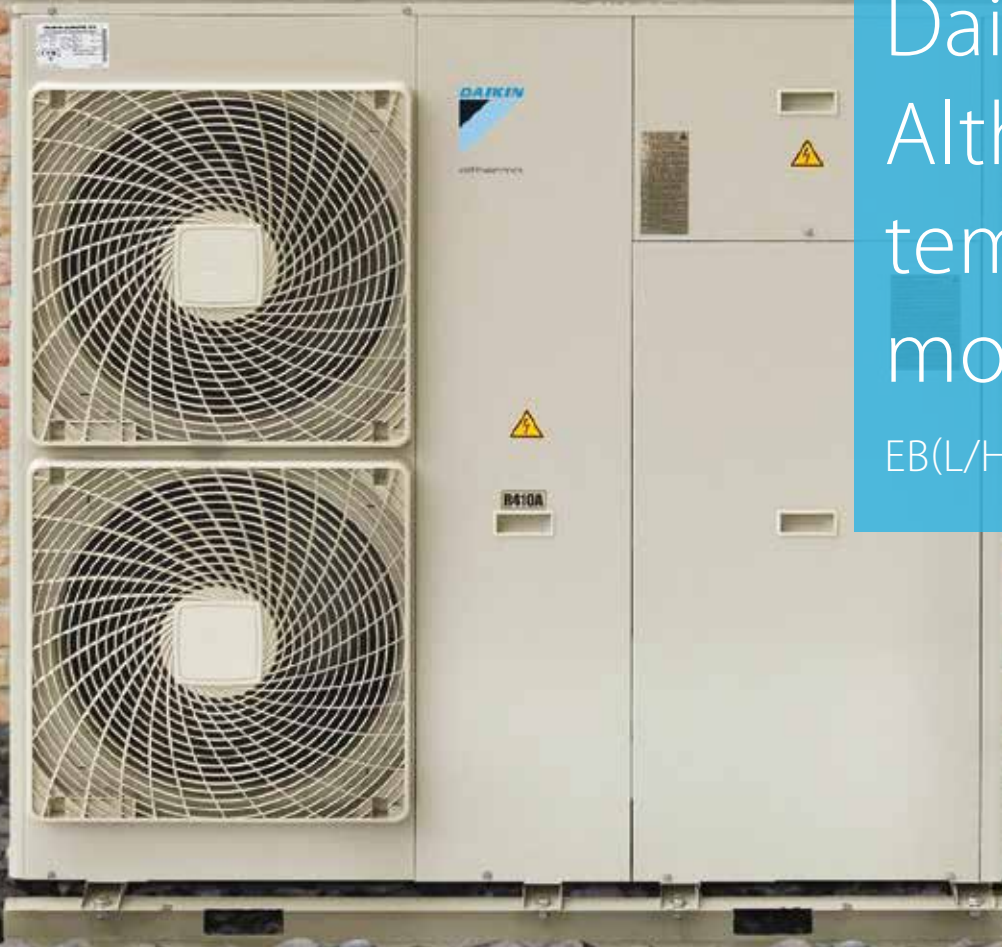


Daikin Altherma low temperature monobloc

EB(L/H)Q-BB6V3/W1



Guaranteed
operation
down to -25°C

Reversible air to water monobloc system,
ideal when indoor space is limited

- › Energy efficient **heating and cooling** system based on air to water heat pump technology
- › Low energy bills and low CO₂ emissions
- › H₂O piping between outdoor unit and indoor heat emitters
- › Inverter controlled scroll compressor
- › Built-in electric back-up heater as additional heating during extremely cold outdoor temperature
- › Outdoor unit extracts heat from the outdoor air, even at -25°C
- › Possible to combine with domestic hot water

EB(L/H)Q-BB6V3/W1

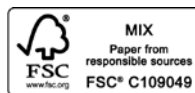
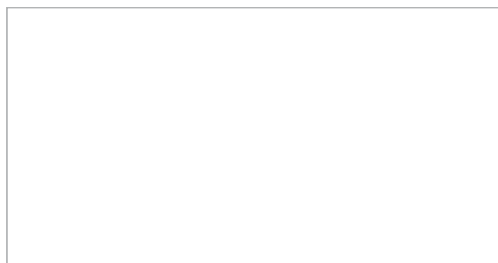


EB(L/H)Q-BB

Single Unit		EBLQ/EBHQ		011BB6V3		014BB6V3		016BB6V3		011BB6W1		014BB6W1		016BB6W1		
Heating capacity	Nom.	kW		11.20 (1) / 10.87 (2)		14.00 (1) / 13.10 (2)		16.00 (1) / 15.06 (2)		11.20 (1) / 10.87 (2)		14.00 (1) / 13.10 (2)		16.00 (1) / 15.06 (2)		
Cooling capacity	Nom.	kW		12.9 (1) / 10.0 (2)		16.0 (1) / 12.5 (2)		16.7 (1) / 13.1 (2)		12.9 (1) / 10.0 (2)		16.0 (1) / 12.5 (2)		16.7 (1) / 13.1 (2)		
Power input	Cooling	Nom.		kW		3.87 (1) / 3.69 (2)		5.75 (1) / 5.39 (2)		6.36 (1) / 5.93 (2)		3.87 (1) / 3.69 (2)		5.40 (1) / 5.06 (2)		
	Heating	Nom.		kW		2.56 (1) / 3.31 (2)		3.29 (1) / 4.01 (2)		3.88 (1) / 4.71 (2)		2.60 (1) / 3.21 (2)		3.30 (1) / 4.07 (2)		
COP						4.38 (1) / 3.28 (2)		4.25 (1) / 3.27 (2)		4.12 (1) / 3.20 (2)		4.31 (1) / 3.38 (2)		4.24 (1) / 3.22 (2)		
EER						3.32 (1) / 2.71 (2)		2.78 (1) / 2.32 (2)		2.63 (1) / 2.21 (2)		3.32 (1) / 2.71 (2)		2.96 (1) / 2.47 (2)		
Dimensions	Unit	Height	mm		1,418											
		Width	mm		1,435											
		Depth	mm		382											
Weight	Unit	kg		180												
Hydraulic component	Back-up heater current	Type			6V3						6W1					
		Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/230						3~/50/400				
Operation range	Heating	Ambient	Min.-Max.	°CWB	-20~-35	-15~-35	-20~-35	-15~-35	-20~-35	-15~-35	-25~-35	-15~-35	-25~-35	-15~-35	-25~-35	
		Water side	Min.-Max.	°C	15 (3)~55 (3)											
	Cooling	Ambient	Min.-Max.	°CDB	10~46											
		Water side	Min.-Max.	°C	5~22											
	Domestic hot water	Ambient	Min.-Max.	°CDB	-20~-43	-15~-43	-20~-43	-15~-43	-20~-43	-15~-43	-25~-43	-15~-43	-25~-43	-15~-43	-25~-43	
		Water side	Min.-Max.	°C	25~80											
Refrigerant	Type			R-410A												
	Charge	kg		3.0												
		TCO ₂ eq		6.2												
	Control			Expansion valve (electronic type)												
Sound power level	Heating	Nom.	dBA	64	65	66	64	65	66	64	65	66	64	65	66	
	Cooling	Nom.	dBA	65	66	69	65	66	69	65	66	69	65	66	69	
Sound pressure level	Heating	Nom.	dBA	51		52		54		49		51		53		
	Cooling	Nom.	dBA	50	52	54	50	52	54	50	52	54	50	52	54	
Compressor component	Main power supply	Name			V3						W1					
		Phase			1~						3N~					
		Frequency	Hz		50											
		Voltage	V		230						400					
Space heating	Average climate water outlet 55°C	General	η _s (Seasonal space heating efficiency)	%	105		101		107		110		111			
			SCOP		2.70	2.71	2.60	2.75	2.82	2.85						
			Seasonal space heating eff. class		A+											
	Average climate water outlet 35°C	General	η _s (Seasonal space heating efficiency)	%	129	130	123	129	130	127						
			SCOP		3.30	3.32	3.15	3.30	3.31	3.25						
			Seasonal space heating eff. class		A+											

(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) 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) 15°C-25°C: BUH only, no heat pump operation = during commissioning (4) Contains fluorinated greenhouse gases

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