



Daikin Altherma low temperature split

EHSH-A



Guaranteed
operation down
to -25°C

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

- › Integrated solar unit, maximising renewable energy and offering top comfort in heating and hot water
- › 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 and hot water operation
- › Outdoor unit extracts heat from the outdoor air, even at -25°C

EHS-A + ERLQ-CV3/CW1



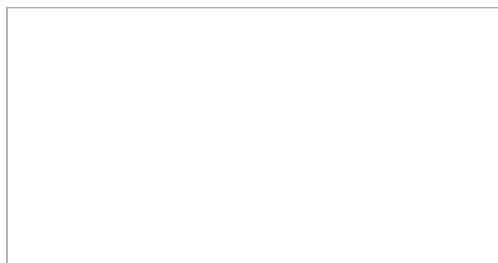
Efficiency data		EHS	04P30A	08P50A	08P30A	08P30A	08P50A	16P50A	16P50A	16P50A	16P50A	16P50A	16P50A															
		+	+	+	+	+	+	+	+	+	+	+	+															
		ERLQ	004CV3	006CV3	006CV3	008CV3	008CV3	011CV3	011CW1	014CV3	014CW1	016CV3	016CW1															
Heating capacity	Min.	kW 1.80 / 1.81																										
	Nom.	kW 4.53 / 3.98 / 4.26 / 3.47																										
	Max.	kW 5.12 / 4.90																										
Power input	Heating	Nom.	kW 0.87 / 1.04 / 1.49 / 0.85										kW 1.30 / 1.58 / 1.88 / 1.26		kW 1.30 / 1.58 / 1.88 / 1.26		kW 1.69 / 2.04 / 1.98 / 1.56		kW 2.57 / 3.13 / 2.43 / 2.35		kW 2.57 / 3.13 / 2.43 / 2.35		kW 3.42 / 4.07 / 3.17 / 2.93		kW 3.42 / 4.07 / 3.17 / 2.93			
			Max.	kW 1.12 / 1.44																								
	COP	5.23 / 3.84 / 2.85 / 4.07												4.65 / 3.66 / 2.73 / 3.64		4.65 / 3.66 / 2.73 / 3.64		4.60 / 3.57 / 2.78 / 3.54		4.60 / 3.57 / 2.78 / 3.54		4.38 / 3.32 / 2.45 / 3.29		4.38 / 3.32 / 2.45 / 3.29		4.27 / 3.34 / 2.58 / 3.22		4.27 / 3.34 / 2.58 / 3.22

Indoor Unit		EHS	04P30A	08P50A	08P30A	08P50A	16P50A							
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)												
	Material	Impact resistant polypropylene												
Dimensions	Unit	HeightxWidthxDepth		mm										
Weight	Unit	kg		1,945x615x595										
Tank	Water volume	l		300										
	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															
Weight	Unit	kg		735x832x307															
Compressor	Quantity	1																	
	Type	Hermetically sealed swing compressor					Hermetically sealed scroll compressor												
Operation range	Heating	Min.~Max.		°CWB				-25~35											
	Domestic hot water	Min.~Max.		°CDB				-20~35											
Refrigerant	Type / GWP	R-410A / 2,087.5																	
	Charge	kg		1.45				1.6				3.4							
	Charge	TCO _{Eq}		3.0				3.3				7.1							
Sound power level	Heating	Nom.		dBA				61				62							
Sound pressure level	Heating	Nom.		dBA				48				49							
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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