

Daikin Altherma low temperature split

EHBH-CBV



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
- › Outdoor unit extracts heat from the outdoor air, even at -25°C
- › Inverter controlled swing compressor

EHBH-CBV + ERLQ-CV3/ER-LQ-CW1



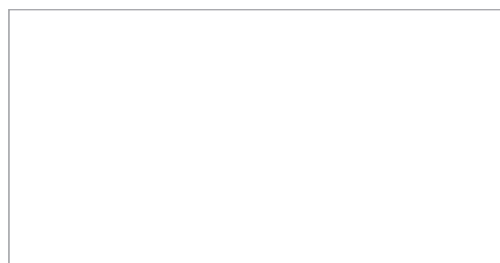
Indoor Unit		EHBH	04CBV	08CBV	11CBV	16CBV	11CBV	16CBV
Casing	Colour	White						
	Material	Precoated sheet metal						
Dimensions	Unit	890x480x344						
Weight	Unit	kg	39.0	41.0		42.0	41.0	42.0
Operation range	Heating	Water side Min.~Max.	10 (1)~55.0		10 (1)~55.0 (2)			
	Domestic hot water	Water side Min.~Max.	25~80					
Sound power level	Nom.	dBA	40.0		41.0	44.0	41.0	44.0
Sound pressure level	Nom.	dBA	26.0		27.0	30.0	27.0	30.0

Efficiency data				EHBH + ERLQ	04CBV + 004CV3	08CBV + 006CV3	08CBV + 008CV3	11CBV + 011CV3	16CBV + 014CV3	16CBV + 016CV3	11CBV + 011CW1	16CBV + 014CW1	16CBV + 016CW1
Space heating	Average climate water outlet 55°C	General	SCOP	3.20	3.22	3.20	3.09	3.16	3.06	3.09	3.16	3.06	
			η_s (Seasonal) Seasonal space heating	%	125	126	125	120	123	119	120	123	119
	Average climate water outlet 35°C	General	SCOP	4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80	
			η_s (Seasonal) Seasonal space heating	%	178	169	171	156	153	149	156	153	149
Heating capacity	Nom.		kW	4.40 (3) / 4.03 (4)	6.00 (3) / 5.67 (4)	7.40 (3) / 6.89 (4)	11.2 (3) / 11.0 (4)	14.5 (3) / 13.6 (4)	16.0 (3) / 15.2 (4)	11.2 (3) / 11.0 (4)	14.5 (3) / 13.6 (4)	16.0 (3) / 15.2 (4)	
Power input	Heating	Nom.	kW	0.870 (3) / 1.13 (4)	1.27 (3) / 1.59 (4)	1.66 (3) / 2.01 (4)	2.43 (3) / 3.10 (4)	3.37 (3) / 4.10 (4)	3.76 (3) / 4.66 (4)	3.42 (3) / 4.21 (4)	3.37 (3) / 4.10 (4)	3.76 (3) / 4.66 (4)	
COP				5.04 (3) / 3.58 (4)	4.74 (3) / 3.56 (4)	4.45 (3) / 3.42 (4)	4.60 (3) / 2.75 /	4.30 (3) / 2.65 /	4.25 (3) / 2.64 /	4.60 (3) / 2.75 /	4.30 (3) / 2.65 /	4.25 (3) / 2.64 /	

Outdoor Unit		ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth	735x832x307				1,345x900x320				
Weight	Unit	kg	54	56			113			114	
Compressor	Quantity		1			1					
	Type		Hermetically sealed swing compressor			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.	10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.	-25 ~35			-20 ~35					
Refrigerant	Type		R-410A								
	GWP		2,087.5								
	Charge	TCO ₂ eq	kg	3.1	3.3			7.1			
		Control		1.5	1.6	Expansion valve (electronic type)					
Sound power level	Heating	Nom.	dBA	61	62	64	66	64	66		
	Cooling	Nom.	dBA	63		64	66	69	64	66	
Sound pressure level	Heating	Nom.	dBA	48	49	51	52	51	52		
	Cooling	Nom.	dBA	48	49	50	52	50	52		
Power supply	Name/Phase/Frequency/Voltage	Hz/V	V3/1~/50/230						W1/3N~/50/400		
Current	Recommended fuses	A	16			20			40		

Contains fluorinated greenhouse gases | 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) | Condition 3: heating Ta DB -7°C (RH85%) - LWC 35°C | Condition 4: heating Ta DB -7°C (RH85%) - LWC 45°C

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)



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