

Solar Heat Pump System for Water and Space Heating

Integrated system combines a solar thermal collector with a heat pump unit. It provides a sustainable and cost-effective solution for reducing energy consumption.



Overview

Integrated Solar Heat Pump System

This high-efficiency solar heat pump system is engineered for simultaneous domestic hot water and space heating. By combining solar thermal collection with advanced heat pump technology, the system maximizes energy efficiency and significantly reduces utility costs. It provides a sustainable, low-carbon heating solution ideal for residential or light commercial applications.

Performance Metrics

Heating Capacity

55000 W

Heating Capacity

15300 W

Average Input Power

Technical Details

Refrigerant	R410A
Water Supply Capacity	15 m ³ /h
Solar Panel Auxiliary Heating	12000 W

Physical Dimensions

Weight Specs

Metric	Weight
Net Weight	340
Gross Weight	400

Dimensions (H x W x D)	2000 x 980 x 2100 mm
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