

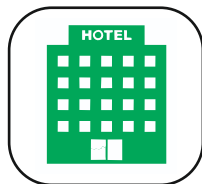
Solar Water Heating Systems



Home



Apartment



Hotel



Hospital



Industry



Swimming Pools

Technology:

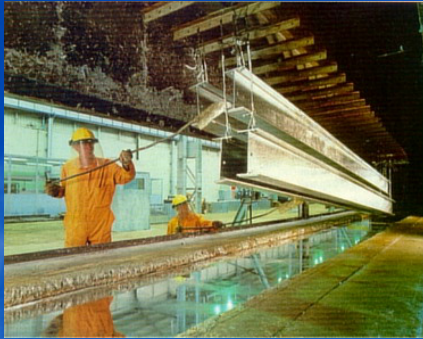
Advanced Triple layered Evacuated Tube Collector technology.
Passive Tracking of the Evacuated Tube Collector.
Incident Angle Modifier (IAM) greater than unity.

Tank:

Hot water storage tank with special corrosion resistant coating.
Tank made from SS / GI / HDGI
High density machine injected 'CFC free' PUF insulation.
Precoated GI/mirror finished SS outer cladding
Corrosion resistant & long lasting MS powder coated structure

Salient Features:

High efficiency and aesthetically appealing design.
Pressurised systems available.
15 years of excellence in the solar thermal industry.
Suitable for hard water conditions.
Systems available from 100 litre/day upto any capacity.
Sacrificial anode for protection against galvanic corrosion.



Presenting a revolutionary Solar Hot Water System with HDGI Tank for superior life and performance. Now experience a corrosion free system!

Hot dip galvanization

Stringent cleaning procedure (7 tank process)

Steel is dipped into the molten bath of Zinc @460°C for achieving the coat

Produces a Fe-Zn alloy layer on the steel surface and leaves a coat of pure zinc on the outer surface.

Very high life, of the order of 20-50 years

Normal coating thickness is 80-100µm

(460-650GSM)

With normal coat thickness about 60% expensive than electro-galvanizing.

Hot dipping done after tank is completely finished (all welding processes complete).
Tank does not come in contact with hard water

Electro-galvanization

Stringent cleaning procedure is not employed

Coating is done by Electroplating process

Produces a layer of Zn on the surface which is not homogenous with steel.

Very low life, few months to few years

Normal coating thickness is 10-12 µm

(80-160GSM)

With normal coat thickness cheaper in comparison to hot dip galvanizing.

Welding processes lead to removal of zinc layer, creating a heat affected zone that is susceptible to corrosion due to hard water



Higher Heating Capacity



Easy Installation



Presurized Design available



5 Years Warranty



Made from Indian Steel



Dual Protection



CFC Free PUF Insulation



Experience Luxury

Manufactured by:



www.aksonsolar.com

DEALER