

Daikin Altherma low temperature split

EHBH-CBV



Guaranteed operation down to -20°C



Online controller via app

Wall mounted heating only air to water heat pump without back-up heater

- › Energy efficient heating only system without back-up heater
- › Perfect fit for new built as well as for low energy houses
- › Best seasonal efficiencies, providing the highest savings on running costs
- › Flexible configuration with respect to heat emitters
- › Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption

EHBH-CBV + ERHQ-BW1/ERHQ-BV3



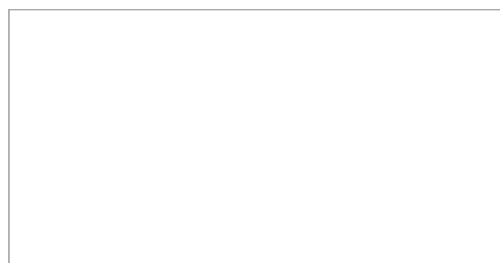
Indoor Unit		EHBH	11CBV	16CBV	11CBV	16CBV
Casing	Colour	White				
	Material	Precoated sheet metal				
Dimensions	Unit	890x480x344				
Weight	Unit	kg	41.0	42.0	41.0	42.0
Operation range	Heating	Water side	Min.~Max. °C			
	Domestic hot water	Water side	Min.~Max. °C			
Sound power level	Nom.	dBA	41.0	44.0	41.0	44.0
Sound pressure level	Nom.	dBA	27.0	30.0	27.0	30.0

Efficiency data				EHBH + ERHQ	11CBV + 011BV3	16CBV + 014BV3	16CBV + 016BV3	11CBV + 011BW1	16CBV + 014BW1	16CBV + 016BW1
Space heating	Average climate water outlet 55°C	General	SCOP	2.86	2.82	2.92	2.90	2.80	2.96	
			η_s (Seasonal space heating)	112	110	114	113	109	115	
	Average climate water outlet 35°C	General	SCOP	2.99	3.23	3.29	3.08	3.34	3.33	
			η_s (Seasonal space heating)	117	126	129	120	131	130	
Heating capacity	Nom.	kW	11.2 (1) / 10.3 (2)	14.0 (1) / 13.1 (2)	16.0 (1) / 15.2 (2)	11.3 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.1 (1) / 15.1 (2)		
Power input	Heating	Nom.	kW	2.55 (1) / 3.17 (2)	3.26 (1) / 4.04 (2)	3.92 (1) / 4.75 (2)	2.63 (1) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)	
COP				4.39 (1) / 3.25 (2)	4.29 (1) / 3.24 (2)	4.08 (1) / 3.20 (2)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)	

Outdoor Unit		ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1
Dimensions	Unit	HeightxWidthxDepth mm	1,170x900x320			1,345x900x320		
Weight	Unit	kg	102			108		
Compressor	Quantity		1					
	Type		Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.	°CDB					
	Domestic hot water	Min.~Max.	°CDB					
Refrigerant	Type		R-410A					
	GWP		2,087.5					
	Charge	TCO ₂ eq	5.6			6.3		
		kg	2.7			3.0		
	Control		Expansion valve (electronic type)					
Sound power level	Heating	Nom.	dBA		64	66	64	66
	Cooling	Nom.	dBA		64	66	69	69
Sound pressure level	Heating	Nom.	dBA		49	51	53	52
	Cooling	Nom.	dBA		50	52	54	54
Power supply	Name/Phase/Frequency/Voltage	Hz/V	V3/1~/50/230			W1/3N~/50/400		
Current	Recommended fuses	A	32			20		

Condition 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) | Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C) | Contains fluorinated greenhouse gases

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