



FCQHG71-140F



RZQG100-140L8/7V1/L(8)Y1



BRC1E52A/B

BRC7F532F



- › High COP cassette ensures top energy performance
- › The round flow cassette provides a more comfortable environment and offers greater savings in energy consumption to shop, office and restaurant owners
- › 360° air discharge ensures uniform air flow and temperature distribution
- › Modern style decoration panel is available in 3 different variations: pure white (RAL9010) auto cleaning panel, pure white (RAL9010) standard panel with grey louvers and pure white (RAL9010) standard panel with white louvers
- › Daikin introduces first auto cleaning cassette to European market.
- › Higher efficiency and comfort thanks to daily auto cleaning of the filter.
- › Lower maintenance costs thanks to auto cleaning function.
- › Easy dust removal with vacuum cleaner without opening the unit.
- › The presence sensor (optional) : adjusts the temperature or switches off the unit when there is nobody in the room - ensures the air flow is directed away from any person detected in the room, when the air flow control is activated
- › The floor sensor (optional) detects the average floor temperature and ensures even temperature distribution between ceiling and floor. Cold feet will become history.
- › Individual flap control: one flap can be easily closed via the wired remote controller (BRC1E52) in case you would refurbish or rearrange your interior
- › Fresh air intake: up to 20 %
- › No optional adapter needed for DIII-connection, link your unit into the wider building management system.

Heating & Cooling



INDOOR UNIT			FCQHG71F	FCQHG100F	FCQHG125F	FCQHG140F	FCQHG71F	FCQHG100F	FCQHG125F	FCQHG140F	
Cooling capacity	Min./Nom./Max.	kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	
Heating capacity	Min./Nom./Max.	kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A++								
		Pdesign	kW	6.80	9.50	12.00	-	6.80	9.50	12.00	-
		SEER		7.00		6.61	-	7.00		6.61	-
	Heating (Average climate)	Energy label		A+	A++			A+	A++		
		Pdesign	kW	7.60	11.30	12.66	-	7.60	11.30	12.66	-
		SCOP		4.54	4.80	4.63	-	4.54	4.80	4.63	-
	Annual energy consumption	kWh	2,343	3,295	3,829	-	2,343	3,295	3,829	-	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		4.09	4.42	4.00	3.35	4.09	4.42	4.00	3.35	
	COP		4.80	4.99	4.40	4.12	4.80	4.99	4.40	4.12	
	Annual energy consumption	kWh	830	1,075	1,500	2,000	830	1,075	1,500	2,000	
Casing	Energy label	Cooling/Heating	A/A			-/-		A/A		-/-	
	Colour										
Dimensions	Unit	HeightxWidthxDepth	mm								
Weight	Unit		25	26		25		26			
Decoration panel	Model		BYCQ140D7W1 / BYCQ140D7W1W / BYCQ140D7GW1								
	Colour		Pure White (RAL 9010) / Pure White (RAL 9010) /								
	Dimensions	HeightxWidthxDepth	mm								
	Weight		kg								
			60x950x950 / 950x60x950 / 145x950x950								
			5.4 / 5.4 / 10.3								
Fan - Air flow rate	Cooling	High/Nom./Low	m³/min	21.2/16.7/12.2	32.3/25.7/19.0	33.5/26.7/19.9	33.5/27.3/21.1	21.2/16.7/12.2	32.3/25.7/19.0	33.5/26.7/19.9	33.5/27.3/21.1
	Heating	High/Nom./Low	m³/min	21.2/16.7/12.2	32.3/25.7/19.0	33.5/26.7/19.9	33.5/27.3/21.1	21.2/16.7/12.2	32.3/25.7/19.0	33.5/26.7/19.9	33.5/27.3/21.1
Sound power level	Cooling	High	dBA	53		61		53		61	
	Heating	High	dBA	53		61		53		61	
Sound pressure level	Cooling	High/Nom./Low	dBA	36/33/29	44/39/33	45/40/35	45/41/37	36/33/29	44/39/33	45/40/35	45/41/37
	Heating	High/Nom./Low	dBA	36/33/29	44/39/33	45/40/35	45/41/37	36/33/29	44/39/33	45/40/35	45/41/37
Piping connections	Liquid	OD	mm	9.52							
	Gas	OD	mm	15.9							
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50 / 220-240								

OUTDOOR UNIT				RZQG71L8V1	RZQG100L8V1	RZQG125L8V1	RZQG140L7V1	RZQG71L8Y1	RZQG100L8Y1	RZQG125L8Y1	RZQG140LY1
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit		kg	78	102			80	101		
Fan - Air flow rate	Cooling	Nom.	m³/min	59	70		84	59	70		84
	Heating	Nom.	m³/min	49	62			49	62		
Sound power level	Cooling	Nom.	dBA	64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.	dBA	48	50	51	52	48	50	51	52
	Heating	Nom.	dBA	50	52		53	50	52		53
	Night quiet mode	Level 1	dBA	43			45	43			45
Operation range	Cooling	Ambient	Min.-Max. °CDB	-15~50							
	Heating	Ambient	Min.-Max. °CWB	-20~15.5							
Refrigerant	Type/GWP			R-410A/1,975							
Piping connections	Piping length	OU - IU	Max. m	50	75			50	75		
		System	Equivalent m	70	90			70	90		
	Level difference	IU - OU	Max. m	30.0							
		IU - IU	Max. m	0.5							
Power supply	Phase / Frequency / Voltage	Hz / V		1~ / 50 / 220-240				3N~ / 50 / 380-415			
Current - 50Hz	Maximum fuse amps (MFA)	A	20	32			16	20			

(1) EER/COP according to Eurovent 2012. (2) The BYCQ140D7W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt. (3) BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel