

Daikin Altherma low temperature split

EHVH-CBV



DAIKIN
altherma



Guaranteed operation down to -25°C



Online controller via app

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

- › Integrated indoor unit: all-in-one floor standing unit including the domestic hot water tank
- › Energy efficient heating only system without back-up heater
- › Perfect fit for new built as well as for low energy houses
- › Best seasonal efficiencies, providing the highest savings on running costs
- › Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- › Outdoor unit extracts heat from the outdoor air, even at -25°C
- › Inverter controlled swing compressor

EHVH-CBV + ERLQ-CV3/CW1



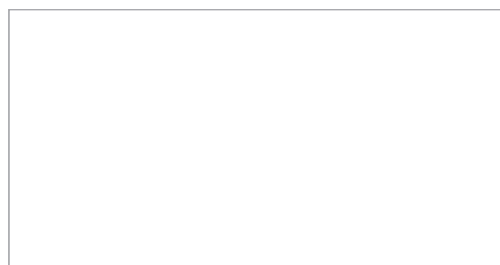
Indoor Unit		EHVH	04S18CBV	08S18CBV	08S26CBV	11S26CBV	16S26CBV
Casing	Colour		White				
	Material		Precoated sheet metal				
Dimensions	Unit	HeightxWidthxDepth	mm				
Weight	Unit		kg				
Tank	Water volume		116	117	125	124	126
	Maximum water temperature		°C				
	Maximum water pressure		bar				
	Corrosion protection		Anode				
Operation range	Heating	Water side Min.~Max.	°C			10~55.0	
	Domestic hot water	Water side Min.~Max.	°C			25~70	
Sound power level	Nom.		dBA			42.0	
Sound pressure level	Nom.		dBA			28.0 (1)	

Efficiency data				EHVH + ERLQ	04S18CBV + 004CV3	08S18CBV + 006CV3	08S26CBV + 006CV3	08S18CBV + 008CV3	08S26CBV + 008CV3	11S26CBV + 011CV3	16S26CBV + 014CV3	16S26CBV + 016CV3	11S26CBV + 011CW1	16S26CBV + 014CW1	16S26CBV + 016CW1
Space heating 	Average climate water outlet 55°C	General	SCOP		3.20	3.22		3.20		3.09	3.16	3.06	3.09	3.16	3.06
			η_{sp} (Seasonal)	%	125	126		125		120	123	119	120	123	119
	Average climate water outlet 35°C	General	Seasonal space heating		A++					A+					
			SCOP		4.52	4.29		4.34		3.98	3.90	3.80	3.98	3.90	3.80
Domestic hot water heating	Average climate	General	η_{wh} (Seasonal)	%	178	169		171		156	153	149	156	153	149
			Seasonal space heating		A++					A+		A++		A+	
	Declared load profile	General	η_{wh} (water heating efficiency)	%	L		XL	L		XL					
					Water heating energy efficiency class		95.0	86.4	90.0	86.4	90.0	97.7			
Heating capacity	Nom.		kW		4.40 (2) / 6.00 (2) / 5.67 (3)		7.40 (2) / 6.89 (3)		11.2 (2) / 11.0 (3)		14.5 (2) /	16.0 (2) /	11.2 (2) / 11.0 (3)	14.5 (2) /	16.0 (2) /
Power input	Heating	Nom.	kW		0.870 (2) / 1.27 (2) / 1.59 (3)		1.66 (2) / 2.01 (3)		2.43 (2) /		3.37 (2) /	3.76 (2) /	3.42 (2) /	3.37 (2) /	3.76 (2) /
COP					5.04 (2) / 4.74 (2) / 3.56 (3)		4.45 (2) / 3.42 (3)		4.60 (2) / 2.75 /		4.30 (2) / 2.65 /	4.60 (2) / 2.75 /	4.30 (2) / 2.65 /	4.25 (2) / 2.65 /	4.25 (2) / 2.64 /

Outdoor Unit		ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1
Dimensions	Unit	HeightxWidthxDepth	mm					1,345x900x320			
Weight	Unit		kg					113			
Compressor	Quantity		54					114			
Operation range	Type		Hermetically sealed swing compressor					Hermetically sealed scroll compressor			
	Cooling	Min.~Max.	°CDB					10.0~43.0			
Refrigerant	Domestic hot	Min.~Max.	°CDB					-20 ~35			
	Type		R-410A								
Control	GWP		2,087.5								
	Charge		kg					7.1			
Sound power level	Heating	Nom.	dBA					3.4			
	Cooling	Nom.	dBA					Expansion valve (electronic type)			
Sound pressure level	Heating	Nom.	dBA					61			
	Cooling	Nom.	dBA					62			
Power supply	Name/Phase/Frequency/Voltage		Hz/V					V3/1~/50/230			
	Recommended fuses		A					W1/3N~/50/400			

Condition 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) | Condition 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) | Condition 3: heating Ta DB -7°C (RH85%) - LWC 35°C | Condition 4: heating Ta DB -7°C (RH85%) - LWC 45°C | 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)



ECPE16-771

02/17



Daikin Europe N.V. participates in the Eurovent Certification programme for Liquid Chilling Packages (LCP), Air handling units (AHU), Fan coil units (FCU) and variable refrigerant flow systems (VRF) Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

The present leaflet 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 leaflet 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 leaflet. All content is copyrighted by Daikin Europe N.V.