

Solar Air Heating Panel

These high-efficiency solar air heaters are designed for both residential and commercial use. The panels convert sunlight into heat through advanced solar thermal technology, offering a cost-effective and sustainable space heating solution.



ADDITIONAL IMAGES



Product Overview

Sustainable Solar Thermal Heating

This solar air heating panel is an innovative, sunlight-powered device designed to provide auxiliary space heating for residential cottages, rooms, and greenhouses. By utilizing high-efficiency blue selective heat absorbers and an integrated crystalline solar cell to power the air circulation fan, the unit operates entirely off-grid. Its versatile design allows for both closed-loop heating and fresh air exchange, making it suitable for a wide range of heating and drying applications.

Technical Specifications

Expected Operational Life

10 years

Minimum Service Life

Core Components

- Blue selective heat absorber
- Integrated crystalline solar cell
- Air circulation fan
- System controller

Operating Modes

Closed Loop Heating, Air Exchange Mode

Applications

Recommended Uses

- Residential heating (cottages/rooms)
- Greenhouse temperature regulation
- Industrial drying processes
- Industrial curing processes