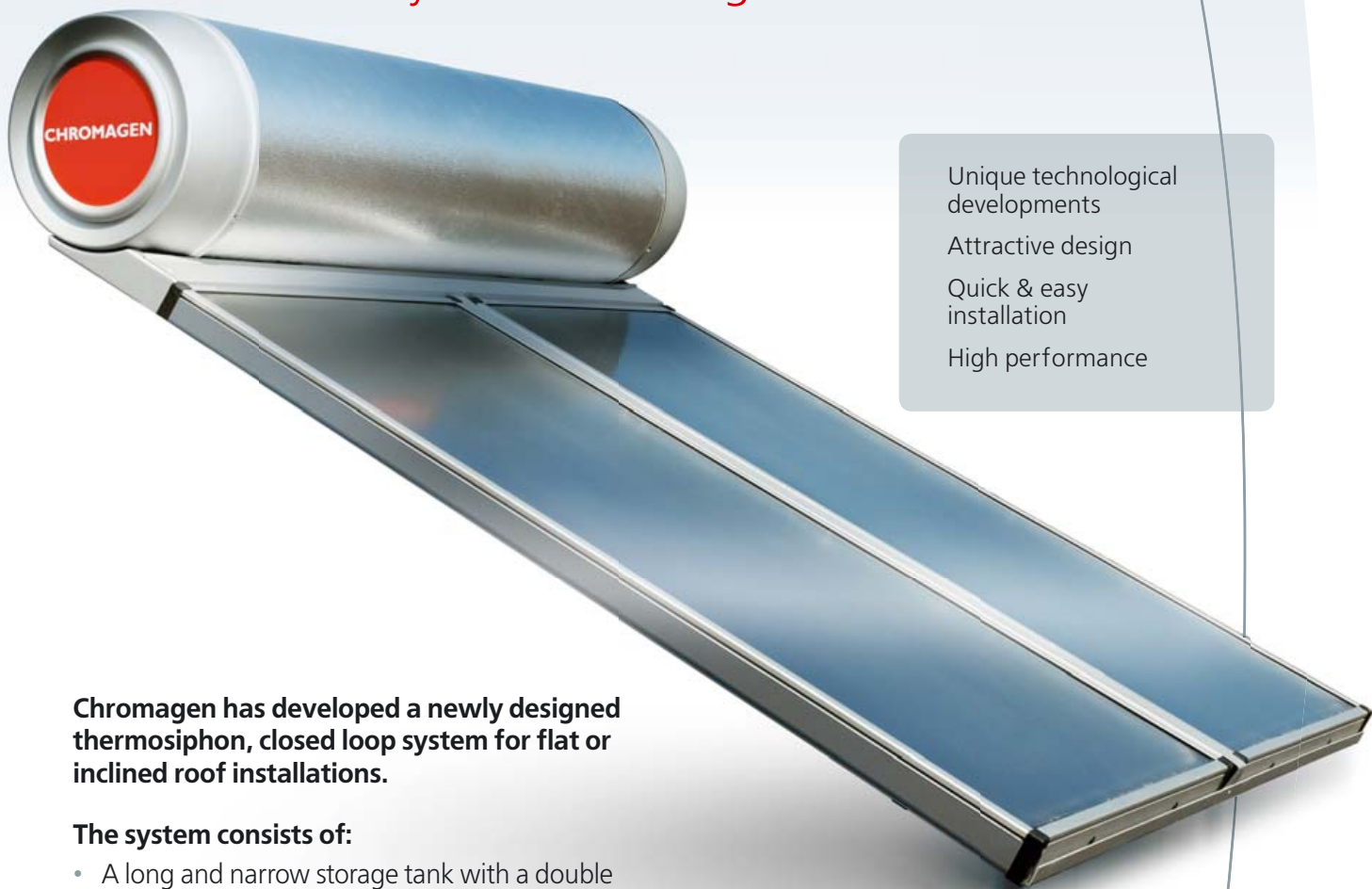


Chromagen Presents:

CHROMAGEN 300

A new thermosiphon solar system featuring



Unique technological developments
Attractive design
Quick & easy installation
High performance

Chromagen has developed a newly designed thermosiphon, closed loop system for flat or inclined roof installations.

The system consists of:

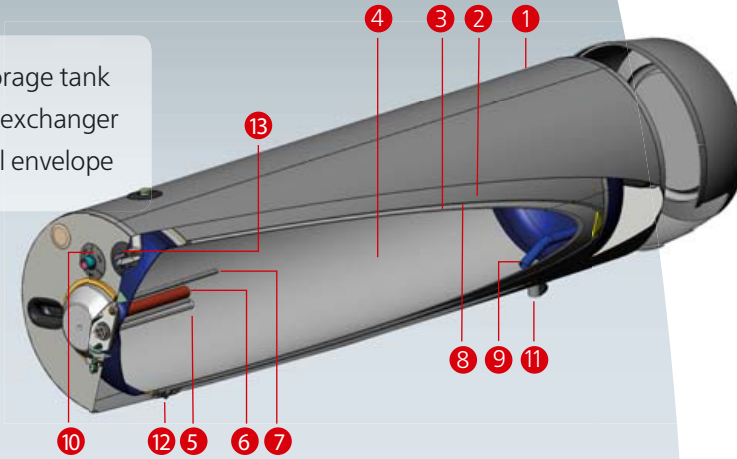
- A long and narrow storage tank with a double jacket heat exchanger
- Two flat plate collectors with a solar selective absorber
- Flexible stainless steel insulated piping and quick fittings for easy and rapid installation

The system is assembled on a modular, corrosion protected steel rack.

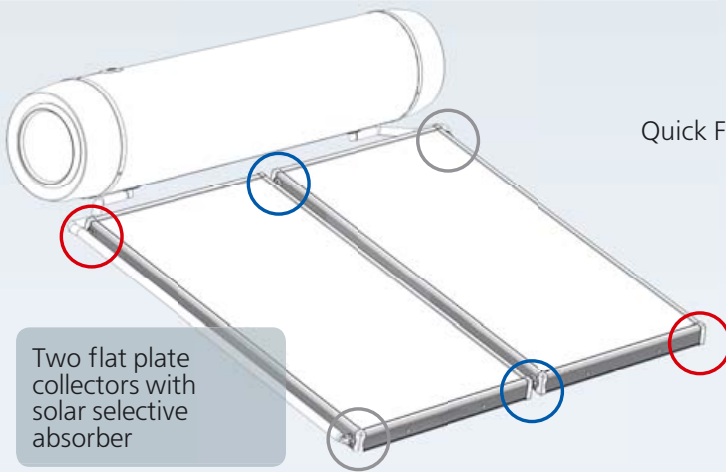
Unique metal and plastic covers give the system a perfect uniform appearance.



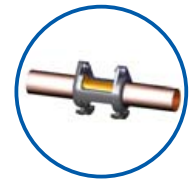
300L horizontal storage tank
 Double jacket heat exchanger
 Aluminium external envelope



- 1 External Coating
- 2 Insulation
- 3 Storage Tank
- 4 Enamel Coating
- 5 Electric Element
- 6 Sacrificial Anode
- 7 Thermostat
- 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



Quick Fittings



Two flat plate collectors with solar selective absorber

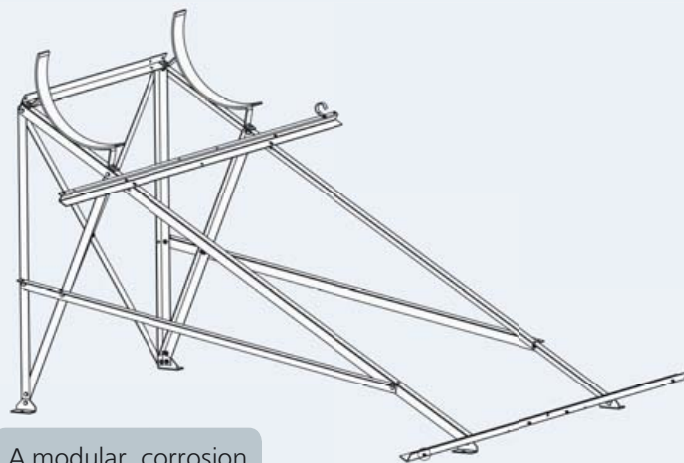
Technical Specifications

300L Storage Tank with Double Jacket Heat Exchanger

Water capacity [liter]	300
Heat exchanger fluid capacity [liter]	21
Net length [cm]	190
Length with covers [cm]	227
Diameter [cm]	56
Weight (Empty) [kg]	120
Electric heating element [watt]	2500

Collector Model CR-100 Aluminium Casing x 2

Risers diameter [mm]	8
Gross area [m ²]	2.05
Net aperture area [m ²]	1.85
Length [cm]	190
Width [cm]	108
Thickness [cm]	9
Weight (Empty) [kg]	31
Fluid capacity [liter]	1.2
Max operation pressure [bar]	10
Test pressure [bar]	12



A modular, corrosion protected steel rack