

Flat Plate Solar Collector for Water Heating

This flat plate solar collector is designed for optimal solar energy absorption and heat transfer. It features a durable absorber plate with a selective coating for enhanced performance and is constructed with weather-resistant materials for long-lasting durability.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Solar Thermal Solutions

This flat plate solar collector is engineered to maximize solar energy capture for water heating applications. Featuring a high-selective black chrome coating and laser-welded aluminum full plate construction, it delivers exceptional thermal performance. Specifically optimized for dry and hot climates, this collector provides a durable and efficient solution for both residential and commercial hot water needs.

Performance Metrics

Absorption Rate

95 %

Absorption Rate

Emittance Rate

11 %

Emittance Rate

Technical Specifications

Coating Type	High selective black chrome
Construction Method	Aluminum full plate by laser welding

Application & Suitability

Climate Suitability	Dry Areas, Hot Climates
Recommended Regions	Africa