

# Residential Air Source Heat Pump Water Heater

This air source heat pump water heater is designed for residential applications, providing cooling, floor heating, and hot water. The unit extracts heat from the ambient air to supply reliable hot water.



## ADDITIONAL IMAGES



## Overview

### Versatile Residential Heating & Cooling

This high-efficiency air source heat pump is a comprehensive solution for modern residential needs, providing cooling, floor heating, and sanitary hot water. By extracting heat from the ambient air, it offers a sustainable and energy-saving alternative to traditional water heaters. The system is designed for durability and ease of maintenance, making it an ideal choice for eco-conscious domestic applications.

## Key Features

### Features:

- R410A refrigerant, environmental friendly.
- Higher water temperature output up to 60°C.
- Tube in shell heat ex-changer; Hi-COP & safety.
- With sterilization function (tank with electric heater)
- High pressure protection.
- Defrost automatically.
- MODBUS communication.
- Full automatically operation.
- Through different installation, the system can be used for cooling, heating and providing sanitary hot water.



Overview of technical advantages including R410A refrigerant and MODBUS communication.

### Core Functionalities

- Full automatic operation
- Automatic defrosting
- High pressure protection
- Sterilization function (with electric heater tank)
- MODBUS communication support

## Technical Performance

### Performance Metrics

**60 °C**

Max Water Temperature

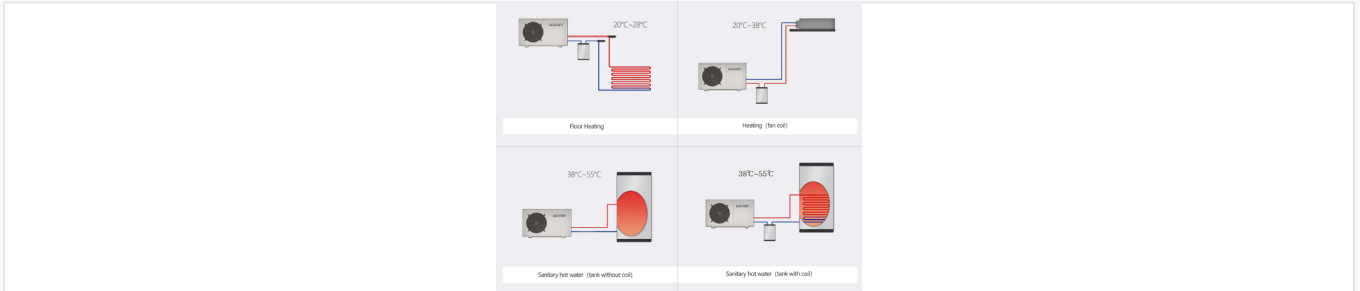
### Refrigerant

R410A • Environmentally Friendly

### Heat Exchanger Type

Tube in shell

## Application Modes



Versatile installation options including floor heating, fan coils, and sanitary hot water tanks.

### Operating Temperature Ranges

Application	Temperature Range
Floor Heating	20°C - 28°C
Fan Coil Heating	20°C - 38°C
Sanitary Hot Water	38°C - 55°C

## Installation & Connectivity

### Connection Interface

Drain Outlet, Upper Circulation Port, Lower Circulation Port, Maintenance Hole