

# Daikin Altherma low temperature monobloc

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

- › Compact reversible monobloc for space heating & cooling with optional domestic hot water
- › Compact heating only monobloc for space heating with optional domestic hot water
- › Fuss-free installation : only water connections required
- › Reliable operation even when -25°C outside thanks to frost protection features such as free hanging coil
- › COP up to 5



E(D/B)LQ-CV3

011-W0079  
011-W0080

A++



55°C



R-410A

Single Unit				EBLQ/EDLQ	05CV3	07CV3	05CV3	07CV3
Space heating	Average climate water outlet 55°C	General	η <sub>s</sub> (Seasonal space heating efficiency)	%	125			
			SCOP		3.20	3.22	3.20	3.22
	Average climate water outlet 35°C	General	η <sub>s</sub> (Seasonal space heating efficiency)	%	172			
			SCOP		4.39	4.14	4.39	4.14
Seasonal space heating eff. class					A++			
Seasonal space heating eff. class					A++			
Heating capacity	Nom.			kW	4.40(1) / 4.03(2)	7.00(1) / 6.90(2)	4.40(1) / 4.03(2)	7.00(1) / 6.90(2)
Cooling capacity	Nom.			kW	3.88(1) / 3.99(2)	5.20(1) / 5.15(2)		-
Power input	Cooling	Nom.		kW	0.950(1) / 1.93(2)	1.37(1) / 2.69(2)		-
	Heating	Nom.		kW	0.880(1) / 1.13(2)	1.55(1) / 2.45(2)	0.880(1) / 1.13(2)	1.55(1) / 2.02(2)
COP					5.00(1) / 3.58(2)	4.52(1) / 3.42(2)	5.00(1) / 3.58(2)	4.52(1) / 3.42(2)
EER					4.07(1) / 2.07(2)	3.80(1) / 2.10(2)		-
Dimensions	Unit	HeightxWidthxDepth		mm	735x1,090x350			
Weight	Unit			kg	76.0	80.0	76.0	80.0
Operation range	Heating	Water side	Min.~Max.	°C	15 ~55.0			
			Min.~Max.	°CDB	10.0~43.0			
	Cooling	Ambient	Min.~Max.	°C	5.00 ~22.0			
			Min.~Max.	°CDB	-25.0 ~35.0			
Domestic hot water	Ambient	Min.~Max.	°C	25~80				
		Water side	Min.~Max.	°C	25~80			
Refrigerant	Type				R-410A			
	GWP				2,088			
	Charge			kg	1.30	1.45	1.30	1.45
	Charge			TCO <sub>2</sub> Eq	2.714	3.027	2.714	3.027
Control					Expansion valve (electronic type)			
Sound power level	Heating	Nom.		dBA	61	62	61	62
				dBA	63.0			
Sound pressure level	Heating	Nom.		dBA	48	49	48	49
				dBA	48			

Wiring centre				EKCB07CV3	EK2CB07CV3
Casing	Colour			White	
	Material			Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth		mm	
Weight	Unit			kg	
				360x340x97.0	4.00

Back-up heater kit				EKMBUHC3V3	EKMBUHC9W1
Casing	Colour			White	
	Material			Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth		mm	
Weight	Unit			kg	
				560x250x210	13.0

(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) Contains fluorinated greenhouse gases