

SOLAR WATER HEATING

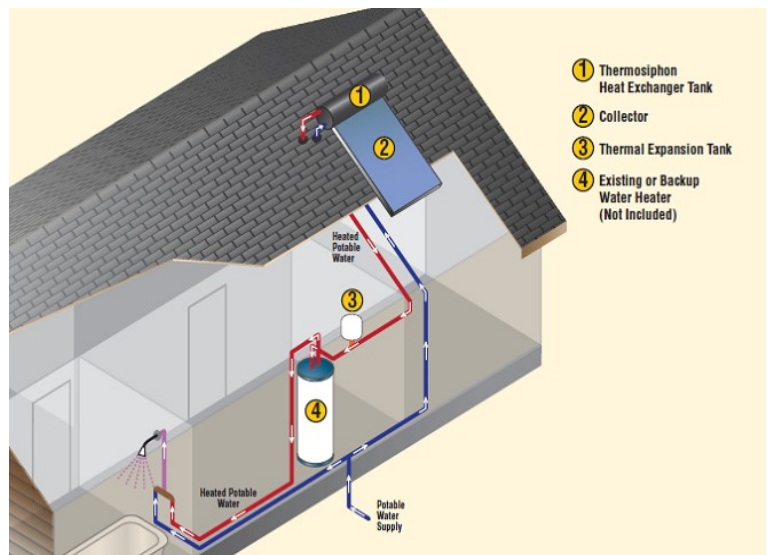
High Efficiency, Low Costs!

What is Solar Water Heating?

Solar Water Heating is exactly what it sounds like. Water that is heated by energy collected from the sun. Small panels are placed outside to absorb the sun's radiation. These systems are composed of a Thermal Heat Exchanger Tank, a Solar Collector Panel and a Thermal Expansion Tank that is directly connected to your water heater. There are two main categories of solar water heating systems, active and passive.

Passive Systems:

Water circulates from the water supply to the Heat Exchanger Tank and Solar Collector Panels then flows into your water heater ready for use. This system does not require any pumps or controls and has a capacity up to 80 gallons.



Active Systems:

A fluid, usually Propylene Glycol, flows from the Heat Exchanger Tank through the Solar Collector Panels and back to the Heat Exchanger Tank. Instead of water being pumped directly into the water heater, it is pumped into the Heat Exchanger in order to be heated. The water is then pumped into the water heater ready for use. This system requires a pump and controls. Capacities for active systems range from 80 to 119 gallons.

Solar systems come completely packaged and ready for mounting on your roof. Connect water and 110 volts to start taking advantage of the Florida sun!

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