

# Daikin Altherma low temperature split

EHVX-CB



Guaranteed  
operation  
down to -25°C

Floor standing air to water heat pump for heating, cooling 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 and cooling 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

# EHVX-CB + ERLQ-CV3/CW1



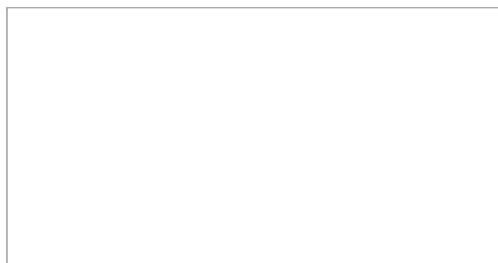
Efficiency data		EHVX + ERLQ	04S18CB3V + 004CV3	08S18CB3V / 08S26CB9W + 006CV3	08S18CB3V / 08S26CB9W + 008CV3	11S18CB3V / 11S26CB9W + 011CV3	16S18CB3V / 16S26CB9W + 014CV3	16S18CB3V / 16S26CB9W + 016CV3	11S18CB3V / 11S26CB9W + 011CW1	16S18CB3V / 16S26CB9W + 014CW1	16S18CB3V / 16S26CB9W + 016CW1	
Heating 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)	
Cooling capacity	Min.	kW	2.00 (1) / 2.00 (2)			-						
	Nom.	kW	4.08 (1) / 4.17 (2)	5.88 (1) / 4.84 (2)	6.20 (1) / 5.36 (2)	12.13 (1) / 11.72 (2)	12.72 (1) / 12.55 (2)	13.79 (1) / 13.12 (2)	12.13 (1) / 11.72 (2)	12.72 (1) / 12.55 (2)	13.79 (1) / 13.12 (2)	
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)
	Cooling	Nom.	kW	0.90 (1) / 1.80 (2)	1.51 (1) / 2.07 (2)	1.64 (1) / 2.34 (2)	3.05 (1) / 4.31 (2)	3.21 (1) / 5.08 (2)	3.74 (1) / 5.73 (2)	3.05 (1) / 4.31 (2)	3.21 (1) / 5.08 (2)	3.74 (1) / 5.73 (2)
		Max.	kW	-			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)
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)	
	EER		4.55 (1) / 2.32 (2)	3.89 (1) / 2.34 (2)	3.79 (1) / 2.29 (2)	3.98 (1) / 2.72 (2)	3.96 (1) / 2.47 (2)	3.69 (1) / 2.29 (2)	3.98 (1) / 2.72 (2)	3.96 (1) / 2.47 (2)	3.69 (1) / 2.29 (2)	

Indoor unit		EHVX	04S18CB3V	08S18CB3V / 08S26CB9W	11S18CB3V / 11S26CB9W	16S18CB3V / 16S26CB9W	11S18CB3V / 11S26CB9W	16S18CB3V / 16S26CB9W
Casing	Colour		White					
	Material		Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth	mm					
Weight	Unit		kg					
Tank	Water volume		l					
	Insulation	Heat loss	kWh/24h					
	Corrosion protection		Anode					
Sound power level	Cooling		dBA					
Sound pressure level	Cooling	Nom.	dBA					

Outdoor unit		ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth	mm								
Weight	Unit		kg								
Operation range	Heating	Ambient	Min.-Max.		°CDB						
	Cooling	Ambient	Min.-Max.		°CWB						
	Domestic hot water	Ambient	Min.-Max.		°CWB						
Refrigerant	Type / GWP		R-410A / 2,087.5								
	Charge	kg / TCO <sub>2</sub> Eq	1.45 / 3.0			1.6 / 3.3			3.4 / 7.1		
Sound power level	Cooling		dBA								
	Heating		dBA								
Sound pressure level	Cooling	Nom./Silent operation	dBA								
	Heating	Nom.	dBA								
Power supply	Phase / Frequency / Voltage		Hz / V								
Current - 50Hz	Maximum fuse amps (MFA)		A			A			A		

(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

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



ECPEN15-758 03/15



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