

# Residential/Commercial Heat Pump System

This heat pump system is engineered for both residential and commercial applications, offering efficient heating and cooling. The system includes a compact outdoor unit and an indoor tank, designed for energy savings and environmental sustainability.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Heat Pump Solution

This versatile heat pump system is engineered for both residential and commercial applications, featuring a high-efficiency scroll compressor for outstanding performance. Built with durable, corrosion-resistant materials like 316L stainless steel and titanium, it ensures long-term reliability and thermal efficiency. The modular design allows for flexible scaling, making it an ideal choice for complex hot water projects and solar-integrated systems.

## Core Components

Compressor Technology	High-efficiency scroll compressor
Heat Exchanger Material	316L Stainless Steel
Evaporator Type	Titanium
Throttle System	Electronic expansion valve

## Features & Capabilities

### Control Capabilities

- Water replenishment management
- Return water control
- Electric auxiliary heating integration
- Hot water positioning system
- Real-time operation monitoring

### Key Operational Features

Variable speed fan, Modular design, Defrost optimization, Constant temperature replenishment, Solar integration ready

## Construction & Durability

### Durability Highlights

**316 L**

Stainless Steel Grade

### Housing Material

Corrosion-resistant sprayed sheet metal