

Evacuated Tube Solar Water Heater

This solar water heater utilizes evacuated tubes to efficiently capture solar energy. The system's insulated tank and natural convection provide reliable hot water for various applications.



Overview

Efficient Thermal Performance

This evacuated tube solar water heater is engineered for sustainable and efficient water heating in both residential and commercial settings. By utilizing an array of high-efficiency evacuated glass tubes, the system maximizes solar energy absorption while significantly minimizing heat loss. The integrated high-capacity insulated tank relies on natural convection to maintain a consistent supply of hot water, ensuring reliable performance across various climates and water conditions.

System Design

System Type	Evacuated Tube Solar Water Heater
Circulation Method	Natural Convection
Key Features	High Thermal Efficiency, Insulated Storage Tank, Durable Frame Construction

Application

Suitable Applications

- Residential Water Heating
- Commercial Hot Water Systems

Performance

Thermal Efficiency
High Efficiency