



Daikin Altherma 3 H

EPGA-D series 11-14-16 kW

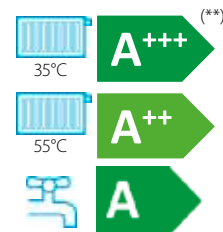
→ COMFORT

- » Heating production of 60°C down to -10°C outside temperature
- » Heating only, reversible (cooling) and bizonne models available
- » Silent outdoor unit: 42 dB(A)*
- » Easy control via the Madoka thermostat (white, silver-grey or black)
- » Outdoor unit operation range down to -28°C



→ ECONOMICAL

- » Up to A+++** in heating at 35°C / A++ at 55°C
- » HP Keymark certified



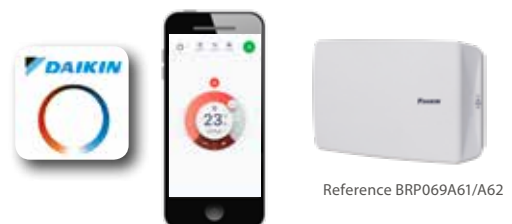
→ EASY TO USE AND TO MAINTAIN

- » Reduction of the installation time: configuration assistant via the Heating Solutions Navigator (HSN)
- » Fully equipped product with a magnetic filter and a antigel valve (option)



→ CONNECTIVITY

- » Control the product remotely with your smartphone or tablet thanks to the LAN accessory.



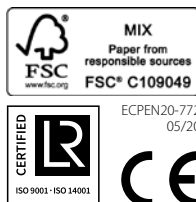
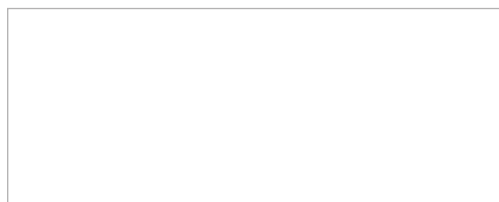
*Sound pressure at 5m from the unit, 1,5m from the ground.
 **For 14 and 16 kW models.

Daikin Altherma 3 H 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	
					A++			A+++		
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					
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	
					A++			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	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						
	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		TCO2Eq	2.36						
	Control			Expansion valve						
Sound power level	Heating	Nom.	dBA	64					66	
	Cooling	Nom.	dBA	68					52	
Sound pressure level	Heating	Nom.	dBA	48		49		52		
	Cooling	Nom.	dBA	55						
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)

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