

FBQ-C8 / RZQG-L8/7V1/L(8)Y1 Concealed ceiling unit with inverter driven fan



FBQ100-140C8



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



BRC1E52A/B



BRC4C65



- › Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- › Easy installation thanks to automatic air flow adjustment towards nominal air flow rate
- › Reduction in power consumption thanks to DC inverter fans
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Up to 120Pa external static pressure facilitates using flexible ducts of varying lengths: ideal for shops and medium size offices
- › Whisper quiet operation: down to 29dBa sound pressure level
- › No optional adapter needed for DIII-connection, link your unit into the wider building management system.
- › The air suction direction can be altered from rear to bottom suction
- › Standard built-in drain pump increases reliability of the drain system

Heating & Cooling



INDOOR UNIT			FBQ71C8	FBQ100C8	FBQ125C8	FBQ140C8	FBQ71C8	FBQ100C8	FBQ125C8	FBQ140C8			
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++		A+		-		A++			
		Pdesign	kW	6.80	9.50	12.00	-		6.80	9.50	12.00	-	
		SEER		6.11	5.80	5.81	-		6.11	5.80	5.81	-	
		Annual energy consumption	kWh	389	573	722	-		389	573	722	-	
	Heating (Average climate)	Energy label		A+		A++		A+		-		A++	
		Pdesign	kW	6.00	11.30	12.71	-		6.00	11.30	12.71	-	
		SCOP		4.01	4.61	4.21	-		4.01	4.61	4.21	-	
		Annual energy consumption	kWh	2,094	3,431	4,226	-		2,094	3,431	4,226	-	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.50	3.89	3.81	3.33	3.50	3.89	3.81	3.33		
	COP			3.65	4.21	3.83	3.61	3.65	4.21	3.83	3.61		
	Annual energy consumption		kWh	970	1,220	1,575	2,010	970	1,220	1,575	2,010		
	Energy label	Cooling/Heating			A/A		-/-		A/A		-/-		
Casing	Colour		Not painted (galvanised)										
Dimensions	Unit	HeightxWidthxDepth	mm	300x1,000x700	300x1,400x700		300x1,000x700		300x1,400x700				
Required ceiling void >			mm	350									
Weight	Unit		kg	34	45		34		45				
Decoration panel	Model			BYBS71DJW1	BYBS125DJW1		BYBS71DJW1		BYBS125DJW1				
	Colour			White (10Y9/0.5)									
	Dimensions	HeightxWidthxDepth	mm	55x1,100x500	55x1,500x500		55x1,100x500		55x1,500x500				
Weight			kg	4.5	6		4.5		6				
Fan - Air flow rate	Cooling	High/Low	m³/min	18/15	32/23	39/28		18/15	32/23	39/28			
	Heating	High/Low	m³/min	18/15	32/23	39/28	41/29	18/15	32/23	39/28	41/29		
Fan - External static pressure	High/Nom.		Pa	100/30	120/40	120/50		100/30	120/40	120/50			
Sound power level	Cooling	Nom.	dBA	57	61	66		57	61	66			
Sound pressure level	Cooling	High/Low	dBA	37/29	38/32	40/33		37/29	38/32	40/33			
	Heating	High/Low	dBA	37/29	38/32	40/33	41/34	37/29	38/32	40/33	41/34		
Piping connections	Liquid	OD	mm	9.52									
	Gas	OD	mm	15.9									
Power supply	Phase / Frequency / Voltage			1~ / 50/60 / 220-240/220									

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	
	Heating	Nom.		m³/min	49		62		49		70	
Sound power level	Cooling	Nom.		dBA	64		66		67		69	
Sound pressure level	Cooling	Nom.		dBA	48		50		51		52	
	Heating	Nom.		dBA	50		52		53		50	
	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