

Solar Water Heater System with Flat-Plate Collector

This solar water heater system efficiently heats domestic water using solar energy. It combines a flat-plate solar collector with an insulated storage tank to maximize solar energy capture and minimize heat loss.



Product Overview

Sustainable Hot Water Solution

This solar water heater system is an efficient, environmentally friendly solution designed for domestic hot water needs. It combines a high-performance flat-plate solar collector with a heavily insulated storage tank to maximize energy capture and minimize heat loss. The system ensures consistent performance even under diffuse light conditions and offers a sustainable, cost-effective alternative to conventional heating methods.

Technical Features

Collector Technology	Flat-Plate Collector
Insulation Type	High-density insulation
Control Interface	Digital control panel

Application

Primary Application	Residential, Domestic Hot Water
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Performance

Key Performance Indicators

1 High

Solar Absorption Efficiency

1 Optimized

Heat Loss Minimization