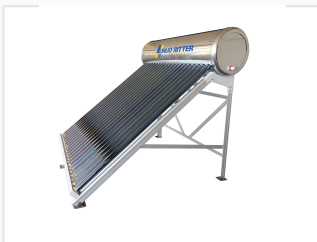


# 300L Non-Pressurized Solar Water Heater with Vacuum Tubes

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



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Solar Heating

This non-pressurized solar water heater utilizes the thermosiphon principle to efficiently convert solar radiation into hot water. Equipped with 30 evacuated vacuum tubes, it ensures optimal heat absorption and retention even in varying weather conditions. With a 300L capacity and durable stainless steel construction, this system provides a reliable, eco-friendly, and cost-effective hot water solution for residential and commercial applications.

## Performance Metrics

Rated Operation Pressure	0.06 MPa
Gross Surface Area	4.06 m <sup>2</sup>
Aperture Area	2.7 m <sup>2</sup>

## Tank Specifications

Tank Dimensions	Æ450x2510 mm
Tank Insulation	Polyurethane, 50mm thickness
Inner Tank Material	Stainless Steel SUS304-2B
Inner Tank Dimensions	Æ350mm / 0.5mm thickness
Outer Tank Material	White painted steel
Outer Tank Dimensions	Æ450mm / 0.4mm thickness

## Collector System

Vacuum Tube Type	Æ581800 mm
Number of Evacuated Tubes	30
Bracket Material	Aluminum Alloy (Silver White)
Bracket Inclination	30 °

## Features & Compliance

Included Features	Electric Heating Provision, Anode Protection
Certification	DIN CERTCO 011-7s2714A