

# SmartLine

## Solar Water Heaters



The SmartLine 200 litre gas-boosted solar water heater is the clever solution for environmentally-friendly water heating in your home that has been developed with the needs of the builder and plumber in mind.

This unique configuration of split system, has a compact footprint and aesthetically pleasing design. It consists of a cleverly integrated tank and a 6 Star gas booster plus a pre-fitted pump station for faster and simpler installation. The top-mounted gas booster allows a narrow side profile and fits neatly beneath eaves, which is great for overcoming space restraints.

With SmartLine, no assembly is required on site. Just plug and plumb..the rest is done! Time is money and the SmartLine saves you time in installation so you can be more productive in a day.

### Harvest the sun's unlimited power

SmartLine split systems may include either of two high quality and highly efficient flat plate thermal collectors, depending on the orientation of the roof.

Dual-panel systems feature BlackMax thermal collectors which are designed to combine performance and economy. They have evolved over decades to become one of the most highly efficient and durable collectors available today.

Single-panel SmartLine systems feature Chromagen's premium EcoBlue collectors. These consist of the latest "Blue Sputter" absorber coating technology, engineered in Europe, which provides the ultimate thermal absorption properties, whilst minimising heat losses, for amazing, class-leading efficiency.

### Reliable hot water on tap

Regardless of the weather, you are assured of never ending steaming hot water 24/7, with a Chromagen SmartLine gas boosted Solar Water Heater.

**Use the Sun's unlimited FREE energy to provide up to 90% of your hot water heating needs in a clever, compact system with no-fuss installation.**

They feature Chromagen's highly efficient Eternity continuous flow gas water heaters with a 6 Star energy rating, to ensure perfect hot water on demand, with low running costs.

### Advanced water storage

SmartLine systems feature the world-class Chromagen open loop water storage tank with a compact 200 litre tank. Chromagen tanks have evolved from decades of design refinement and feature high quality construction, insulation and vitreous enamel cylinder coating for a long service life in Australia's harsh conditions.

### Why Choose Chromagen?

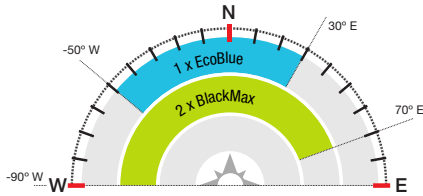
- An international leader in thermal solar energy solutions since 1962
- Collectors and storage tanks manufactured to ISO 9001 international quality standards
- Nation-wide sales and service networks
- In-house RECs administration department
- A one-stop-shop for your green energy solutions
- Committed to quality, innovation & energy efficient 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:**



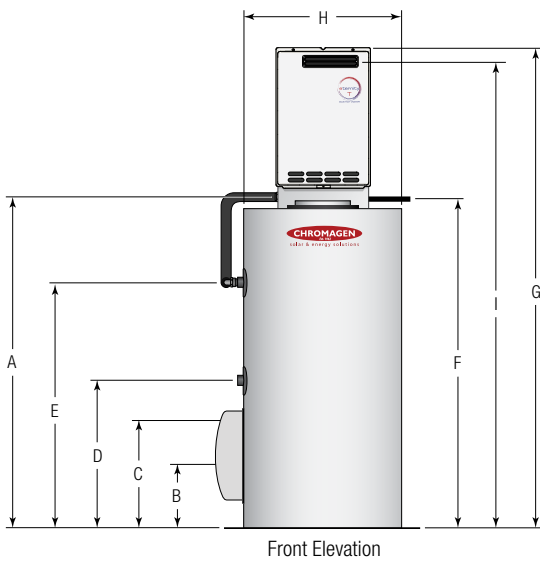
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## System Specifications



Depicts orientation required to achieve a 6 star energy efficient home

Collector Specifications								
Collector Type	No. of Collectors	Collector Orientation	Absorber Coating	Width (mm)	Length (mm)	Weight (Kg) Empty / Full	Domestic Warranty	Loading
EcoBlue CR120SP	1	30°E to -50°W	Blue Sputter	1274	2187	52 / 57	5 Years	2 (For 3-4 bedrooms)
BlackMax CR110BP	2	70°E to -90°W	Black Paint	2214	2187	74 / 81	5 Years	3 (For 4+ bedrooms)

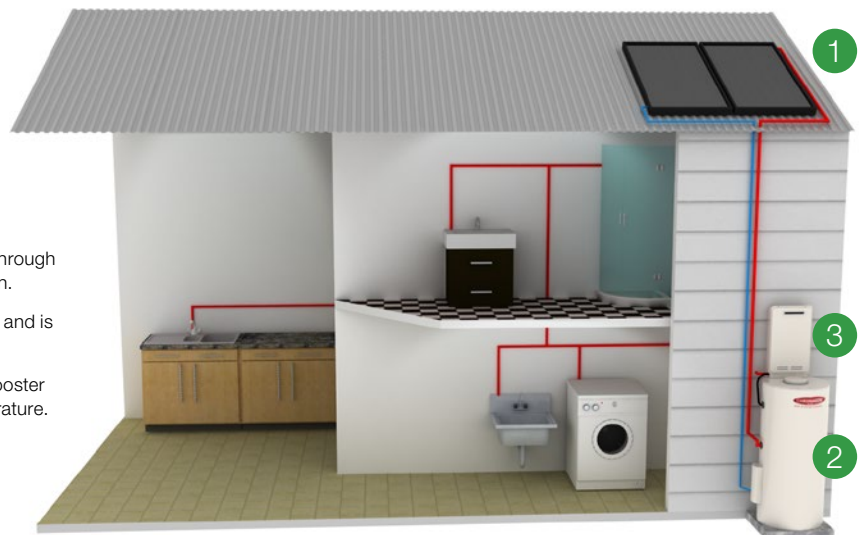


Overall Tank/Booster Specifications	
Tank Size (L)	200
Hot water outlet (A) (mm)	1260
Cold water inlet (B) (mm)	100
Collector cold flow (C) (mm)	460
Collector hot return (D) (mm)	620
PTR Valve (E) (mm)	950
20mm Gas line (F) (mm)	1255
Height (G) (mm)	1870
Width (H) (mm)	600
Depth (mm)	600
Flue Terminal (I) (mm)	1810
Weight Empty (kg)	95
Domestic Warranty	5 Years Storage Tank Cylinder

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
Nominal Gas Consumption (MJ/h)	160	193
Weight (kg)	14	17
Water Inlet Pressure (kPa)	Min:200 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	

### 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 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](http://www.chromagen.com.au)

