

Floor Ceiling Solar Air Conditioner

This floor ceiling solar air conditioner combines solar power with traditional air conditioning technology. It reduces electricity consumption and environmental impact with its high-efficiency compressor and intelligent control system.



Overview

Energy-Efficient Solar Climate Control

This floor-ceiling solar air conditioner offers a sustainable climate control solution by integrating solar thermal collection with high-efficiency heat exchange technology. By utilizing hot water within the collector, the system significantly reduces compressor load and overall electricity consumption. Designed for versatility, the unit supports both floor and ceiling installations, making it suitable for a variety of residential and commercial environments.

Technical Specifications

Model Number	TKF(R)-35DW
Power Supply	220-240VAC, 1PH, 50Hz
EER	3.89 W/W
Suitable Area	15~23 m ²
Vacuum Tube Configuration	47mm Diameter x 500mm Length (10 Pcs)

Performance Metrics

Cooling Capacity

12000 Btu/h
Btu/h

3500 W
Watts

Heating Capacity

13000 Btu/h
Btu/h

3800 W
Watts

Noise Levels

Unit	Noise Level
Indoor	d43B(A)
Outdoor	d52B(A)

Installation & Maintenance

Installation Guidelines

- Installation process is similar to conventional air conditioners
- Facing south is not required for the collector
- Suggest placing the outdoor unit lower than the indoor unit for proper drainage
- Ensure pipes for the collector are included when emptying air
- Fill with water immediately after installation