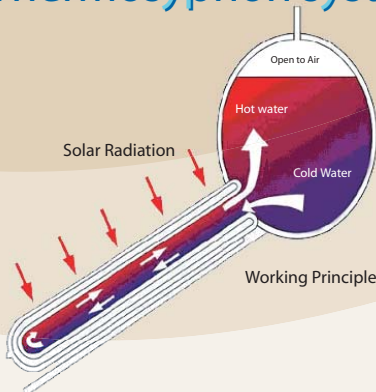




ESS

TSL Range








Thermosyphon system



Thermosyphon solar water heater relies on the natural circulation of water between the collector and the tank, or heat exchanger. As water in the vacuum tubes is heated, it rises naturally into the tank, while cooler water in the tank flows down to the bottom of the vacuum tubes, causing circulation throughout the system.

| MODEL | Heating Area (m ²) | Vacuum Tube | | | Tank Capacity (L) | Minimum Order |
|--------|--------------------------------|-------------|--------|-----|-------------------|---------------|
| | | Diameter | Length | No. | | |
| TSL150 | 1.44 | Ø 58mm | 1800mm | 18 | 150 | 6 |
| TSL200 | 1.92 | Ø 58mm | 1800mm | 24 | 200 | 6 |
| TSL250 | 2.40 | Ø 58mm | 1800mm | 30 | 250 | 6 |
| TSL300 | 2.88 | Ø 58mm | 1800mm | 36 | 300 | 6 |

System Features:

-  Inner tank: Stainless steel (SUS304 2B)
Thickness: 0.5mm
Cr: 17.00~19.00 %, Ni: 8.00~10.00 %
-  Outer tank: Stainless steel (SUS304 2B)
Thickness: 0.6mm
-  Insulating layer: Foaming polyurethane
Thickness: 55mm
Thermal transfer rate: 0.022W/m.K
-  Sealing rubber: silicon rubber
-  Dustproof rubber: EPDM
-  Optional Electric Booster: 1000W/1500w/3000w
-  Highly efficient all glass vacuum tube



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Specifications and technical data are subject to change