SOLARGEN

PREMIUM QUALITY PRODUCT

Solar Water Heating Systems

for your home, commercial and industrial needs.

- High efficiency
- Saves upto 40% of your bills
- Pressurised and direct

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PRESSURIZED TUBE SYSTEM

MODEL: JPH

Vacuum tube: Borosilicate Glass 3.3, 58x1800mm
Heat Pipe: Red Copper
Inner Tank: Sus304-2b Or Sus316l Stainless Steel
Outer Tank: Color Steel/ Stainless/ Pvdf
Insulation Layer: Pu Foam, 42kg/m3 High Density
Collector: Flat Plate Solar Collector
Bracket: Aluminium Alloy
Galvanized Steel/Stainless Steel
Working Pressure: 6 Bar

HANTI compact pressurized series is a renovation model for the solar hot water, which adopts advanced heat pipe technology, combines heat pipe solar collector with pressurized tank to form a compact model. The vacuum tubes absorb and convert solar energy into thermal energy and transfer to the central pipe via the aluminium fin. The heat pipes have tiny amount of purified water sealed inside at depressurized condition. When heated, the water inside the heat pipes vaporizes at low temperature (about 25 degrees), the vapor rises to the condenser and heat energy is conducted to water (inside the tank). When vapor is cooled down and becomes condensate, falling to the bottom of heat pipe. By continuously in this way, heat is carried from outside to the water inside the tank.

Welding Technology

Argon Arc Welding (Tig: Tungsten Inert Gas Welding);

Model	Vacuum Tube		Named Capacity (L)
	Dia./Len(Mm)	Qty. (Pcs)	
JPH - 10	58*1800	10	100
JPH – 15	58*1800	15	150
JPH - 20	58*1800	20	200
JPH - 30	58*1800	30	300

Parameter Table

Model	Heat Pipe Vacuum Tube			Capacity (L)	Person No.	Loading Qty (Set)		
	Dia./Len(Mm)		Qty. (Pcs)			20GP	40GP	40HQ
JPH - 15	58	1800	15	150	3	52	112	130
JPH – 18	58	1800	18	180	4	48	96	115
JPH – 20	58	1800	20	200	4	42	88	98
JPH - 24	58	1800	24	240	5	35	73	86
JPH – 30	58	1800	30	300	6	28	62	68

TECHNICAL PARAMETER

Inner Tank: Stainless Steel Ss316l, 1.2mm Thickness

Inner Tank Diameter: 360m

Vacuum Tube: 58/1800mm, ALN-AIN-SS/Cu Coating

Heat Transfer Fin: United Aluminium Sheet

Insulation: Polyurethane Foam 50mm, 42kg/M3 High Density

Outer Tank: Color Steel, 0.4mm Thickness

Outer Tank Diameter: 460mm

Heat Pipe: Red Copper

Working Pressure: ≤ 6 Bar

Support: Painted Galvanized Steel