RoofLine
Solar Hot Water Systems

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.

Chromagen's RoofLine solar hot water heaters are traditional close-coupled thermosiphon systems, combining roof mounted solar collectors and storage tanks, which are ideal for applications that are short of available ground space. RoofLine systems are highly efficient and use natural thermal convection to circulate hot water from the collectors to the tank without the need for electric pumps.

Harvest the sun's unlimited power

Chromagen's RoofLine 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 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 high energy efficiency. The advanced EcoBlue collectors allow Chromagen to offer single-panel system options for your convenience.

Reliable hot water on tap

Chromagen RoofLine split systems are available with either a gas or electric auxiliary boost to provide reliable hot water in any weather, and to meet the power requirements of your specific location.
Gas boost systems feature Chromagen's brilliant Eternity continuous flow water heaters, featuring high 5.8 & 6 Star energy ratings to ensure perfect hot water whenever you need it, with low running costs.

Advanced water storage

RoofLine systems feature world class Chromagen water storage tank in 200 and 300 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 RoofLine range is available in open loop systems for regular applications, and closed loop configurations suitable for harsh areas that are prone to frost or hard water.

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:
  Split system solar hot water, Air source heat pumps, Continuous flow gas water heaters and Solar electricity

Your local Dealer / Distributor is:

CHROMAGEN
Est. 1962
solar & energy solutions

1300 367 565
chromagen.com.au

RoofLine
System Specifications

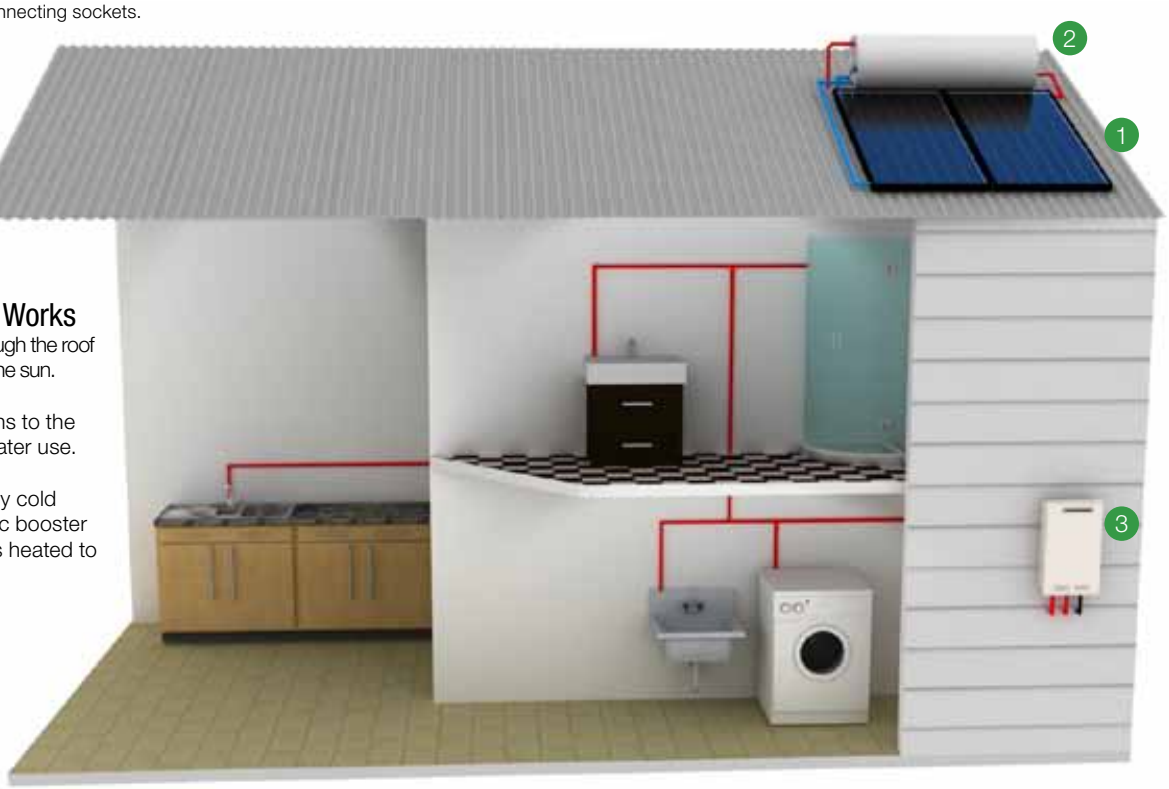
Description				Tank Sizes (L) 200	300	300 CL
System Dimensions	System Length; Tank + Collector (mm)			2772	2772	2773
	Width (Tank only) (mm)			1270	1809	1814
	Diameter (Tank only) (mm)			585	585	586
	Weight (Tank only) (kg) empty			65	97	130
	Domestic Warranty				7 Years	
Collectors	EcoBlue	CR120SP	1	•	•	-
		CR120SP	2	-	•	•
	BlackMax	CR110BP	2	-	•	•
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	5.8
Thermal Efficiency (%)	78.4	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	
Domestic 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)	Weight Full (Kg)	Aperture Area (m^2)	Domestic Warranty
EcoBlue	CR120SP	1274	2187	90	43	47.2	2.59	7 Years
BlackMax	CR110BP	1072	2187	90	37	40.6	2.14	

** Width dimension excludes connecting sockets.



How Solar Hot Water Works

1. Cold water circulates through the roof panels, 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.

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