40 Tube	-	-	•
Boost Options	Gas	•	•	•
	Electric 2.3kW Element	-	•	•

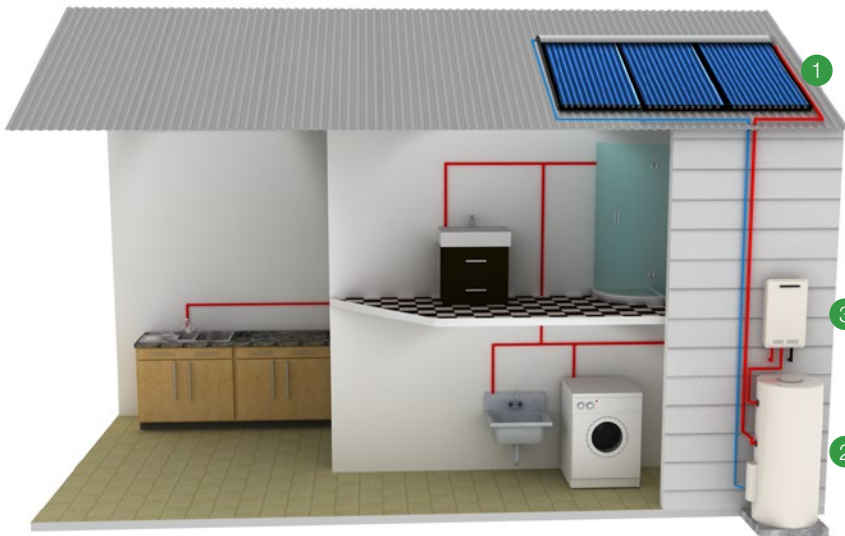
* Available in **SmartLine** configuration with integrated Eternity gas booster

Eternity Gas Booster Specifications		
Model	T20	T26
Rating (l/min @ 25°C rise)	20	26
Energy Star Rating	6	5.8
Thermal Efficiency (%)	80.5	79.6
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	
Residential Warranty	10 Years Heat Exchanger 3 Years Parts and Labour	

**For stated output the minimum operating pressure is 340kPa

Collectors Specifications	Width (mm) ^	Length (mm)	Depth (mm)	Weight Empty (Kg)	Aperture Area (m ²)	Residential Warranty
SkyLine SR20	2040	2020	155	79	1.88	7 Years
SkyLine SR30	3085	2020	155	119	2.82	
SkyLine SR40	4130	2020	155	158	3.76	

^ Width dimension excludes connecting sockets.



Gas Boosted Models	Tubes	Azimuth Range	
		Zone 3	Zone 4
920SR20T20P	20	70 W to 50 W	90 W to 70 E
930SR20T20P	20	70 W to 50 W	90 W to 70 E
930SR30T20P	30	70 W to 50 W	70 W to 65 W
940SR40T20P	40	90 W to 80 W	70 W to 50 W
Electric Boosted Models			
930SR30	30	70 W to 50 W	70 W to 50 W
940SR40	40	70 W to 58 W	70 W to 50 W

How Solar Hot Water Works

1. Cold water is pumped through the collectors, and is heated by the sun.
2. The heated water returns to the tank, and is stored for later use.
3. At night (or on especially cold days), the gas or electric booster makes sure 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. Specifications are subject to change without notice. Images are for illustrative purposes only. For more technical information on system components, please refer to our product datasheets. Please refer to the website for the latest information.

