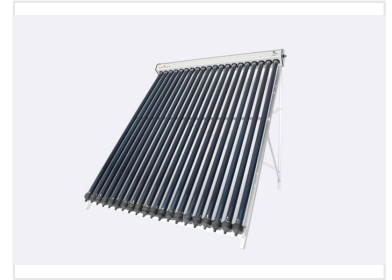


# 24mm Condenser Heat Pipe Solar Collector

This solar collector utilizes 24mm condenser heat pipes for efficient heat transfer. It is designed for converting solar energy into heat suitable for water and space heating systems.



## Product Overview

### High-Efficiency Solar Thermal Solution

The 24mm Condenser Heat Pipe Solar Collector is engineered for high-performance solar energy conversion in both residential and commercial applications. Utilizing advanced twin-glass vacuum tubes and a 24mm condenser, this system ensures rapid heat transfer and minimal heat loss. Its robust design, featuring corrosion-resistant materials and high-density insulation, guarantees reliable operation even in extreme weather conditions as low as -35°C.

## Technical Specifications

Condenser Dimensions	24mm x 70mm
Test Pressure	1 MPa
Minimum Operating Temperature	-35 °C

## Design & Materials

Vacuum Tube Type	Twin-glass
Key Materials	Red Copper, Aluminum Alloy, Rock Wool, Glass Wool
Insulation Material	High-density rock wool/glass wool

## Key Features

### Core Advantages

- One-way heat transfer
- Corrosion-resistant manifold and bracket
- Dry-tube operation (works even if a tube is broken)
- Suitable for flat and sloping roofs
- High-temperature resistant

## Certifications

Compliance  
Solar Keymark