

# Daikin Altherma 3 H W

## > reversible models

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



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			
			$\eta_s$ (Seasonal space heating efficiency)	%	130	132	134			
	Average climate water outlet 35°C	General	SCOP		4,44	4,51	4,61			
			$\eta_s$ (Seasonal space heating efficiency)	%	175	178	182			
					A+++ (3)					
Indoor Unit				EABX	16D6V	16D9W	16D6V	16D9W	16D6V	16D9W
Casing	Colour			White + Black						
	Material			Resin, sheet metal						
Dimensions	Unit	HeightxWidthxDepth		840x440x390						
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.		64			66			
	Cooling	Nom.		68			66			
Sound pressure level	Heating	Nom.		48	49		52			
	Cooling	Nom.		55						
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)

(3) According to EU n°811/2013 label lay-out 2019, on a scale from G to A+++.