

# Water Source Heat Pump Unit

This water source heat pump unit is designed for efficient heating and cooling using a water source to transfer heat. It provides consistent temperature control while minimizing environmental impact.



## Overview

### Sustainable Climate Control

This water source heat pump unit utilizes renewable energy from surface soil or water storage to provide efficient, all-weather heating and cooling. By leveraging advanced compressor technology and eco-friendly refrigerants, it offers a sustainable alternative to conventional systems. The unit is designed for high performance, energy savings of over 30%, and seamless integration into high-grade interiors.

## Technical Specifications

Refrigerant Type	R410A, R407C
Source Temperature Adaptation Range	10 to 40 °C

## Performance & Efficiency

### Energy Efficiency Advantage

**30 %**

Energy Savings vs Conventional

**60 %**

Efficiency Ratio vs Air-Cooled

### Compliance

EU RoHS Directive

## Features

### System Capabilities

- Automatic load regulation
- All-weather operation
- No defrosting required in winter
- Stable cooling without water temperature fluctuation
- Microcomputer control
- Individual household metering

## Installation & Operation

Installation Flexibility	Hidden installation suitable for high-grade interior decoration
Control System	Microcomputer-based automatic control