

Specifications



Overall Dimensions	Model		
	SM 30	SM 60	SM 300L
Total Capacity	30 Gallons 136 liters	60 Gallons 272 liters	66 Gallons 300 liters
Overall Length	1300 mm	2600 mm	2900 mm
Overall Width	2110 mm	2110 mm	2110 mm
Overall Height	460 mm	460 mm	460 mm
Weight Empty (Tank & Collector)	51 kg	105 kg	108 kg
Weight Full Total (Tank & Collector)	189 kg	380 kg	410 kg
Normal Working Pressure	500 kPa (5 kg/cm ²)	500 kPa (5 kg/cm ²)	500 kPa (5 kg/cm ²)
Relief Valve Settings	700 kPa (7 kg/cm ²)	700 kPa (7 kg/cm ²)	750 kPa (7 kg/cm ²)
Overall Test Pressure	1500 kPa (15 kg/cm ²)	1500 kPa (15 kg/cm ²)	1500 kPa (15 kg/cm ²)
Storage Tank			
Outer Cylinder Case Material	0.7 Stucco Aluminum		
Tank Insulation	12 kg High Density Pressure Injected CFC Polyurethane Foam (France)		
Tank Cylinder Material	1.2mm stainless steel (Japan) AISI gr.304		
Electric Booster Element	Reco-Italy (Thermostat)		
Pressure and Temperature Relief Valve	RMC™ HT55 700kPa@99°C		
Collector			
Length	1677mm		
Width	1192 mm		
Height	77.5 mm		
Absorber Plate Design	Fin tube Aluminium		
Absorber Plate Material	Aluminium		
Absorber Plate Thickness	0.5mm		
Nett Absorber Area (Single)	2 sq.m		
Absorber Plate Coating	Black Chromatt		
No. Of Riser Tube	9 pcs		
Riser Tube Material Thickness	0.7mm x 12.7mm Copper		
Maniflow Tube Material Thickness	0.9mm x 22 mm x Copper		
Riser Plate Spacing	128mm		
Riser Joint Type	Bronze Brazed		
Leak Test Pressure	1,000 kPa (10 kg/cm ²)		
Collector Casing			
Material	Aluminium Extrusion Anodised Black		
Thickness	1.0 mm		
Vent Holes	4		
Trim Depth	8 mm		
Material of Base Aluminium	0.5 mm		
Collector Insulation			
Thickness	28 mm		
Sheet Size	1170 mm x 1677 mm		
Material	Aluminium Polyester Woven Foil With High Density Polyester Foam		
Peneltex Glass			
Thickness	4mm Tempered Glass		
Single Sheet Size	1170 mm x 1677 mm		



* Terreal reserves the right to change all specification of the products and their accessories without prior notice.



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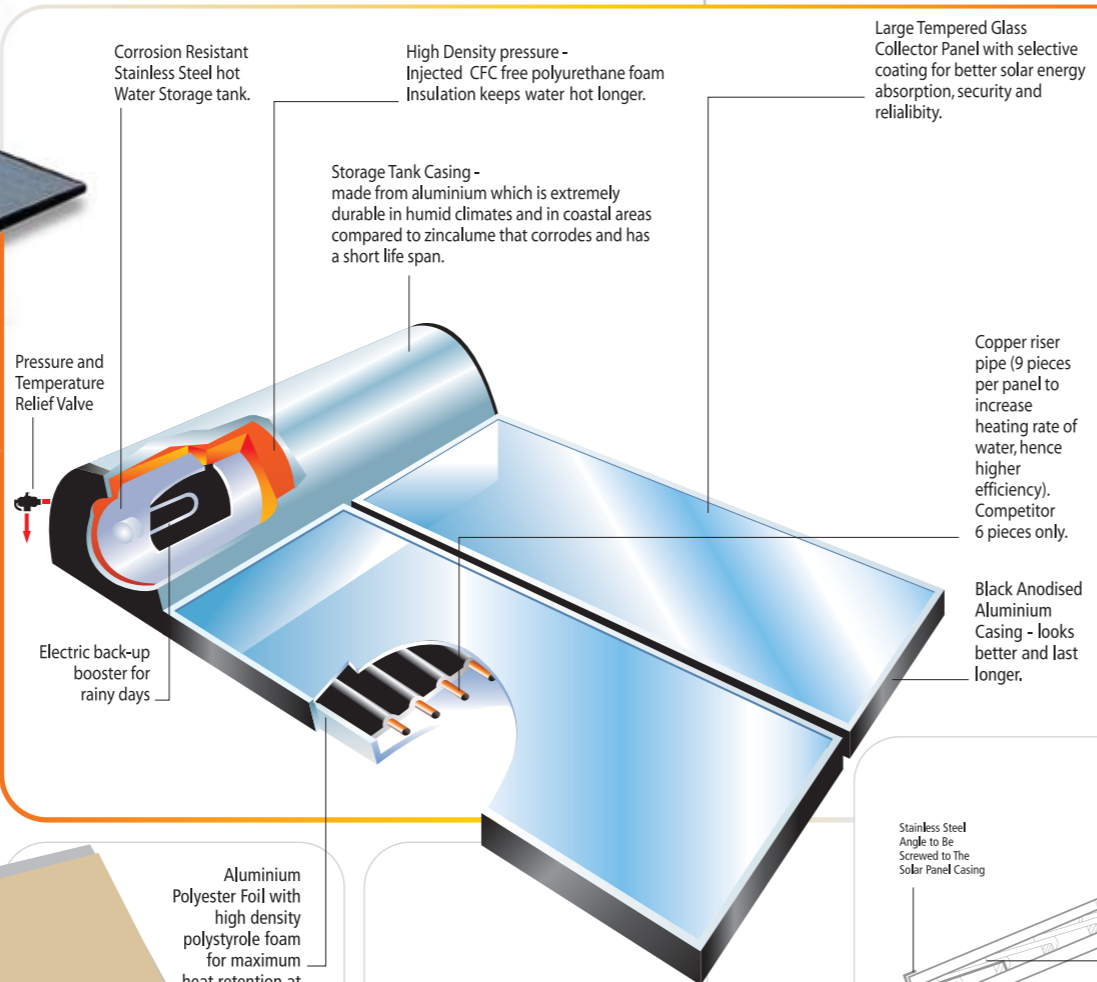


Reliability



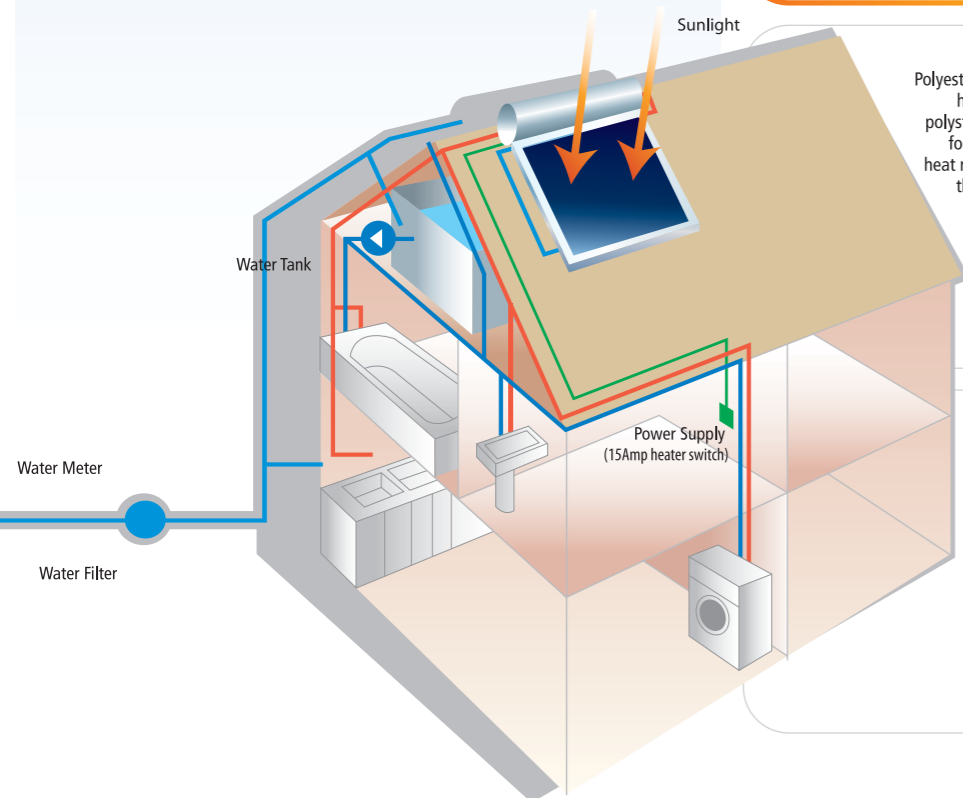
CLAY ROOF TILES & WALL CLADDING
TERREAL SolarMax™

With over 20 years of experience in solar technology, SolarMax commands a team of professionals dedicated to providing only the best solar hot water system. Be it design, durability, high performance, cost effectiveness or customer satisfaction, SolarMax will be the most trusted choice.



PIPING SYSTEM

- **Blue Line**
Existing cold water piping systems in the house
- **Red Line**
Hot water outlet to be designed part in the house



Benefits



CLAY ROOF TILES & WALL CLADDING
TERREAL SolarMax™

SolarMax the gift of nature for you and your family.

Imagine a solar hot water system that requires no gas/electricity bills, conserves hot water up to 72 hours and totally reliable, economical plus environmentally friendly. Perfect! And it is absolutely trouble-free, leakage-free and needs minimal maintenance (12 years international warranty), with package supply and instal. One of the most outstanding warranty found in market!

Hot water available in every corner of your home Day and Night

One system to satisfy all your hot water needs. No more queue or wait!



Safe For Us And The Environment

Overall hazard-free and helps preserving the environment.



Energy Savings

Saves gas and electricity usage when boiling water, washing clothes or cooking soups.



Healthier and Cleaner lifestyle

Tired after a day at work? Sooth yourself in a warm tub for a moment of spiritual and mental relaxation. It helps to revitalize blood circulation and preserve healthier skin complexion.



Backup Booster

SolarMax has incorporated a back-up booster for rainy days or during festive seasons when you need more hot water than usual. Just turn on the switch for 30-45 minutes, it is thermostat controlled.



Trouble Free System

SolarMax is build to last and corrosion resistant. It has no pump, electrical sensors or moving parts to break down. Thus, minimal maintenance is required.



Cleaner and easier dish washing chores

Cleans dishes effectively, discards oil stains and odours.

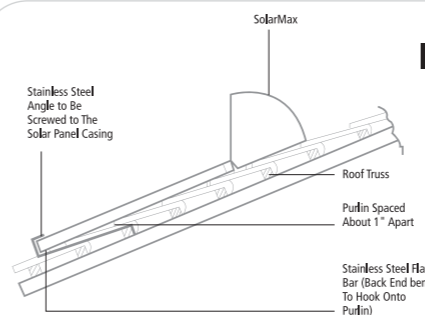


Durability

*12 years International warranty



Installation Onto Roof



Conceal Tank Installation



Note : SolarMax should lie along the North-South axis, facing South-East to receive maximum solar radiation.

*Backup electric booster with 1 year warranty