

# 200L Non-Pressurized Solar Water Heater with Stainless Steel Tank

This solar water heater uses sunlight to heat water within its vacuum tubes. The solar collector absorbs radiation and converts it to heat, which is then transferred to the water.



## Overview

### Efficient Solar Thermal Solution

This non-pressurized solar water heater utilizes the thermosiphon principle to efficiently convert solar radiation into hot water. Designed for reliability, the system features a durable stainless steel tank and high-performance evacuated vacuum tubes. It is an ideal solution for residential or small commercial applications looking to reduce electricity consumption through renewable energy.

## Technical Specifications

### Surface Area

**2.69 m<sup>2</sup>**

Gross Surface Area

**1.62 m<sup>2</sup>**

Aperture Area

### Rated Operation Pressure

0.06 MPa

## Tank Details

### Tank Materials

| Component  | Material                  | Dimensions     |
|------------|---------------------------|----------------|
| Inner Tank | Stainless Steel SUS304-2B | Æ350mm / 0.5mm |
| Outer Tank | Stainless Steel           | Æ450mm / 0.4mm |

### Tank Dimensions

Æ450\*1750mm

### Insulation Material

Polyurethane (50mm)

## Collector System

### Vacuum Tube Specifications

**20 pcs**

Number of Tubes

**58 mm**

Tube Diameter

**1800 mm**

Tube Length

## Mounting and Accessories

### Bracket Specifications

Aluminum Alloy (Silver White), 30° inclination

### Additional Features

Electric Heating Provision, Anode Protection

## Certifications

DIN CERTCO Registration

011-7s2714A