

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-boosted 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:



SplitLine

System Specifications

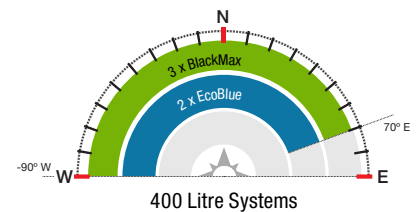
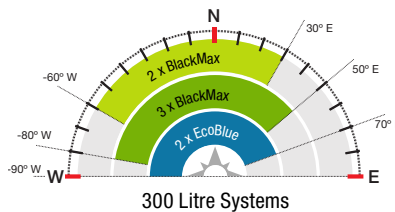
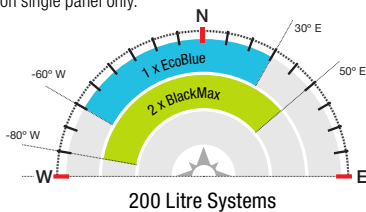
| Overall System Specifications | | | | |
|-------------------------------|-------------------------|-------------------------------|------|------|
| Description | | Tank Sizes (L) | | |
| | | 200 | 300 | 400 |
| Tank | Height (mm) | 1270 | 1420 | 1765 |
| | Diameter (mm) | 585 | 690 | 650 |
| | Weight (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 (m²) | 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

