

Air to Water Heat Pump with EVI Technology

This air-to-water heat pump is designed to operate in very cold climates, down to -35 . Equipped with an EVI compressor, it delivers high efficiency and superior heating performance compared to standard heat pumps.



ADDITIONAL IMAGES



Product Overview

High-Efficiency EVI Climate Control

This advanced air-to-water heat pump features Enhanced Vapor Injection (EVI) technology, designed specifically for reliable operation in extreme cold climates down to -35°C. By effectively managing heating and cooling, it offers superior performance compared to standard systems, with heating capacity improvements of 50-80%. It is a versatile solution suitable for residential and commercial applications, including villas, hotels, and offices, and integrates seamlessly with fan coils and floor heating systems.

Technical Specifications



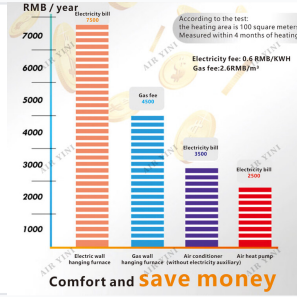
Designed for reliable operation across extreme temperature variances.



High-quality internal components featuring EVI compressor and efficient heat exchangers.

| | |
|----------------------------|---------------|
| Model | YINI-600S-DCN |
| Ambient Temperature Range | -35 to +43°C |
| Power Supply | 380V 3N~50Hz |
| Protection Grade | IPX4 |
| Electric Shock Proof Grade | Class I |

Performance Metrics



Cost-effective heating performance compared to traditional gas and electric systems.

Operational Performance

| Mode | Capacity | COP |
|----------------------------|----------|-----|
| Cooling | 130.0 kW | 2.8 |
| Low-temp Heating (A-12W41) | 82.0 kW | 2.4 |
| Normal Heating (A7W45) | 146.0 kW | 3.6 |

Features & Benefits



Versatile system integration for heating and cooling applications.



Intelligent control panel for precise temperature management and mode selection.

System Compatibility

- Fan Coil Units
- Floor Heating Systems
- Radiators
- Central Air Conditioning

Key Features

EVI Technology, Automatic Defrost, Mechanical Antifreeze, Timed Start, Intelligent Control, Quiet Operation

Compliance & Services



Certified for international safety and performance standards.

Certifications

CE • CB • SAA • GS • ErP • RoHS • SASO