NEW ALTHERMA R HW

DAIKIN

The World Leading Heat Pump Company



THE GREENER WAY TO HEAT YOUR HOT WATER



IDEAL FOR LOW ENERGY HOMES



INSTALL A NEW HOT WATER SYSTEM OR REPLACE AN OLD ONE

SPLIT TYPE DOMESTIC HOT WATER HEAT PUMP

NEW ALTHERMA R HW

HOT WATER RE-DESIGNED

EKHHP-AB2V3 + ERWQ-AV3

Ideal for those looking for energy efficient water heating

The Altherma R HW domestic hot water heat pump is the best replacement for an electric hot water cylinder. Featuring 85% hydropower for a greener, more energy efficient approach to heating your domestic hot water supply.



COMFORT

Fresh water principle:

The pressureless water tank is an ideal hygienic solution since the domestic hot water circuit is separated from water storage.

As a result of the continuous hot water flow in the INOX heat exchanger there is no corrosion or scale build up.



EASY INSTALLATION

- Pressureless water tank and limited pressure in the heat exchanger.
- Low maintenance: no anode means no scale and lime deposits or corrosion.
- Compact and designed with additional controls for easy installation, operation and maintenance.





RELIABILITY

- Electrical backup (2.0 kW) ensures hot water under all circumstances.
- By just using the heat pump, the temperature of the water can reach up to 55°C and its production is guaranteed down to -15°C.



ENERGY EFFICIENCY

- Heat pump extracts renewable energy from the outside air to produce hot water.
- Increase energy saving and efficiency by connecting the unit to solar panels.



HOT WATER IN AN EFFICIENT WAY

KEY FEATURES:

- Domestic hot water is heated almost immediately.
- All main components of the hot water storage tank (refrigerant connections, electric booster, water connections and user interface) are installed at the top of the tank for easy access.
- Low maintenance: No anode means no scale and lime deposits or corrosion.
- The controller is easy to use and is included in the unit.

SPLIT INVERTER HEAT PUMP:

- Renewable (use of outside air).
- Flexible installation up to 20m of refrigerant piping length.
- Swing Inverter compressor driven to optimize performance.
- Only 1.05 kg refrigerant charge.
- 47 dB(A) Sound pressure (nominal).





ERWQ02AAV3





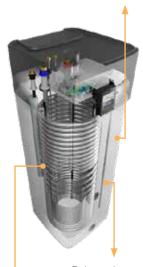


*Minimum ambient temperature of operation.

SPECIFICATIONS

MODEL				EKHHP300AB2V3 (Indoor Unit) ERWQ02AAV3 (Outdoor Unit)
Efficiency	COP			4.30 (1)
Indoor Unit EKHHP300AB2V3	Casing	Colour		Traffic white (RAL9016) / dark grey (RAL7011)
	Dimensions	Unit (Height x Width x Depth)	mm	1,772 x 595 x 615
	Weight	Unit	kg	70
	Tank	Water volume	I	294
		Maximum water temperature	°C	85
	Operation range	Ambient (Min.~ Max.)	°CDB	2 ~ 35
	(Domestic Hot Water)	Water Side (Min.~ Max.)	°C	5 ~ 55
	Refrigerant	Туре		R-410A
Outdoor Unit ERW002AAV3	Dimensions	Unit (Height x Width x Depth)	mm	550 x 765 x 285
	Weight	Unit	kg	35
	Compressor	Quantity		1
		Туре		Hermetically sealed swing compressor
	Operation range	Domestic hot water (Min. ~ Max.)	°CDB	-15 ~ 35
	Refrigerant	Туре		R-410A
		GWP		2,087.5
		Charge	kg	1.05
	Piping Length	OU-IU (Max.)	m	20
		System (Chargless)	m	20
	Level Difference	IU-OU (Max.)	m	15
	Piping Connection	Liquid (OD)	mm	6.35 (Flare connection)
		Gas (OD)	mm	9.50 (Flare connection)
	Sound pressure level	Heating Nom.	dBA	47
		Night Quite Mode (Heating)	dBA	44
	Power supply	Phase / Frequency / Voltage	Hz/V	1~/50/230

Polypropylene casing, resistant to corrosion and shocks



Polyurethane insulation of 5 cm to 8 cm

Stainless steel INOX heat exchanger for hot water production

(1) At 7°C ambient temperature.

ERWQ-AV3-08052020

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