

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



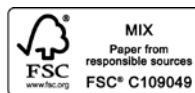
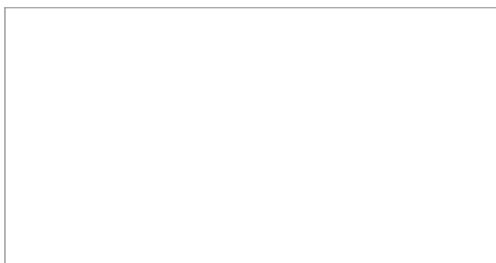
Efficiency data		EHYHBX + EVLQ		08AV3 + 08CV3		
Heating capacity	Min.			kW		
	Nom.			kW		
	Max.			kW		
Cooling capacity	Min.			kW		
	Nom.			kW		
	Max.			kW		
Power input	Heating	Nom.			kW	
	Cooling	Nom.			kW	
COP						
EER						

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			
Weight	Unit					kg		
Compressor	Quantity					1		
	Type					Hermetically sealed swing compressor		
Operation range	Heating	Min.~Max.				°CWB		
Refrigerant	Type / GWP					R-410A / 2,087.5		
	Charge					kg		
	Charge					TCO ₂ Eq		
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) 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%)

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



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