

High COP, round flow cassette

FCQHG-F



Presence & floor sensor



Home leave operation



Auto-cleaning filter



Draught prevention



Individual flap control

360° air discharge for optimum efficiency and comfort

- › High COP cassette ensures top performance, great savings in energy consumption and a comfortable environment for commercial applications
- › 360° air discharge ensures uniform air flow and temperature distribution
- › Lowest installation height in the market: 204mm for class 71
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Modern style decoration panel is available in 3 different variations: white (RAL9010) with grey louvers, full white (RAL9010) or auto cleaning panel

- › Link your unit into wider building management control systems!
- › 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
- › 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.

FCQHG-F + RZQG-L9V1/L(8)Y1, RZQSG-L3/9V1/L(8)Y1



Indoor unit			FCQHG	71F	100F	125F	140F
Dimensions	Unit	HeightxWidthxDepth	mm	288x840x840			
Decoration panel	Model	BYCQ140D7W1 / BYCQ140D7W1W / BYCQ140D7GW1					
	Colour	Pure White (RAL 9010)					
	Dimensions	HeightxWidthxDepth	mm	50x950x950/ 50x950x950/ 130x950x950			
Sound power level	Cooling/Heating		dBA	53/53	61/61		
Sound pressure level	Cooling	High/Nom./Low	dBA	36/33/29	44/39/33	45/40/35	45/41/37
	Heating	High/Nom./Low	dBA	36/33/29	44/39/33	45/40/35	45/41/37
Control systems	Infrared remote control	BRC7FA532F					
	Wired remote control	BRC1D52 / BRC1E52A/B					



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



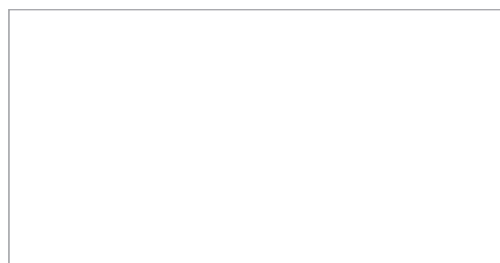
Combination with Seasonal Classic ensures good value for money for all types of commercial applications.

Efficiency data			FCQHG + RZQG/ RZQSG		71F + 71L8Y1	100F + 100L8Y1	125F + 125L8Y1	140F + 140L8Y1	71F + 71L9V1	100F + 100L9V1	125F + 125L9V1	140F + 140L9V1	71F + 71L3V1	100F + 100L9V1	125F + 125L9V1	140F + 140L9V1	100F + 100L8Y1	125F + 125L8Y1	140F + 140L8Y1
Cooling capacity	Nom.	kW	6.8	9.5	12.0	13.4	6.8	9.5	12.0	13.4	6.8	9.5	12.0	13.4	9.5	12.0	13.4	15.5	15.5
Heating capacity	Nom.	kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5	10.8	13.5	15.5	15.5	15.5
Power input	Cooling	Nom.	kW	1.66	2.15	3.00	4.00	1.66	2.15	3.00	4.00	1.94	2.57	3.71	4.17	2.57	3.71	4.17	4.17
	Heating	Nom.	kW	1.56	2.16	3.07	3.77	1.56	2.16	3.07	3.77	1.83	2.51	3.60	4.29	2.51	3.60	4.29	4.29
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++		-	-	A++		-	-	A++		A	-	A++	A	-	-
		Pdesign	kW	6.8	9.5	12	-	6.80	9.50	12.00	-	6.80	9.50	12.00	-	9.5	12	-	-
		SEER		7	-	6.61	-	7.00	-	6.61	-	6.50	6.70	5.40	-	6.7	5.4	-	-
		Annual energy consumption	kWh	340	475	636	-	340	475	636	-	366	497	778	-	497	778	-	-
	Heating (Average climate)	Energy label		A+	A++		-	A+	A++		-	A+		-	-	A+	-	-	-
		Pdesign	kW	7.6	11.3	12.66	-	7.60	11.30	12.66	-	7.60	8.03	-	-	8.03	-	-	-
		SCOP		4.54	4.8	4.63	-	4.54	4.80	4.63	-	4.15	4.30	4.10	-	4.3	4.1	-	-
		Annual energy consumption	kWh	2,344	3,296	3,829	-	2,344	3,296	3,829	-	2,563	2,615	2,742	-	2,615	2,742	-	-
Nominal efficiency	EER		4.09	4.42	4.00	3.35	4.09	4.42	4.00	3.35	3.50	3.70	3.23	3.21	3.70	3.23	3.21	3.21	3.21
	COP		4.80	4.99	4.40	4.12	4.80	4.99	4.40	4.12	4.10	4.30	3.75	3.61	4.30	3.75	3.61	3.61	3.61
	Annual energy consumption	kWh	830	1,075	1,500	2,000	830	1,075	1,500	2,000	970	1,285	1,855	2,085	1,285	1,855	2,085	2,085	2,085
	Energy label	Cooling/Heating		A/A		-/-	-	A/A		-/-	-	A/A		-/-	-	A/A		-/-	-

Outdoor unit			RZQG/ RZQSG	71L8Y1	100L8Y1	125L8Y1	140LY1	71L9V1	100L9V1	125L9V1	140L9V1	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320			770x900x320	990x940x320			1,430x940x320	990x940x320	1,430x940x320
Sound power level	Cooling		dBA	64	66	67	-	64	66	67	69	65	70		69		70	69
Sound pressure level	Cooling	Nom./Silent operation	dBA	48/-	50/-	51/-	30/-	48/-	50/-	51/-	52/-	49/47	53/-	54/-	-	53/-	54/-	53/-
	Heating	Nom.	dBA	50	52	51	-	50	52	53		51	57	58	54	57	58	54
	Night quiet mode	Level 1	dBA	43	45		-	43	45			-	49			-	-	-
Operation range	Cooling	Ambient	Min.~Max. °CDB	-15~50			-	-15~50			-	-15.0~46			-	-	-	-
	Heating	Ambient	Min.~Max. °CWB	-20~-15.5			-	-20~-15.5			-	-15~-15.5			-	-	-	-
Refrigerant	Type/GWP			R-410A/2,087.5			-	R-410A/2,087.5			-	R-410A/2,087.5			-	-	-	-
	Charge	kg/TCO _{Eq}		2.9/6.1	4.0/8.4		-	2.9/6.1	4.0/8.4		-	2.75/5.7	2.9/6.1	4.0/8.4	-	2.9/6.1	4.0/8.4	4.0/8.4
Power supply	Phase/Frequency/Voltage	Hz/V		3N~/50/380-415			-	1~/50/220-240			-	1~/50/220-240			-	3N~/50/380-415		

Contains fluorinated greenhouse gases (1) 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 (3) 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. (4) BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel.

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)



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