



FDQ125C



RZQG125L8V1/Y1



BRC1E52A/B



SEASONAL EFFICIENCY
Smart use of energy

- > 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
- > Improved comfort thanks to 3-step air flow control
- > Up to 200Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas
- > Less duct calculations are needed; moreover, the air flow can be adjusted during installation via the wired remote control (optional) instead of via channel adjustments
- > 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 drain pump with 625mm lift



Heating & Cooling

Seasonal Smart

INDOOR UNIT				FDQ125C	FDQ125C	FDQ125C	FDQ125C
Cooling capacity	Min./Nom./Max.					-/12.0/-	
Heating capacity	Min./Nom./Max.					-/13.5/-	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A+			A
		Pdesign			12.00		
		SEER		5.81			5.20
	Heating (Average climate)	Annual energy consumption		722			807
		Energy label		A+			A
		Pdesign		12.71			7.60
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	Annual energy consumption	Energy label		4.21		4.21	3.90
		SCOP		4,226		2,728	3.21
		COP		3.75		3.83	3.51
Casing	Colour					Not painted (galvanised)	
	Dimensions	Unit	HeightxWidthxDepth	mm		300x1,400x700	
Required ceiling void >	Unit					350	
Weight	Unit					45	
Decoration panel	Model					BYBS125DJW1	
	Colour					White (10Y9/0.5)	
	Dimensions	Unit	HeightxWidthxDepth	mm		55x1,500x500	
	Weight	Unit				6.5	
Fan - Air flow rate	Cooling	High/Low				39/28	
	Heating	High/Low				39/28	
Fan - External static pressure	High/Nom.					200/50	
Sound power level	Cooling	Nom.				66	
Sound pressure level	Cooling	High/Low				40/33	
	Heating	High/Low				40/33	
Piping connections	Liquid	OD				9.52	
	Gas	OD				15.9	
Power supply	Phase / Frequency / Voltage					1~ / 50/60 / 220-240/220	

OUTDOOR UNIT				RZQG125L8V1	RZQG125L8Y1	RZQSG125L8V1	RZQSG125L8Y1
Dimensions	Unit	HeightxWidthxDepth	mm	1,430x940x320		990x940x320	
Weight	Unit			102	101	81	82
Fan - Air flow rate	Cooling	Nom.	m ³ /min	70		77	
	Heating	Nom.	m ³ /min	62		83	
Sound power level	Cooling	Nom.	dBA	67		70	
Sound pressure level	Cooling	Nom.	dBA	51		54/49	54/-
	Heating	Nom.	dBA	53		58	
Operation range	Night quiet mode	Level 1	dBA	45		-	49
	Cooling	Ambient	Min.-Max. °CDB	-15~50		-5~46	
	Heating	Ambient	Min.-Max. °CWB	-20~15.5		-15~15.5	
Refrigerant	Type/GWP			R-410A/1,975			
Piping connections	Piping length	OU - IU	Max. m	75		50	
	System	Equivalent	m	90		70	
	Level difference	IU - OU	Max. m			30.0	
		IU - IU	Max. m			0.5	
Power supply	Phase / Frequency / Voltage			1~ / 50 / 220-240	3N~ / 50 / 380-415	1~ / 50 / 220-240	3N~ / 50 / 380-415
Current - 50Hz	Maximum fuse amps (MFA)		A	32	20	32	20

(1) EER/COP according to Eurovent 2012