

# 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
- › Reversible or heating only 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-IW0423 → 426

Single Unit		E(B/D)LA		09D(3)V3/D(3)W1	11D(3)V3/D(3)W1	14D(3)V3/D(3)W1	16D(3)V3/D(3)W1		
Heating capacity	Nom.			kW	9.37 (1) / 9.00 (2)	10.6 (1) / 9.82 (2)	12.0 (1) / 12.5 (2)	16.0 (1) / 16.0 (2)	
Power input	Heating	Nom.			kW	1.91 (1) / 2.43 (2)	2.18 (1) / 2.68 (2)	2.46 (1) / 3.42 (2)	3.53 (1) / 4.56 (2)
					kW	4.91 (1) / 3.71 (2)	4.83 (1) / 3.66 (2)	4.87 (1) / 3.64 (2)	4.53 (1) / 3.51 (2)
COP									
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)
					kW	3.35 (3) / 5.34 (4)	3.26 (3) / 5.31 (4)	3.16 (3) / 5.04 (4)	3.06 (3) / 4.74 (4)
EER									
SEER									
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/DW1: 147, D3V3/D3W1: 149				
Compressor	Quantity				1				
	Type				Hermetically sealed swing compressor				
Operation range	Heating	Ambient	Min.~Max.	°CWB	DV3/DW1: -25 ~ 25, D3V3/D3W1: -25 ~ 35				
		Water side	Min.~Max.	°C	DV3/DW1: 9 ~ 60, D3V3/D3W1: 15 ~ 60				
Operation range	Cooling	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				675.0				
	Charge				kg	3.80			
	Charge				TCO2Eq	2.57			
						Control			Expansion valve
Sound power level (5)	Heating	Nom.			dB(A)	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.