



FAQ100C



RZQG100L8V1/Y1



BRC1E52A/B

BRC7EB518



- > Ideal solution for shops, restaurants or offices with no or narrow false ceilings
- > Can be installed in both new and existing buildings
- > Flat, stylish front panel blends easily within any interior décor and is more easy to clean
- > 5 different discharge angles can be programmed via the remote control
- > Maintenance operations can be performed from the front of the unit
- > No optional adapter needed for DIII-connection, link your unit into the wider building management system.

Heating & Cooling



Indoor unit			FAQ71C	FAQ100C	FAQ71C	FAQ100C	
Cooling capacity	Min./Nom./Max.	kW	-/6.8/-	-/9.5/-	-/6.8/-	-/9.5/-	
Heating capacity	Min./Nom./Max.	kW	-/7.5/-	-/10.8/-	-/7.5/-	-/10.8/-	
Power input	Cooling	Nom.	2.00	2.63	2.00	2.63	
	Heating	Nom.	2.03	3.00	2.03	3.00	
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A++				
		Pdesign	kW	6.80	9.50	6.80	9.50
		SEER		6.51	6.11	6.51	6.11
	Heating (Average climate)	Annual energy consumption	kWh	365	544	365	544
		Energy label	A+				
		Pdesign	kW	6.33	10.20	6.33	10.20
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		3.40	3.62	3.40	3.62	
		COP		3.70	3.61	3.70	3.61
	Annual energy consumption	kWh	1,000	1,315	1,000	1,315	
	Energy label	Cooling/Heating	A/A				
Casing	Colour	Fresh White					
Dimensions	Unit	HeightxWidthxDepth	mm	290x1,050x238	340x1,200x240	290x1,050x238	340x1,200x240
Weight	Unit		kg	13	17	13	17
Fan - Air flow rate	Cooling	High/Nom./Low	m³/min	18/16/14	26/23/19	18/16/14	26/23/19
	Heating	High/Nom./Low	m³/min	18/16/14	26/23/19	18/16/14	26/23/19
Sound power level	Cooling	High/Nom./Low	dBA	61/58/56	65/62/58	61/58/56	65/62/58
	Heating	High/Nom./Low	dBA	61/58/56	65/62/58	61/58/56	65/62/58
Sound pressure level	Cooling	High/Nom./Low	dBA	45/42/40	49/45/41	45/42/40	49/45/41
	Heating	High/Nom./Low	dBA	45/42/40	49/45/41	45/42/40	49/45/41
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			RZQG71L8V1	RZQG100L8V1	RZQG71L8Y1	RZQG100L8Y1		
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	59	70	
	Heating	Nom.	m³/min	49	62	49	62	
Sound power level	Cooling	Nom.	dBA	64	66	64	66	
Sound pressure level	Cooling	Nom.	dBA	48	50	48	50	
	Heating	Nom.	dBA	50	52	50	52	
	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



Heating & Cooling

Seasonal Classic

Indoor unit				FAQ71C	FAQ100C	FAQ100C	
Cooling capacity	Min./Nom./Max.		kW	-/6.8/-		-/9.5/-	
Heating capacity	Min./Nom./Max.		kW	-/7.5/-		-/10.8/-	
Power input	Cooling	Nom.	kW	2.12		3.16	
	Heating	Nom.	kW	2.08		3.17	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A+			
		Pdesign	kW	6.80		9.50	
		SEER		6.05		5.61	
	Heating (Average climate)	Annual energy consumption		kWh	393		592
		Energy label			A		A+
		Pdesign	kW	6.00		6.81	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	SCOP			3.90		4.01	
	Annual energy consumption		kWh	2,155		2,377	
	EER			3.21		3.01	
	COP			3.61		3.41	
Casing	Annual energy consumption		kWh	1,059		1,580	
	Energy label			A/A		B/B	
Dimensions	Colour	Fresh White					
Weight	Unit	HeightxWidthxDepth	mm	290x1,050x238		340x1,200x240	
Fan - Air flow rate	Unit		kg	13		17	
	Cooling	High/Nom./Low	m ³ /min	18/16/14		26/23/19	
Sound power level	Heating	High/Nom./Low	m ³ /min	18/16/14		26/23/19	
	Cooling	High/Nom./Low	dB(A)	61/58/56		65/62/58	
Sound pressure level	Heating	High/Nom./Low	dB(A)	61/58/56		65/62/58	
	Cooling	High/Nom./Low	dB(A)	45/42/40		49/45/41	
Piping connections	Heating	High/Nom./Low	dB(A)	45/42/40		49/45/41	
	Liquid	OD	mm		9.52		
Power supply	Gas	OD	mm		15.9		
	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220			

Outdoor unit				RZQSG71L3V1	RZQSG100L8V1	RZQSG100L8Y1
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320		990x940x320
Weight	Unit		kg	67	81	82
Fan - Air flow rate	Cooling	Nom.	m ³ /min	52		76
	Heating	Nom.	m ³ /min	48		83
Sound power level	Cooling	Nom.	dB(A)	65		69
Sound pressure level	Cooling	Nom./Silent operation	dB(A)	49/47	53/49	53/-
	Heating	Nom.	dB(A)	51		57
	Night quiet mode	Level 1	dB(A)			49
Operation range	Cooling	Ambient	Min.-Max. °CDB	-5~46		
	Heating	Ambient	Min.-Max. °CWB	-15~15.5		
Refrigerant	Type/GWP			R-410A/1,975		
Piping connections	Piping length	OU - IU	Max. m	30		50
		System	Equivalent m	40		70
	Level difference	IU - OU	Max. m	15		30.0
Power supply	IU - IU		Max. m		0.5	
	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A	20	32	20

(1) EER/COP according to Eurovent 2012