



FHQ100-140C



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

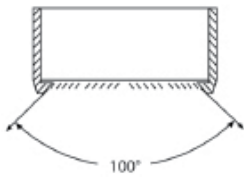


BRC1E51A/B BRC7GA53



SEASONAL EFFICIENCY  
Smart use of energy

- › Ideal solution for commercial spaces with no or narrow false ceilings
- › The unit can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- › Low energy consumption thanks to DC fan motor and drain pump
- › Stylish unit blends easily with any interior, as the flaps close entirely when not in operation
- › Can be installed in both new and existing buildings
- › Wider air discharge thanks to Coanda effect: up to 100°



- › Air flow distribution for ceiling heights up to 3.8m without capacity loss
- › No optional adapter needed for DIII-connection, link your unit into the wider building management system.

## Heating & Cooling



INDOOR UNIT			FHQ71C	FHQ100C	FHQ125C	FHQ140C	FHQ71C	FHQ100C	FHQ125C	FHQ140C	
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++		A+	-	
		Pdesign	6.80	9.50	12.00	-	6.80	9.50	12.00	-	
		SEER	6.95	6.11	6.01	-	6.95	6.11	6.01	-	
	Heating (Average climate)	Annual energy consumption	kWh	342	544	698	-	342	544	698	-
		Energy label		A+		A++	-	A+		A++	-
		Pdesign	kW	7.60	11.30	14.13	-	7.60	11.30	14.13	-
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		3.82	4.13	3.52	3.31	3.82	4.13	3.52	3.31	
		COP	4.13	4.42	3.89	3.63	4.13	4.42	3.89	3.63	
	Annual energy consumption	kWh	890	1,245	1,790	2,025	890	1,245	1,790	2,025	
Energy label	Cooling/Heating		A/A		-	-	A/A		-	-	
	Colour		Fresh White								
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690	235x1,590x690			235x1,270x690	235x1,590x690		
Weight	Unit		kg	32	38			32	38		
Fan - Air flow rate	Cooling	High/Nom./Low	m <sup>3</sup> /min	20.5/17/14	28/24/20	31/27/23	34/29/24	20.5/17/14	28/24/20	31/27/23	34/29/24
	Heating	High/Nom./Low	m <sup>3</sup> /min	20.5/17/14	28/24/20	31/27/23	34/29/24	20.5/17/14	28/24/20	31/27/23	34/29/24
Sound power level	Cooling	High/Nom./Low	dB(A)	55/53/51	60/56/52	62/59/55	64/60/56	55/53/51	60/56/52	62/59/55	64/60/56
	Heating	High/Nom./Low	dB(A)	55/53/51	60/56/52	62/59/55	64/60/56	55/53/51	60/56/52	62/59/55	64/60/56
Sound pressure level	Cooling	High/Nom./Low	dB(A)	38/36/34	42/38/34	44/41/37	46/42/38	38/36/34	42/38/34	44/41/37	46/42/38
	Heating	High/Nom./Low	dB(A)	38/36/34	42/38/34	44/41/37	46/42/38	38/36/34	42/38/34	44/41/37	46/42/38
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	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.	m <sup>3</sup> /min	59	70		84	59	70		84
	Heating	Nom.	m <sup>3</sup> /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	-15~50							
	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							
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415				
			Maximum fuse amps (MFA)	A	20	32		16	20		

(1) EER/COP according to Eurovent 2012