

Multi-Functional Air to Water Heat Pump

This multi-functional air to water heat pump is engineered for efficient heating and cooling. It extracts heat from the ambient air to warm water, suitable for space heating, domestic hot water, or underfloor heating systems.



ADDITIONAL IMAGES



Overview

High-Efficiency Multi-Functional Heat Pump

This advanced air-to-water heat pump provides a versatile and sustainable solution for space heating, cooling, and domestic hot water production. Engineered for high performance in diverse climates, it maintains effective operation at ambient temperatures as low as -25°C while delivering water outlet temperatures up to 60°C. Featuring a compact, service-friendly design and integrated intelligent controls, this unit is designed to meet modern residential and commercial heating demands efficiently.

Performance

Performance Metrics

5.1 SCOP

Energy Efficiency (A7W35)

60 °C

Max Water Outlet Temp

-25 °C

Min Ambient Temp

Energy Rating

A+++

Refrigerant Specification

R32, Low GWP 675

Installation & Maintenance

Installation Advantages

- Compact single-fan outdoor unit design
- Built-in key hydraulic components
- Front-side access for PCB and component maintenance
- No side maintenance clearance required

Physical Dimensions

Unit Type	Dimensions (mm)
Split-type indoor	860 x 460 x 365
Monobloc indoor	600 x 600 x 1750

Intelligent Control

System Capabilities

- High-resolution colorful touch interface
- Supports 20 languages
- APP intelligent control and BMS compatibility
- Integration with solar power and gas furnaces
- Advanced scheduling and disinfection modes