

Water Source Heat Pump for Water Heating

This water source heat pump is designed for efficient heat pump water heating. It features a scroll compressor and is suitable for household electrical appliances and water heaters.



ADDITIONAL IMAGES



Overview

High-Efficiency Water Source Heat Pump

This water source heat pump utilizes the constant temperature of groundwater to provide highly efficient heating and cooling for residential and commercial applications. By leveraging advanced energy conversion, it offers an environmentally friendly alternative to conventional systems with significant operational cost savings. Designed for reliability and ease of use, it features modular capability for flexible installation and independent billing.

Performance Metrics

Energy Efficiency Ratio

4.4

Min Energy Efficiency

5.5

Max Energy Efficiency

Operational Cost Savings

40% - 70% compared to conventional models

Technical Specifications

Unit Features

- Imported high-performance compressors
- Micro-computer control system
- Modular design for independent unit billing
- Double shock absorber design for noise reduction
- Sound-absorbing insulation

Primary Applications

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

Installation and Maintenance

Safety and Setup Requirements

Requirement	Details
Water Supply	Ensure supply from a tank with ~1 ton capacity
Ventilation	Must be placed in a well-ventilated area for heat exchange
Power Failure	System must be switched off immediately