

Chromagen

Hot Water Storage Tanks

Product Specifications



Chromagen's thermal tanks are specifically designed for the efficient storage of solar-heated water in residential and commercial applications. Our world-class thermal storage tanks are the result of decades of design evolution. This has resulted in a product with state-of-the-art engineering, rugged construction and carefully selected materials, providing the ultimate in thermal insulation and high corrosion resistance, and a long service life in Australia's harsh conditions.

Special Features:

- Configured for roof top and ground mounted installations
- Available in common sizes to suit residential & commercial applications
- Ideal for solar and modular commercial applications
- 3mm thick steel tank for high tensile strength
- Vitreous (glass) enamel tank lining provides resistance to even the harshest water
- Insulated with pressure injected polyurethane foam for optimum heat retention
- 300 & 400L tanks available with 3/4" or 1 1/4" plumbing outlets

Material Specifications		
1	Sacrificial anode	Built-in anti-corrosion protection
2	Built in thermostat	Ensures that water inside the tank does not exceed a pre-set temperature (Electric Only)
3	External coating	Baked polyester coated galvanized steel
4	Insulation	Thick polyurethane layer
5	Storage tank	Mild steel
6	Internal coating	Vitreous enamel layer
7	Electric element	Energy efficient electric element to provide fast heating of stored water to ensure consistent hot water supply. (Electric only)

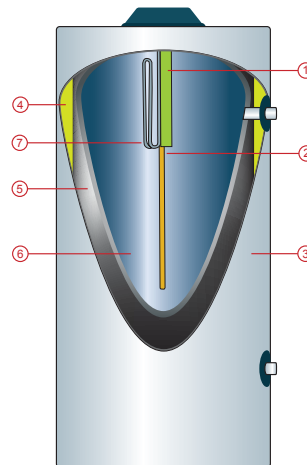
Tanks for - Open loop solar systems

Chromagen's open loop tanks are designed for the storage and heating of good quality water in temperate climates. In an open loop system potable water is allowed contact with the inside of the storage tank and collector tubes, and so are not ideal for hard water conditions. Stored

cold water in the tank is passed through solar collectors, where it is heated before returning to the top of the storage tank. Electrically-boosted solar systems include an integrated heating element.

Tanks for - Closed loop solar systems

Chromagen's closed loop tanks are designed to cope with freezing water and hard water conditions. They employ a heat exchanger either within, or surrounding the storage tank (jacketed). Heat exchange fluid comprising a mixture of water and food grade glycol is passed through the solar collectors and the stored water is heated when the fluid passes through the heat exchanger. This fluid does not come into direct contact with the water source.



Physical Dimensions and Characteristics						
	Horizontal			Vertical		
	200	300		200	300	400
Storage capacity (L)		Short	Long / Jacketed			
Diameter	585	651	585	585	651	650
Length /Height	1241	1433	1809	1241	1434 [#]	1765
Cold water inlet	162	174	162	281	261	271
Sensor point	-	-	-	281	261	450
Hot outlet	468	565	468	939	1051	1466
Collector cold flow	162	174	162	281	261	271
Collector return	162	174	162	611	620	630
Open loop dry weight	65	91	97	65	91	126
Closed loop dry weight (**With jacketed tank)	-	-	130**	93	133	-
With 2.3 kW electric immersion element	-	•	•	-	•	•

[#]Height based on electric model.

Specifications are subject to change without notice.

1300 367 565
chromagen.com.au

