

ALTHERMA 3 - R W SERIES



Perfecting the Air



IDEAL FOR LOW ENERGY HOMES



HEAT PUMP TECHNOLOGY USES WATER TO EFFICIENTLY HEAT AND COOL YOUR HOME



COMPATIBLE WITH HOT WATER HEATING AND EXISTING CONVECTION HEATING SYSTEMS



REFRIGERANT SPLIT TYPE HOT WATER HEAT PUMP

ALTHERMA 3 R W DESIGNED FOR THE FUTURE

EHBH-EF6V + ERGA-EAV3H(7) Series

Ideal for those looking for energy efficient air-to-water heat pump hydronic home heating solutions for compact spaces

By using **renewable energy** from the outside air to heat water, the Altherma 3R hot water heat pump offers greener, more energy efficient home heating with the option to heat your hot water supply too. Featuring next-gen R32 refrigerant for zero ozone depletion potential, it's the perfect system for those who want to make the greener choice.



HIGH PERFORMANCE

Delivering temperatures up to 65 °C at high efficiency, the R-32 Daikin Altherma 3 R is suitable for both underfloor heating and radiators and retains its pedigree trademark in frost protection down to -25 °C, ensuring reliable operation even in the coldest climates. The optimal combination technology offers the highest performance:

- Heating efficiency up to a COP of 4.6 (at 7 °C/35 °C)

Available in 8 kW.



FLEXIBILITY TO PROVIDE DOMESTIC HOT WATER

If the end user requires hot water and installation height is limited, a separate tank can provide the required installation flexibility.



The Greener Choice

Altherma Heating Systems harness the power of water and renewable energy for efficient, future thinking hot water and home heating solutions.

7.5kW
RATED HEATING
CAPACITIES

1
MODELS



(OPTIONAL)



EASY TO CONTROL

The combined effect of the Daikin Altherma weather dependent set-point controls and its inverter compressors maximises the efficiency of the R-32 Daikin Altherma 3 R at each outdoor temperature, assuring consistent room temperatures at all times.



EASY TO INSTALL

Delivered ready to work: all key hydraulic elements are already factory mounted. The new design enables that all servicing can be done from the front and all piping can be accessed at the top of the unit. Stylish modern indoor unit outlook. The outdoor unit is tested and charged with refrigerant, installation time is reduced.

Note: Cooling operation is available and requires an optional kit.



Daikin Altherma 3 RW

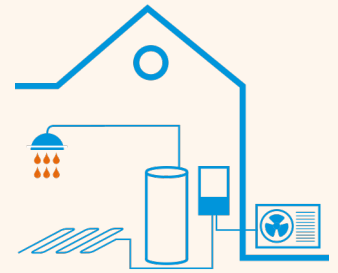
Wall mounted unit

High flexibility for installation and domestic hot water connection

- Compact unit with small installation (almost no side clearance is required)

- Stylish modern design

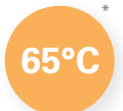
- Can be combined with a space separate domestic hot water tank up to 500 litres, with or without solar support



ERGA-EAV3H(7)



BRC1HHDS (Optional)



EHBH-EF6V

* Maximum leaving water temperature

** Minimum ambient temperature of operation

SPECIFICATIONS

MODEL	EHBH (Indoor Unit) + ERGA (Outdoor Unit)			08EF6V + 08EAV3H(7)	
Heating Capacity	Nom.		kW	7.50 ⁽¹⁾	
Power Input	Heating	Nom.	kW	1.63 ⁽¹⁾	
Efficiency	COP			4.60 ⁽¹⁾	
Indoor Unit EHBH08DA6V	Casing	Colour / Material		White + Black / Resin sheet metal	
	Dimensions	Unit (Height x Width x Depth)	mm	840 x 440 x 390	
	Weight	Unit	kg	42	
	Operation range	Heating / Domestic hot water	Water side (Min. ~ Max.)	°C	15 ~ 65 / 25 ~ 75
	Sound power level / Sound pressure level	Nom.		dBA	42 / 28
Outdoor Unit ERGA08DAV3	Dimensions	Unit (Height x Width x Depth)	mm	740 x 884 x 388	
	Weight	Unit	kg	58.5	
	Compressor	Quantity		1	
	Operation range	Cooling / Domestic hot water	Min. ~ Max.	°CDB	10~43 / -25 ~ 35
		Type / GWP			R-32 / 675.0
		Charge		kg	1.50
	Refrigerant	Control			Expansion valve
	Sound power level	Heating / Cooling	Nom.	dBA	62 / 62
	Sound pressure level	Heating / Cooling	Nom.	dBA	49 / 50
	Power supply	Phase / Frequency / Voltage		Hz / V	1 / 50 / 230
Current	Recommended fuses		A	25	

(1) Cooling Ta 35 °C - LWE 18 °C (DT = 5 °C); heating Ta DB/WB 7 °C/6 °C - LWC 35 °C (DT = 5 °C)

Notes: The specifications, designs & information in this flyer are subject to change without notice. Unit colours shown are as close as possible to actual unit colours. Colours depicted in this flyer may vary slightly.

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