

**SUN**

# Solar Water Heating System



**Storage Capacity**  
200, 300 & 500 Litres

## Living Green, Saving Green

If you've been looking for a way to live a "greener" lifestyle, installing SUN solar water heating system in your home is a great way to start. Consider the facts: residential water heaters are second only to air conditioning and heating systems in household energy consumption, a properly sized solar water heating system can provide up to 70% of the energy needed for heating water directly from the sun.

SUN solar water heater for a quick, easy and reliable specification and installation.

Sun Solar water heating system works on both thermosyphon and forced flow circulation suitable for small and large applications.

## FEATURES

**GLASS LINED TANK** Tank interior coated with Blue Diamond glass lining specially developed by A.O. Smith for protection against corrosion.

**Tank rated at 10 bar working pressure.**

**HEATING TECHNOLOGY** Closed circuit indirect solar water heating system where thermic fluid gets heated in collector and moves through the inbuilt heat exchanger to transfer the heat to potable water.

**SAFETY** Other than thermostat, additional pressure and temperature valve provided for added safety.

**WARRANTY** SUN Solar heating systems receive three years warranty on tank and panel and one year on parts.

### OTHER FEATURES

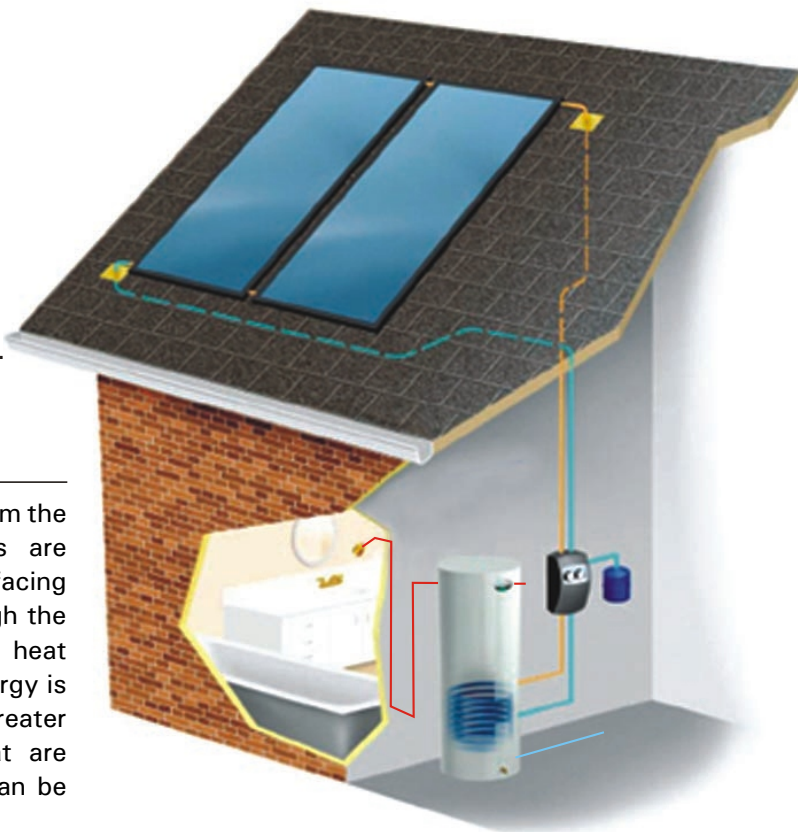
- Anti corrosive and anti freezing Propylene Glycol as thermic fluid.
- Inbuilt glass lined heat exchanger coil.
- Fully automatic glass lined electric back up.
- Copper collector for high solar gain.
- Delivered with low maintenance inert anodes.

### OPTIONAL FEATURES

- Solar pump station with integrated control system.
- Gas system as optional back up.

## HOW SUN SOLAR WORKS ?

The SUN Solar Water Heating System utilizes energy from the sun to provide hot water. Solar heating systems are composed of solar thermal collectors installed on roof facing sun. The sun heats up the thermic fluid flowing through the solar collectors, which is pumped to the inbuilt heat exchanger within of the solar tank, where the heat energy is transferred to the water inside the storage tank. The greater the volume of the tank and number of panels that are incorporated into the system, the more energy that can be captured from the sun.



## ABOUT A. O. SMITH

**A. O. Smith: Worldwide** - A. O. Smith is the largest manufacturer in North America, and one of the world's leading manufacturers of resident and commercial water heating equipment, offering a comprehensive product line and featuring the best-known brands in North America and China. Through an inspired blend of innovation, teamwork, technology and industry expertise, A. O. Smith has created a full line of state-of-the-art water heaters and boilers that combine incredible performance with higher - than - ever energy efficiency. A. O. Smith is a global leader applying innovative technology and energy-efficient solutions to products marketed worldwide. A. O. Smith is also one of the largest manufacturers of electric motors of residential and commercial applications in North America.

A. O. Smith developed and patented a process to glass-line water heaters. And over the years, A. O. Smith has gained the respect and support of homeowners, contractors, architects, and specifying engineers in over 60 countries by providing innovative energy efficient products designed for years of trouble-free service.

**A. O. Smith: India** - A. O. Smith India Water Heater Private Limited was established in 2005. Backed by 70 years of proven technological advances A. O. Smith India has created a stylish design with features demanded by the Indian consumer and successfully marketed a range of domestic water heaters that in a short period of time have become the most trusted brand in it's category.

### AUTHORISED CHANNEL PARTNER FOR A.O. SMITH

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