

Twin-Glass Evacuated Tube Solar Collector

This solar collector features twin-glass evacuated tubes for efficient performance. It uses red copper heat pipes to rapidly heat water, preventing tube breakage in winter.



Product Overview

Twin-Glass Evacuated Tube Solar Collector

This high-efficiency solar collector utilizes advanced twin-glass evacuated tube technology to maximize solar energy absorption while minimizing heat loss. Featuring red copper (TU1) heat pipes, the system ensures rapid water heating and remains operational even in cold climates. Designed for versatility, it integrates seamlessly with existing pipelines and architectural styles, making it an ideal, cost-effective solution for both residential and commercial hot water needs.

Technical Features

Tube Type	Twin-glass evacuated tube
Heat Pipe Material	Red copper (TU1)
Cold Climate Operation	Yes

Installation

Installation Compatibility	Pitched Roof, Flat Roof, Existing Pipeline Integration
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Performance Metrics

Performance Advantages

- Rapid water heating capability
- No water inside vacuum tubes prevents winter breakage
- Significant efficiency advantages over flat plate collectors
- Reduced fuel costs
- Environmentally friendly operation