

CHROMAGEN PUMPED SOLAR HOT WATER SYSTEMS



The **Chromagen Pumped Solar Hot Water Systems** provide unlimited free energy for 75% of your annual hot water needs.

Our systems are EECA Accredited and are eligible for the \$1000 Government subsidy.

Refer to www.solarsmart.co.nz

Ultimate Performance and Quality

Our range of Solar Hot Water Systems are highly efficient, attracting Government subsidies, and are designed to encourage New Zealanders to utilise our abundant solar energy resource.

Chromagen warranties of up to seven years are testament to the quality of the products we manufacture. The durability of the system components combined with ultimate efficiency result in solar systems with short pay back periods and many years of investment return.



Chromagen – Global Leaders

Chromagen is a global leader in the solar hot water industry. Founded in 1962, we have designed and manufactured a method of solar energy absorption, transfer and storage so advanced and effective that we can boast of having over one million satisfied customers in over 40 countries around the world.

AS/NZS 2712 Compliance

All systems comply with the requirements of AS/NZS 2712

SOLAR SYSTEM CONFIGURATIONS

Type	Tank Size	Solar Collector Size*	System Reference	
			ECO RANGE	PREMIUM RANGE
Small Household	150 Litre	1 x 2.2 sqm	ECO1522	PRM1522
Average Household	200 Litre	2 x 1.5 sqm	ECO2030	PRM2030
Large Household	300 Litre	2 x 2.2 sqm	ECO3044	PRM3044

*note: solar collector area may need to be adjusted to ensure optimum performance.

Aesthetically Pleasing Design - No Tank on Roof

The *Pumped Solar Hot Water System* design allows flexibility in the location of the solar hot water tank (inside or outside your home). A small (less than 100watt) pump circulates the solar heat energy from the solar collectors to the hot water tank using minimal power optimising the overall efficiency of the system.

SOLAR SYSTEM CONFIGURATIONS

Model	Length	Width	Weight	Net Absorber Area
CR90	1820	930	35	1.5
CR100	1900	1090	42	1.9
CR110	2190	1090	48	2.2
CR120	2190	1290	59	2.6

Performance Options

- Eco Range– selective paint absorber coating with black galvanised steel outer casing.
- Premium Range – black chrome absorber coating with anodised T5 marine grade aluminium outer casing.

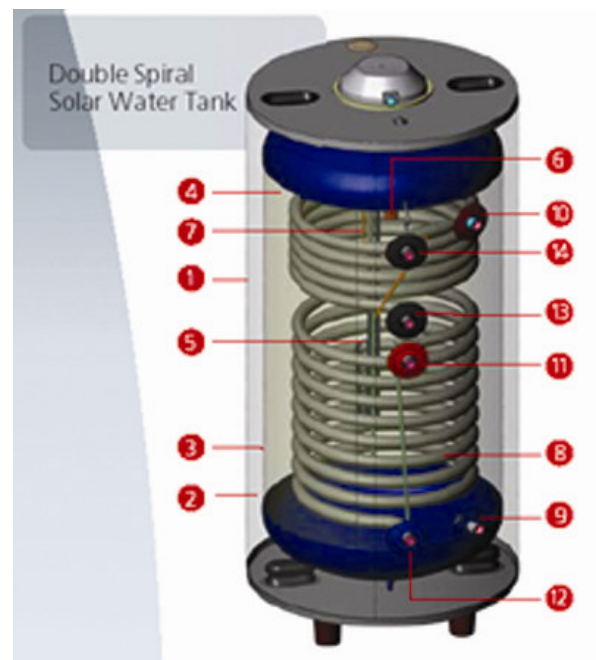
SOLAR TANKS

Chromagen's wide selection of tanks is environmentally friendly and energy efficient.

Available in a range of sizes from 150 to 300 litres. The horizontal or vertical orientation options enable flexible installation to fit customers' changing needs.

The tank is a part of Domestic Hot Water System.

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|---------------------|-----------------------------|
| 1 External Coating | 9 Spiral Heat Exchanger |
| 2 Insulation | 10 Cold Water Inlet |
| 3 Storage Tank | 11 Hot Water to User |
| 4 Enamel Coating | 12 Heat Exchanger Inlet |
| 5 Electric Element | 13 Heat Exchanger Outlet |
| 6 Sacrificial Anode | 14 Auxiliary Heating Outlet |
| 7 Thermostat | 15 Auxiliary Heating Inlet |



Capacity (l) single spiral tank	A (mm)	B (mm)	C (mm)	Weight (kg)*	Electric Element (watt)
150	1020	950	585	68	3600w
200	1280	1210	585	75	3600w
300	1420	1360	650	117	3600w
Capacity (l) double spiral tank	A (mm)	B (mm)	C (mm)	Weight (kg)*	Electric Element (watt)
200	1280	1210	585	90	3600w
300	1420	1360	650	145	3600w