



## 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



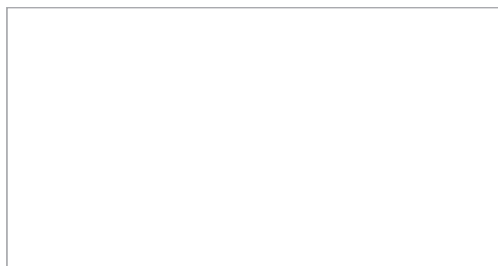
Efficiency data		EHSXB + ERLQ	04P30A + 004CV3	08P30A + 006CV3	08P50A + 006CV3	08P30A + 008CV3	08P50A + 008CV3	16P50A + 011CV3	16P50A + 011CW1	16P50A + 014CV3	16P50A + 014CW1	16P50A + 016CV3	16P50A + 016CW1	
Heating capacity	Min.	kW	1.80 (1) / 1.81 (2)	1.80 (1) / 1.81 (2)	1.80 (1) / 1.81 (2)	1.80 (1) / 1.81 (2)	1.80 (1) / 1.81 (2)	1.80 (1) / 1.81 (2)	-	-	-	-	-	
	Nom.	kW	4.53 (1) / 3.98 (2) / 4.26 (3) / 3.47 (4)	6.06 (1) / 5.78 (2) / 5.14 (3) / 4.60 (4)	6.06 (1) / 5.78 (2) / 5.14 (3) / 4.60 (4)	7.78 (1) / 7.27 (2) / 5.53 (3) / 5.51 (4)	7.78 (1) / 7.27 (2) / 5.53 (3) / 5.51 (4)	11.80 (1) / 10.40 (2) / 5.95 (3) / 7.74 (4)	11.80 (1) / 10.40 (2) / 5.95 (3) / 7.74 (4)	14.81 (1) / 13.73 (2) / 8.28 (3) / 9.57 (4)	14.81 (1) / 13.73 (2) / 8.28 (3) / 9.57 (4)	15.34 (1) / 14.86 (2) / 8.04 (3) / 10.05 (4)	15.34 (1) / 14.86 (2) / 8.04 (3) / 10.05 (4)	
	Max.	kW	5.12 (1) / 4.90 (2)	8.35 (1) / 7.95 (2)	8.35 (1) / 7.95 (2)	10.02 (1) / 9.53 (2)	10.02 (1) / 9.53 (2)	11.38 (1) / 11.00 (2)	11.38 (1) / 11.00 (2)	14.55 (1) / 13.59 (2)	14.55 (1) / 13.59 (2)	16.10 (1) / 15.22 (2)	16.10 (1) / 15.22 (2)	
Cooling capacity	Min.	kW	2.0 (1) / 2.1 (2)	2.5 (1) / 2.6 (2)	2.5 (1) / 2.6 (2)	2.5 (1) / 2.6 (2)	2.5 (1) / 2.6 (2)	2.5 (1) / 2.6 (2)	2.5 (1) / 2.6 (2)	2.5 (1) / 2.6 (2)	2.5 (1) / 2.6 (2)	-	-	
	Nom.	kW	4.4 (1) / 4.0 (2)	5.2 (1) / 4.6 (2)	5.2 (1) / 4.6 (2)	5.2 (1) / 4.6 (2)	5.2 (1) / 4.6 (2)	15.1 (1) / 11.7 (2)	15.1 (1) / 11.7 (2)	16.1 (1) / 12.6 (2)	16.1 (1) / 12.6 (2)	16.8 (1) / 13.1 (2)	16.8 (1) / 13.1 (2)	
	Max.	kW	5.9 (1) / 4.5 (2)	7.3 (1) / 5.5 (2)	7.3 (1) / 5.5 (2)	8.4 (1) / 6.4 (2)	8.4 (1) / 6.4 (2)	15.1 (1) / 11.7 (2)	15.1 (1) / 11.7 (2)	16.1 (1) / 12.6 (2)	16.1 (1) / 12.6 (2)	16.8 (1) / 13.1 (2)	16.8 (1) / 13.1 (2)	
Power input	Heating	Nom.	kW	0.87 (1) / 1.04 (2) / 1.49 (3) / 0.85 (4)	1.30 (1) / 1.58 (2) / 1.88 (3) / 1.26 (4)	1.30 (1) / 1.58 (2) / 1.88 (3) / 1.26 (4)	1.69 (1) / 2.04 (2) / 1.98 (3) / 1.56 (4)	1.69 (1) / 2.04 (2) / 1.98 (3) / 1.56 (4)	2.57 (1) / 3.13 (2) / 2.43 (3) / 2.35 (4)	2.57 (1) / 3.13 (2) / 2.43 (3) / 2.35 (4)	3.17 (1) / 2.93 (2) / 3.17 (3) / 2.93 (4)	3.17 (1) / 2.93 (2) / 3.17 (3) / 2.93 (4)	3.17 (1) / 2.93 (2) / 3.17 (3) / 2.93 (4)	
		Max.	kW	1.12 (1) / 1.44 (2)	1.99 (1) / 2.32 (2)	1.99 (1) / 2.32 (2)	2.54 (1) / 2.96 (2)	2.54 (1) / 2.96 (2)	2.64 (1) / 3.25 (2)	2.64 (1) / 3.25 (2)	3.43 (1) / 4.22 (2)	3.43 (1) / 4.22 (2)	3.83 (1) / 4.71 (2)	3.83 (1) / 4.71 (2)
	Cooling	Nom.	kW	1.05 (1) / 1.41 (2)	1.43 (1) / 1.85 (2)	1.43 (1) / 1.85 (2)	1.43 (1) / 1.85 (2)	1.43 (1) / 1.85 (2)	4.55 (1) / 4.30 (2)	4.55 (1) / 4.30 (2)	5.44 (1) / 5.10 (2)	5.44 (1) / 5.10 (2)	6.18 (1) / 5.72 (2)	6.18 (1) / 5.72 (2)
		Max.	kW	1.86 (1) / 2.04 (2)	2.27 (1) / 2.51 (2)	2.27 (1) / 2.51 (2)	2.89 (1) / 3.20 (2)	2.89 (1) / 3.20 (2)	4.53 (1) / 4.31 (2)	4.53 (1) / 4.31 (2)	5.42 (1) / 5.09 (2)	5.42 (1) / 5.09 (2)	6.15 (1) / 5.74 (2)	6.15 (1) / 5.74 (2)
COP				5.23 (1) / 3.84 (2) / 2.85 (3) / 4.07 (4)	4.65 (1) / 3.66 (2) / 2.73 (3) / 3.64 (4)	4.65 (1) / 3.66 (2) / 2.73 (3) / 3.64 (4)	4.60 (1) / 3.57 (2) / 2.78 (3) / 3.54 (4)	4.60 (1) / 3.57 (2) / 2.78 (3) / 3.54 (4)	4.38 (1) / 3.32 (2) / 2.45 (3) / 3.29 (4)	4.38 (1) / 3.32 (2) / 2.45 (3) / 3.29 (4)	4.27 (1) / 3.34 (2) / 2.58 (3) / 3.22 (4)	4.27 (1) / 3.34 (2) / 2.58 (3) / 3.22 (4)	4.10 (1) / 3.22 (2) / 2.44 (3) / 3.15 (4)	4.10 (1) / 3.22 (2) / 2.44 (3) / 3.15 (4)
EER				4.21 (1) / 2.85 (2)	3.65 (1) / 2.51 (2)	3.65 (1) / 2.51 (2)	3.65 (1) / 2.51 (2)	3.65 (1) / 2.51 (2)	3.32 (1) / 2.72 (2)	3.32 (1) / 2.72 (2)	2.96 (1) / 2.47 (2)	2.96 (1) / 2.47 (2)	2.72 (1) / 2.29 (2)	2.72 (1) / 2.29 (2)

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								
Operation range	Domestic hot water	°C		25~55								
	Water side Min.~Max.	°C		25~55								
Sound power level	Nom.	dBA		40								
Sound pressure level	Nom.	dBA		28								

Outdoor Unit		ERLQ	004CV3	006CV3	008CV3	011CV3	011CW1	014CV3	014CW1	016CV3	016CW1			
Dimensions	Unit	HeightxWidthxDepth		mm	735x832x307			1,345x900x320						
Weight	Unit	kg		54	56		113	114	113	114	114			
Compressor	Quantity	1												
	Type	Hermetically sealed swing compressor					Hermetically sealed scroll compressor							
Operation range	Heating	Min.~Max.		°CWB			-25~35							
	Cooling	Min.~Max.		°CDB			10.0~46.0							
	Domestic hot water	Min.~Max.		°CDB			10~46							
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	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		54		
Power supply	Name/Phase/Frequency/Voltage	Hz/V		V3/1~/50/230			W1/3N~/50/400		V3/1~/50/230		W1/3N~/50/400		V3/1~/50/230	W1/3N~/50/400
Current	Recommended fuses	A		20			40		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) EW 30°C; LW 35°C; ambient conditions: -7°CDB/-8°CWB (4) EW 30°C; LW 35°C; ambient conditions: 2°CDB/1°CWB | Contains fluorinated greenhouse gases

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ECPEN15-755 03/15



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