



## Daikin Altherma low temperature split

EHSXB-A



Guaranteed  
operation  
down to -25°C

Floor standing air to water heat pump for  
**bivalent** heating, cooling and hot water with  
thermal solar support

- › Bivalent system: combinable with a secondary heat source
- › Integrated solar unit, maximising renewable energy and offering top comfort in heating, hot water and cooling
- › Solar support of domestic hot water with unpressurised (drainback) solar system
- › Lightweight plastic tank with exceptional hygienic benefits
- › App control possible for managing heating, hot water and cooling operation
- › Outdoor unit extracts heat from the outdoor air, even at -25°C

# EHSXB-A + ERLQ-CV3/CW1



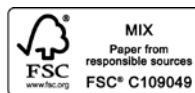
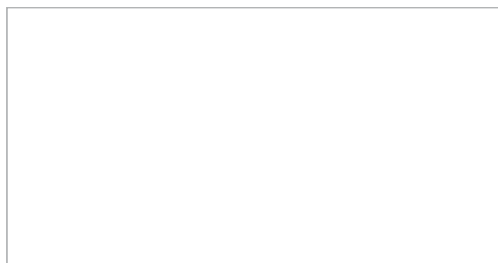
Efficiency data			EHSXB + ERLQ		04P30A	08P30A	08P50A	08P30A	08P50A	16P50A	16P50A	16P50A	16P50A	16P50A	16P50A			
			+	+	+	+	+	+	+	+	+	+	+	+	+			
			004CV3	006CV3	006CV3	008CV3	008CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1	016CW1			
Heating capacity	Nom.	kW	4.53 / 3.98 / 4.26 / 3.47	6.06 / 5.78 / 5.14 / 4.60	7.78 / 7.27 / 5.53 / 5.51			11.80 / 10.40 / 5.95 / 7.74	14.81 / 13.73 / 8.28 / 9.57	15.34 / 14.86 / 8.04 / 10.05	11.80 / 10.40 / 5.95 / 7.74	14.81 / 13.73 / 8.28 / 9.57	15.34 / 14.86 / 8.04 / 10.05	11.80 / 10.40 / 5.95 / 7.74	14.81 / 13.73 / 8.28 / 9.57			
Cooling capacity	Nom.	kW	4.4 / 4.0	5.2 / 4.6			15.1 / 11.7			16.1 / 12.6	16.8 / 13.1	15.1 / 11.7	16.1 / 12.6	16.8 / 13.1	15.1 / 11.7			
Power input	Heating	Nom.	0.87 / 1.04 / 1.49 / 0.85	1.30 / 1.58 / 1.88 / 1.26	1.69 / 2.04 / 1.98 / 1.56			2.57 / 3.13 / 2.49 / 2.35	3.42 / 4.07 / 3.17 / 2.93			2.57 / 3.13 / 2.49 / 2.35	3.42 / 4.07 / 3.17 / 2.93					
	Cooling	Nom.	1.05 / 1.41	1.43 / 1.85			4.55 / 4.30			5.44 / 5.10	6.18 / 5.72			4.55 / 4.30	5.44 / 5.10			
COP			5.23 / 3.84 / 2.85 / 4.07	4.65 / 3.66 / 2.73 / 3.64			4.60 / 3.57 / 2.78 / 3.54			4.38 / 3.32 / 2.45 / 3.29	4.27 / 3.34 / 2.38 / 3.22			4.10 / 3.22 / 2.44 / 3.15	4.38 / 3.32 / 2.45 / 3.29			
EER			4.21 / 2.85	3.65 / 2.51			3.32 / 2.72			2.96 / 2.47	2.72 / 2.29			3.32 / 2.72	2.96 / 2.47			
Space heating	Average climate water outlet 55°C	General	$\eta_{sp}$ (Seasonal space heating efficiency) %		132		126		128			130		127		128		
		Seasonal space heating eff. class	A++															
	Average climate water outlet 35°C	General	$\eta_{sp}$ (Seasonal space heating efficiency) %		-													
		Seasonal space heating eff. class	-															
Domestic hot water heating	General	Declared load profile		L		XL		L					XL					
	Average climate	$\eta_{wh}$ (water heating efficiency) %	103		98		108		90		99			84				
		Water heating energy efficiency class		A														

Indoor Unit			EHSXB	04P30A	08P30A	08P50A	08P30A	08P50A	16P50A			
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)										
	Material	Impact resistant polypropylene										
Dimensions	Unit	HeightxWidthxDepth	mm		1,945x615x595	1,945x790x790	1,945x615x595	1,945x790x790				
Weight	Unit	kg	92		119	92	119			121		
Tank	Water volume	l	300		500	300	500					
	Maximum water temperature	°C	85		85							
Operation range	Heating	Ambient	Min.~Max.		°C		-25~25			-25~35		
		Water side	Min.~Max.		°C		15~55			10~43		
	Cooling	Ambient	Min.~Max.		°CDB		5~22			~		
		Water side	Min.~Max.		°C		-25~35			25~55		
Domestic hot water	Ambient	Min.~Max.		°CDB		25~55			25~55			
	Water side	Min.~Max.		°C		25~55			25~55			
Refrigerant	Type/ GWP	R-410A / 2,087.5										
	Charge	kg/TCO <sub>2</sub> eq	1.5/-		1.6/-			3.4/-				
	Control	Electronic expansion valve / Inverter										
Sound power level	Nom.	dBA	40									
Sound pressure level	Nom.	dBA	28									

Outdoor Unit			ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1	
Dimensions	Unit	HeightxWidthxDepth	mm		735x832x307			1,345x900x320					
Weight	Unit	kg	54		56			113			114		
Compressor	Quantity	1											
	Type	Hermetically sealed swing compressor					Hermetically sealed scroll compressor						
Operation range	Cooling	Min.~Max.	°CDB		10.0~43.0			10.0~46.0					
	Domestic hot water	Min.~Max.	°CDB		-25 ~35			-20 ~35					
Refrigerant	Type	R-410A											
	GWP	2,087.5											
	Charge	kg/TCO <sub>2</sub> eq	1.5 / 3.1		1.6 / 3.3			3.4 / 7.1					
		Control		Expansion valve (electronic type)									
Sound power level	Heating	Nom.	dBA		61		62		64		66		
	Cooling	Nom.	dBA		63			64		66		69	
Sound pressure level	Heating	Nom.	dBA		48		49		51		52		
	Cooling	Nom.	dBA		48		49		50		52		
Power supply	Name/Phase/Frequency/Voltage	Hz/V	008CV3			011CV3, 014CV3, 016CV3			011CW1, 014CW1, 016CW1				
Current	Recommended fuses	A	16			20			40				

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) | EW 30°C; LW 35°C; ambient conditions: -7°CDB/-8°CWB | EW 30°C; LW 35°C; ambient conditions: 2°CDB/1°CWB | Contains fluorinated greenhouse gases

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