

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 m²

Gross Surface Area

1.62 m²

Aperture Area

Rated Operation Pressure

0.06 MPa

Tank Details

Tank Materials

Component	Material	Dimensions
Inner Tank	Stainless Steel SUS304-2B	Æ350m / 0.5mm
Outer Tank	Stainless Steel	Æ450m / 0.4mm

Tank Dimensions

Æ450*1750m

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