

# Flat Plate Solar Water Heater

This solar water heater features an integral heat absorption plate for a high absorption rate and thermal efficiency. Its full metal configuration and integrated packaging ensure a long service life and well-maintained insulation.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Solar Thermal Solution

This flat plate solar water heater features an advanced blue sputter absorber plate that delivers an industry-leading thermal transfer efficiency of 77%. Designed for reliability and longevity, the all-metal configuration ensures a service life of up to 20 years while withstanding pressures up to 0.9MPa. Its integrated, non-gap encapsulation design provides a waterproof, aesthetic finish that is optimized for seamless building integration.

## Performance Metrics

### Absorption Rate

**95 %**

Absorption Rate

### Thermal Transfer Efficiency

**77 %**

Thermal Transfer Efficiency

## Technical Specifications

Emittance Rate	4.3 %
Max Pressure Bearing	0.9 MPa
Light Transmittance Rate	95 %

## Features

Construction Highlights	All-metal Configuration, Coated PV Glass, Integrated Encapsulation, Non-gap Connection
Design Life	20 years