



Daikin Altherma low temperature split

EHVH-CBV

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: all-in-one floor standing unit including the domestic hot water tank
- › 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
- › 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-CBV + ERHQ-BV3/BW1



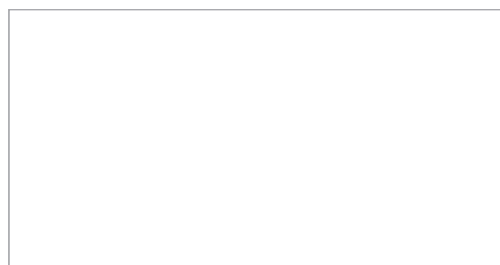
Indoor Unit		EHVH	11S26CBV	16S26CBV
Casing	Colour		White	
	Material		Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth mm	1,732x600x728	
Weight	Unit	kg	124	126
Tank	Water volume	l	260	
	Maximum water temperature	°C	65	
	Maximum water pressure	bar	10	
	Corrosion protection		Anode	
Operation range	Heating	Water side Min.~Max. °C	10~55.0	
	Domestic hot water	Water side Min.~Max. °C	25~70	
Sound power level	Nom.	dBA	42.0	44.0
Sound pressure level	Nom.	dBA	28.0	30.0

Efficiency data				EHVH + ERHQ	11S26CBV + 011BV3	16S26CBV + 014BV3	16S26CBV + 016BV3	11S26CBV + 011BW1	16S26CBV + 014BW1	16S26CBV + 016BW1
Space heating 	Average climate	General	SCOP	2.86	2.82	2.92	2.90	2.80	2.96	
	water outlet		η_{sp} 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	
Domestic hot water heating 	water outlet		η_{sp} Seasonal	%	117	126	129	120	131	130
	35°C		Seasonal space heating	A	A+			A	A+	
	General	Declared load profile			XL					
	Average climate	η_{wh} (water heating efficiency)	%	95.3			87.3			
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	
Sound pressure level	Heating	Nom.	dBA		49		51		53		51		52	
	Cooling	Nom.	dBA		50		52		54		50		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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