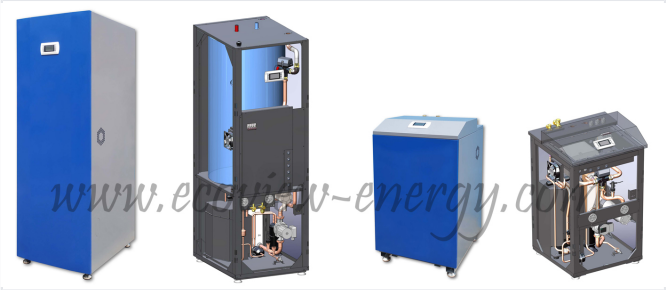
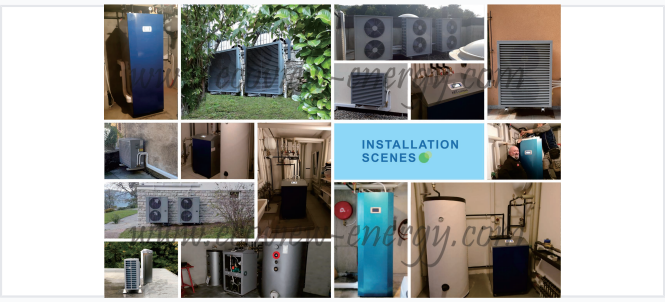
DC Inverter Air Source Heat Pump with Integrated Water Tank

This air source heat pump features a DC inverter and a built-in water tank for energy-efficient heating and cooling. It uses a variable-speed compressor to adjust output based on demand.

Overview



Compact indoor unit design with integrated water storage for residential and commercial heating.



Versatile installation options suitable for both residential and commercial settings.

High-Efficiency DC Inverter Heat Pump

This advanced air source heat pump system features integrated water storage, designed to provide efficient heating and cooling for residential and light commercial environments. By utilizing DC inverter technology, the compressor frequency automatically adjusts to current thermal demands, resulting in significant energy savings compared to traditional ON/OFF models. The system is built with high-quality components for durability, quiet operation, and reliable performance in various climates.

Key Features

System Highlights	DC Inverter Technology, Integrated Water Tank, Wi-Fi Enabled, Anti-Corrosive Coating, High COP Efficiency, Low Noise Operation

Technical Specifications

Outdoor unit options available in 7kw to 50kw power outputs to suit different facility sizes.

Performance Metrics

4.34	60 °C	200 L
Max COP (Heating)	Max Flow Temperature	Water Tank Capacity

Model Specifications

Model	Heating Capacity (kW)	Cooling Capacity (kW)	COP
EV-DCA7	7.35	5.5	4.34
EV-DCA9	9.3	7	4.32
EV-DCA12	12.2	9.2	4.28
EV-DCA16	16.1	12	4.23

Electrical Requirements	380V / 3Ph / 50Hz
Refrigerant	R410A

Dimensions & Weight

Indoor Unit Dimensions (WxDxH)	620 x 760 x 1810 mm
Outdoor Unit Dimensions (WxDxH)	907-915 x 430 x 845-1245 mm

Operating Noise

Noise Levels

- Indoor: d48-49 dB(A)
- Outdoor: d45-49 dB(A)