

Residential Solar Water Heating System with Insulated Tanks

This high-efficiency solar water heating system is designed for residential use. It features a flat-plate solar collector and two insulated water storage tanks to minimize heat loss.



Overview

High-Efficiency Residential Solar Heating

This vertical solar water heating system is specifically engineered for balcony integration, making it an ideal choice for property developers and modern residential projects. Featuring an intensive GMO tank design with five national patents, the system ensures high durability and resistance to pressure, corrosion, and scaling. It utilizes natural circulation for maximum efficiency, offering a low-maintenance and cost-effective solution for reliable domestic hot water.

Technical Standards

National Patents

- 1022501
- 11210738
- 1174963
- 1210737
- 1318036

Certifications & Testing

Australian SAI Authenticated, 260,000 Pressure Pulse Tested

Performance Metrics

Key Performance Metrics

260000 cycles

Pressure Pulse Test Cycles

Features

System Advantages

- Vertical clip-set structure for high thermal efficiency
- Natural circulation system with fewer fault points
- Acid and alkali resistant materials
- Anti-aging and heat resistant construction
- Zero-pollution and low-scaling operation

Operational Status

Maintenance-Free • Energy Efficient • Low Operating Cost • Stable Hot Water Yield