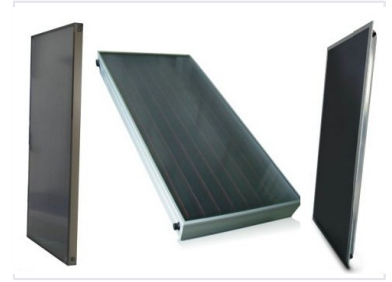


# Flat Plate Solar Collector

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