



FVQ100-140C



RZQG100-140L7V1/LY1



BRC1E52A/B



- › Ideal solution for shops, restaurants or offices without false ceilings
- › Can be installed in both new and existing buildings
- › Very efficient for use in rooms with high ceilings
- › Decrease of temperature variation by automatic fan speed selection or freely selectable 3-step fan speed.
- › Improved efficiency by adoption of the DC fan motor.
- › No optional adapter needed for DIII-connection, link your unit into the wider building management system.

Heating & Cooling



INDOOR UNIT			FVQ71C	FVQ100C	FVQ125C	FVQ140C	FVQ71C	FVQ100C	FVQ125C	FVQ140C	
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		B		A		B		
		Pdesign	6.8	9.5	12.0	-	6.8	9.5	12.0	-	
		SEER	5.16	5.59	4.77	-	5.16	5.59	4.77	-	
		Annual energy consumption	461	595	881	-	461	595	881	-	
	Heating (Average climate)	Energy label	A		-		A		-		
		Pdesign	6.3	11.3		-		6.3	11.3		-
		SCOP	3.81	3.80	3.85	-	3.81	3.80	3.85	-	
	Annual energy consumption	2,326	4,165	4,111	-	2,326	4,165	4,111	-		
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		3.37	3.81	3.21		3.37	3.81	3.21		
	COP		3.64	4.14	3.70	3.61	3.64	4.14	3.70	3.61	
	Annual energy consumption	kWh	1,010	1,245	1,870	2,085	1,010	1,245	1,870	2,085	
	Energy label	Cooling/Heating	A/A								
Casing	Colour		Fresh white								
Dimensions	Unit	HeightxWidthxDepth	mm	1,850x600x270	1,850x600x350			1,850x600x270	1,850x600x350		
Weight	Unit		kg	39	47			39	47		
Fan - Air flow rate	Cooling	High/Nom./Low	m ³ /min	18/16/14	28/25/22	28/26/24	30/28/26	18/16/14	28/25/22	28/26/24	30/28/26
	Heating	High/Nom./Low	m ³ /min	18/16/14	28/25/22	28/26/24	30/28/26	18/16/14	28/25/22	28/26/24	30/28/26
Sound power level	Cooling	High/Nom./Low	dB(A)	55/53/50	62/59/56	63/60/58	65/63/60	55/53/50	62/59/56	63/60/58	65/63/60
	Heating	High/Nom./Low	dB(A)	55/53/50	62/59/56	63/60/58	65/63/60	55/53/50	62/59/56	63/60/58	65/63/60
Sound pressure level	Cooling	High/Nom./Low	dB(A)	43/41/38	50/47/44	51/48/46	53/51/48	43/41/38	50/47/44	51/48/46	53/51/48
	Heating	High/Nom./Low	dB(A)	43/41/38	50/47/44	51/48/46	53/51/48	43/41/38	50/47/44	51/48/46	53/51/48
Piping connections	Liquid	OD	mm	9.52							
	Gas	OD	mm	15.9							
Power supply	Phase / Frequency / Voltage	Hz / V		1~ / 50/60 / 220-240/220							

OUTDOOR UNIT				RZQG71L7V1	RZQG100L7V1	RZQG125L7V1	RZQG140L7V1	RZQG71LY1	RZQG100LY1	RZQG125LY1	RZQG140LY1
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit		kg	78	102			80	101		
Fan - Air flow rate	Cooling	Nom.	m ³ /min	59	70		84	59	70		84
	Heating	Nom.	m ³ /min	49	62		69	49	62		69
Sound power level	Cooling	Nom.	dB(A)	64	66	67	69	64	66	67	69
	Heating	Nom.	dB(A)	48	50	51	52	48	50	51	52
Sound pressure level	Cooling	Nom.	dB(A)	50	52	53		50	52	53	
	Night quiet mode	Level 1	dB(A)	43	45			43	45		
Operation range	Cooling	Ambient	Min.-Max. °CDB	-15.0~50.0							
	Heating	Ambient	Min.-Max. °CWB	-20.0~15.5							
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