



Daikin Altherma low temperature split

EHSX-A



Guaranteed
operation
down to -25°C

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

- › Integrated solar unit, maximising renewable energy and offering top comfort in heating, hot water and cooling
- › Solar support of domestic hot water with unpressurised (drain-back) 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

EHSX-A + ERLQ-CV3/CW1



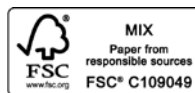
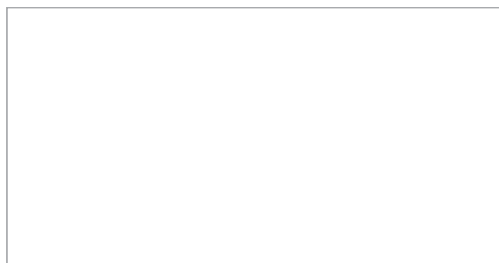
Efficiency data		EHSX + ERLQ	04P30A + 004CV3	08P30A + 006CV3	08P50A + 006CV3	08P30A + 008CV3	08P50A + 008CV3	16P50A + 011CV3	16P50A + 011CW1	16P50A + 014CV3	16P50A + 014CW1	16P50A + 016CV3	16P50A + 016CW1	
Heating capacity	Min.	kW	1.80 (1) / 1.81 (2)	1.80 (1) / 1.81 (2)	1.80 (1) / 1.81 (2)	1.80 (1) / 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 / 1.04 / 1.49 / 0.85	1.30 / 1.58 / 1.88 / 1.26	1.30 / 1.58 / 1.88 / 1.26	1.69 / 2.04 / 1.98 / 1.56	1.69 / 2.04 / 1.98 / 1.56	2.57 / 3.13 / 2.43 / 2.35	2.57 / 3.13 / 2.43 / 2.35	3.42 / 4.07 / 3.17 / 2.93	3.42 / 4.07 / 3.17 / 2.93	3.42 / 4.07 / 3.17 / 2.93	
		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)	
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)	

Indoor Unit		EHSX	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				
Weight	Unit	kg	87	114	87	114	116					
Tank	Water volume	l	300	500	300	500						
	Maximum water temperature	°C					85					
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	113	114	
Compressor	Quantity		1									
	Type		Hermetically sealed swing compressor				Hermetically sealed scroll compressor					
Operation range	Heating	Min.~Max.	°CWB -25~-25				°CWB -25~-35					
	Cooling	Min.~Max.	°CDB 10~43				10.0~46.0	10~46	10.0~46.0	10~46	10.0~46.0	10~46
	Domestic hot water	Min.~Max.	°CDB -25~-35				°CDB -20~-35					
Refrigerant	Type / GWP		R-410A / 2,087.5									
	Charge	kg	1.45	1.6		3.4						
	Charge	TCO ₂ Eq	3.0	3.3		7.1						
Sound power level	Heating	Nom.	dBA 61		dBA 62		dBA 64		dBA 66		dBA 66	
	Cooling	Nom.	dBA 63		dBA 64		dBA 66		dBA 69			
Sound pressure level	Heating	Nom.	dBA 48		dBA 49		dBA 51		dBA 52			
	Cooling	Nom.	dBA 48	dBA 49		dBA 50		dBA 52		dBA 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	40	

(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

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