

Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Unified indoor unit range for R-32 and R-410A
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort.
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Lowest installation height in the market: 214mm for class 20-63
- › Modern style decoration panel is available in 3 different variations: white (RAL9010) with grey louvers, full white (RAL9010) or auto cleaning panel



Efficiency data				FCAG + AZQS	71A + 71BV1	100A + 100B8V1	125A + 125B8V1	140A + 140B8V1	100A + 100BY1	125A + 125BY1	140A + 140BY1	
Cooling capacity	Nom.			kW	6.80	9.5	12.1	13.0	9.5	12.1	13.0	
Heating capacity	Nom.			kW	7.50	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
COP				3.61	3.50	3.41	3.30	3.50	3.41	3.30		
Annual energy consumption			kWh	1,093	1,480	1,952	2,313	1,480	1,952	2,313		
Energy labeling Directive	Cooling/Heating			B / A	A/B	B/B	C/C	A/B	B/B	-/-		
Indoor unit				FCAG	71A	100A	125A	140A	100A	125A	140A	
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840		246x840x840					
Weight	Unit			kg	21	24						
Air filter	Type				Resin net							
Decoration panel	Model				BYCQ140DGF9 - auto cleaning panel with fine mesh filter / BYCQ140DG9 - auto cleaning panel / BYCQ140DW - full white / BYCQ140D - white with grey louvers							
	Colour				Pure White (RAL 9010)							
	Dimensions	HeightxWidthxDepth	mm	130x950x950 / 130x950x950 / 50x950x950 / 50x950x950								
	Weight			kg	10.3 / 10.3 / 5.4 / 5.4							
	Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	9.3/12.5/15.3	12.4/17.6/22.8	12.4/19.2/26.0		12.4/17.6/22.8		12.4/19.2/26.0
Sound power level	Cooling	Heating	Low/Medium/High	m³/min	9.1/12.1/15.0	12.4/17.6/22.8	12.4/19.2/26.0		12.4/17.6/22.8		12.4/19.2/26.0	
	Heating			dBA	51	54	58		54		58	
Sound pressure level	Cooling	Low/High		dBA	51	54	58		54		58	
	Heating	Low/High		dBA	28/35	29/37	29/41		29/37		29/41	
Control systems	Infrared remote control				28/33	29/37	29/41		29/37		29/41	
	Wired remote control				BRC7FA532F							
Power supply	Phase/Frequency/Voltage			Hz/V	BRC1H51 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52							
					1~/50/60/220-240/220							
Outdoor unit				AZQS/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		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/GWP				R-410A/2,087.5							
Piping connections	Charge			kg/TCO2Eq	2.75/5.7	2.9/6.1		4.0/8.4	2.9/6.1		4.0/8.4	
	Liquid/Gas			mm	9.52/15.9							
	Piping length	OU - IU	Max.	m	50							
		System	Equivalent	m	70							
			Chargeless	m	30							
Power supply	Additional refrigerant charge			kg/m	See installation manual							
	Level difference	IU - OU	Max.	m	30.0							
Current - 50Hz	Phase/Frequency/Voltage			Hz/V	1~/50/220-240				3N~/50/380-415			
	Maximum fuse amps (MFA)			A	20	32		16		20		

EER/COP according to Eurovent 1212, for use outside EU only | 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. | BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel.