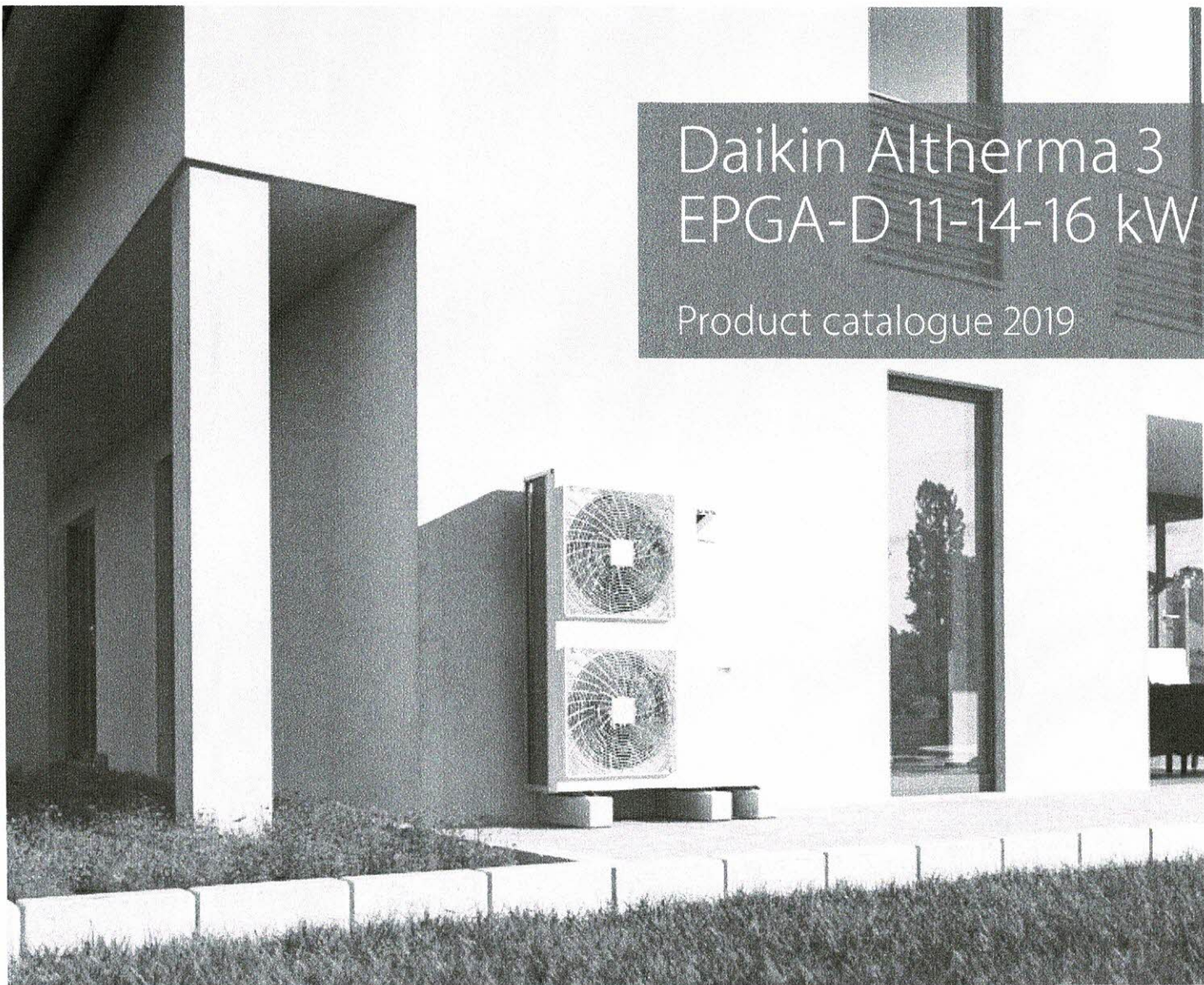


Daikin Altherma 3
EPGA-D 11-14-16 kW

Product catalogue 2019



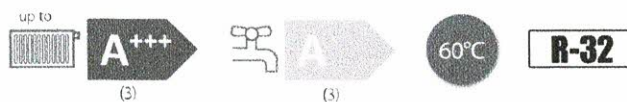
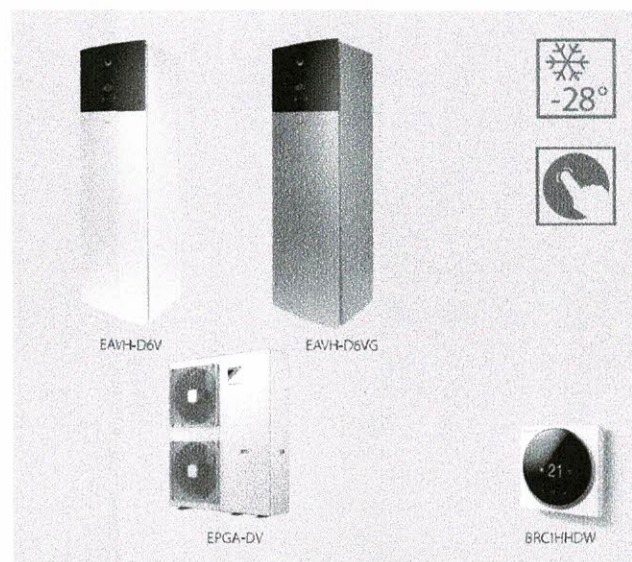
Safety and efficiency thanks to
hydraulic connections



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



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 _{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	112	104	112	104
		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
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			
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	2.35					
	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	V3/1N~/50/230					
Current	Recommended fuses			A	32					

(1) Cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/MB 7°C/6°C - LWC 35°C (DT = 5°C); (2) Cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/MB 7°C/6°C - LWC 45°C (DT = 5°C)

(3) According to EN 1811/2013 label layout 2013, on a scale from L to A+++.