

SOLAR WATER HEATER

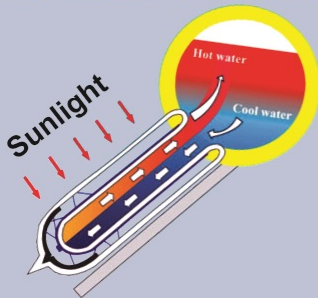
Hot water is required for many purposes and the sun can be used effectively, efficiently and economically to provide this heat. The warming effect of solar radiation is obvious and it is well known that a container of cold water, left exposed to the sun will be raised in temperature. Solar water heating systems are designed to make convenient of this phenomenon. Solar water Heater can heat water up to 90 C.

RS. 0.0 Per Month

- ✓ The fuel (Sunshine) is free forever.
- ✓ They are environment friendly.
- ✓ A solar water heater is ONE TIME investment that will save your money and energy for years.
- ✓ Solar water heaters can operate in all climates.
- ✓ It makes economic sense to think beyond the initial purchase price and consider lifetime energy costs. Solar water heater economics compare quite favorably with those of electric and gas water heaters.
- ✓ Easy to install
- ✓ Also available Solar Swimming Pool Heating System.
- ✓ Suitable both for Commercial as well as Domestic Use.



Pollution Free 100% Clean Water



Working Principle:

Thermosyphon solar water heater is open air and relies on water's natural circulation. when water in vacuum tube is heated, it rises naturally into storage tank, while cold water in storage tank flow back vacuum tube.

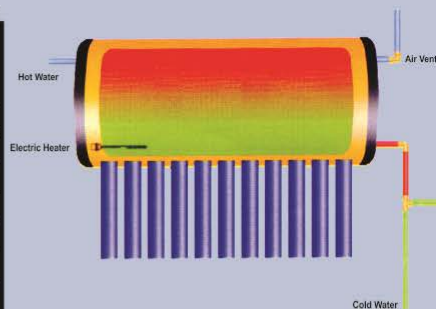


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Models Specification

Non Pressure Series:-

Model	Tubes No.	Tubes Specification	Tank Capacity	Sunlight Area	Area Utilize
		Ø (mm)	(Liter)	(m2)	(mm)
HB-I	15	Ø 47 x 1500	100	1.5	1380x1290x1330
	18	Ø 47 x 1500	120	1.718	1380x1460x1330
HB-II	18	Ø 58 x 1800	180	1.95	1650x1460x1440
	20	Ø 58 x 1800	200	3.4	
	24	Ø 58 x 1800	250	3.14	1650x2225x1440
	30	Ø 58 x 1800	300	4.5	

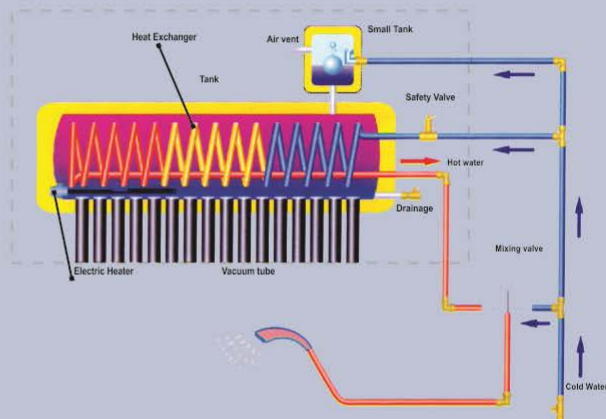


Sunlight Area means the area of sunlight on the all glass vacuum tube, it effect the heat result of the solar heater.

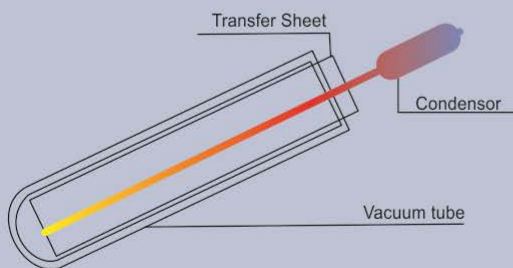
Pressure Series:-

- ✓ Pre-heated Solar Water Heaters use of Copper coil as the heat exchanger.
- ✓ It is simple to install and use
- ✓ Heat exchange instantly
- ✓ Work with Pressure

Tubes No.	Tubes Specification (mm)	Heat Exchanger (m)
20	Ø 58 x 1800	20
30	Ø 58 x 1800	30
36	Ø 58 x 1800	35

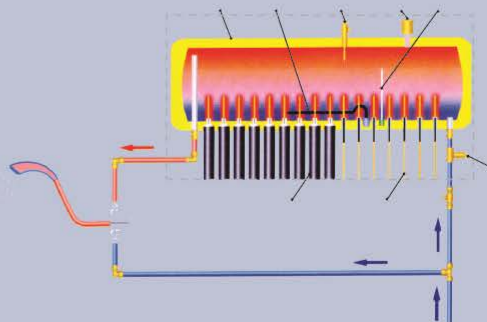


Heat Pipe Solar Water Heaters



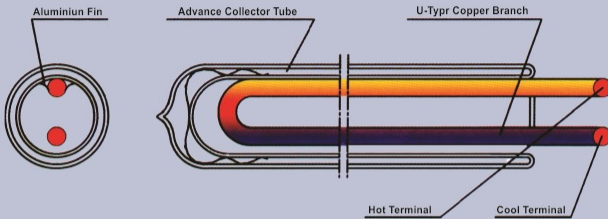
Heat pipes have a particularly strong heat conduction capacity. Using phase transition principle and capillary action, its heat conduction efficiency is higher. Water is Heated by the Heat Pipes rapidly.

liquid medium in the heat pipe vaporizes when heated by solar energy. This vapor rapidly rises to the top of the heat pipe transferring heat. As the heat is lost at the condenser (top), the vapor condenses to form the liquid and returns to the bottom of the heat pipe to once again repeat the process.



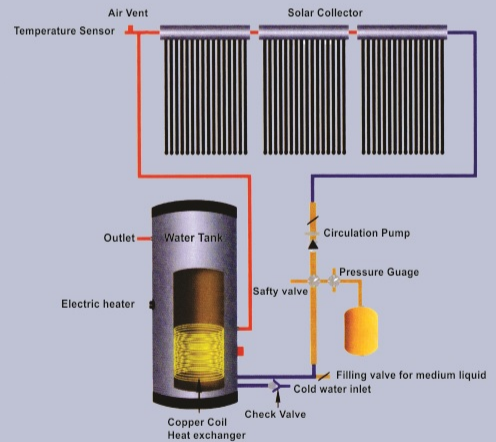
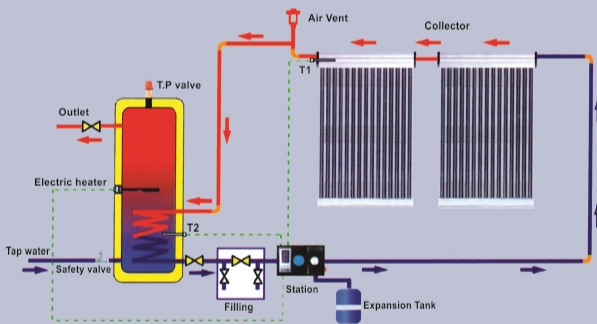
Solar collector U-Pipe Series:-

The Vacuum tubes absorb the solar energy and transfer into the heat energy & then pass it to the U pipe which result in High Temperature. There is NO WATER in vacuum tube. it can even operate in tube breakage.



Split Type Solar Series:-

- ✓ It can hot the top water instantly.
- ✓ The special structure can reduce the cold and hot water mix together.
- ✓ Can place tank inside the building. Hot water loses less energy then normal type.



Optional Accessories:-





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