

# 100L Non-Pressurized Solar Water Heater with Vacuum Tubes

This solar water heater uses sunlight to heat the water within its vacuum tubes. The solar collector absorbs radiation, converts it to heat, and transfers it to the water, which then rises into the 100L tank through thermosiphon circulation.



## ADDITIONAL IMAGES



## Product Overview

### Efficient Solar Thermal Solution

This non-pressurized solar water heater utilizes the thermosiphon principle to efficiently convert solar radiation into heat. By circulating water through high-performance vacuum tubes, the system naturally transfers heated water to the storage tank while cooler water descends to the collector. Designed for durability and performance, it features a stainless steel tank and advanced insulation to minimize heat loss, providing a sustainable hot water solution for residential and small commercial use.

## Technical Specifications

Rated Operation Pressure	0.06 MPa
Gross Surface Area	1.33 m <sup>2</sup>
Aperture Area	0.92 m <sup>2</sup>
Bracket Inclination	30 °

## Tank Details

Tank Dimensions	Æ450x990 mm
Tank Insulation	Polyurethane (50mm)
Inner Tank Material	Stainless steel SUS304-2B
Inner Tank Dimensions/Thickness	Æ350mm / 0.5mm
Outer Tank Material	Stainless steel
Outer Tank Dimensions/Thickness	Æ450mm / 0.4mm

## Vacuum Tubes

Vacuum Tube Size	Æ581800 mm
Number of Tubes	10

## Features & Compliance

<b>Certifications</b> <ul style="list-style-type: none"><li>DIN CERTCO: 011-7s2714A</li></ul>	
Included Features	Electric heating provision, Anode protection
Bracket Material	Aluminum Alloy (Silver White)