

Low Pressure Solar Water Heater

This low-pressure solar water heater is an economical option suitable for most regions. Its simple design directly connects the solar collector and water tank, eliminating the need for connecting pipes or pumps.



ADDITIONAL IMAGES



Product Overview

Compact Low Pressure Solar Geyser

This low-pressure solar water heater utilizes a simple thermosyphon thermal circulation system, where cold water is heated by solar vacuum tubes and naturally rises into the storage tank. It is an economical and mature technology suitable for most areas, offering high efficiency in photo-thermal conversion. The system is designed for easy maintenance and reliable, stable operation without the need for pumps or complex piping.

Key Features

Advantages

Economical, Simple Structure, No Pump Required, Easy Maintenance, High Efficiency

Technical Specifications

Inner Tank Material	SUS304-2B Food Grade Stainless Steel (Optional: SUS316L)
Outer Tank Material	0.41mm SUS304-2B Stainless Steel
Insulation Layer	55 mm
Heat Preservation	72 hours
Vacuum Tube Details	Borosilicate glass 3.3 with AL-SS-CU absorption coating
Hail Resistance	25 mm

Installation & Support

Bracket Specifications	1.5mm Galvanized Steel, 20°/30°/45° Angle
Seal Material	Stabilized High Temperature Silicon