

# Daikin Altherma hybrid heat pump

EHYHBH-AV32/EHYKOMB-AA2/3



Guaranteed  
operation  
down to -25°C

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

- › 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 27kW
- › Easy and fast installation thanks to the compact dimensions and quick interconnections

# EHYHBH-AV32/EHY- KOMB-AA2/3 + EVLQ-CV3



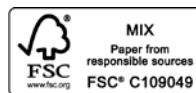
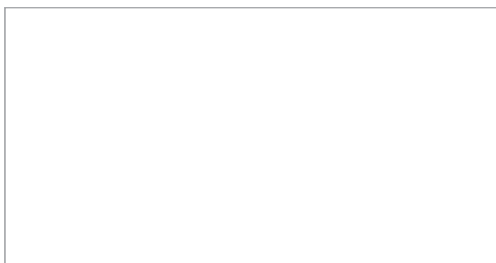
Efficiency data				EHYHBH + EVLQ	05AV32 + 05CV3	08AV32 + 08CV3
Heating capacity	Min.			1.80 (1) / 1.80 (2)		
	Nom.			4.40 (1) / 4.03 (2)	7.40 (1) / 6.89 (2)	
	Max.			5.12 (1) / 4.90 (2)	10.02 (1) / 9.53 (2)	
Power input	Heating	Nom.		0.87 (1) / 1.13 (2)	1.66 (1) / 2.01 (2)	
COP					5.04 (1) / 3.58 (2)	4.45 (1) / 3.42 (2)

Indoor Unit		EHYHBH		05AV32	08AV32	EHYKOMB33A2/3
Gas	Consumption (G20) Min-Max				-	0.78-3.39
	Consumption (G25) Min-Max				-	0.90-3.93
	Consumption (G31) Min-Max				-	0.30-1.29
	Connection	Diameter			-	15
Central heating	Heat input Qn	Nom	Min-Max			7.6-27 (3)
	(net calorific value)				-	
	Output Pn at 80/60°C	Min-Nom				8.2-26.6 (3)
	Efficiency	Net calorific value				98 (4) / 107 (5)
Domestic hot water	Operation range	Min-Max				15-80
	Output	Min-Nom				7.6-32.7
	Water flow	Rate	Nom			9.0 / 15.0
	Operation range			Min-Max		40-65
Supply air	Connection					100
	Concentric					Yes
Flue gas	Connection					60
Casing	Colour			White		White - RAL9010
	Material			Precoated sheet metal		
Dimensions	Unit	HeightxWidthxDepth		902x450x164		820x490x270
Weight	Unit			30	31.2	36
Power supply	Phase/Frequency/Voltage			-		1~/50/230
Electrical power consumption	Max.			-		55
	Standby			-		2
Operation range	Heating	Ambient	Min.~Max.	-25~-25		-
		Water side	Min.~Max.	25~55		-
Notes						For water circuit central heating, safety valve: refer to EHYHB*

Outdoor Unit		EVLQ		05CV3	08CV3
Dimensions	Unit	HeightxWidthxDepth		735x832x307	
Weight	Unit			54	56
Compressor	Quantity			1	
	Type			Hermetically sealed swing compressor	
Operation range	Heating	Min.~Max.		-25~-25	
Refrigerant	Type / GWP			R-410A / 2,087.5	
	Charge	kg		1.45	1.6
	Charge	TCO <sub>2</sub> Eq		3.0	3.3
Sound power level	Heating	Nom.		61	62
Sound pressure level	Heating	Nom.		48	49
Power supply	Name/Phase/Frequency/Voltage			V3/1~/50/230	
Current	Recommended fuses			A 20	

(1) Condition: 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) Values according to G20 (4) 80/60 (5) 40/30 (30%)

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ECPEN15-749

04/15



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