



FUQ-C



RZQG100-125L8V1/Y1

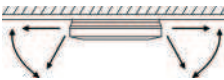


BRC1E52A/B

BRC7C58



- > Ideal solution for commercial spaces with no or narrow false ceilings
- > Low energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- > Stylish unit blends easily with any interior, as the flaps close entirely when not in operation
- > Improved comfort thanks to automatic air flow adjustment to required load
- > Individual flap control: one flap can be easily closed via the wired remote control (BRC1E52) in case you would refurbish or rearrange your interior
- > Can be installed in both new and existing buildings
- > Same outlook for all models (unified dimensions)
- > Auto swing function ensures efficient air and temperature distribution
- > Air can be discharged in 5 different angles between 0 and 60°



- > Possibility to shut 1 or 2 flaps for easy installation in corners



- > Air flow distribution for ceiling heights up to 3.5m without capacity loss
- > No optional adapter needed for Dllll-connection, link your unit into the wider building management system.



Heating & Cooling



Indoor unit				FUQ71C	FUQ100C	FUQ125C	FUQ71C	FUQ100C	FUQ125C
Cooling capacity	Min./Nom./Max.		kW	-/6.8/-	-/9.5/-	-/12.0/-	-/6.8/-	-/9.5/-	-/12.0/-
Heating capacity	Min./Nom./Max.		kW	-/7.5/-	-/10.8/-	-/13.5/-	-/7.5/-	-/10.8/-	-/13.5/-
Power input	Cooling	Nom.	kW	1.68	2.46	3.54	1.68	2.46	3.54
	Heating	Nom.	kW	1.84	2.73	3.95	1.84	2.73	3.95
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		6.50	6.11	5.61	6.50	6.11	5.61
	Annual energy consumption		kWh	366	544	748	366	544	748
	Heating (Average climate)	Energy label		A+					
		Pdesign	kW	7.60	11.30	14.13	7.60	11.30	14.13
SCOP			4.20	4.50	4.44	4.20	4.50	4.44	
Annual energy consumption		kWh	2,533	3,515	4,456	2,533	3,515	4,456	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		4.05	3.86	3.39	4.05	3.86	3.39	
	COP		4.08	3.95	3.42	4.08	3.95	3.42	
	Annual energy consumption	kWh	840	1,230	1,770	840	1,230	1,770	
Energy label		Cooling/Heating	A/A		A/B		A/A		A/B
Casing	Colour		Fresh White						
Dimensions	Unit	HeightxWidthxDepth	mm	198x950x950					
Weight	Unit		kg	25	26		25	26	
Fan - Air flow rate	Cooling	High/Nom./Low	m³/min	23/19.5/16	31/25.5/20	32.5/26.5/20.5	23/19.5/16	31/25.5/20	32.5/26.5/20.5
	Heating	High/Nom./Low	m³/min	23/19.5/16	31/25.5/20	32.5/26.5/20.5	23/19.5/16	31/25.5/20	32.5/26.5/20.5
Sound power level	Cooling	High/Nom./Low	dBA	59/56/51	64/60/55	65/61/56	59/56/51	64/60/55	65/61/56
	Heating	High/Nom./Low	dBA	59/56/51	64/60/55	65/61/56	59/56/51	64/60/55	65/61/56
Sound pressure level	Cooling	High/Nom./Low	dBA	41/38/35	46/42/39	47/43/40	41/38/35	46/42/39	47/43/40
	Heating	High/Nom./Low	dBA	41/38/35	46/42/39	47/43/40	41/38/35	46/42/39	47/43/40
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	RZQG125L8V1	RZQG71L8Y1	RZQG100L8Y1	RZQG125L8Y1
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	67	64	66	67
Sound pressure level	Cooling	Nom.	dBA	48	50	51	48	50	51
	Heating	Nom.	dBA	50	52	53	50	52	53
Operation range	Night quiet mode	Level 1	dBA	43	45		43	45	
	Cooling	Ambient	Min.-Max. °CDB	-15~-50					
Refrigerant	Heating	Ambient	Min.-Max. °CWB	-20~-15.5					
	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					
Power supply	IU - IU	Max. m	0.5						
	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