

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



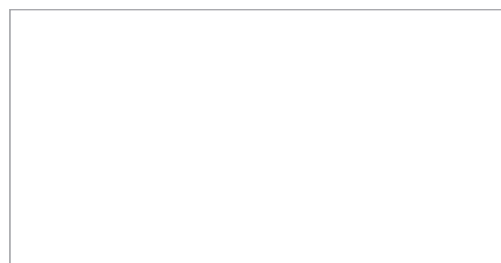
Indoor Unit		EHBH	11CBV	16CBV	11CBV	16CBV
Casing	Colour	White				
	Material	Precoated sheet metal				
Dimensions	Unit	890x480x344				
Weight	Unit	kg	41.0	42.0	41.0	42.0
Operation range	Heating	Water side Min.~Max.	°C 10~55.0			
	Domestic hot water	Water side Min.~Max.	°C 25~80			
Sound power level	Nom.	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			mm 1,345x900x320			
Weight	Unit	kg	102			108			
Compressor	Quantity	1							
	Type	Hermetically sealed scroll compressor							
Operation range	Cooling	Min.~Max.	°CDB 10.0~46.0						
	Domestic hot water	Min.~Max.	°CDB -20 ~35						
Refrigerant	Type	R-410A							
	GWP	2,087.5							
	Charge	TCO ₂ eq	kg 5.6			kg 6.3			
Sound power level	Control	Expansion valve (electronic type)							
		Heating	Nom.	dBA 64		dBA 66		dBA 64	
	Cooling	Nom.	dBA 64	dBA 66	dBA 69	dBA 64	dBA 66	dBA 69	
	Sound pressure level	Heating	Nom.	dBA 49	dBA 51	dBA 53	dBA 51	dBA 52	dBA 52
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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