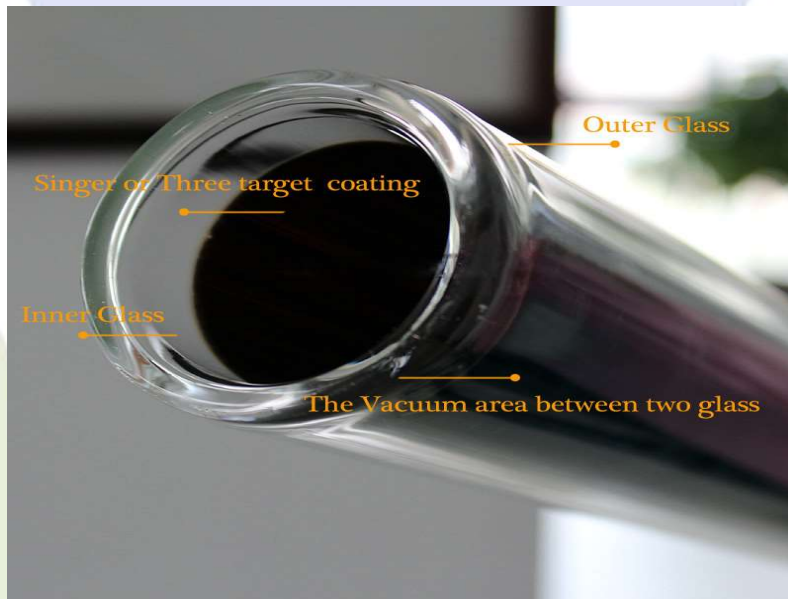


## Model # MNP-GS150

### Description

Magnizon's Non-pressure system is the most economic solar water heater which work stable and no need any maintenance. It must be installed on the top, such as roof, to get enough hot water flow pressure. Also the tank must be above the collector, so the thermosiphon phenomenon can occur, circulation water from collector to tank.

### Tube based Collector



### Areas of use

- On-roof installations
- Free standing installations
- Façade collector

### Product Advantages

- Can be operated completely automatic if connect with intelligent controller.
- Simple structure, easy plug-in installation, can be installed both on flat and inclined roof, and can be used with an auxiliary electric booster as to provide hot water without sunshine.
- Superior heat preservation ensured by one-off molding polyurethane foam with thickness 55mm.
- Suitable for camping area, holiday residences.
- Stable and reliable performance, well wind resistance.
- Meet the mankind healthy bath standard: The SUS304-2B material for inner tank; the long life silicon sealing ring against the erosion and not harmful to health.
- High efficiency coating, laser welding and meander system (absorption 94%)
- Long service life due to robust, temperature- and weather-resistant construction and materials

## Model # MNP-GS150

- Weather-resistant anthracite powder-coated aluminium frame construction with aluminum sandwich rear panel
- Low heat losses, high insulation values
- Simple and quick installation, suitable for any installation type
- 10-year warranty & 20 Years design life
- Solar Keymark certification guarantees high quality

### Features of Magnizon Hot Water Storage Tank

- Hot Water Storage Tank: Thick food-grade stainless steel SUS 304-2B with advanced argon arc welding to make no rusty, no leaking, corrosion resistant, durable and reliable for more than 30 years, marine-grade stainless steel SUS316 is available for storage tank with much longer working life.
- Each storage tank has been immersed in water and tested with rated pressure to ensure safety tanks without leaking water.
- Tank Shell: Made of quality white color steel, silver fluorocarbon steel painted all of which have been proved superior in corrosion resistant.
- SUS304 stainless steel for tank shell with its better performance at all points enjoys much popularity among customers.
- Tank Insulation: High-density polyurethane integrated foaming layer with twice slaking treatment to ensure heat preservation 72~80 hours.
  - Inner tank: 0.4mm thickness SUS304 food grade stainless steel
  - Outer tank: 0.4mm thickness painted steel
  - Frame: 1.5mm thickness galvanized steel
  - Vacuum tubes: High borosilicate 3.3 glass; three-target coating; 1.6mm thickness and 2kgs weight; Specific absorption: 93%-96%(AM1.5), Emission ratio: 0.04-0.06(80C+-5C)
  - Outer tank diameter: 460mm
  - Accessories for option: magnesium rod, air vent holder, electric resistance 1500W, controller, reflector, etc.



## Model # MNP-GS150

### Non-pressure Solar Water Heater

- Vacuum tube: High quality borosilicate glass 3.3,  $\Phi 47 \times 1500 \text{mm}$ ,  $58 \times 1800 \text{mm}$
- Inner tank: SUS304-2B stainless steel plate
- Outer tank: Color steel plate
- Insulating layer: Polyurethane foam
- Bracket: Galvanized steel /stainless steel/aluminum alloy
- Capacity: 150L

| Sl.No | Model     | Solar Vacuum Tube |                       | Absorber Area /M2 | Capacity (60°C) Litter/day | Tank Diameter /MM | Insulation Thickness /MM | Container Loading Qty /Sets |      |
|-------|-----------|-------------------|-----------------------|-------------------|----------------------------|-------------------|--------------------------|-----------------------------|------|
|       |           | No of Tubes       | Size/mm               |                   |                            |                   |                          | 20GP                        | 40HQ |
| 1     | MNP-GS150 | 15                | $\Phi 58 \times 1800$ | 1.41              | 150                        | 470               | 55                       | 54                          | 131  |