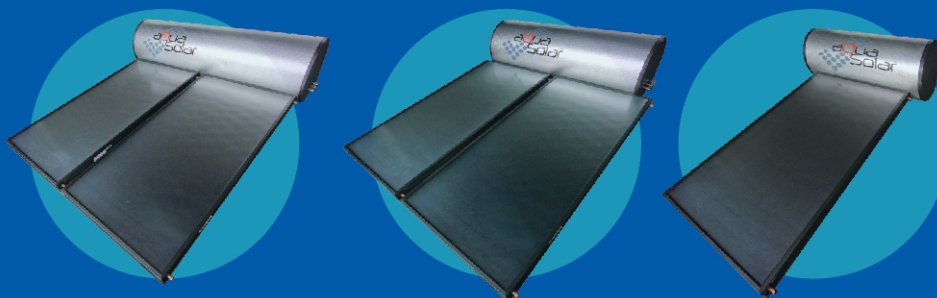
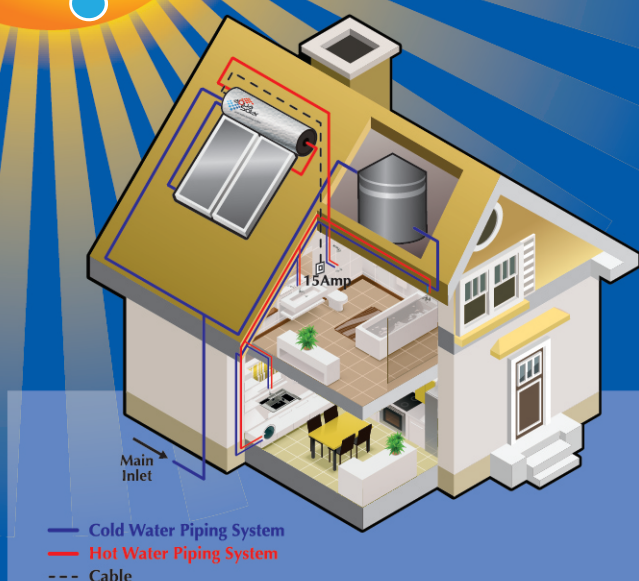


ASTR series

- 1). The heater collector and the water tank can be assembled together according to the different type of house to meet the needs of various people.
- 2). The anti-freezer used in the collector cycle not only can prevent frostbite, but also can expand the using time. It has the most effective anti-freezing measure among the same products in domestic and abroad.
- 3). The whole plate is made by imported blue titanium, which is better for collecting heaters, can be used even in cloudy day
- 4). There is an electric heating device in the water tank, the power of which can be made by the user's requirement.
- 5). The frame of collecting board is made by aluminum alloy, and in the outside we use the Tempered glass to strengthen it, making it more durable.



Specification for ASTR Series

Model Code		TR 80	TR 66	TR 35
	Tank Capacity	80 Gallons (UK) 363 Litres	66 Gallons (UK) 300 Litres	35 Gallons (UK) 160 Litres
	Overall Dimension (L x W x D)	2584mm x 2438mm x 584mm	2584mm x 2000mm x 584mm	2584mm x 1050mm x 584mm
	Weight - Full / Empty	552kg / 182kg	467kg / 150kg	266kg / 65kg
Storage Tank				
Overall Data	Tank Dimension	2438mm x 584mm	1829mm x 584mm	1050mm x 584mm
	Outer Casing	Stucco Aluminium	Stucco Aluminium	Stucco Aluminium
Insulation	Storage Tank Insulation	50mm High Density	50mm High Density	50mm High Density
Absorber	Cylinder Material	Polyurethane Foam (CFC Free) Marine Grade Stainless Steel	Polyurethane Foam (CFC Free) Marine Grade Stainless Steel	Polyurethane Foam (CFC Free) Marine Grade Stainless Steel
	Nominal Working Pressure	750 kPa	750 kPa	750 kPa
	Test Pressure	1500 kPa	1500 kPa	1500 kPa
	Relief Valve Setting	850 kPa / 99°C	850 kPa / 99°C	850 kPa / 99°C
	Laminar Flow Stratifier	Yes	Yes	Yes
	Electric Booster	3 kW	3 kW	3 kW
ASTR Plate				
Overall Data	Collector dimension(mm)	2000mm x 2000mm x 80mm	2000mm x 2000mm x 80mm	2000mm x 1000mm x 80mm
	Overall area(m ²)	2	2	1
	Riser tube(mm)	16pcs	16pcs	8pcs
Absorber	Welding way	Laser welding	Laser welding	Laser welding
	Max. working pressure	0.8Mpa	0.8Mpa	0.8Mpa
	Absorber material	Full Aluminium plate	Full Aluminium plate	Full Aluminium plate
	Absorber coating	Blue Selective Coating	Blue Selective Coating	Blue Selective Coating
	Absorption	95%	95%	95%
	Emittance	5%	5%	5%
Insulation	Insulation material	Fiber glass	Fiber glass	Fiber glass
	Insulation thickness(mm)	Back: 30 ; Side:10	Back: 30 ; Side:10	Back: 30 ; Side:10
Glazing	Transmittance	92%	92%	92%
	Material	Low iron tempered textured glass/3.2mm	Low iron tempered textured glass/3.2mm	Low iron tempered textured glass/3.2mm
Casing	Frame	Aluminum alloy	Aluminum alloy	Aluminum alloy
	Back plate	Aluzinc steel	Aluzinc steel	Aluzinc steel
	Frame color	Black	Black	Black
	Sealing gasket	Silicone glue	Silicone glue	Silicone glue