

Daikin Altherma 3 R - ERGA-E series - technical specifications

Indoor Unit				EHVH	04S18E6V	04S23E6V	08S18E6V/E9W	08S23E6V/E9W	08S18E6V/E9W	08S23E6V/E9W
Dimensions	Unit	Height x Width x Depth		mm	1,650 x 595 x 625	1,850 x 595 x 625	1,650 x 595 x 625	1,850 x 595 x 625	1,650 x 595 x 625	1,850 x 595 x 625
Weight	Unit			kg	119	128	119	128	119	128
	Water volume			l	180	230	180	230	180	230
Tank	Maximum water temperature			°C	70					
	Maximum water pressure			bar	10					
	Corrosion protection				Pickling					
					5~30					
Operation range	Heating	Ambient	Min.~Max.	°C	15~65					
		Water side	Min.~Max.	°C	5~35					
	Domestic hot water	Ambient	Min.~Max.	°CDB	70					
		Water side	Max.	°C	42					
Sound power level	Nom.			dBA	28					
Sound pressure level	Nom.			dBA	28					
Efficiency data				EHVH + ERGA	04S18E6V+04EV	04S23E6V+04EV	08S18E6V/E9W+06EV	08S23E6V/E9W+06EV	08S18E6V/E9W+08EV	08S23E6V/E9W+08EV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating		Nom.	kW	0.850 (1) / 1.26 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
COP					5.10 (1) / 3.65 (2)		4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
	Space heating	Average climate water outlet 55 °C	General	SCOP	3.26				3.32	
				ηs (Seasonal space heating efficiency)	127				130	
						4.48		4.47		4.56
					176				179	
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL
		Average climate		ηwh (water heating efficiency)	125		133		125	
							A+			
Indoor Unit				EHS	04P30D3	08P30D3	08P50D3	08P30D3	08P50D3	
Dimensions	Unit	Height x Width x Depth		mm	1,891 x 595 x 615		1,896 x 790 x 790	1,891 x 595 x 615	1,896 x 790 x 790	
Weight	Unit			kg	73		93	73	93	
	Water volume			l	294		477	294	477	
Tank	Maximum water temperature			°C	85					
	Heating	Ambient	Min.~Max.	°C	-25~-25					
		Water side	Min.~Max.	°C	18~-65					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~-35					
Water side		Min.~Max.	°C	25~-55						
Sound power level	Nom.			dBA	39					
Efficiency data				EHS + ERGA	04P30D3 + 04EV	08P30D3 + 06EV	08P50D3 + 06EV	08P30D3 + 08EV	08P50D3 + 08EV	
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating		Nom.	kW	0.84 (1) / 1.26 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
COP					5.10 (1) / 3.65 (2)		4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
	Space heating	Average climate water outlet 55 °C	General	SCOP	3.26				3.32	
				ηs (Seasonal space heating efficiency)	127				130	
						4.48		4.47		4.56
					176				179	
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL
		Average climate		ηwh (water heating efficiency)	115		106		115	
					A+		A		A+	
Indoor Unit				EHBH	04E6V	08E6V	08E9W	08E6V	08E9W	
Dimensions	Unit	Height x Width x Depth		mm	840 x 440 x 390					
Weight	Unit			kg	42.0					
	Water volume			l	42.4					
Operation range	Heating	Water side	Min.~Max.	°C	15~65					
		Domestic hot water	Water side	Min.~Max.	°C	25~75				
	Sound power level		Nom.			dBA				
	Sound pressure level		Nom.			dBA				
Efficiency data				EHBH + ERGA	04E6V + 04EV	08E6V + 06EV	08E9W + 06EV	08E6V + 08EV	08E9W + 08EV	
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)	
Power input	Heating		Nom.	kW	0.85 (1) / 1.26 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
COP					5.10 (1) / 3.65 (2)		4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)	
	Space heating	Average climate water outlet 55 °C	General	SCOP	3.26				3.32	
				ηs (Seasonal space heating efficiency)	127				130	
						4.48		4.47		4.56
					176				179	
							A+++			
Outdoor Unit				ERGA	04EV	06EV	08EV			
Dimensions	Unit	Height x Width x Depth		mm	740 x 884 x 388					
Weight	Unit			kg	58.5					
	Compressor	Quantity			1					
		Type			Hermetically sealed swing compressor					
Operation range	Cooling	Min.~Max.		°CDB	10~43					
		Domestic hot water		Min.~Max.	°CDB	-25~-35				
	Type					R-32				
	GWP					675.0				
Refrigerant	Charge			kg	1.50					
	Charge			TCO ₂ Eq	1.01					
	Control					Expansion valve				
Sound power level	Heating	Nom.			dBA	58				
	Cooling	Nom.			dBA	61				
Sound pressure level	Heating	Nom.			dBA	44				
	Cooling	Nom.			dBA	48				
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/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) This product contains fluorinated greenhouse gases.

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



CEPEN21-724

05/21



The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this publication to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V.

Printed on non-chlorinated paper.

Daikin Europe N.V. participates in the Eurovent Certified Performance programme for Liquid Chilling Packages and Hydronic Heat Pumps, Fan Coil Units and Variable Refrigerant Flow systems. Check ongoing validity of certificate:
 www.eurovent-certification.com