SPLIT SOLAR SYSTEM

Split pressurized solar systems comprise of solar collector, storage tank, remote controller, booster station and accesories. They are suitable where larger systems are required, as they have larger tank capacities ranging from 500litres to 2000ltrs. Typical installation include solar collectors mounted on the roof, tank on the ground, booster station for pressurizing system and a remote control for managing the systems. A typical schematic layout is shown below

SPLIT SOLAR SYSTEM ACCESORIES

TAW BOOSTER STATION

The unit comprises of low energy solar circulator pump, remote control, pressure gauge and brass connectors, all inter-connected and fitted into a housing for ease of installation.

TAW BOOSTER STATION

Remote control unit for management and operation of pressurized solar water heater systems.

Main Functions

1) Time display: 24 hours clock display time.
2) Temperature indicator: the actual display water tank temperature.
3) Temperature preset: you can preset heating temperature (30-80 degrees)
4) Start-stop timer.
5) Preset start temperature function.
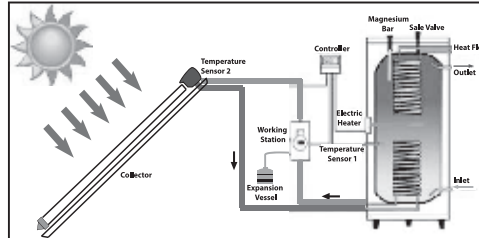6) Power memory function.
7) Measuring accuracy of temperature

TAW SOLAR THERMOSTATIC MIXING VALVES

Themostatic mixing valve is used in solar systems for regulating temperature to the preset value. It maintains constant temperature to the preset value regardless of the inlet temperature of both hot and cold water and is easily adjusted by turning the knob at the top to the desired outlet temperature.

GLYCOL

Mono Ethylene Glycol is produced from ethylene, via intermediate ethylene oxide. Odorless, colorless liquid that is fully miscible with water and wide range of organic liquids. It is used for Heat Tranfer in indirect solar water heating systems.

GENERAL LAYOUT

TANK SIZES

CAPACITY litres	DIAMETER	HEIGHT	EMPTY WEIGHT Kg	No: OF COLLECTORS	COLLECTORS DIMENSIONS
500L	φ700	1560	80.2	3	
1000L	φ1000	2100	191	6	2000x100x80
1500L	φ1100	2000	286.5	10	
2000L	φ1100	2500	385	14	