

Daikin Altherma 3 M

Air-to-water monobloc system that provides **heating and cooling**, and is ideal for indoor spaces that have limited room

- › WLAN cartridge connection (optional)
- › Possible to combine with domestic hot water tanks
- › Heating and cooling air-to-water heat pump
- › Monobloc all-in-one concept including all hydraulic parts
- › An optional built-in 3 kW electric back-up heater or a separate back-up heater kit are available for additional heating
- › Available in one phase and three phase



011-1W0423 → 426

Single Unit				EBLA09D(3) V3/D(3)W1	EDLA09D(3) V3/D(3)W1	EBLA11D(3) V3/D(3)W1	EDLA11D(3) V3/D(3)W1	EBLA14D(3) V3/D(3)W1	EDLA14D(3) V3/D(3)W1	EBLA16D(3) V3/D(3)W1	EDLA16D(3) V3/D(3)W1
Heating capacity	Nom.		kW	9.37 (1) / 9.00 (2)	9.37 (1) / 9.00 (2)	10.6 (1) / 9.82 (2)	10.6 (1) / 9.82 (2)	12.0 (1) / 12.5 (2)	12.0 (1) / 12.5 (2)	16.0 (1) / 16.0 (2)	16.0 (1) / 16.0 (2)
Power input	Heating	Nom.	kW	1.91 (1) / 2.43 (2)	1.91 (1) / 2.43 (2)	2.18 (1) / 2.68 (2)	2.18 (1) / 2.68 (2)	2.46 (1) / 3.42 (2)	2.46 (1) / 3.42 (2)	3.53 (1) / 4.56 (2)	3.53 (1) / 4.56 (2)
COP				4.91 (1) / 3.71 (2)	4.91 (1) / 3.71 (2)	4.83 (1) / 3.66 (2)	4.83 (1) / 3.66 (2)	4.87 (1) / 3.64 (2)	4.87 (1) / 3.64 (2)	4.53 (1) / 3.51 (2)	4.53 (1) / 3.51 (2)
Cooling capacity	Nom.		kW	9.35 (3) / 9.10 (4)	-	11.6 (3) / 11.5 (4)	-	12.8 (3) / 12.7 (4)	-	14.0 (3) / 15.3 (4)	-
Power input	Cooling	Nom.	kW	2.79 (3) / 1.71 (4)	-	3.56 (3) / 2.17 (4)	-	4.06 (3) / 2.51 (4)	-	4.58 (3) / 3.24 (4)	-
EER				3.35 (3) / 5.34 (4)	-	3.26 (3) / 5.31 (4)	-	3.16 (3) / 5.04 (4)	-	3.06 (3) / 4.74 (4)	-
SEER				5.62 (5)	-	5.79 (5)	-	5.71 (5)	-	5.59 (5)	-
Space heating	Average climate water outlet 55 °C	General	ηs (Seasonal space heating efficiency)	135		132		134		132	
			SCOP	3.44		3.37		3.42		3.37	
			Seasonal space heating eff. class	A++							
	Average climate water outlet 35 °C	General	ηs (Seasonal space heating efficiency)	190		186		185			
			SCOP	4.82		4.73		4.70		4.69	
			Seasonal space heating eff. class	A+++							
Casing	Colour			Silver							
	Material			Polyester painted galvanised steel plate							
Dimensions	Unit	HeightxWidthxDepth	mm	870 x 1,380 x 460							
Weight	Unit		kg	DV3(7) / DW1(7): 147, D3V3(7) / D3W1(7): 149							
Compressor	Quantity			1							
	Type			Hermetically sealed swing compressor							
Operation range	Heating	Ambient	Min.~Max.	°CWB DV3(7) / DW1(7): -25 ~ 25, D3V3(7) / D3W1(7): -25 ~ 35							
		Water side	Min.~Max.	°C DV3(7) / DW1(7): 9 ~ 60, D3V3(7) / D3W1(7): 15 ~ 60							
Operation range	Cooling (EBLA only)	Ambient	Min.~Max.	°CDB 10 ~ 43							
		Water side	Min.~Max.	°C 5 ~ 22							
Operation range	Domestic hot water	Ambient	Min.~Max.	°CDB -25 ~ 35							
		Water side	Min.~Max.	°C 25 ~ 55							
Refrigerant	Type			R-32							
	GWP			675							
	Charge		kg	3.80							
	Charge		TCO2Eq	2.57							
Control				Expansion valve							
Sound power level (5)	Heating	Nom.	dBA	62							
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230 - W1/3~/50/400							
Current	Recommended fuses		A	32/16							

(1) Ta DB/WB 7 °C/6 °C - LWC 35 °C (DT = 5 °C) | (2) Ta DB/WB 7 °C/6 °C - LWC 45 °C (DT = 5 °C) | (3) Cooling: EW 12 °C; LW 7 °C; ambient conditions: 35 °CDB | (4) Cooling: EW 23 °C; LW 18 °C; ambient conditions: 35 °CDB | (5) According to EN14825. This product contains fluorinated greenhouse gases.