

Daikin Altherma 3 heating only models

Floor standing air to water heat pump for **heating and hot water**; ideal for low energy houses

- › Integrated stainless steel domestic hot water tank of 180 or 230L
- › PCB board and hydraulic components are located in the front for easy access
- › Small installation footprint of 595 x 600 mm
- › Integrated back-up heater choice of 6 or 9 kW
- › Outdoor unit extracts heat from the outdoor air, even at -28°C

up to

011-1W0319 -> 324



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	o 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_{sp} (Seasonal space heating efficiency)			129	130	133		
		Seasonal space heating eff. class				A++				
	Average climate water outlet 35°C	General	SCOP			4.38	4.45	4.56		
		η_{sp} (Seasonal space heating efficiency)			172	175	179			
		Seasonal space heating eff. class			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	111	104	111	104	111
		Water heating energy efficiency class			A					

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	1,850x595x625
	Weight	Unit	kg	109	118	109	118	109	118	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						
		Water side	Min.~Max.	°C						
	Domestic hot water	Ambient	Min.~Max.	°CDB						
		Water side	Max.	°C						
Sound power level	Nom.		dB(A)	44						
Sound pressure level	Nom.		dB(A)	30						

Outdoor Unit				EPGA	11DV	14DV	16DV
Dimensions	Unit	HeightxWidthxDepth	mm	1440x1160x380			
Weight	Unit		kg	143			
Compressor	Quantity			1			
	Type			Hermetically sealed scroll compressor			
Operation range	Cooling	Min.~Max.	°CDB	10~43			
	Domestic hot water	Min.~Max.	°CDB	-28~35			
Refrigerant	Type			R-32			
	GWP			675.0			
	Charge		kg	3.50			
	Charge		TCO:Eq	2.36			
	Control			Expansion valve			
Sound power level	Heating	Nom.	dB(A)	64		66	
	Cooling	Nom.	dB(A)	68		66	
Sound pressure level	Heating	Nom.	dB(A)	48	49	52	
	Cooling	Nom.	dB(A)	55		52	
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1N~/50/230			
Current	Recommended fuses		A	32			

(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+++.