

# Two-Stage High-Temperature Heat Pump

This two-stage high-temperature heat pump produces hot water up to 80°C, even in ambient temperatures as low as -20°C. It is designed for house heating, domestic hot water, and other applications requiring high-temperature water.



## ADDITIONAL IMAGES



## Overview

### High-Performance Two-Stage Heat Pump

This two-stage high-temperature heat pump is designed for efficient water heating up to 80°C, even in extreme ambient temperatures as low as -35°C. It serves as an ideal energy-saving replacement for traditional coal, oil, and electric boilers in space heating and domestic hot water applications. With advanced features like intelligent defrosting and multi-grade antifreeze protection, this system ensures reliable performance for both residential and industrial use.

## Key Features

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Two-Stage Compression, High Temperature Output (80°C), Wide Operating Range (-35°C to 43°C), Intelligent Defrost, Antifreeze Protection, Energy Saving Curve

## Performance Metrics

### Featured Performance Metrics

**80 °C**

Max Water Temp

**2.6 W/W**

Max COP

**54 dB(A)**

Avg Noise Level

## Technical Specifications

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Feature	Specification
Refrigerant	R410a / R134a
Compressor Type	Scroll
Power Supply	220V/1PH/50Hz or 380V/3PH/50Hz
Water Outlet/Inlet	1 inch
Ambient Range	-35°C to 43°C

## Applications

### Suitable Applications

- Private Residences & Villas
- Hotels
- Bathing Pools & Saunas
- Factories
- Commercial Centers
- Slaughterhouses