

Non-Pressurized Solar Water Heater Collector

High-efficiency non-pressure solar collector utilizes evacuated tube technology. It is designed for optimal solar energy absorption and heat transfer in diverse climates, suitable for both residential and commercial water heating.



Overview

High-Efficiency Solar Thermal Solution

This non-pressurized solar water heater collector utilizes advanced evacuated tube technology to maximize solar energy absorption and heat transfer. Designed for both residential and commercial water heating applications, the system delivers reliable performance across various weather conditions. Its robust construction, featuring high-grade stainless steel and durable insulation, ensures long-term reliability with minimal maintenance requirements.

Materials and Construction

Inner Tank Material	SUS 304-2B stainless steel
Outer Tank Material	Al-Zn coated steel sheet / Color steel
Insulation Material	Polyurethane foam
Stand Material	Aluminum alloy / Galvanized sheet

Technical Specifications

System Type Non-Pressurized • Evacuated Tube	
Vacuum Tube Type	Borosilicate glass 3.3
Absorption Coating	Al-N-Al