

# Daikin Altherma 3 R W

Wall mounted **reversible** air-to-water heat pump ideal for low energy houses

- › Inclusion of all hydraulic components means no third party components are required
- › PCB board and hydraulic components are located in the front for easy access
- › Compact dimensions allows for small installation space, as almost no side clearances are required
- › The unit's sleek design blends in with other household appliances
- › Combine with a stainless steel tank or ECH<sub>2</sub>O thermal store
- › Outdoor unit extracts heat from the outdoor air, even at -25°C



011-1W0218-219  
011-1W0221  
011-1W0246-247



Efficiency data				EHBX + ERGA	04D6V + 04DV	08D6V + 06DV	08D9W + 06DV	08D6V + 08DV	08D9W + 08DV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)	6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.		kW	0.850 (1) / 1.26 (2)	1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
Cooling capacity	Nom.			kW	4.86 (1) / 4.52 (2)	5.96 (1) / 5.09 (2)		6.25 (1) / 5.44 (2)	
Power input	Cooling	Nom.		kW	0.940 (1) / 1.36 (2)	1.06 (1) / 1.55 (2)		1.16 (1) / 1.73 (2)	
COP					5.10 (1) / 3.65 (2)	4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
EER					5.17 (1) / 3.32 (2)	5.61 (1) / 3.28 (2)		5.40 (1) / 3.14 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP		3.29	3.28		3.35	
			η <sub>s</sub> (Seasonal space heating efficiency)	%	129	128		131	
				Seasonal space heating eff. class	A++				
	Average climate water outlet 35°C	General	SCOP		4.54	4.52		4.61	
			η <sub>s</sub> (Seasonal space heating efficiency)	%	179	178		181	
				Seasonal space heating eff. class	A+++				
Indoor Unit				EHBX	04D6V	08D6V	08D9W	08D6V	08D9W
Casing	Colour	White + Black							
	Material	Resin, sheet metal							
Dimensions	Unit	HeightxWidthxDepth	mm	840x440x390					
Weight	Unit		kg	42.0		42.4		42.0	
Operation range	Heating	Water side	Min.~Max.	°C		15 ~65			
	Domestic hot water	Water side	Min.~Max.	°C		25~75			
Sound power level	Nom.		dBA			42			
Sound pressure level	Nom.		dBA			28			
Outdoor Unit				ERGA	04DV	06DV	08DV		
Dimensions	Unit	HeightxWidthxDepth	mm	740x884x388					
Weight	Unit		kg	58.5					
Compressor	Quantity	1							
	Type	Hermetically sealed swing compressor							
Operation range	Cooling	Min.~Max.	°CDB		10~43				
	Domestic hot water	Min.~Max.	°CDB		-25~35				
Refrigerant	Type	R-32							
	GWP	675.0							
	Charge	kg		1.50					
	Charge	TCO <sub>2</sub> Eq		1.01					
	Control	Expansion valve							
Sound power level	Heating	Nom.	dBA	58	60		62		
	Cooling	Nom.	dBA	61			62		
Sound pressure level	Heating	Nom.	dBA	44	47		49		
	Cooling	Nom.	dBA	48	49		50		
Power supply	Name/Phase/Frequency/Voltage			Hz/V					
Current	Recommended fuses			A					
				25					

(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)