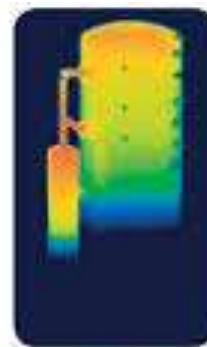
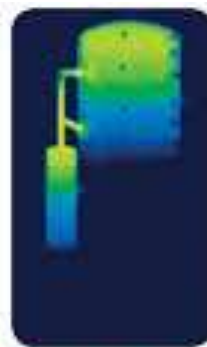




Payback Period < 3 years



Steps in Pressurized System:



30 Minutes
After 30 minutes of Solar gain the upper portion of tank begins to heat.

1 Hour 15 Minutes
After 1 hour and 15 minutes mark you can begin to see the tank middle portion begin to heat.

2 Hours 5 Minutes
After 2 hour and 5 minutes mark of solar gain the entire tank is uniformly heated.

2 Hours 50 Minutes
After 2 hours and 50 minutes of solar gain the tank is uniformly heated.

Pressurized Inner Tank



Products Range:

Technical Specifications

Capacity (LPD)	125	250	375	500
Type	FPC			
Working	Pressurized			
Inner tank thickness (mm)	3	3	3	3
Inner Tank Material	GI	GI	GI	GI
Outer Tank Material	GI	GI	GI	GI
Insulating Material	PUF	PUF	PUF	PUF
Insulating Thickness (mm)	50	50	50	50
Insulating Density (kg/m ³)	38	38	38	38
Collector size (mm)	1000 x 2000	1000 x 2000	1000 x 2000	1000 x 2000
Collector material	Copper	Copper	Copper	Copper
Hot Water Temperature (°C)	55 - 60	55 - 60	55 - 60	55 - 60
Working Pressure (kg/cm ²)	5	5	5	5
Collector Qty.	1	2	3	4
Absorber Area (sqm.)	2	4	6	8
System Weight	113	192	269	354
Space Required (sqft.)	4 x 8	9 x 8	14 x 8	18 x 10
Warranty (years)*	5	5	5	5

Compliance of Indian Standards in Practice

- IS 12933 (Part 1):2003, Solar flat plate collector -Specification, Part 1- Requirements.
- IS 12933 (Part 2):2003, Solar flat plate collector -Specification, Part 2 - Components.
- IS 12933 (Part 3):2003, Solar flat plate collector -Specification, Part 3 - Measuring instruments.
- IS 12933 (Part 5):2003, Solar flat plate collector -Specification, Part 5 - Test methods.

Waasol Energies LLP is the largest vertically Integrated Company engaged in Solar Business in India with diversified business interest with in over 65+ nations across the globe. It is fact that 44 % energy is consumed in Thermal Applications Globally and if we replace 10 % of the thermal energy with Solar Thermal, there will be enormous savings in High Recurring Energy Bills & Consumption of Fossil Fuels while great savings on Carbon Foot Prints as well. We strongly believe that the Customized application development is essential for the promotion of Solar Thermal and hence we have always emphasized on development in house Research Team. Solar thermal has been key Business Vertical which helps to save recurring energy expense with attractive IRR. Waasol Energies LLP possess Passionate team of Techno commercial professions who provides Solutions for Hot Water, Process Heat and Its applications.

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* Terms and Conditions as per warranty cards