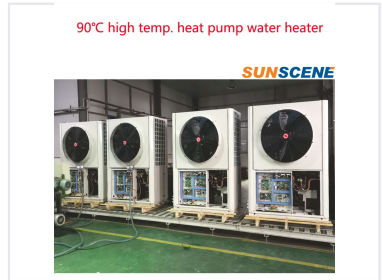


# 90°C High Temperature Heat Pump Water Heater

This heat pump water heater delivers up to 90°C hot water, suitable for high-temperature industrial and commercial applications. It utilizes a two-stage compression system with R410A and R134a refrigerants for efficient operation in cold climates.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Industrial Heating

This high-temperature heat pump water heater utilizes advanced two-stage coupling technology, combining R410A and R134a refrigerants to deliver reliable hot water output up to 90°C. Engineered for demanding industrial and commercial environments, the system maintains efficient operation even in ambient temperatures as low as -20°C. With precise digital control and variable speed inverter technology, it provides an energy-efficient solution for applications ranging from factory processes and textile manufacturing to large-scale sterilization.

## Technical Specifications

Model Number	RSV-20K/S
Power Supply	380V/50Hz
Rated Heating Capacity	20 kW
COP	3.2 w/w
Max Input Power	12.6 kW
Max Input Current	20.5 A

## Performance Metrics

### Key Performance Metrics

<b>90 °C</b> Max Outlet Temp	<b>-20 °C</b> Min Ambient Temp	<b>5 HP</b> Horsepower
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## System Features

### Equipment Characteristics

- Flexible scroll type high-temperature compressor
- Intelligent digital smart throttle technology
- High-temperature superconducting heat system
- High-efficiency brazing heat exchanger
- PLC precise connection electronic expansion valve
- Condensing pressure balance valve
- Environmental protection type high-temperature heat carrier
- Compact design with low noise operation

## Applications

### Suitable Applications

Textile Industry • Printing & Dyeing • Factory Heating • Military Industry • Steam Line Systems • Ironing Facilities • Medical Sterilization