



Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

Αντλίες θερμότητας



Κεντρικά Γραφεία | Ελ. Βενιζέλου 5
Έκθεση | Αριστείδου 40 & Ελ.Βενιζέλου 3
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Daikin Altherma R Hybrid

Hybrid technology combining condensing gas and air to water heat pump for heating and hot water

- › Heating only + heating and cooling models
- › Depending on outdoor temperature, energy prices and internal heat load, Daikin Altherma Hybrid heat pump always selects the most economical mode to operate
- › Low investment cost: no need to replace the existing radiators (up to 80 °C) and pipe work
- › Provides sufficient heat in renovation applications as all heat loads are covered up to 32 kW
- › Easy and fast installation thanks to the compact dimensions and quick interconnections



Efficiency data				EHYHBH05AV32 + EVLQ05CV3	EHYHBH08AV32 + EVLQ08CV3	EHYHBX08AV3 + EVLQ08CV3
Space heating	Average climate water outlet 55 °C	General	SCOP (Seasonal space heating efficiency)	3.28 128	3.24 127	3.29 129
	Seasonal space heating eff. class			A++		
Domestic hot water heating	Average climate	Declared load profile	η _{wh} (water heating efficiency)	XL 83.8		
	Water heating energy efficiency class			A		
Heating capacity	Nom.		kW	4.40(1) / 4.03(2)	7.40(1) / 6.89(2)	7.40(1) / 6.89(2)
Cooling capacity	Nom.		kW	-	-	6.86(1) / 5.36(2)
Power input	Heating	Nom.	kW	0.870(1) / 1.13(2)	1.66(1) / 2.01(2)	1.66(1) / 2.01(2)
	Cooling	Nom.	kW	-	-	2.01(1) / 2.34(2)
COP				5.04(1) / 3.58(2)	4.45(1) / 3.42(2)	4.45(1) / 3.42(2)
EER				-	-	3.42(1) / 2.29(2)

Indoor unit (Hydrobox & Boiler)				EHYHBH05AV32	EHYHBH08AV32	EHYHBX08AV3	EHYKOMB33AA2	EHYKOMB33AA3
Central heating	Heat input Q _{in} (net calorific value)	Nom	Min/Max	kW			6.2 / 7.6 / 7.6 / 22.1 / 27.0 / 27.0	
	Output P _{in} at 80/60 °C	Min/Nom		kW			6.7 / 8.2 / 8.2 / 21.8 / 26.6 / 26.6	
	Efficiency	Net calorific value		%			98 / 107	
	Operation range	Min/Max		°C			15 / 80	
Domestic hot water	Output	Min/Nom		kW			7.6 / 32.7	
	Water flow	Rate	Nom	l/min			9.0 / 15.0	
	Operation range	Min/Max		°C			40 / 65	
Gas	Connection	Diameter		mm			15	
	Consumption (G20)	Min/Max		m ³ /h			0.78 / 3.39	
	Consumption (G25)	Min/Max		m ³ /h			0.90 / 3.93	
	Consumption (G31)	Min/Max		m ³ /h			0.30 / 1.29	
Supply air	Connection			mm			100	
	Concentric			mm			1	
Flue gas	Connection			mm			60	
Casing	Colour			White			White - RAL9010	
	Material			Precoated sheet metal			Precoated sheet metal	
Dimensions	Unit	Height x Width x Depth		mm			902 x 450 x 164	
	Unit	Empty		kg			30.0 / 31.2 / 36	
Power supply	Phase/Frequency/Voltage			Hz/V			1~/50/230	
Electrical power consumption	Max.			W			55	
	Standby			W			2	
Operation range	Heating	Ambient	Min.-Max.	°C			-25 ~25	
		Water side	Min.-Max.	°C			25 ~55	
	Cooling	Ambient	Min.-Max.	°CDB			10 ~43	
		Water side	Min.-Max.	°C			5 ~22	

Outdoor unit				EVLQ05CV3	EVLQ08CV3
Dimensions	Unit	Height x Width x Depth		mm	
Weight	Unit			kg	
Compressor	Quantity			1	
	Type			Hermetically sealed swing compressor	
Operation range	Heating	Min.-Max.		°CWB	
	Refrigerant	Type		R-410A	
Charge	GWP			2,088	
	Charge	kg		1.5 / 1.6	
	Charge	TCO _{Eq}		3.0 / 3.3	
	GWP			2,088	
Sound power level	Heating	Nom.		dBA	
Sound pressure level	Heating	Nom.		dBA	
Power supply	Name/Phase/Frequency/Voltage			Hz/V	
Current	Recommended fuses			A	

(1) Ta DB/WB 7 °C/6 °C - LWC 35 °C (DT = 5 °C) (2) Condition: Ta DB/WB 7 °C/6 °C - LWC 45 °C (DT=5 °C) (3) Cooling Ta 35 °C - LWE 18 °C (DT = 5 °C); heating Ta DB/WB 7 °C/6 °C - LWC 35 °C (DT = 5 °C). (4) 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.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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Daikin Altherma H Hybrid

Hybrid technology combining condensing gas and air to water heat pump for **heating and hot water**

- › Heating only models
- › Depending on outdoor temperature, energy prices and internal heat load, the Daikin Altherma H Hybrid always selects the most economical mode to operate
- › Low investment cost: no need to replace the existing radiators (up to 80 °C) and pipe work
- › Provides sufficient heat in renovation applications as all heat loads are covered up to 32 kW
- › Easy and fast installation thanks to the compact dimensions and water connections



011-IW0293

Efficiency data				EHY2KOMB28AA + EJHA04AAV3		EHY2KOMB32AA + EJHA04AAV3		
Heating capacity	Nom.				3.83 (1)			
Power input	Heating	Nom.			0.85 (1)			
COP					4.49 (1)			
Space heating	Average climate water outlet 55 °C	General	SCOP		3.26		3.28	
			η _s (Seasonal space heating efficiency)	%			128	
			Seasonal space heating eff. class				A++	
Space heating	Average climate water outlet 35 °C	General	SCOP		4.14		4.15	
			η _s (Seasonal space heating efficiency)	%			163	
			Seasonal space heating eff. class				A++	
Domestic hot water heating	Average climate	General	Declared load profile				XL	
			η _{wh} (water heating efficiency)	%			87	
			Water heating energy efficiency class				A	
Indoor unit				EHY2KOMB28AA		EHY2KOMB32AA		
Central heating	Heat input Q _n (net calorific value)	Nom	Min/Max	kW	7.1 / 23.7		7.6 / 27.0	
	Output P _n at 80/60 °C	Nom		kW	23.1		26.6	
	Efficiency	Net calorific value 80/60		%	98		99	
	Efficiency	Net calorific value 37/30 (30%)		%			108	
	Operation range	Min/Max		°C			30 / 90	
Domestic hot water	Output	Min/Nom		kW	7.2 / 29.1		7.6 / 32.7	
	Water flow	Rate 40/10 °C		l/min	12.5		15.0	
	Operation range	Min/Max		°C			40/65	
Gas	Connection	Diameter		mm			15	
	Consumption (G20)	Min/Max		m ³ /h	0.74 / 3.02		0.79 / 3.39	
	Consumption (G31)	Min/Max		m ³ /h	0.28 / 1.15		0.30 / 1.29	
	Connection	Concentric		mm			100	
Flue gas	Connection			mm			1	
	Casing	Colour					60	
Dimensions	Unit	HxWxD	Casing	mm	650 x 450 x 240		710 x 450 x 240	
	Weight	Unit	Empty	kg	33		36	
Power supply	Phase/Frequency/Voltage			Hz/V			1~/50/230	
Electrical power consumption	Max.			W			110	
	Standby			W			2	
Outdoor unit				EJHA04AAV3				
Dimensions	Unit		HxWxD	mm	745 x 845 x 329			
Weight	Unit			kg	45			
Compressor	Quantity				1			
	Type				Hermetically sealed swing compressor			
Operation range	Heating		Min.-Max.	°CWB	-15~-25			
Refrigerant	Type				R-32			
	GWP				675			
	Charge			kg	0.56			
	Charge			TCO ₂ Eq	0.38			
Sound power level	Heating		Nom.	dB(A)	58.7			
Sound pressure level	Heating		Nom.	dB(A)	37			
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/220-240			
Current	Recommended fuses			A	20			

(1) Ta D3/WB 7 °C/6 °C - LWC 35 °C (DT = 5 °C).

This product contains fluorinated greenhouse gases

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