



FLAT PLATE SOLAR WATER HEATER SYSTEM

-- SIMPLE • SECURE • SMART --

| MODEL | Flat Panel Solar Collector | | Capacity | Absorber Area | Suitable for |
|------------------------|----------------------------|----------------|----------|---------------|--------------|
| | Pcs | Size(mm) | (L) | (M2) | (Persons) |
| 【GREENPRO-150L】 | 1 | 2000*1000*80MM | 150 | 2.0 | 4~5 |
| 【GREENPRO-200L】 | 1 | 2000*1250*80MM | 200 | 2.5 | 6~7 |
| 【GREENPRO-300L】 | 2 | 2000*1000*80MM | 300 | 4.0 | 9~10 |

FLAT PLATE SOLAR WATER HEATER (HIGH PRESSURIZED MODEL)

• **Pressurized Water Storage Tank** •

| | |
|------------------------|---|
| Capacity of Tank | 100/150/200/300 L |
| Water Tank Type | 【HIGH PRESSURE WATER TANK, CLOSED LOOP, HIGH PRESSURE MODEL】 |
| Material of Outer Tank | STAINLESS STEEL. SUS-304-BA or PVDF |
| Material of Inner Tank | Stainless Steel SUS304 1.2~1.5mm |
| Thermal Insulation | Polyurethane*50~55mm |
| Joint of Water Tank | 3/4" |
| Circulation Pipe Joint | 3/4" |
| Max.Working Pressure | 0.7Mpa |
| Testing Pressure | 1.2Mpa |




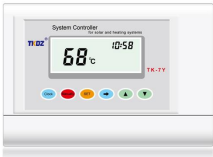



• **Bracket (Stand Frame)** •

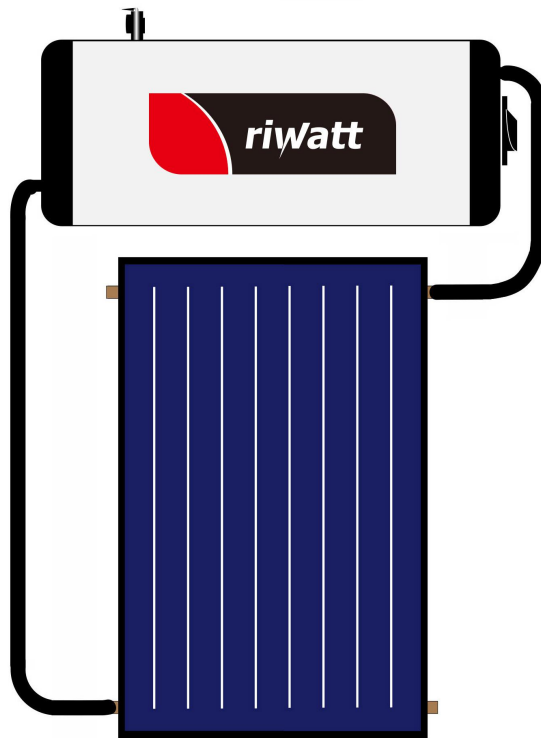
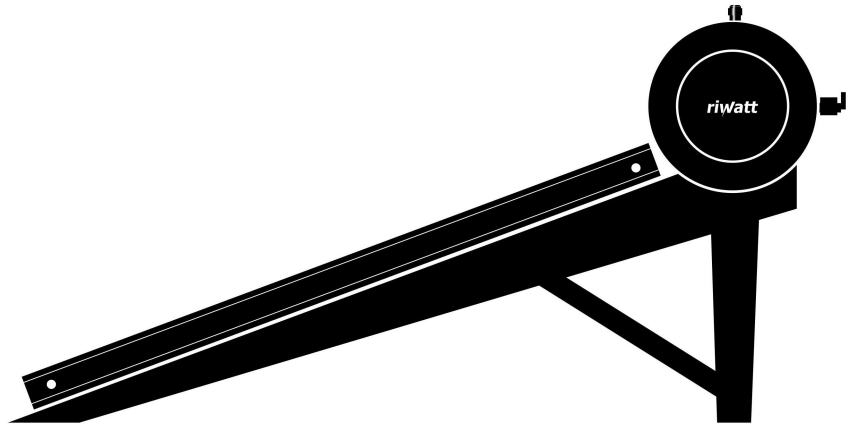
| | |
|--------------|--|
| Bracket Type | INCLINED ROOF OR FLAT ROOF MOUNTED, IRONMAN ADJUSTABLE |
| Material | STRONGER GALVANIZED STEEL. |

| ITEMS | SUNBLUE-2.5 | SUNBLUE--2.0 |
|---|---|---------------------------------|
| Riser Pipe Type | GRID | |
| Length×Width×Height (mm) | 2000×1250×80 | 2000×1000×80 |
| Header Pipe Material and Qty. | Copper TP2, Ø22 mm (2 pipe) | |
| Riser Pipe Material and Qty. | Copper TP2,Ø8 mm (9 pipes) | Copper TP2,Ø8 mm (7/8 pipes) |
| Gross Area (m ²) | 2.5 | 2.0 |
| Absorb er Area(m ²) | 2.27 | 1.82 |
| Net Weight(kgs) | 35 | 30 |
| Liquid Capacity(ltr) | 1.53 | 1.23 |
| Surface Treatment | Sputtering (Blue Titanium Absorber) (Bluetec) | |
| Absorb er Plate Material | Aluminum Board | |
| Absorptivity | ≥95% ±2% | |
| Emissivity | ≤5% ±2% | |
| Frame Material | 6063 T5 Aluminum Profile,Thickness : 1.2mm | |
| Back Plate | Galvanized Steel | |
| Insulation Material & Thickness & Density | Fiber Glass 30mm,Density:36g/m3 | |
| Transparent Cover | Super White Low Iron Embossed Tempered Glass ,δ3.2mm,Light Transmission ≥ 91.5% | |
| Instant Thermal Efficiency(η) | 0.79 | 0.77 |
| Heat Transmission Medium | 70% Propylene Glycol+30% Pure Water | |
| Test Pressure(Mpa) | 1.2 Mpa , and Keep 15 Minutes | |
| Working Pressure(Mpa) | 0.7 | |
| Advising Flow Rate(L/H- m ²) | 70~80 | |
| Heat Loss Coefficient a1* (w/ m ² .°C) | 3.25 | 5.00 |
| Collector Stuffy Temperature(°C) | 190 | 180 |
| The Series Group Number (pcs) | ≅ 8 | |

ACCESSORIES

| Serial No. | Reference Pic. | Description | QTY. | REMARKS |
|------------|----------------|-------------|------|---------|
| | | | | |

| | | | | |
|---|---|--|---|--|
| 1 |  | PT VALVE (90°C Degree Model) 3/4" | 1 | |
| 2 |  | Non Return & Pressure Relief Valve 3/4" | 1 | |
| 3 |  | Stainless Steel Flexible Pipe 2 Pcs/System TOTAL 2.5M | 1 | |
| 4 |  | Controller panel 220V/50HZ | 1 | |
| 5 |  | Inbuilt electric heater element 1", 1500W, 220V/50HZ | 1 | |
| 6 |  | Magnesium anode 3/4" | 1 | |
| 7 |  | Thermostatic mixing valve - 3/4" | 1 | |



TRADING TERMS:

Leading time: $\pm 15\sim 25$ working days,(the sooner, the better)
Payment: TT 30% for in advance, the balance before shipment
Price validity for 30 working days.
Place of origin: HAINING, ZHEJIANG, CHINA.

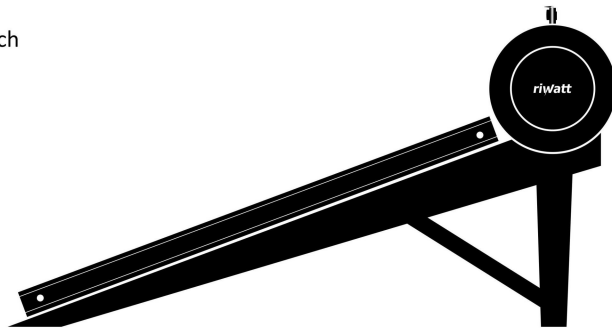
WARRANTY:

1. FLAT PLATE SOLAR COLLECTOR& WATER TANK: 5(FIVE) YEARS,
2. ACCESSORIES: 1 YEAR.

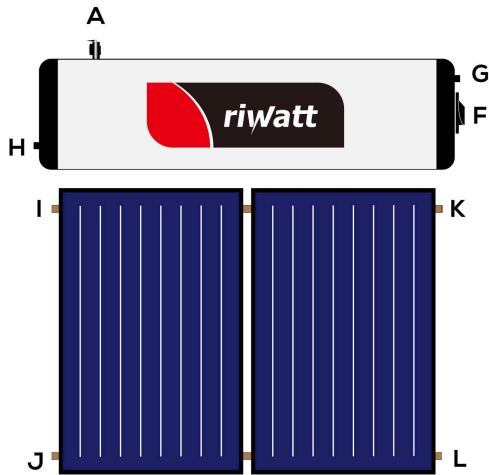


DESCRIPTION

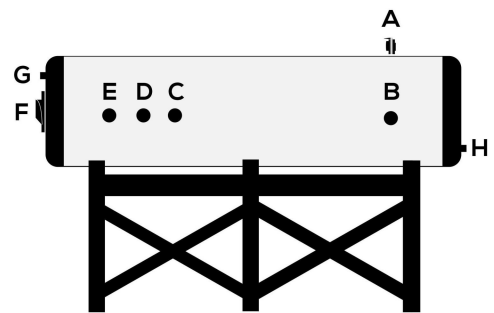
- A: P/T Valve Port Female 3/4"
- B: Cold Water Inlet Female 3/4"
- C: Sensor Port Female 1/2"
- D: Magnesium Anode Female 3/4"
- E: Hot Water Outlet Female 3/4"
- F: Electric Heater Element Female 1.25 inch
- G: Hot Water Circulation Inlet Male 3/4"
- H: Cold Water Circulation Inlet Male 3/4"
- I: Use Copper Fitting Seal
- J: Connect J with H by SS. Pipe
- K: Connect K with G by SS. Pipe
- L: Copper Fitting Seal



SIDE VIEW



FRONT VIEW



REAR VIEW