

NEW ALTHERMA 3 - R W SERIES



The World Leading Heat Pump Company



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



The Greener Choice

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

REFRIGERANT SPLIT TYPE HOT WATER HEAT PUMP

NEW ALTHERMA 3 R W DESIGNED FOR THE FUTURE

EHBH-D6V + ERGA-DV3 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.

7.5kW
RATED HEATING CAPACITIES

1
MODELS



(OPTIONAL)



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.



EASY TO CONTROL

The combined effect of the Daikin Altherma weather dependent set-point controls and its inverter compressors maximises the efficiency of the new 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

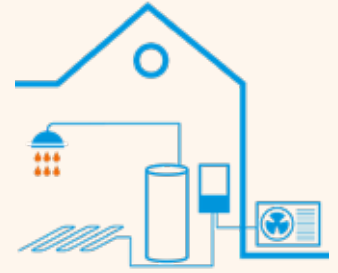
Wall mounted unit

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-DV



BRC1HHDS (Optional)



EHBH-D6V



* Maximum leaving water temperature

** Minimum ambient temperature of operation

SPECIFICATIONS

MODEL		EHBH (Indoor Unit) + ERGA (Outdoor Unit)			08DA6V + 08DAV3		
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	
		Type				Hermetically sealed swing compressor	
	Operation range	Cooling / Domestic hot water		Min. - Max.	°CDB	10~43 / -25 ~ 35	
	Refrigerant	Type / GWP				R-32 / 675.0	
		Charge			kg	1.50	
		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)

Your Local Daikin Specialist Dealer:



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