

# Solar Heat Pump System for Heating and Cooling

This high-efficiency solar heat pump system is designed for both residential and commercial applications. It combines solar thermal collectors with a heat pump to provide heating, cooling, and domestic hot water.



## System Overview

### High-Efficiency Solar Integrated Climate Control

This advanced solar heat pump system provides versatile heating and cooling solutions for residential and commercial environments. By integrating solar energy assistance, the system achieves exceptional performance and energy efficiency compared to traditional units. It features a robust split-system design, ensuring quiet operation and precise temperature control for optimal indoor comfort.

## Performance Metrics

### Capacity and Input

**24000 Btu/h**

Cooling Capacity

**24000 Btu/h**

Heating Capacity

**4000 W**

Solar Auxiliary Heating

**2250 W**

Rated Input

## Technical Specifications

### Electrical Characteristics

Parameter	Value
Rated Current	10.2

### Noise Levels

- Indoor Unit: d43 dB(A)
- Outdoor Unit: d55 dB(A)

## Dimensions and Weight

### Unit Dimensions (Net)

Unit	Dimensions (mm)
Indoor	1050 × 320 × 220
Outdoor	950 × 350 × 830