

Evacuated Tube Solar Water Heater

This water heater utilizes evacuated tubes for efficient solar energy absorption. It is designed with a cylindrical tank mounted above the tubes and supported by a metal frame.



Overview

Sustainable Solar Water Heating Solution

This evacuated tube solar water heater is designed for high-efficiency solar energy absorption and effective domestic or commercial hot water production. The system utilizes an advanced vacuum tube array mounted below a robust insulated tank to maximize thermal gain. Engineered for durability and performance, this unit provides a sustainable and cost-effective alternative for meeting varied hot water requirements.

Technical Specifications

Primary Applications

- Residential Hot Water
- Commercial Hot Water Utility

Design Components

- Vacuum tube array
- Insulated storage tank
- Corrosion-resistant metal support frame

System Architecture

Evacuated Tube Collector, Passive Solar Heating