

U-Pipe Solar Collector for Water Heating

This solar collector utilizes U-pipe technology for efficient heat transfer. Its durable construction and evacuated tubes ensure maximum solar energy absorption for hot water applications.



ADDITIONAL IMAGES



Product Overview

High-Efficiency U-Pipe Solar Collector

The SC-U solar collector utilizes advanced vacuum tube and U-pipe technology to capture and convert solar radiation into high-temperature thermal energy. Designed for both residential and commercial water heating, this system operates efficiently even if individual tubes are damaged, as there is no water flow inside the vacuum tubes themselves. With its corrosion-resistant aluminum construction and flexible mounting options, it provides a reliable, eco-friendly solution for reducing fuel costs.

Technical Specifications

Manifold Testing Pressure

1 MPa

Testing Pressure

Installation Flexibility

- 0° to 90° angle range
- Roof mounting compatible
- Wall hanging compatible

Construction Materials

Twin-glass vacuum tubes, Aluminum manifold, Copper U-pipe, High-density rock wool, Glass wool

Performance Features

Key Advantages

Anti-freezing • High Temperature Resistant • Corrosion Resistant • Eco-friendly • Reliable