



Daikin Altherma 3 H

EPGA-DV7 series 11-14-16 kW

✓ Comfort

R-32

- › Heating production of 60°C down to -10°C outside temperature
- › Heating only, reversible (cooling) and bizon 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



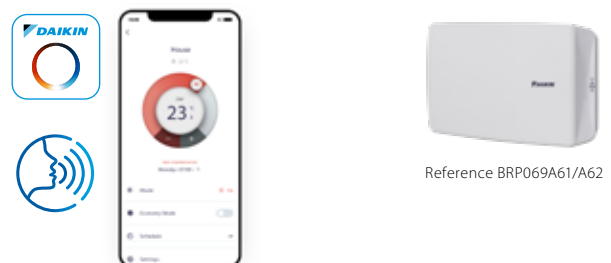
✓ Easy to use and to maintain

- › Installation time reduction: configuration assistant via the Heating Solutions Navigator (HSN)
- › Fully equipped product with a magnetic filter and a antigel valve (option)



✓ Connectivity with Onecta app

- › Control the product remotely with your smartphone or tablet thanks to the LAN accessory.
- › Control your unit with the voice thanks to Amazon Alexa or Google Assistant



*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-D6V7/D9W7

Efficiency data				EAVH + EPGA	16S18D6V7/D9W7 + 11DV7	16S23D6V7/D9W7 + 11DV7	16S18D6V7/D9W7 + 14DV7	16S23D6V7/D9W7 + 14DV7	16S18D6V7/D9W7 + 16DV7	16S23D6V7/D9W7 + 16DV7
Heating capacity	Nom.				11.1 (1) / 11.3 (2)		14.5 (1) / 14.5 (2)		16.5 (1) / 15.6 (2)	
Power input	Heating	Nom.			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
					A					

Efficiency data				EABH + EPGA	16D6V7/D9W7 + 11DV7	16D6V7/D9W7 + 14DV7	16D6V7/D9W7 + 16DV7
Heating capacity	Nom.				11.1 (1) / 11.3 (2)	14.5 (1) / 14.5 (2)	16.5 (1) / 15.6 (2)
Power input	Heating	Nom.			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+++	

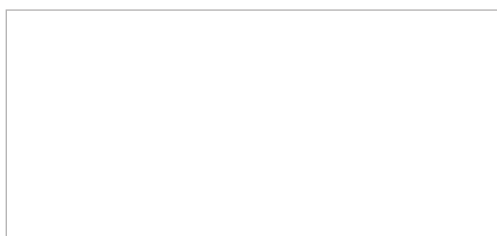
Indoor Unit				EAVH	16S18D6V7/D9W7	16S23D6V7/D9W7	16S18D6V7/D9W7	16S23D6V7/D9W7	16S18D6V7/D9W7	16S23D6V7/D9W7
Casing	Colour	White + Black								
	Material	Resin / Sheet metal								
Dimensions	Unit	HeightxWidthxDepth		mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625
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	-28~35					
		Water side	Min.~Max.	°C	18~60					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-28~35					
		Water side	Max.	°C	10~60					
Sound power level	Nom.			dBA	44					
Sound pressure level	Nom.			dBA	30					

Indoor Unit				EABH	16D6V7	16D9W7	16D6V7	16D9W7	16D6V7	16D9W7
Casing	Colour	White + Black								
	Material	Resin, sheet metal								
Dimensions	Unit	HeightxWidthxDepth		mm	840x440x390					
Weight	Unit			kg	38					
Operation range	Heating	Ambient	Min.~Max.	°C	-28~35					
		Water side	Min.~Max.	°C	18~60					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-28~35					
		Water side	Max.	°C	10~60					
Sound pressure level	Nom.			dBA	30					

Outdoor Unit				EPGA	11DV7	14DV7	16DV7
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		
	Heating/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
Sound pressure level	Heating	Nom.		dBA	48		49
	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) This product contains fluorinated greenhouse gases.

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CEPEN22-772 01/22



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