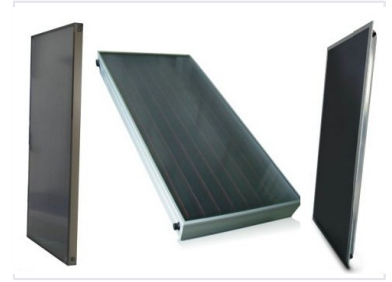


# Flat Plate Solar Collector

Flat plate solar collectors are designed for optimal solar energy absorption and heat transfer. These collectors feature a durable absorber plate with a selectively coated surface to maximize solar radiation capture and minimize heat loss.



## Overview

### High-Efficiency Flat Plate Solar Collectors

These flat plate solar collectors are engineered for optimal solar energy absorption and efficient heat transfer, making them ideal for both residential and commercial water heating applications. Featuring durable absorber plates with selectively coated surfaces, they are designed to maximize solar radiation capture while minimizing heat loss. The robust frame construction ensures long-term reliability and resistance to environmental factors for consistent performance.

## Technical Specifications

### Operating Limits

**0.9 MPa**

Max Working Pressure

**100**

Max Working Temperature

### Model Comparison

| Model    | Dimensions (mm) | Absorber Material           | Weight (kg) |
|----------|-----------------|-----------------------------|-------------|
| JRP66A1  | 2000X1000X66    | Anodized aluminum composite | 34          |
| JRP80A2  | 2000X1000X80    | Black chrome-plated copper  | 36          |
| JRP100A3 | 2000X1000X100   | Blue film                   | 47          |
| JRP100W2 | 2010X1010X100   | Black chrome-plated copper  | 47          |
| JRP100Y2 | 2086X108X100    | Black chrome-plated copper  | 38          |
| JRP80M2  | 2400X800X80     | Black chrome-plated copper  | 38          |
| JRP80D3  | 2000X1000X80    | Blue film                   | 38          |

## Materials

### Available Absorber Coatings

Anodized aluminum composite, Black chrome-plated copper, Blue film