



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.



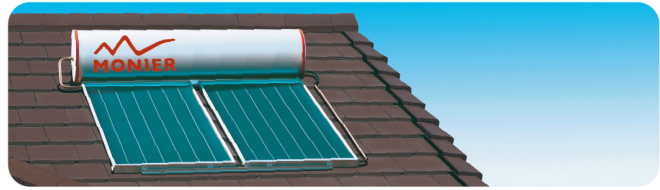
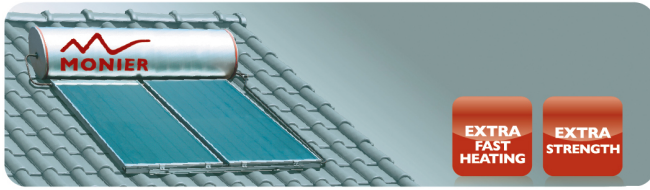
COMFORTABLE
Provides the comfort of a warm shower during rainy days or cold mornings.



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

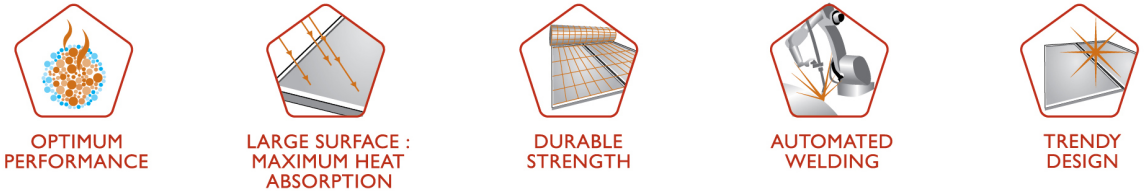
MORE POWER TO YOUR ROOF

Part of BMI Group



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 channeled 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.



OVERALL DIMENSION

	Premium 300 Aesthetic Installation	Premium 300 Classic Installation	Standard 180 Classic Installation	Standard 300 Classic Installation	Standard 450 Classic Installation
Capacity (Storage Tank)	300 Litres	300 Litres	180 Litres	300 Litres	450 Litres
Panel Dimension (LxWxH) mm	1940 x 2290 x 75 mm	1940 x 2290 x 75 mm	1940 x 1016 x 75 mm	1940 x 2290 x 75 mm	1940 x 3320 x 75 mm
Tank (LxDiameter) mm	2290 x 510 mm	2290 x 510 mm	1490 x 510 mm	2290 x 510 mm	3320 x 510 mm
Overall Weight (Empty)	174 kg	174 kg	89 kg	135 kg	202 kg
Overall Weight (Full)	500 kg	500 kg	274 kg	445 kg	670 kg

STORAGE TANK

Outer Cylinder Case Material	Aluminium Stucco	Zinc Aluminium Alloy Steel
Tank Insulation	High Density Pressure Injected Polyurethane Foam	High Density Pressure Injected Polyurethane Foam
End Cover Material	Stainless Steel	Zinc Aluminium Alloy Steel
Cylinder Thickness / Material	Marine Grade Stainless Steel	Marine Grade Stainless Steel

COLLECTOR

Design	Ultrasonic welding Permanent molecular bonding between fin and riser tube results in high heat absorption and better efficiency	Plate & Tube
Plate Material	Copper	Aluminium / Copper
Surface Coating	Titanium Blue Panel	Matt Black Polyester
Absorption Coefficients	> 0.96 ± 0.02	> 0.94 ± 0.1
Riser Tube Quantity	16	6 12 18
Casing Material	Aluminium	Zinc Aluminium Alloy Steel
Glass Material	Low Iron Tempered Glass	Tempered Glass
Glass Thickness	3.0 mm	4.0mm 4.0 mm 3.2mm
Conceal Tray	Required Not Required	Not Required Not Required Not Required

* 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 eventhough of design in appearance.

For more product information or enquiries, call toll free **1800 88 0865**
Email us at: roofing-malaysia@monier.com or visit www.monier.com.my

Monier® offers a wide range of products and parts in addition to the above.
For more information on Monier® Roof System Guarantee, please contact our sales representative.



The Best Brands in Roof Systems by The BrandLaureate Awards for 6 Consecutive Years 2008, 2009, 2010, 2011, 2012 and 2015



Recognized for our CSR efforts, Monier was honoured with an Asia Responsible Entrepreneur Award 2011



Member of the Malaysia Green Building Confederation



CERTIFIED TO MS ISO 9001:2008
Registration No: AR 1050

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Also Available at: