



# Round flow cassette

FCQG-F



Presence & floor sensor



Home leave operation



Auto-cleaning filter



Draught prevention



Individual flap control

360° air discharge for optimum efficiency and comfort

- › Daily automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. Dust can easily be removed with a vacuum cleaner without opening the unit.
- › Lowest installation height in the market: 204 mm for class 71

- › Two optional intelligent sensors improve energy efficiency and comfort. The presence sensor adjusts the set point if no one is detected in the room. It also automatically directs air flow away from any person to avoid draught. The infrared floor sensor detects the average floor temperature and ensures even temperature distribution between ceiling and floor to prevent cold feet.

# FCQG-F + RZQSG-L3/9V1/L(8)Y1 /RZQG-L9/L(8)Y1 / RXSL3/L



Indoor unit		FCQG	35F	50F	60F	71F	100F	125F	140F	
Dimensions	Unit	HeightxWidthxDepth	204x840x840				246x840x840			
Decoration panel	Colour		Pure White (RAL 9010)							
	Dimensions	HeightxWidthxDepth	50x950x950 (white with grey louvers, full white) / 130x950x950 (auto-cleaning panel)							
Sound power level	Cooling/Heating		49/49		51/51		54/54		58/58	
Sound pressure level	Cooling	High/Nom./Low	31/29/27		33/31/28		37/33/29		41/35/29	
	Heating	High/Nom./Low	31/29/27		33/31/28		37/33/29		41/35/29	
Control systems	Infrared remote control		BRC7FA532F							
	Wired remote control		BRC1D52 / BRC1E52A/B							

The BYCQ140D7WIW 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 BYCQ140D7WIW decoration panel in environments exposed to concentrations of dirt.

BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel.

Combination with split outdoor units is ideal for smaller applications such as retail or residential applications

Efficiency data		FCQG + RXS	35F + 35L3	50F + 50L	60F + 60L
Cooling capacity	Min./Nom./Max.	kW	1.3/3.4/4.0	1.7/5.0/5.3	1.7/5.7/5.7
Heating capacity	Min./Nom./Max.	kW	1.3/4.20/5.2	1.7/6.00/6.0	1.7/7.0/7.0
Power input	Cooling	Min./Nom./Max.	0.400/0.909/1.100	-/1.410/-	-/1.640/-
	Heating	Min./Nom./Max.	0.230/1.200/1.840	-/1.620/-	-/1.990/-
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A++		
		Pdesign	3.50	5.00	5.70
		SEER	6.35	6.48	6.22
	Heating (Average climate)	Annual energy consumption	193	270	321
		Energy label	A++		
		Pdesign	3.32	4.36	4.71
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		3.74	3.55	3.48
		COP	3.50	3.70	3.52
	Annual energy consumption		455	705	820
		Energy label	Cooling/Heating	A/B	A/A

Outdoor unit		RXS	35L3	50L	60L
Dimensions	Unit	HeightxWidthxDepth	550x765x285	735 (0.000x825x300)	
Sound power level	Cooling	dB(A)	61	62	
	Heating	dB(A)	61	62	
Sound pressure level	Cooling	High/Low	48/44	48/44	49/46
	Heating	High/Low	48/45	48/45	49/46
Operation range	Cooling	Ambient	Min.-Max.	-10~46	
	Heating	Ambient	Min.-Max.	-15~-18	
Refrigerant	Type/GWP		R-410A/2,087.5		
	Charge	kg/TCO <sub>2</sub> Eq	1.2/2.5	1.7/3.5	1.5/3.1
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240		1~/50/220-230-240

EER/COP according to Eurovent 2012, for use outside EU only (2) Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load. Contains fluorinated greenhouse gases.



Combination with Seasonal Smart outdoor units ensure high quality, optimal comfort, flexible installation and highest efficiency values.

Efficiency data			FCQG + RZQG	71F + 71L9V1	100F + 100L9V1	125F + 125L9V1	140F + 140L9V1	71F + 71L8Y1	100F + 100L8Y1	125F + 125L8Y1	140F + 140LY1		
Cooling capacity	Nom.		kW	6.8	9.5	12.0	13.4	6.8	9.5	12.0	13.4		
Heating capacity	Nom.		kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5		
Power input	Cooling	Nom.	kW	2.01	2.45	3.22	-	2.01	2.45	3.22	4.17		
	Heating	Nom.	kW	1.89	2.60	3.72	-	1.89	2.60	3.72	4.30		
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++		A+		A++		A+			
		Pdesign		kW	6.80	9.50	12.00	-	6.8	9.5	12	-	
		SEER			6.80		6.00		6.8		6		
	Annual energy consumption		kWh	350	489	700	-	350	489	700	-		
	Heating (Average climate)	Energy label		A+		A++		A+		A++		A+	
		Pdesign		kW	6.33	11.30	12.66	-	6.33	11.3	12.66	-	
SCOP			4.20		4.61		4.10		4.1		-		
Annual energy consumption		kWh	2,110	3,432	4,323	-	2,110	3,432	4,323	-			
Nominal efficiency	EER			3.39	3.87	3.73	3.21	3.39	3.87	3.73	3.21		
	COP			3.97	4.15	3.63	3.61	3.97	4.15	3.63	3.61		
	Annual energy consumption		kWh	1,005	1,225	1,610	2,085	1,005	1,225	1,610	2,085		
	Energy label		Cooling/Heating	A/A		-		A/A		-			

Outdoor unit			RZQG	71L9V1	100L9V1	125L9V1	140L9V1	71L8Y1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HeightxWidthxDepth	mm	990 x940x320	1,430 x940x320		990 x940x320		1,430 x940x320		
Sound power level	Cooling		dB(A)	64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.	dB(A)	48	50	51	52	48	50	51	52
	Heating	Nom.	dB(A)	50	52	53		50	52	53	
	Night quiet mode	Level1	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/2,087.5								
	Charge		kg/TCO <sub>2</sub> Eq	2.9/6.1	4.0/8.4		2.9/6.1		4.0/8.4		
Powersupply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240				3N~/50/380-415			

EER/COP according to Eurovent 2012, for use outside EU only (2) Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load  
Contains fluorinated greenhouse gases.



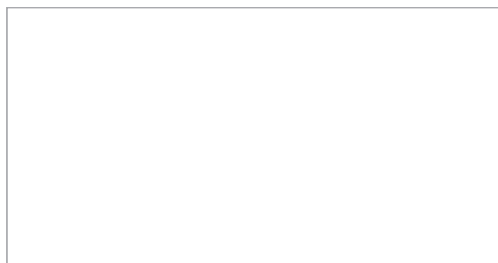
Combination with Seasonal Classic ensures good value for money for all types of commercial applications.

Efficiency data			FCQG + RZQSG	71F + 71L3V1	100F + 100L9V1	125F + 125L9V1	140F + 140L9V1	100F + 100L8Y1	125F + 125L8Y1	140F + 140LY1	
Cooling capacity	Nom.		kW	6.8	9.5	12.0	13.4	9.5	12.0	13.4	
Heating capacity	Nom.		kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5	
Power input	Cooling	Nom.	kW	2.12	2.88	3.74	4.45	2.88	3.74	4.45	
	Heating	Nom.	kW	2.08	3.05	3.96	4.54	3.05	3.96	4.54	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++		A		A++		A	
		Pdesign	kW	6.80	9.50	12.00	-	9.5	12	-	
		SEER		6.10	6.50	5.30	-	6.5	5.3	-	
		Annual energy consumption	kWh	390	512	793	-	512	793	-	
	Heating (Average climate)	Energy label		A+		-		A+		-	
		Pdesign	kW	6.33	7.60	8.03	-	7.6	8.03	-	
		SCOP		4.10		4.01	-	4.1	4.01	-	
		Annual energy consumption	kWh	2,162	2,596	2,804	-	2,596	2,804	-	
Nominal efficiency	EER		3.21	3.30	3.21	3.01	3.30	3.21	3.01		
	COP		3.61	3.54	3.41		3.54	3.41			
	Annual energy consumption	kWh	1,060	1,440	1,870	2,225	1,440	1,870	2,225		
	Energy label	Cooling/Heating	A/A		A/B		-		A/B		

Outdoor unit			RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HxWxD	mm	770 x900x320	990 x940x320		1,430 x940x320	990 x940x320		1,430 x940x320
Sound power level	Cooling		dBA	65	70		69	70	69	
	Sound pressure level	Cooling	Nom.	dBA	49/47	53	54	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		-15.0~46				
	Heating	Ambient	Min.-Max.	°CWB		-15~-15.5				
Refrigerant	Type/GWP	R-410A/2,087.5								
	Charge	kg/TCO <sub>2</sub> eq	2.75/5.7	2.9/6.1		4.0/8.4	2.9/6.1		4.0/8.4	
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3N~/50/380-415			

EER/COP according to Eurovent 2012, for use outside EU only (2) Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load. Contains fluorinated greenhouse gases.

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