

# High COP, round flow cassette

FCAHG-F



First R-32 BLUEEVOLUTION light commercial range available in Europe

- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A, leads directly to lower energy consumption thanks to its high energy efficiency and has a 10% lower refrigerant charge
- › 5 different fan speeds available for maximum comfort
- › Reduces maintenance costs as no yearly refrigerant containment check is required thanks to the low GWP levels
- › 360° air discharge ensures uniform air flow and temperature distribution

# FCAHG-F + RZAG-LV1



Indoor unit		FCAHG		71F	100F	125F	140F
Dimensions	Unit	HeightxWidthxDepth	mm	288x840x840			
Decoration panel	Colour	Pure White (RAL 9010)					
Decoration panel 2	Dimensions	HeightxWidthxDepth	mm	130x950x950			
	Colour	Pure White (RAL 9010)					
Decoration panel 3	Dimensions	HeightxWidthxDepth	mm	130x950x950			
	Colour	Pure White (RAL 9010)					
Decoration panel 4	Dimensions	HeightxWidthxDepth	mm	50x950x950			
	Colour	Pure White (RAL 9010)					
	Dimensions	Depth	mm	950			
		Height	mm	50			
		Width	mm	950			
Sound power level	Cooling		dBa	53		61	
	Heating		dBa	53		61	
Sound pressure level	Cooling	High/Low	dBa	36/29	44/33	45/35	45/37
	Heating	High/Low	dBa	36/29	44/33	45/35	45/37
Refrigerant	Type	R-32					
	GWP	675					

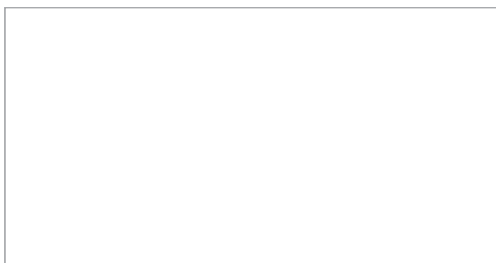
Efficiency data			FCAHG + RZAG	71F + 71LV1	100F + 100LV1	125F + 125LV1	140F + 140LV1
Cooling capacity	Nom.		kW	6.8	9.5	12.0	13.4
Heating capacity	Nom.		kW	7.5	10.8	13.5	15.5
Power input	Cooling	Nom.	kW	1.66	2.15	3.00	4.00
	Heating	Nom.	kW	1.56	2.16	3.07	3.77
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++			
		Pdesign	kW	6.80	9.50	12.00	-
		SEER		7.35		6.94	-
	Heating (Average climate)	Annual energy consumption	kWh	324	452	605	-
		Energy label		A+			
		Pdesign	kW	5.65	9.13	9.52	-
Nominal efficiency	EER	SCOP/A		4.54	4.64	4.63	-
		Annual energy consumption	kWh	1,743	2,753	2,879	-
	COP	EER		4.09	4.42	4.00	3.35
		COP		4.80	4.99	4.40	4.12
Annual energy consumption	kWh	830	1,075	1,500	2,000		
Energy label	Cooling/Heating	A/A					

Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load | EER/COP according to Eurovent 2012, for use outside EU only

Outdoor unit		RZAG		71LV1	100LV1	125LV1	140LV1
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320	1,430x940x320		
Sound power level	Cooling		dBa	64		66	67
Sound pressure level	Cooling	Nom.	dBa	48	49	51	52
	Heating	Nom.	dBa	50	51	52	
Operation range	Night quiet mode	Level 1	dBa	43	45		
	Cooling	Ambient	Min.-Max. °CDB	-15~-50			
Refrigerant	Heating	Ambient	Min.-Max. °CWB	-20~-15.5			
	Type/Charge/GWP		kg/TCO <sub>eq</sub>	R-32/2.6/1.8/675		R-32/3.4/2.3/675	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240			

Contains fluorinated greenhouse gases

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