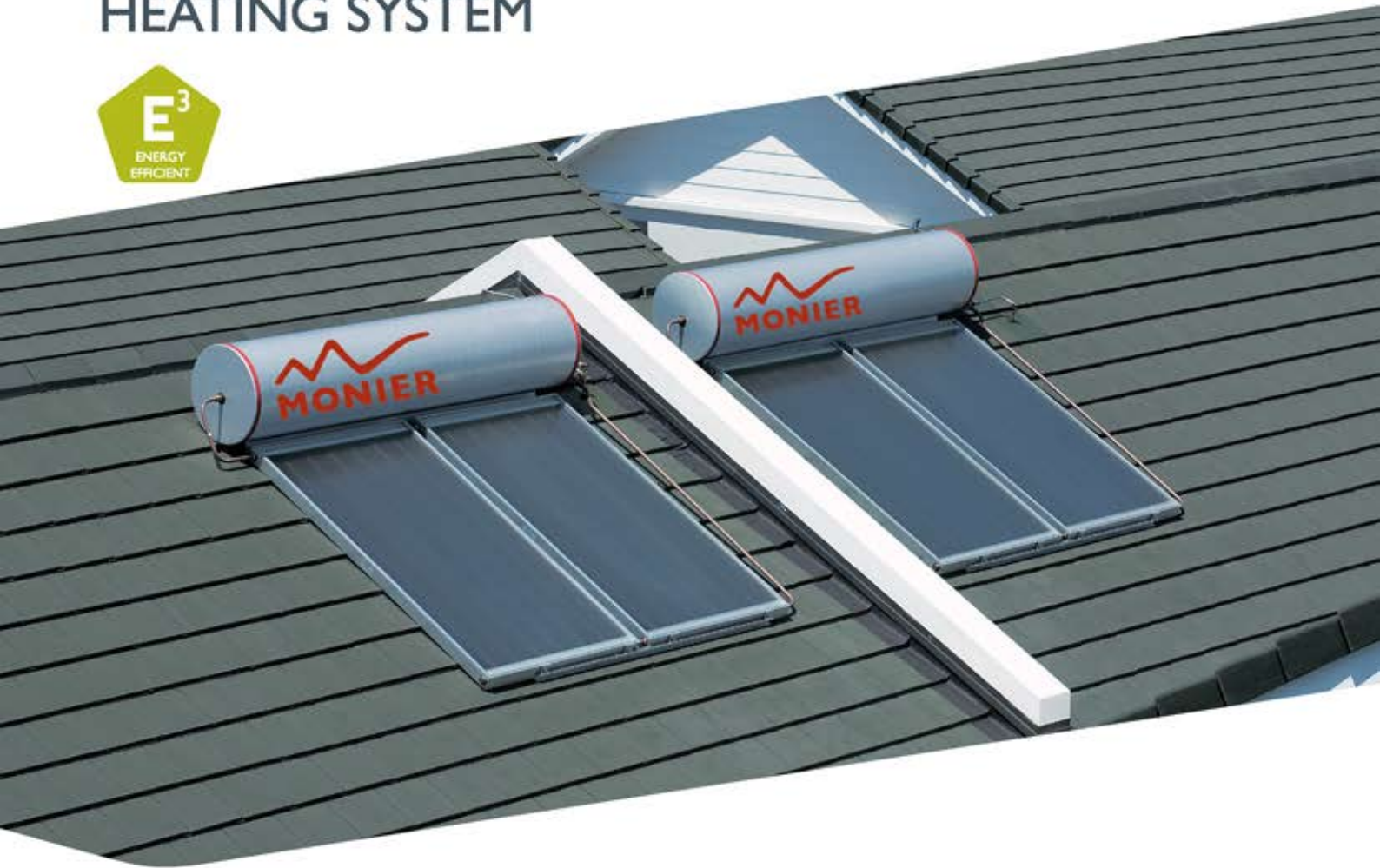




# ADVANCED SOLAR WATER HEATING SYSTEM



## CAPTURING THE SOLAR ENERGY WITH ENERGY EFFICIENT ROOFING SOLUTIONS

As part of MONIER's Energy Efficient Roofing Solutions, MONIER Solar Water Heating System is an energy-saving, safe and high performance system that taps on the abundant natural resources of the sun to fulfill your water heating needs in a clean, environmentally friendly manner with zero impact on the eco-system. In addition to saving on your traditional water heating energy consumption, you also protect the environment by using free energy in a more efficient way.

Our Solar Water Heating System can easily be incorporated and is in compliance with all MONIER Roof Systems. You can maximise your cost savings by creating an energy efficient roof with our CoolRoof® System for cool comfort and Toplight® to brighten your home with natural sunlight.



**BETTER SAVINGS**  
Enjoy ZERO electricity consumption and maximise your cost savings.



**ENERGY SAVING**  
Minimises the use of electricity by maximising the use of natural resources of the sun.



**ENVIRONMENTAL-FRIENDLY**  
Minimises impact on the environment through efficient and eco-friendly use of energy.



**SAFE**  
Eliminates potential electrical hazards.



**COMFORTABLE**  
Provides the comfort of a warm shower during rainy days or cold mornings.



**CONVENIENT**  
Designed to give you optimum convenience by providing immediate hot water at all times.

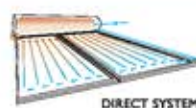
MORE POWER TO YOUR ROOF



**EXTRA FAST HEATING**  
**EXTRA STRENGTH**



**TEMPERED GLASS**  
**ZINC ALUMINIUM ALLOY STEEL Outer Coating**  
**TOP QUALITY FITTINGS**  
**10 YEARS Warranty**



DIRECT SYSTEM



INDIRECT SYSTEM

MONIER's Premium range of Solar Water Heating System is designed with a technically superior indirect heating system and is suitable for concealed installation, solving our customers' needs for an aesthetically seamless finish. This system channels the sun's energy into the solar collector and heats up a transition fluid which transfer heat to the cold water in the storage tank. Low maintenance is required as no direct water is channelled through the circulation system and water heats up faster.

MONIER's Standard range of Solar Water Heating System utilises a direct system which optimises your water heating requirements. This system absorbs the sun's energy through its solar collector, turning the cold water into hot water; which rises to the water storage tank. The constant heat absorption process will ensure continuous hot water supply whenever you need it. This system offers a choice of three sizes – 180 litres, 300 litres and 450 litres.



**OPTIMUM PERFORMANCE**



**LARGE SURFACE : MAXIMUM HEAT ABSORPTION**



**DURABLE STRENGTH**



**AUTOMATED WELDING**



**TRENDY DESIGN**

## OVERALL DIMENSION

	<b>Premium 180</b> Aesthetic Installation	<b>Premium 300</b> Aesthetic Installation	<b>Premium 300</b> Classic Installation	<b>Standard 180</b> Classic Installation	<b>Standard 300</b> Classic Installation	<b>Standard 450</b> Classic Installation
Capacity (Storage Tank)	180 Litres	300 Litres	300 Litres	180 Litres	300 Litres	450 Litres
Panel Dimension (LxWxH) mm	1940 x 1016 x 75 mm	1940 x 2290 x 75 mm	2290 x 2430 x 510 mm	1940 x 1016 x 75 mm	1940 x 2290 x 75 mm	1940 x 3320 x 75 mm
Tank (L x Diameter) mm	1490 x 510 mm	2290 x 510 mm	2290 x 510 mm	1490 x 510 mm	2290 x 510 mm	3320 x 510 mm
Overall Weight (Empty)	109 kg	174 kg	174 kg	89 kg	135 kg	202 kg
Overall Weight (Full)	305 kg	500 kg	500 kg	274 kg	445 kg	670 kg
<b>STORAGE TANK</b>	Aluminium Stucco			Zinc Aluminium Alloy Steel		
Outer Cylinder Case Material	High Density Pressure Injected Polyurethane Foam			High Density Pressure Injected Polyurethane Foam		
Tank Insulation	Stainless Steel			Zinc Aluminium Alloy Steel		
End Cover Material	Marine Grade Stainless Steel			Marine Grade Stainless Steel		
Cylinder Thickness / Material						
<b>COLLECTOR</b>	Ultra-sonic welding Permanent molecular bonding between fin and riser tube results in high heat absorption and better efficiency			Plate & Tube		
Design	Copper			Aluminium / Copper		
Plate Material	Titanium Blue Panel			Matt Back Polyester		
Surface Coating	> 0.96 ± 0.02			> 0.94 ± 0.1		
Absorption Coefficients	8	16	16	6	12	18
Riser Tube Quantity	Aluminium			Zinc Aluminium Alloy Steel		
Casing Material	Low Iron Tempered Glass			Tempered Glass		
Glass Material	3.0 mm			4.0mm	4.0 mm	3.2mm
Glass Thickness	Required	Required	Not Required	Not Required	Not Required	Not Required
Conceal Tray						

\* In the event after confirmation of the order, the product is no longer in production or supplied by MONIER, MONIER shall be entitled to replace the product with another of similar if not better specifications even though of design in appearance.



Contact details :