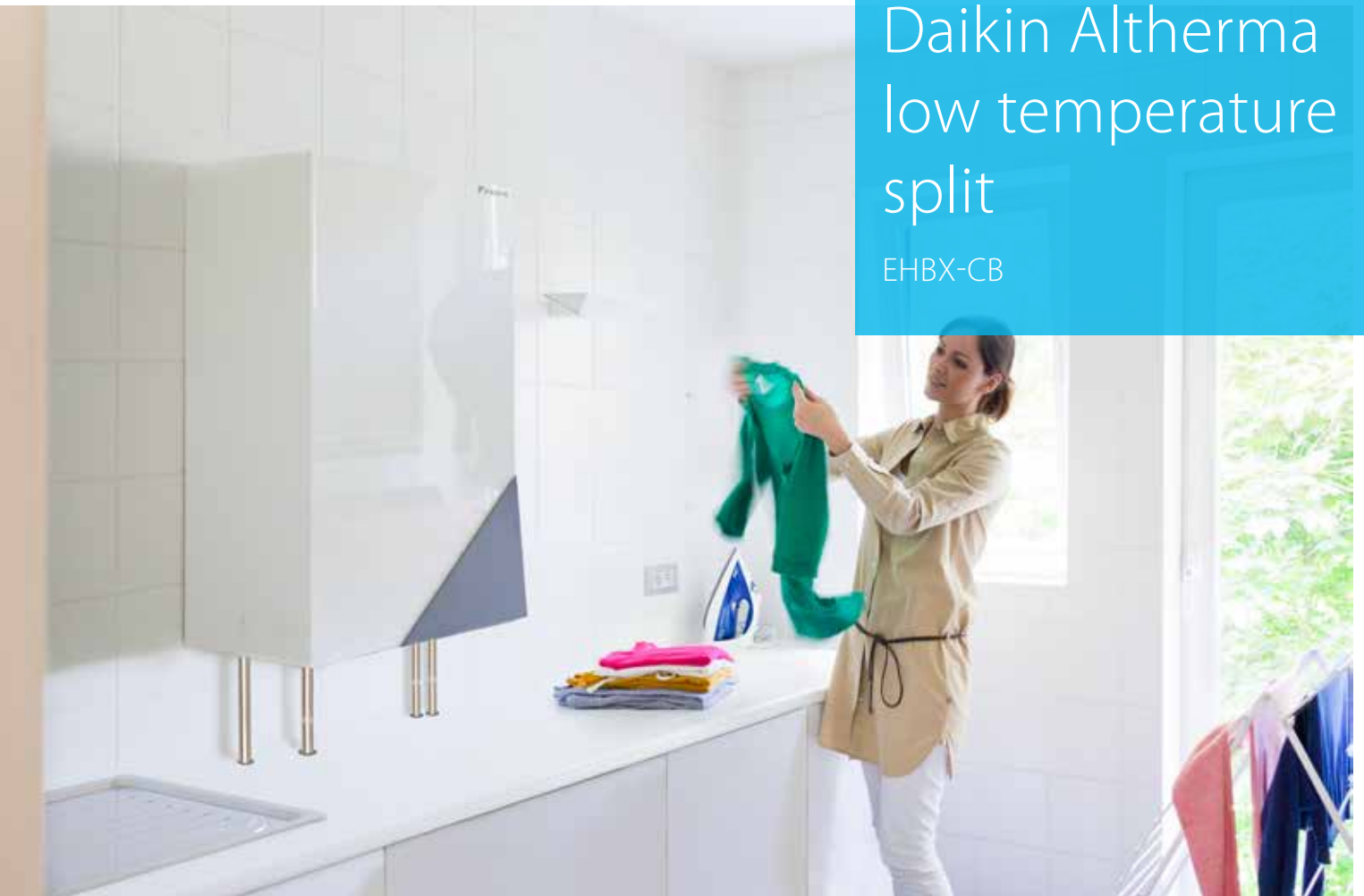


# Daikin Altherma low temperature split

EHBX-CB



Guaranteed  
operation  
down to -25°C

Wall mounted reversible air to water heat pump  
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
- › Wall mounted indoor unit
- › Energy efficient heating and cooling system based on air to water heat pump technology
- › Flexible configuration with respect to heat emitters
- › Possible to combine with domestic hot water
- › Outdoor unit extracts heat from the outdoor air, even at -25°C

# EHBX-CB + ERLQ-CV3/CW1



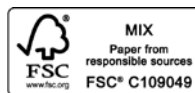
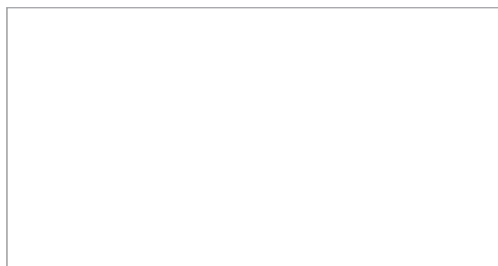
Efficiency data			EHBX + ERLQ		04CB3V + 004CV3	08CB3V/9W + 006CV3	08CB3V/9W + 008CV3	11CB3V/9W + 011CV3	16CB3V/9W + 014CV3	16CB3V/9W + 016CV3	11CB3V/9W + 011CW1	16CB3V/9W + 014CW1	16CB3V/9W + 016CW1
Heating capacity	Nom.		kW		4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)	11.2 (1) / 11.0 (2)	14.5 (1) / 13.6 (2)	16.0 (1) / 15.2 (2)
Cooling capacity	Nom.		kW		4.08 (1) / 4.17 (2)	5.88 (1) / 4.84 (2)	6.20 (1) / 5.36 (2)	12.1 (1) / 11.7 (2)	12.7 (1) / 12.6 (2)	13.8 (1) / 13.1 (2)	12.1 (1) / 11.7 (2)	12.7 (1) / 12.6 (2)	13.8 (1) / 13.1 (2)
Power input	Heating	Nom.	kW		0.870 (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)
	Cooling	Nom.	kW		0.900 (1) / 1.180 (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)
COP					5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.60 (1) / 3.55 (3) / 2.10 (4)	4.30 (1) / 3.32 (3) / 2.08 (4)	4.25 (1) / 3.26 (3) / 2.09 (4)	4.60 (1) / 3.55 (3) / 2.10 (4)	4.30 (1) / 3.32 (3) / 2.08 (4)	4.25 (1) / 3.26 (3) / 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)
Domestic hot water heating	General	Declared load profile											
	Average climate	$\eta_{wh}$ (water heating efficiency) %											
Space heating	Average climate water outlet 55°C	General	SCOP $\eta_s$ (Seasonal space heating efficiency) %	Water heating energy efficiency class	3.20	3.22	3.23	3.09	3.16	3.06	3.09	3.16	3.06
					125	126		120	123	119	120	123	119
					A++			A+					
	Average climate water outlet 35°C	General	SCOP $\eta_s$ (Seasonal space heating efficiency) %	Water heating energy efficiency class	4.52	4.29	4.34	3.98	3.90	3.80	3.98	3.90	3.80
				178	169	171	156	153	149	156	153	149	
				A++			A+		A++		A+		

Indoor Unit			EHBX		04CB3V	08CB3V/9W	08CB3V/9W	11CB3V/9W	16CB3V/9W	16CB3V/9W	11CB3V/9W	16CB3V/9W	16CB3V/9W
Casing	Colour		White										
	Material		Precoated sheet metal										
Dimensions	Unit	HeightxWidthxDepth	mm										
Weight	Unit		kg										
Operation range	Heating	Water side Min.~Max.	°C										
	Cooling	Water side Min.~Max.	°C										
	Domestic hot water	Water side Min.~Max.	°C										
Refrigerant	Charge		TCO <sub>2</sub> eq										
	GWP												
Sound power level	Nom.		dBA										
Sound pressure level	Nom.		dBA										

Outdoor Unit			ERLQ		004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth	mm										
Weight	Unit		kg										
Compressor	Quantity												
	Type												
Operation range	Cooling	Min.~Max.	°CDB										
	Domestic hot water	Min.~Max.	°CDB										
Refrigerant	Type / GWP		R-410A / 2,087.5										
	Charge		TCO <sub>2</sub> eq / kg										
Sound power level	Heating	Nom.	dBA										
	Cooling	Nom.	dBA										
Sound pressure level	Heating	Nom.	dBA										
	Cooling	Nom.	dBA										
Power supply	Name/Phase/Frequency/Voltage		Hz/V										
Current	Recommended fuses		A										

(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) 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) Ta DB -7°C (RH85%) - LWC 35°C (4) Ta DB -7°C (RH85%) - LWC 45°C (5) Contains fluorinated greenhouse gases

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