

Daikin Altherma low temperature split

EHVH-CB6W



DAIKIN
altherma



Guaranteed operation down to -20°C



Online controller via app

Floor standing air to water heat pump for heating and hot water, ideal for low energy houses

- › Integrated indoor unit: pre-plumbed and pre-wired indoor unit for a simpler, hassle free and neater heating and hot water installation
- › Energy efficient heating only system based on air to water heat pump technology
- › Perfect fit for new built as well as for low energy houses

- › Best seasonal efficiencies, providing the highest savings on running costs
- › 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

EHVH-CB6W + ERHQ-BW1/ER-HQ-BV3



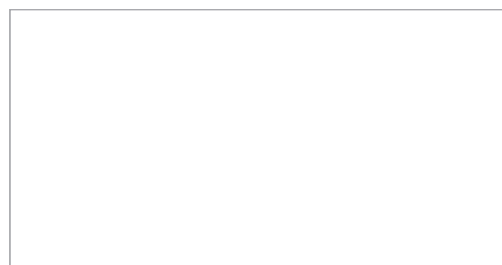
Indoor Unit		EHVH	11SU26CB6W	16SU26CB6W	11SU26CB6W	16SU26CB6W	
Casing	Colour		White				
	Material		Precoated sheet metal				
Dimensions	Unit	HeightxWidthxDepth	mm	1,732x600x728			
Weight	Unit		kg	128	130	128	130
Tank	Water volume		l	260			
	Maximum water temperature		°C	65			
	Maximum water pressure		bar	10			
	Corrosion protection			Anode			
Operation range	Heating	Water side Min.~Max.	°C	15~55.0			
	Domestic hot water	Water side Min.~Max.	°C	25~65			
Sound power level	Nom.		dBA	42.0	44.0	42.0	44.0
Sound pressure level	Nom.		dBA	28.0	30.0	28.0	30.0

Efficiency data				EHVH + ERHQ	11SU26CB6W + 011BV3	16SU26CB6W + 014BV3	16SU26CB6W + 016BV3	11SU26CB6W + 011BW1	16SU26CB6W + 014BW1	16SU26CB6W + 016BW1
 Space heating	Average climate	General	SCOP		2.86	2.82	2.92	2.90	2.80	2.96
	water outlet		η_s (Seasonal)	%	112	110	114	113	109	115
	55°C		Seasonal space heating		A+					
	Average climate	General	SCOP		2.99	3.23	3.29	3.08	3.34	3.33
	water outlet		η_s (Seasonal)	%	117	126	129	120	131	130
	35°C		Seasonal space heating		A	A+		A	A+	
	Domestic hot water heating	General	Declared load profile			XL				
	Average climate	η_{wh} (water heating efficiency)	%	95.3						
		Water heating energy efficiency class			A					
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	10.0~46.0					
	Domestic hot	Min.~Max.	°CDB	-20 ~35					
Refrigerant	Type			R-410A					
	GWP			2,087.5					
	Charge			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	64	66	69
Sound pressure level	Heating	Nom.	dBA	49	51	53	51		52
	Cooling	Nom.	dBA	50	52	54	50	52	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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