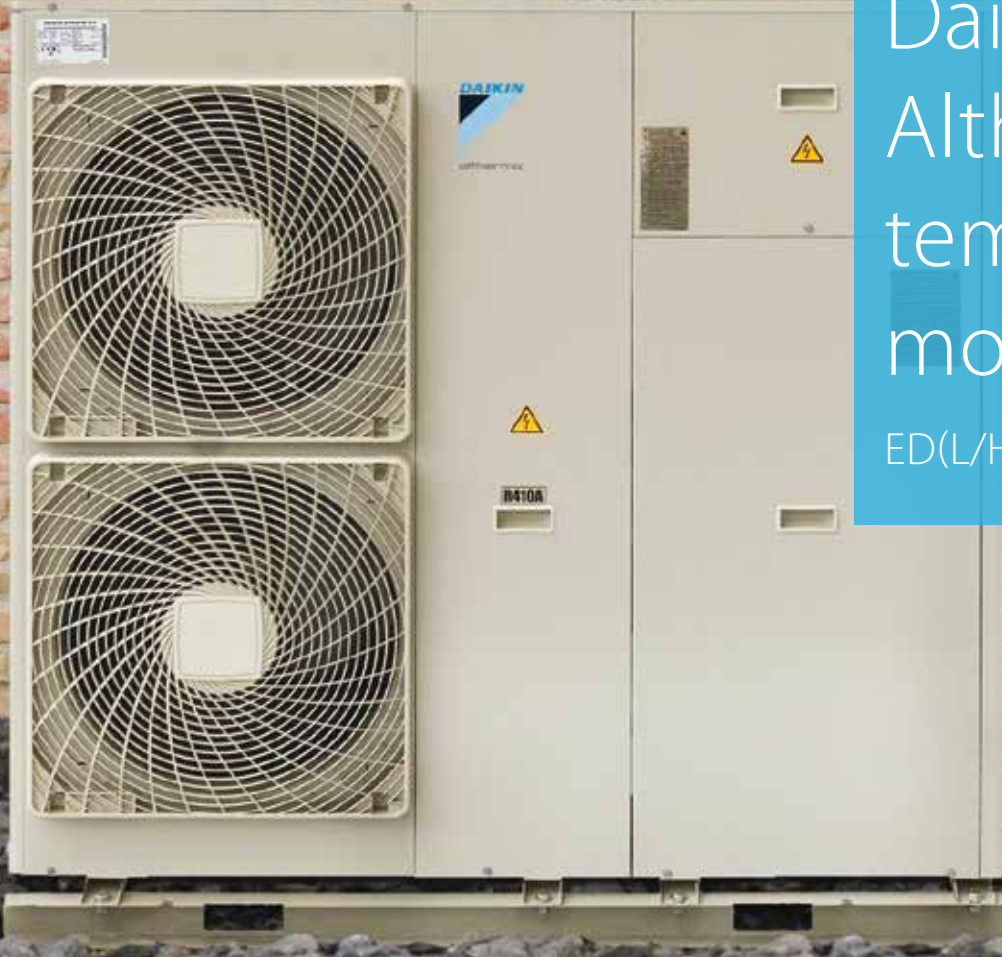


# Daikin Altherma low temperature monobloc

ED(L/H)Q-BB6V3/W1



Guaranteed  
operation  
down to -25°C

**Heating only** air to water monobloc system,  
ideal when indoor space is limited

- › Energy efficient **heating only** system based on air to water heat pump technology
- › Low energy bills and low CO<sub>2</sub> emissions
- › H<sub>2</sub>O 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

# ED(L/H)Q-BB6V3/W1

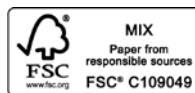
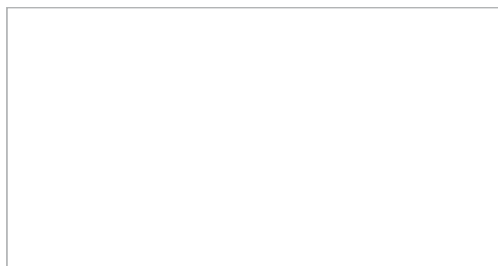


ED(L/H)Q-BB

Single Unit				EDLQ/EDHQ	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)					
Power input	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)	3.81 (1) / 4.66 (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)	4.20 (1) / 3.23 (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	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)										
	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 <sub>2</sub> eq	6.2										
	Control			Expansion valve (electronic type)										
	GWP			2,087.5										
Sound power level	Heating	Nom.	dB(A)	64	65	66	64	65	66					
Sound pressure level	Heating	Nom.	dB(A)	51		52	49		51	53				
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 <sub>s</sub> (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 <sub>s</sub> (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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