

# Geothermal Water Source Heat Pump

This anti-freeze water source heat pump has a rated heating capacity of 19kW and a rated cooling capacity of 14kW. It is designed to maintain a maximum outlet water temperature of 60 .



## ADDITIONAL IMAGES



## Overview

### Sustainable Thermal Management

This geothermal water source heat pump offers a high-efficiency solution for year-round heating and cooling by utilizing the constant temperature of groundwater. Designed for versatility, the unit is suitable for commercial buildings, public facilities, residential apartments, schools, and hospitals. It features a modular design for independent billing and easy maintenance, ensuring long-term reliability and significant energy savings.

## Performance Metrics

### Performance Highlights

**19.5 kW**

Heating Capacity

**18.5 kW**

Cooling Capacity

**3.5**

COP

**5.5 kW**

Input Power

## Technical Specifications

### System Specifications

Parameter	Value
Model	HPS-060
Power Supply	380V/3PH/50HZ
Refrigerant	R410A (2.5kg)
Max Outlet Water Temp	60°C
Water Flow	3.2 m³/h
Water Connection	DN25
Noise Level	58 dB(A)
Dimensions	1200 x 600 x 1400 mm
Net Weight	220 kg

## Features

### System Benefits

- High energy efficiency (4.4-5.5 range)
- Modular design for individual unit billing
- Low-noise operation with double shock absorber design
- Advanced micro-computer control interface
- Easy maintenance access
- Compact structure for space-saving installation

### Suitable Environments

Commercial Buildings, Public Buildings, Residential Apartments, Schools, Hospitals