

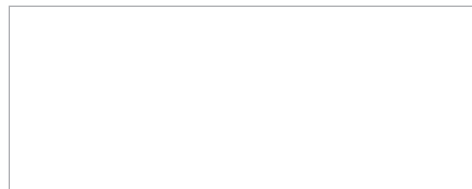
Daikin Altherma 3 11-14-16 kW - Specifications EA(V/B)H-D6V/D9W

Efficiency data				EAVH + EPGA		16S18D6V(G)/ D9W(G) + 11DV	16S23D6V(G)/ D9W(G) + 11DV	16S18D6V(G)/ D9W(G) + 14DV	16S23D6V(G)/ D9W(G) + 14DV	16S18D6V(G)/ D9W(G) + 16DV	16S23D6V(G)/ D9W(G) + 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)	
COP						5.15 (1) / 3.88 (2)		4.99 (1) / 3.65 (2)		4.78 (1) / 3.71 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP			3.29		3.34		3.41	
			η_s (Seasonal space heating efficiency)			129		130		133	
	Average climate water outlet 35°C	General	SCOP			4.38		4.45		4.56	
			η_s (Seasonal space heating efficiency)			172		175		179	
Seasonal space heating eff. class					A++		A++		A+++ (3)		
Domestic hot water heating	General	Declared load profile				L	XL	L	XL	L	XL
	Average climate	η_{wh} (water heating efficiency)				104	112	104	112	104	112
	Water heating energy efficiency class					A					
Efficiency data				EABH + 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)	
COP						5.15 (1) / 3.88 (2)		4.99 (1) / 3.65 (2)		4.78 (1) / 3.71 (2)	
Space heating	Average climate water outlet 55°C	General	SCOP			3.29		3.34		3.41	
			η_s (Seasonal space heating efficiency)			129		130		133	
	Average climate water outlet 35°C	General	SCOP			4.38		4.45		4.56	
			η_s (Seasonal space heating efficiency)			172		175		179	
Seasonal space heating eff. class					A++		A++		A+++ (3)		
Indoor Unit				EAVH		16S18D6V(G)/ D9W(G)	16S23D6V(G)/ D9W(G)	16S18D6V(G)/ D9W(G)	16S23D6V(G)/ D9W(G)	16S18D6V(G)/ D9W(G)	16S23D6V(G)/ D9W(G)
Casing	Colour			White + Black							
	Material			Resin / Sheet metal							
Dimensions	Unit	HeightxWidthxDepth	mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625
Weight	Unit			kg	109	118	109	118	109	118	
Tank	Water volume			l	180	230	180	230	180	230	
	Maximum water temperature			°C	70						
	Maximum water pressure			bar	10						
	Corrosion protection				Pickling						
Operation range	Heating	Ambient	Min.~Max.	°C	5~30						
		Water side	Min.~Max.	°C	15~60						
	Domestic hot water	Ambient	Min.~Max.	°CDB	5~35						
		Water side	Max.	°C	60						
Sound power level	Nom.			dBA	44						
Sound pressure level	Nom.			dBA	30						
Indoor Unit				EABH		16D6V	16D9W	16D6V	16D9W	16D6V	16D9W
Casing	Colour			White + Black							
	Material			Resin, sheet metal							
Dimensions	Unit	HeightxWidthxDepth	mm	840x440x390							
Weight	Unit			kg	38						
Operation range	Heating	Water side	Min.~Max.	°C	15~60						
	Domestic hot water	Water side	Min.~Max.	°C	25~75						
Sound power level	Nom.			dBA	44						
Sound pressure level	Nom.			dBA	30						
Outdoor Unit				EPGA		11DV		14DV		16DV	
Dimensions	Unit	HeightxWidthxDepth	mm	1440x1160x380							
Weight	Unit			kg	143						
Compressor	Quantity				1						
Operation range	Type			Hermetically sealed scroll compressor							
	Cooling	Min.~Max.	°CDB	10~43							
Refrigerant	Domestic hot water	Min.~Max.	°CDB	-28~35							
	Type			R-32							
GWP				675.0							
	Charge			kg	3.50						
	Charge			TCO2Eq	2.36						
	Control			Expansion valve							
Sound power level	Heating	Nom.	dBA	64						66	
	Cooling	Nom.	dBA							68	
Sound pressure level	Heating	Nom.	dBA	48		49		52			
	Cooling	Nom.	dBA			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/AB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/AB 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+++.

Daikin Europe N.V. Naamloze Vennootschap Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Publisher)



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