

Daikin Altherma hybrid heat pump

EHYHBX-AV3/EHYKOMB-AA2/3



Guaranteed
operation
down to -25°C

Hybrid technology combining gas and air to water heat pump for heating, **cooling** 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

EHYHBX-AV3/EHYKOMB-AA2/3 + EVLQ-CV3



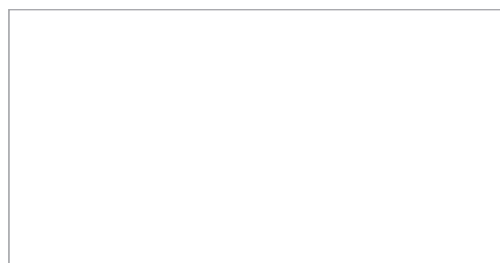
Efficiency data		EHYHBX + EVLQ		08AV3 + 08CV3	
Heating capacity	Min.	kW		1.80 (1) / 1.80 (2)	
	Nom.	kW		7.40 (1) / 6.89 (2)	
	Max.	kW		10.02 (1) / 9.53 (2)	
Cooling capacity	Min.	kW		2.50 (1) / 2.50 (2)	
	Nom.	kW		6.86 (1) / 5.36 (2)	
	Power input	Heating	Nom.	kW	
	Cooling	Nom.	kW		
			1.66 (1) / 2.01 (2)		
			2.01 (1) / 2.34 (2)		
COP			4.45 (1) / 3.42 (2)		
EER			3.42 (1) / 2.29 (2)		

Indoor Unit		EHYHBX		08AV3		EHYKOMB33A2/3			
Gas	Consumption (G20)	Min-Max	m³/h		-		0.78-3.39		
	Consumption (G25)	Min-Max	m³/h		-		0.90-3.93		
	Consumption (G31)	Min-Max	m³/h		-		0.30-1.29		
	Connection	Diameter	mm		-		15		
Central heating	Heat input Qn (net calorific value)	Nom	Min-Max	kW		-		7.6-27 (3)	
	Output Pn at 80/60°C	Min-Nom	kW		-		8.2-26.6 (3)		
	Efficiency	Net calorific value		%		-		98 (4) / 107 (5)	
	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		
Supply air	Connection	mm		-		100			
	Concentric			-		Yes			
Flue gas	Connection	mm		-		60			
Casing	Colour			White		White - RAL9010			
	Material			Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth	mm		902x450x164		820x490x270		
Weight	Unit	kg		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			
Notes					For water circuit central heating, safety valve: refer to EHYHB*				

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

(1) 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) (2) 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) (3) Values according to G20 (4) 80/60 (5) 40/30 (30%)

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