



The Solav system was developed to answer the need of developing countries in the sunbelt region, for an affordable, easy to install, maintenance-free and sustainable solution for water heating.

Established in 2011, Solav Energy designed and developed a unique, revolutionary, polymer-based solar water heating system which overcomes existing solutions' problems such as corrosion, calcium deposits and breakage of glass made parts. None of these exist in the Solav system.

The product is manufactured in a mass manufacturing process in the company-owned, ISO9001 certified facility and is fully recyclable.

All products are produced with a strong emphasis on simplicity of design and ease of installation while aiming to minimize the environmental impact.



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Solav's Benefits

Economical

- **Solar** - Utilizing the sun as a 'free for all' energy source enables to save the cost of conventional energy sources such as electricity, gas or diesel to heat water
- **Inherently affordable solution** - Being made of polymer, in mass manufacturing process, with no metal or glass parts means a much cheaper solution to the end customer.

Durable & Reliable

Being entirely made of polymer, enables to overcome existing solutions' problems:

- **No corrosion**
- **No calcium deposits**
- **BPA free**
- **Potable water compatible**
- **UV protected**
- **Hail and storm resistant**
- **Zero maintenance**



Ecological

- **No Pollution** - The Solav SWH, burns no fuel to heat water
- **Sustainable** - The Solav polymer-based SWH is fully recyclable, thus does not contaminate our planet.

Modular Scalability

Its smart design enables simple scalability

Easy to Install

Plug&Play system. No prior training or special tooling is required for installation.

Low Visibility

Its integrated collector-water tank presents low profile and aesthetic view

Power Backup

Option for a fast electric power heater that guarantees hot water supply in cloudy days

Specifications:

Size [m²]: 1.3

Weight [Kg]: only 30 (@100L.)

Water capacity [Liter]: 85; 100; 170; 200

Materials: UV protected Polymers, clear glazing cover on top

Technology: Thermosiphon

