

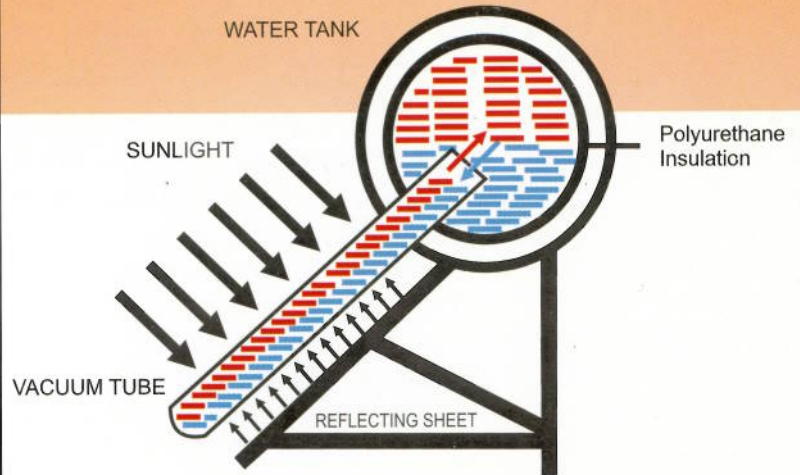


G P Tronics Pvt. Ltd.

—Let the sun pay the cost for you



The Coated layer on the vacuum tubes, absorbs the radiation of sunlight. This layer then transfers the radiation to heat the water. By this process water is heated up in the tube, while the water in the tank is cold. Hot water being lighter rises up to the tank and cold water from the tank comes down to the vacuum tubes to start a circulation by thermo-siphon. Gradually all water in the tank becomes hot and ready for use.



Different Models

| Type | Vacuum Tube Size | | | Tank Volume (L) |
|------------------|------------------|---------------|-------------|-----------------|
| | Length (mm) | Diameter (mm) | Number (mm) | |
| GPSOL 47-1500-15 | 1500 | 47 | 15 | 100 |
| GPSOL 58-1800-20 | 1800 | 58 | 20 | 200 |
| GPSOL 58-1800-30 | 1800 | 58 | 30 | 300 |

Technical Parameters of Vacuum Tube (47-1600-15)

| | |
|--|--|
| Degree of Vacuum : $\geq 5 \times 10^{-3}$ Pa | Coating : Al - N - Al |
| Absorption coefficient : ≥ 0.93 | Emissivity : ≤ 0.08 |
| Starting Temperature : $\leq 25^\circ\text{C}$ | Max Temperature : $\geq 250^\circ\text{C}$ |
| Freezing resistance : -18°C | Service Life : ≥ 15 years |
| Wind resistance : 30m/s (grade 11) | Hail Proof : 25 mm |
| Glass material concentrated borosilicate glass 3.3 | Absorber plate : Copper profile |
| Size of single tube : (mm) 47x1500 | Heating - up coefficient : 92% |

Super Conducting Solar Water Heater

Inner tank : Imported SUS304 Stainless Steel

Outer Shell : Anti-rust treated sheet with black end cover

Stand : Anti-rust treated Carbon Steel

Vacuum Tube : Hard Borosilicate glass tube



Requirement Small roof space & aspiration for better living

Channel Partner

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RENEWABLE SOLUTIONS WITH RELIABILITY