

# Daikin Altherma 3 H W

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

- › Combine with a stainless steel tank or ECH<sub>2</sub>O thermal store to provide domestic hot water
- › 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
- › Integrated back-up heater choice of 6 or 9 kW
- › Outdoor unit extracts heat from the outdoor air, even at -28°C



011-1W0319 -&gt; 324

Efficiency data				EABX + EPGA	16D6V/D9W + 11DV	16D6V/D9W + 14DV	16D6V/D9W + 16DV			
Heating capacity	Nom.			kW	11.1 (1) / 11.3 (2)	14.5 (1) / 14.5 (2)	16.5 (1) / 15.6 (2)			
Power input	Heating	Nom.		kW	2.16 (1) / 2.91 (2)	2.91 (1) / 3.96 (2)	3.45 (1) / 4.21 (2)			
Cooling capacity	Nom.			kW	10.5 (1) / 10.7 (2)	11.1 (1) / 11.9 (2)	13.5 (1) / 11.9 (2)			
Power input	Cooling	Nom.		kW	2.21 (1) / 3.30 (2)	2.72 (1) / 3.97 (2)	3.42 (1) / 3.97 (2)			
COP					5.15 (1) / 3.88 (2)	4.99 (1) / 3.65 (2)	4.78 (1) / 3.71 (2)			
EER					4.75 (1) / 3.23 (2)	4.09 (1) / 2.99 (2)	3.94 (1) / 2.99 (2)			
Space heating	Average climate water outlet 55°C	General	SCOP		3.32	3.37	3.43			
			% (Seasonal space heating efficiency)		130	132	134			
	Seasonal space heating eff. class				A++					
	Average climate water outlet 35°C	General	SCOP		4.44	4.51	4.61			
% (Seasonal space heating efficiency)				175	178	182				
Seasonal space heating eff. class				A++						
Indoor Unit				EABX	16D6V	16D9W	16D6V	16D9W	16D6V	16D9W
Casing	Colour	White + Black								
	Material	Resin, sheet metal								
Dimensions	Unit	HeightxWidthxDepth	mm							
Weight	Unit	kg								
	Operation range		Heating	Water side	Min.~Max.	°C				
		Domestic hot water	Water side	Min.~Max.	°C					
Sound power level	Nom.	dBA								
Sound pressure level	Nom.	dBA								
Outdoor Unit				EPGA	11DV	14DV	16DV			
Dimensions	Unit	HeightxWidthxDepth	mm							
Weight	Unit	kg								
Compressor	Quantity	1								
	Type	Hermetically sealed scroll compressor								
Operation range	Cooling	Min.~Max.	°CDB							
	Domestic hot water	Min.~Max.	°CDB							
Refrigerant	Type	R-32								
	GWP	675.0								
	Charge	kg								
	Charge	TCO <sub>2</sub> Eq								
Sound power level	Heating	Nom.	dBA			64	66			
	Cooling	Nom.	dBA							
	Sound pressure level	Heating	Nom.	dBA		48	49	52		
		Cooling	Nom.	dBA						
Power supply	Name/Phase/Frequency/Voltage	Hz/V								
Current	Recommended fuses	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)