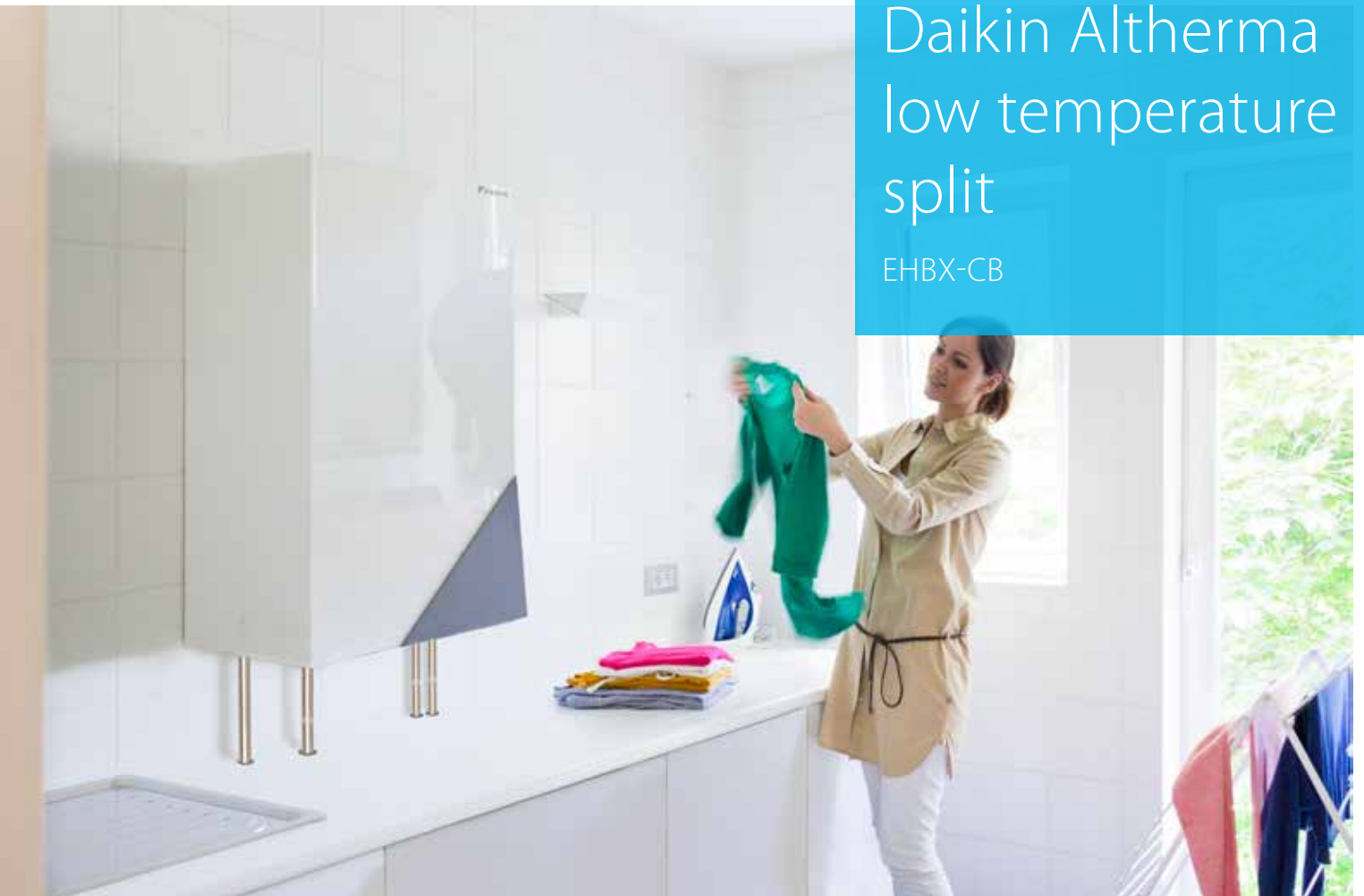


Daikin Altherma low temperature split

EHBX-CB



Guaranteed
operation
down to -20°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 -20°C

EHBX-CB + ERHQ-BV3/BW1



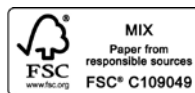
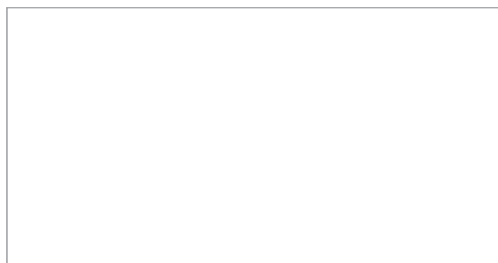
Efficiency data			EHBX + ERHQ	11CB3V / 11CB9W + 011BV3	16CB3V / 16CB9W + 014BV3	16CB3V / 16CB9W + 016BV3	11CB3V / 11CB9W + 011BW1	16CB3V / 16CB9W + 014BW1	16CB3V / 16CB9W + 016BW1
Heating capacity	Nom.		kW	11.2 (3) / 10.30 (4)	14.0 (3) / 13.1 (4)	16.0 (3) / 15.2 (4)	11.32 (1) / 10.98 (2)	14.50 (1) / 13.57 (2)	16.05 (1) / 15.11 (2)
Cooling capacity	Nom.		kW	13.9 (2) / 10.0 (1)	17.3 (2) / 12.5 (1)	17.8 (2) / 13.1 (1)	15.05 (1) / 11.72 (2)	16.06 (1) / 12.55 (2)	16.76 (1) / 13.12 (2)
Power input	Heating	Nom.	kW	2.55 (3) / 3.17 (4)	3.26 (3) / 4.04 (4)	3.92 (3) / 4.75 (4)	2.63 (1) / 3.24 (2)	3.42 (1) / 4.21 (2)	3.82 (1) / 4.69 (2)
	Cooling	Nom.	kW	3.86 (2) / 3.69 (1)	5.86 (2) / 5.39 (1)	6.87 (2) / 5.95 (1)	4.53 (1) / 4.31 (2)	5.43 (1) / 5.08 (2)	6.16 (1) / 5.73 (2)
Nominal efficiency	COP			4.39 (3) / 3.25 (4)	4.29 (3) / 3.24 (4)	4.08 (3) / 3.20 (4)	4.30 (1) / 3.39 (2)	4.24 (1) / 3.22 (2)	4.20 (1) / 3.22 (2)
	EER			3.60 (2) / 2.71 (1)	2.95 (2) / 2.32 (1)	2.59 (2) / 2.20 (1)	3.32 (1) / 2.72 (2)	2.96 (1) / 2.47 (2)	2.72 (1) / 2.29 (2)

Indoor unit		EHBX	11CB3V / 11CB9W	16CB3V / 16CB9W	11CB3V / 11CB9W	16CB3V / 16CB9W	
Casing	Colour		White				
	Material		Precoated sheet metal				
Dimensions	Unit	HeightxWidthxDepth	mm				
			890x480x344				
Weight	Unit		kg	43	44	43	44
Sound power level	Cooling			dBA			
Sound pressure level	Cooling	Nom.		dBA			

Outdoor unit		ERHQ	011BV3	014BV3	016BV3	011BW1	014BW1	016BW1
Dimensions	Unit	HeightxWidthxDepth	mm			mm		
			1,170x900x320			1,345x900x320		
Weight	Unit		kg			kg		
			103			108		
Operation range	Heating	Ambient	Min.~Max.	°CDB			°CDB	
				-20~35			-25~35	
	Cooling	Ambient	Min.~Max.	°CDB			°CDB	
				10~46			10~46	
Refrigerant	Domestic hot water	Ambient	Min.~Max.	°CWB			°CWB	
				-20~35			-20~35	
	Type / GWP		R-410A / 2,087.5					
	Charge	kg	2.7			2.95		
	Charge	TCO ₂ Eq	5.6			6.2		
Sound power level	Heating		dBA			dBA		
			64			66		
Sound pressure level	Cooling		dBA			dBA		
			64			66		
Power supply	Heating	Nom.	dBA			dBA		
			49			51		
Current - 50Hz	Cooling	Nom.	dBA			dBA		
			50			52		
	Phase / Frequency / Voltage	Hz / V	V3/1~/50/230			W1/3N~/50/400		
	Maximum fuse amps (MFA)	A	32			20		

(1)DB/WB 7°C/6°C - LWC 35°C (DT=5°C) - (2) 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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