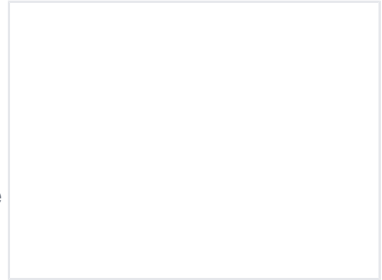


Flat Plate Solar Collector with Black Chrome Coating

This flat plate solar collector utilizes a full core copper plate with a black chrome coating. It has an absorption rate of e 92% and a launch rate of d8%±2%, providing high efficiency and reliable performance.



Overview

High-Efficiency Solar Thermal Solution

This flat plate solar collector features a high-performance core copper plate with a specialized black chrome coating, delivering an absorption rate of 92% or greater. Designed for durability and efficiency, it utilizes tempered glass with high light transmittance and robust insulation to withstand diverse environmental conditions. It is an ideal choice for both residential domestic water heating and large-scale central solar hot water projects, particularly in northern climates.

Performance Metrics

Absorption Rate

92 %

Absorption Rate

Launch Rate

8 %

Technical Specifications

Absorber Material	Copper plate with Black Chrome coating
Glass Transmittance	85 %
Cover Material	Tempered glass

Usage & Installation

Operational Guidelines

- Suitable for environments 0°C and above
- Requires freezing protection measures below 0°C
- High pressure capacity design

Suitable Applications

Domestic Hot Water, Space Heating, Large-scale Central Projects, Northern Climates