

# Round flow cassette

360° air discharge for optimum efficiency and comfort

Ideal solution for small businesses

Efficiency data		FCQG + AZQS		71F + 71BV1	100F + 100B8V1	125F + 125B8V1	140F + 140B8V1	100F + 100BY1	125F + 125BY1	140F + 140BY1	
Cooling capacity	Nom.	kW		6.8	9.5	12.1	13.0	9.5	12.1	13.0	
Heating capacity	Nom.	kW		7.5	10.8	13.5	15.5	10.8	13.5	15.5	
Power input	Cooling	Nom. kW		2.19	2.96	3.90	4.63	2.96	3.90	4.63	
	Heating	Nom. kW		2.08	3.09	3.96	4.70	3.09	3.96	4.70	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		A+	A	-	-	A	-	-	
		Pdesign kW		6.80	9.50	-	-	9.50	-	-	
		SEER		5.70	5.50	-	-	5.50	-	-	
	Annual energy consumption kWh		418		605	-	-	605	-	-	
	Heating (Average climate)	Energy efficiency class		A+	A	-	-	A	-	-	
		Pdesign kW		6.33	7.60	-	-	7.60	-	-	
		SCOP/A		4.00	3.85	-	-	3.85	-	-	
Annual energy consumption kWh		2,216		2,762	-	-	2,764	-			
Nominal efficiency	EER		3.11	3.21	3.10	2.81	3.21	3.10	2.81		
	COP		3.61	3.50	3.41	3.30	3.50	3.41	3.30		
	Annual energy consumption kWh		1,0w93 (1)		1,480 (1)	1,952 (1)	2,313 (1)	1,480 (1)	1,952 (1)	2,313 (1)	
	Energy labeling Directive Cooling/Heating		B/A		A/B	B/B	C/C	A/B	B/B	-/-	
Indoor unit		FCQG		71F	100F	125F	140F	100F	125F	140F	
Dimensions	Unit	HeightxWidthxDepth mm		204x840x840		246x840x840					
Weight	Unit	kg		21		24					
Decoration panel	Model		BYCQ140DGF - auto cleaning panel with fine mesh filter / BYCQ140DG - auto cleaning panel / BYCQ140DW - full white / BYCQ140D - white with grey louvers								
	Colour		Pure White (RAL 9010)								
	Dimensions	Unit	HeightxWidthxDepth mm		130x950x950 / 130x950x950 / 50x950x950 / 50x950x950						
Air filter	Type		Resin net with mold resistance								
	Weight	Unit	kg		10.3 / 10.3 / 5.4 / 5.4						
Fan - Air flow rate	Cooling	High/Low	m <sup>3</sup> /min	15.0/9.1	22.8/12.4	26.0/12.4		22.8/12.4	26.0/12.4		
	Heating	High/Low	m <sup>3</sup> /min	15.0/9.1	22.8/12.4	26.0/12.4		22.8/12.4	26.0/12.4		
Sound power level	Cooling		dBA	51	54	58		54	58		
	Heating		dBA	51	54	58		54	58		
Sound pressure level	Cooling	High/Low	dBA	33/28	37/29	41/29		37/29	41/29		
	Heating	High/Low	dBA	33/28	37/29	41/29		37/29	41/29		
Control systems	Infrared remote control		BRC7FA532F								
	Wired remote control		BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C								
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240							
Outdoor unit		AZQS		71BV1	100B8V1	125B8V1	140B8V1	100BY1	125BY1	140BY1	
Dimensions	Unit	HeightxWidthxDepth mm		770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320	
Weight	Unit	kg		67	72.8	74.3	94.9	82	101		
Sound power level	Cooling	dBA		64	70	71	70		71	70	
Sound pressure level	Cooling	Nom. dBA		48	53	54	53		54	53	
	Heating	Nom. dBA		50	57	58	54	57	58	54	
Operation range	Night quiet mode Level 1		dBA	43		49					
	Cooling	Ambient	Min.-Max. °CDB				-5~-46				
Refrigerant	Heating		Ambient	Min.-Max. °CWB	-15~-15.5						
	Type		R-410A								
Piping connections	Charge		kg	2.75	2.9	4.0	2.9		4.0		
	GWP		TCO <sub>2</sub> eq	5.7	6.1	8.4	6.1		8.4		
Piping connections	Liquid		OD mm	9.52							
	Gas		OD mm	15.9							
	Piping length	OU - IU		Max. m	30				30		
		System		Equivalent Chargeless m	40						
	Additional refrigerant charge		kg/m	30							
	Level difference IU - OU		Max. m	See installation manual							
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415			
Current - 50Hz	Maximum fuse amps (MFA)		A	-							

(1) BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7WIW: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel. (2) EER/COP according to Eurovent 2012, for use outside EU only (3) 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.