

TRI SYSTEM (with Hybrid Solar AC)

MODEL IDENTIFICATION	TUBES		PANELS	
	SAWE-20-270	SAWE-25-270	SAWE-220-270	SAWE-225-270
Tank delivery capacity	250 L	250 L	250 L	250 L
Tank nominal size	270 L	270 L	270 L	270 L
Solar flow and return	3/4"	3/4"	3/4"	3/4"
PTR valve	3/4"	3/4"	3/4"	3/4"
Cold inlet	3/4"	3/4"	3/4"	3/4"
Hot outlet	3/4"	3/4"	3/4"	3/4"
PTR valve setting (kPa)	850	850	850	850
Rating of PTR valve (Kw)	10	10	10	10
Power consumption of electric heating device(Kw)	3.6	3.6	3.6	3.6
Number of collectors (panel)	N/A	N/A	2	2
Size of flat plate (panel)	N/A	N/A	2.0mt x 1.0mt	2.5mt x 1.0mt
Number of collectors (tubes)	1	1	N/A	N/A
Tube quantity of each collector	20	25	N/A	N/A
Collector inlet	3/4"	3/4"	3/4"	3/4"
Collector outlet	3/4"	3/4"	3/4"	3/4"
Circulation pump setting	1	1	1	1
Diam. x Height mm	648 x 1389	648 x 1389	648 x 1389	648 x 1389
Rated voltage	240V	240V	240V	240V
Air cond. Inlet/outlet diam.	9.4mm (3/8")	9.4mm (3/8")	9.4mm (3/8")	9.4mm (3/8")

SolAir World's hot water system is commonly referred to as a Tri System and it is made up of six components. These six components are collector, storage tank, pump, controller, booster element and air conditioner unit.

A Tri System is a system where the heated water in the solar collector is moved around by using a small circulation pump and pump controller. The pump draws the colder water from the bottom of the tank and circulates the water through the collector, then returns the water back to the storage tank which has been heated free from the sun.

When the air conditioner is fitted the refrigerant from the air conditioner passes through a coil inside the tank acting like a heater element in a kettle. When the air conditioner is operating it will heat the water for FREE.

Any size SolAir World air conditioner can be fitted to the existing air conditioner ports on the tank.

