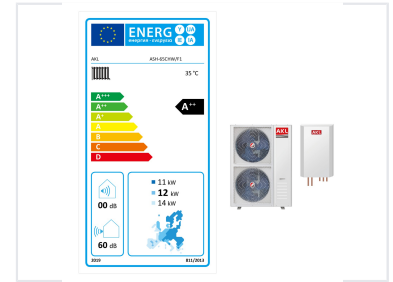
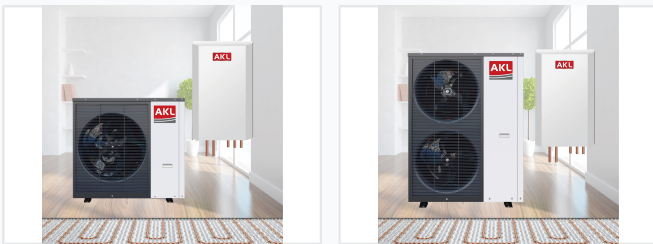


Air to Water Heat Pump for Climate Control

This air to water heat pump offers a new energy-saving solution for house heating and cooling. It provides a sustainable and cost-effective method for maintaining indoor climate.



ADDITIONAL IMAGES



Overview

Sustainable Climate Control Solution

This high-efficiency air-to-water heat pump provides a sustainable and cost-effective solution for residential and commercial space heating, cooling, and domestic hot water production. By extracting heat from the outside air, the system delivers consistent comfort throughout the year while significantly reducing energy consumption. It is fully compatible with modern distribution systems including underfloor heating, radiators, and fan coil units.

Key Performance Metrics

Performance Highlights

4.3

Maximum SCOP (35°C)

30.2 kW

Max Heating Capacity

25 kW

Max Cooling Capacity

Energy Efficiency



The system features a dual-fan outdoor unit and carries an A++ energy efficiency rating for optimized power consumption.

ErP Energy Level

A++ • A++ (35°C)

Compliance & Standards

ENERG, Regulation 811/2013, European Energy Standards

Technical Specifications

Model Performance Data

| Model | Power Supply | Heating Range (kW) | SCOP (35°C) |
|---------------|--------------|--------------------|-------------|
| ASH-35CHW/F1 | 230V/50Hz | 4.0~10.7 | 4.25 |
| ASH-55CHW/F1 | 230V/50Hz | 5.0~15.8 | 4.3 |
| ASH-65CHW/F1 | 400V/50Hz | 6.0~18.6 | 4.22 |
| ASH-85CHW/F1 | 400V/50Hz | 8.0~24.6 | 4.2 |
| ASH-105CHW/F1 | 400V/50Hz | 9.0~30.2 | 4.18 |

Operational Features

Acoustic Performance

- Outdoor Sound Power: 58-60 dB
- Indoor Sound Level: Virtually silent (00 dB)
- Quiet operation for residential comfort

Safety & Maintenance

Over-pressure Protection, Automatic Defrosting, Intelligent Controls, Low Maintenance

System Compatibility

Supported Applications

- Underfloor Heating Systems
- Radiators
- Fan Coil Units
- Domestic Hot Water Production