



Heating & Cooling

Seasonal Classic

INDOOR UNIT			FCQG71F	FCQG100F	FCQG125F	FCQG140F	FCQG100F	FCQG125F	FCQG140F	
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++			A	-	A++	A	
		Pdesign	kW	6.80	9.50	12.00	-	9.50	12.00	-
		SEER	6.10	6.50	5.30	-	6.50	5.30	-	
	Heating (Average climate)	Annual energy consumption	kWh	390	511	792	-	511	792	-
		Energy label	A+			-	-	A+	-	
		Pdesign	kW	6.33	7.60	8.03	-	7.60	8.03	-
		SCOP	4.10	4.01	-	4.10	4.01	-		
Annual energy consumption	kWh	2,162	2,595	2,803	-	2,595	2,803	-		
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER	3.21	3.30	3.21	3.01	3.30	3.21	3.01		
	COP	3.61	3.54	3.41	3.41	3.54	3.41	3.41		
	Annual energy consumption	kWh	971	1,440	1,870	2,225	1,440	1,870	2,225	
	Energy label	Cooling/Heating	A/A	A/B		-/-	A/B		-/-	
Casing	Colour									
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840246x840x840						
Weight	Unit	kg	21	24						
Decoration panel	Model	BYCQ140D7W1 / BYCQ140D7W1W / BYCQ140D7GW1								
	Colour	Pure White (RAL 9010) / Pure White (RAL 9010) / Pure White (RAL 9010)								
	Dimensions	HeightxWidthxDepth	mm	60x950x950 / 950x60x950 / 145x950x950						
	Weight	kg	5.4 / 5.4 / 10.3							
Fan - Air flow rate	Cooling	High/Nom./Low	m³/min	15.0/12.1/9.1	22.8/17.6/12.4	26.0/19.2/12.4		22.8/17.6/12.4	26.0/19.2/12.4	
	Heating	High/Nom./Low	m³/min	15.0/12.1/9.1	22.8/17.6/12.4	26.0/19.2/12.4		22.8/17.6/12.4	26.0/19.2/12.4	
Sound power level	Cooling	High	dBA	51	54	58		54	58	
	Heating	High	dBA	51	54	58		54	58	
Sound pressure level	Cooling	High/Nom./Low	dBA	33/31/28	37/33/29	41/35/29		37/33/29	41/35/29	
	Heating	High/Nom./Low	dBA	33/31/28	37/33/29	41/35/29		37/33/29	41/35/29	
Piping connections	Liquid	OD	mm	9.52						
	Gas	OD	mm	15.9						
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240						

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.		m³/min	52	76	77	83	76	77	83
	Heating	Nom.		m³/min	48	83		62	83		62
Sound power level	Cooling	Nom.		dBA	65	69	70	69		70	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 (2) The BYCQ140D7W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt. (3) BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel.