



## Heating & Cooling

Seasonal Classic

INDOOR UNIT			FHQ71C	FHQ100C	FHQ125C	FHQ140C	FHQ100C	FHQ125C	FHQ140C		
Cooling capacity	Min./Nom./Max.	kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/9.5/-	-/12.0/-	-/13.4/-		
Heating capacity	Min./Nom./Max.	kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/10.8/-	-/13.5/-	-/15.5/-		
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A+								
		Pdesign	6.80	9.50	12.00	-	9.50	12.00	-		
		SEER	5.61								
		Annual energy consumption	kWh	424	592	748	-	592	748	-	
	Heating (Average climate)	Energy label	A								
		Pdesign	7.60								
		SCOP	3.90	3.91	4.01	-	3.91	4.01	-		
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER	3.46		3.21	2.89	3.01	3.21	2.89	3.01		
	COP	4.00		3.61	3.62	3.41	3.61	3.62	3.41		
	Annual energy consumption	kWh		983	1,480	2,075	2,225	1,480	2,075	2,225	
	Energy label	Cooling/Heating		A/A		C/A		A/A		C/A	
Casing	Colour	Fresh White									
Dimensions	Unit	HeightxWidthxDepth	mm		235x1,270x690						
Weight	Unit	kg	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	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	28/24/20	31/27/23	34/29/24
Sound power level	Cooling	High/Nom./Low	dBA		55/53/51	60/56/52	62/59/55	64/60/56	60/56/52	62/59/55	64/60/56
	Heating	High/Nom./Low	dBA		55/53/51	60/56/52	62/59/55	64/60/56	60/56/52	62/59/55	64/60/56
Sound pressure level	Cooling	High/Nom./Low	dBA		38/36/34	42/38/34	44/41/37	46/42/38	42/38/34	44/41/37	46/42/38
	Heating	High/Nom./Low	dBA		38/36/34	42/38/34	44/41/37	46/42/38	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				RZQSG71L3V1	RZQSG100L8V1	RZQSG125L8V1	RZQSG140LV1	RZQSG100L8Y1	RZQSG125L8Y1	RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit	kg	67	81	102	82	101			
Fan - Air flow rate	Cooling	Nom.	m <sup>3</sup> /min	52	76	77	83	76	77	83
	Heating	Nom.	m <sup>3</sup> /min	48	83		62	83	62	62
Sound power level	Cooling	Nom.	dBA	65	69	70	69	70	69	69
Sound pressure level	Cooling	Nom./Silent operation	dBA	49/47	53/49	54/49	53/49	53/-	54/-	53/-
	Heating	Nom.	dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1	dBA	49						
Operation range	Cooling	Ambient	Min.~Max. °CDB	-5.0~46		-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					
		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		20				

(1) EER/COP according to Eurovent 2012