

Daikin Altherma low temperature split

EHVH-CB



Guaranteed
operation
down to -25°C

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

- › Perfect fit for new built as well as for low energy houses
- › Best seasonal efficiencies, providing the highest savings on running costs
- › Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- › Energy efficient heating only system based on air to water heat pump technology
- › Flexible configuration with respect to heat emitters
- › Outdoor unit extracts heat from the outdoor air, even at -25°C

EHVH-CB + ERLQ-CV3/CW1



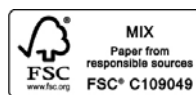
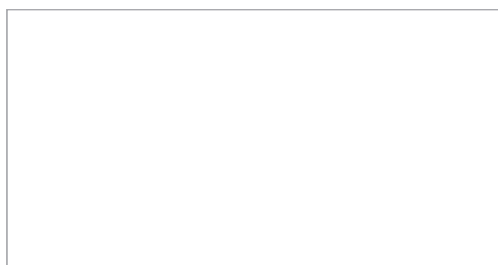
Efficiency data		EHVH + ERLQ	04S18CB3V + 004CV3	08S18CB3V / 08S26CB9W + 006CV3	08S18CB3V / 08S26CB9W + 008CV3	11S18CB3V / 11S26CB9W + 011CV3	16S18CB3V / 16S26CB9W + 014CV3	16S18CB3V / 16S26CB9W + 016CV3	11S18CB3V / 11S26CB9W + 011CW1	16S18CB3V / 16S26CB9W + 014CW1	16S18CB3V / 16S26CB9W + 016CW1	
Heating capacity	Min.	kW	1.80 (1) / 1.80 (2)									
	Nom.	kW	4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	11.2 (1) / 11.00 (2)	14.5 (1) / 13.60 (2)	16 (1) / 15.20 (2)	11.2 (1) / 11.00 (2)	14.5 (1) / 13.60 (2)	16 (1) / 15.20 (2)	
	Max.	kW	5.12 (1) / 4.90 (2)	8.35 (1) / 7.95 (2)	10.02 (1) / 9.53 (2)	8.6 (3) / 8.60 (4)	10.6 (3) / 10.80 (4)	11.4 (3) / 10.90 (4)	8.6 (3) / 8.60 (4)	10.6 (3) / 10.80 (4)	11.4 (3) / 10.90 (4)	
Power input	Heating	Nom.	kW	0.87 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
		Max.	kW	-			3.13 (3) / 4.10 (4)	4.00 (3) / 5.19 (4)	4.32 (3) / 5.22 (4)	3.13 (3) / 4.10 (4)	4.00 (3) / 5.19 (4)	4.32 (3) / 5.22 (4)
Nominal efficiency COP				5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.6 (1) / 2.75 (3) / 3.55 (2) / 2.10 (4)	4.3 (1) / 2.65 (3) / 3.32 (2) / 2.08 (4)	4.25 (1) / 2.64 (3) / 3.26 (2) / 2.09 (4)	4.6 (1) / 2.75 (3) / 3.55 (2) / 2.10 (4)	4.3 (1) / 2.65 (3) / 3.32 (2) / 2.08 (4)	4.25 (1) / 2.64 (3) / 3.26 (2) / 2.09 (4)

Indoor unit		EHVH	04S18CB3V	08S18CB3V / 08S26CB9W	11S18CB3V / 11S26CB9W	16S18CB3V / 16S26CB9W	11S18CB3V / 11S26CB9W	16S18CB3V / 16S26CB9W	
Casing	Colour	White							
	Material	Precoated sheet metal							
Dimensions	Unit	HeightxWidthxDepth	mm						
			1,732x600x728						
Weight	Unit	kg	116	117/126	117/126	118/127	117/126	118/127	
Tank	Water volume	l	180	180/260					
	Insulation Heat loss	kWh/24h	1.4	1.4/1.9					
	Corrosion protection		Anode						
Sound power level	Cooling	dBA	42					-	
Sound pressure level	Cooling	Nom.	dBA	28					-

Outdoor unit		ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1	
Dimensions	Unit	HeightxWidthxDepth	mm				1,345x900x320					
			735x832x307									
Weight	Unit	kg	54	56		113			114			
Operation range	Heating	Ambient	Min.-Max.	°CDB		-25~25			-25~35			
	Domestic hot water	Ambient	Min.-Max.	°CWB		-25~35			-20~35			
Refrigerant	Type / GWP	R-410A / 2,087.5										
	Charge	kg/ TCO ₂ Eq	1.45/ 3.0	1.6/ 3.3		3.4/ 7.1						
Sound power level	Heating	dBA	61	62		64	66		64	66		
Sound pressure level	Heating	Nom.	dBA	48	49		51	52		51	52	
Power supply	Phase / Frequency / Voltage	Hz / V	V3/1~/50/230						W1/3N~/50/400			
Current - 50Hz	Maximum fuse amps (MFA)	A	20			40			20			

(1) 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) (2) 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) (3) Condition 3: heating Ta DB -7°C (RH85%) - LWC 35°C (4) Condition 4: heating Ta DB -7°C (RH85%) - LWC 45°C | Contains fluorinated greenhouse gases

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