

# WATER HEATERS

The Right Choice



## The Right Choice

EVERY HOUR, EVERY DAY

Chromagen is a leading global company that develops, manufactures and sells advanced hot water, energy-saving solutions which promote environmental sustainability.

Founded in 1962 in Israel, the company has invested the last years in bringing innovation, quality and cost-saving solutions to a diverse range of projects worldwide – including single homes, multi-story apartment buildings, hotels, hospitals, industrial plants, and other commercial projects.

Since its establishment, Chromagen has continuously expanded and established two subsidiaries in Australia and Spain, as well as a solid network of distributors who help serve customers in over 40 countries worldwide. Today, Chromagen is recognized as a pioneer of hot water energy saving solutions and is positioned as one of the top 10 largest flat plate collector manufacturers in the world.



Reliability



Expertise



Efficiency



Quality

The right choice  [chromagen.com](http://chromagen.com)

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**Chromagen**<sup>TM</sup>  
Hot Water Solutions

# Water Heaters

Chromagen is a leading international manufacturer of solar and electric water heaters, combining the most advanced technology and traditional heating methods. Our products incorporate state of the art engineering, rugged construction using select materials, resulting in efficient and durable products.



**1 | External Coating**  
Polyester coating provides extreme durability and an attractive finish.

**2 | Insulation**  
A thick polyurethane insulation layer ensures optimal insulation and heat retention.

**3 | Storage Tank**  
Constructed with thick steel, automatically welded, ensuring precision and permitting a working pressure of 8 bar.

**4 | Enamel Coating**  
An internal glass-enamel layer protects against corrosion.

**5 | Electric Element**  
Energy efficient electric element with rapid heating time enables the provision of hot water 24 hours a day, 365 days a year.

**6 | Sacrificial Anode**  
Magnesium Anode provides anti-corrosion protection to the pressure vessel.

**7 | Thermostat**  
A built-in thermostat ensures that the water temperature inside the tank does not exceed a preset temperature, while using the electric heating element.

**8 | Double Jacket Heat Exchanger**

**9 | Cold Water Inlet**

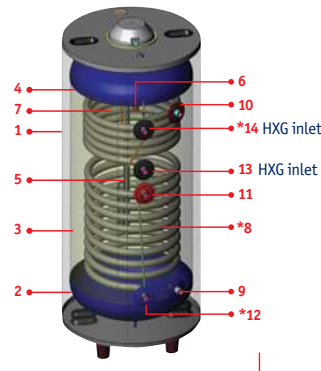
**10 | Hot Water to User**

**11 | Heat Exchanger Inlet**

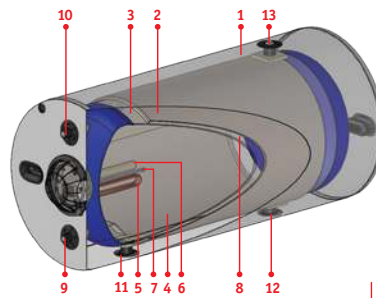
**12 | Heat Exchanger Outlet**

**13 | Heat Exchanger Safety Valve**

**14 | \*Auxiliary Heating Inlet**



Double Spiral Solar Water Tank  
\*specific for this tank only

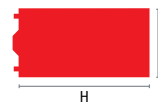


300L horizontal storage tank Double jacket heat exchanger Aluminium external envelope

## Chromagen's Tanks:

	Capacity (l)	Dimensions (HxD) (mm)	Weight (kg)	Electric Element (KW)
Solar Tanks	80	650x560	37	2.5/ None
	120	860x560	46	
	150	1020x560	53	
	200	1270x560	65	
Solar & Electric Tanks with Double Jacket Heat Exchanger	300	1430x650	91	2.5/ 3 /3.6 /None
	100	1075x477	71	2/2.5/ None
	120	1250x477	74	
	150	1020x585	75	
	200	1270x585	93	
	300	1430x690	133	

	Capacity (l)	Dimensions (HxD) (mm)	Weight (kg)	Electric Element (KW)	
Solar & Electric Tanks with Spiral Heat Exchanger	Single Spiral Tank				
	120	860x560	74	2.5/ None	
		1250x477	78		
	150	1020x560	75		
		1480x477	73		
	200	1280x560	90		
		1280x585	90		
	300	1430x650	133		2.5/3 /3.6 /None
	Double Spiral Tank				
	200	1280x585	108		2.5 / None
		300	1430x650		
	Electric Tanks	30	670x360		23
45		850x360	29		
60		740x477	31		
80		930x477	40		
120		860x565	46		
120		1260x477	50		
150		1020x585	65		
200		1280x585	91		
300		1430x650	100		



(\*) Storage tanks weight refers to painted galvanized envelope and common heat exchanger size. Tanks weight might change due to envelope type change or heat exchanger size change upon request.

- Tanks for horizontal or vertical mounting are available. All tanks are tested at a pressure of 12 bar, with a permitted working pressure of up to 8 bar.
- Due to on-going developments, specifications are subject to changes without early notice.