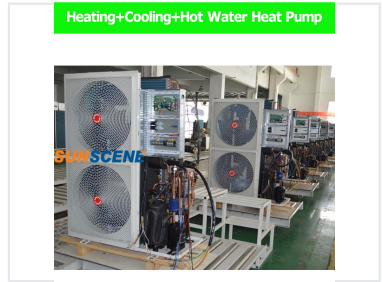


All-in-One Inverter Heat Pump

This all-in-one inverter heat pump offers five working modes, including heating, cooling, and domestic hot water. It operates effectively in cold climates and uses a 220V power supply.



ADDITIONAL IMAGES



Overview

4th Generation All-in-One Climate Solution

This DC inverter heat pump is a versatile 4-in-1 system providing heating, cooling, and domestic hot water (DHW) with five distinct working modes. It features a dual heat exchanger design that enables 100% heat recovery for free hot water during cooling operations, significantly reducing energy costs. Designed for safety and comfort, the system maintains optimal indoor humidity and completely separates water from electricity to ensure a secure, high-performance environment for large residential or commercial buildings.

Operational Modes

Working Modes

Heating + DHW, Cooling + DHW, Heating Only, Cooling Only, DHW Only

Performance Metrics

Heating Capacity Range

12 kW

Minimum Model

30 kW

Maximum Model

Technical Specifications

Model Performance Data

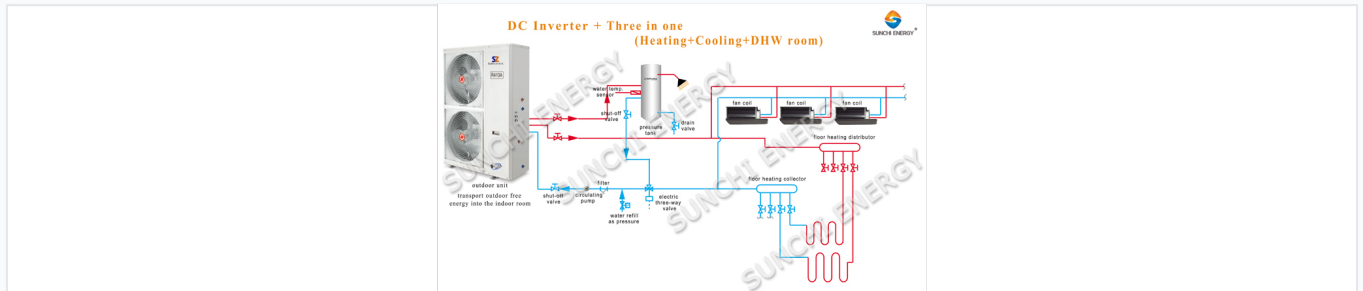
Specification	RSV-12R	RSV-15R	RSV-25R/S	RSV-30R/S
Power Supply	220V/50Hz	220V/50Hz	380V/50Hz	380V/50Hz
Rated Cooling (kW)	10.0	15.0	25.0	30.0
Rated Heating (kW)	12.0	17.0	27.0	32.0
EER (w/w)	3.3	3.1	3.3	3.2

Key Features

Smart Monitoring & Control

- Network location remote monitoring
- PC centralized operation and control
- Multi-module equipment joint control
- Unlimited equipment combination capability

System Integration



Comprehensive system layout showing the integration of outdoor units with floor heating, fan coils, and water distribution components.

Compatible Terminals

Underfloor Heating • Radiator Heating • Fan Coil Cooling • 250L-500L Hot Water Tanks

Safety & Environment

Safety Features

- Complete water and electricity separation
- Zero combustion (no carbon monoxide risk)
- Clean energy operation
- R410A Eco-friendly refrigerant

Operational Limits

Minimum Working Temperature	-20
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Application Scope

Building Capacity	Suitable for large homes with 5-10 rooms and up to 5 people for DHW usage.
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