

# Geothermal and Water Source Heat Pump System

These geothermal and water source heat pumps offer green building solutions for various applications. The units use advanced compressor technology and heat exchangers to maximize energy efficiency, providing reliable heating and cooling.



## ADDITIONAL IMAGES



## Overview

### Sustainable Climate Control Solutions

This geothermal and water source heat pump system provides a versatile solution for residential and commercial climate control needs. By utilizing stable underground and water temperatures, the system offers efficient heating, cooling, and domestic hot water production. Designed for reliability and sustainability, it minimizes environmental impact while maintaining consistent performance regardless of external weather conditions.

## Performance Metrics

### Efficiency Ratings

**4 ratio**

COP (Standard)

**6 ratio**

EER (Standard)

**4.8 ratio**

COP (Full Liquid)

**7.2 ratio**

EER (Full Liquid)

## System Capabilities

### Available Series

- Small scroll HP
- Sea water HP
- Underground water HP
- Waste water HP
- Geothermal HP
- Oily waste water HP
- River/Lake water HP
- Industrial waste water HP
- Extra-high temperature HP
- HP with heat recovery

### Core Functions

Heating, Cooling, Domestic Hot Water

## Operational Features

### Key Operational Benefits

Energy Saving • Low Operating Cost • Zero Toxic Gas Emission • Stable Thermal Efficiency • Reliable Protection System