

Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with Seasonal Classic ensures good value for money for all types of commercial applications
- › 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 + RZQSG	71A + 71L3V1	100A + 100L9V1	125A + 125L9V1	140A + 140L9V1	100A + 100L8Y1	125A + 125L8Y1	140A + 140LY1	
Cooling capacity	Nom.	kW	6.80	9.50	12.0	13.4	9.50	12.0	13.4	
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5	
Power input	Cooling	Nom.	2.12	2.88	3.74	4.45	2.88	3.74	4.45	
	Heating	Nom.	2.08	3.05	3.96	4.54	3.05	3.96	4.54	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class	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	-
		Annual energy consumption	kWh	391	512	793	-	512	793	-
	Heating (Average climate)	Energy efficiency class	A+		-	-	A+	-	-	
		Pdesign	kW	6.33	7.60	8.03	-	7.60	8.03	-
SCOP/A			4.10		4.01	-	4.10	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	-	1,440	1,870	2,225	
	Energy labeling Directive	Cooling/Heating	A/A	A/B		-/-	A/A	A/B	-/-	
Indoor unit		FCAG	71A	100A	125A	140A	100A	125A	140A	
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		246x840x840		246x840x840		
Weight	Unit		kg	21		24		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	
		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	
Sound power level	Cooling			dBA	51	54	58	54	58	
	Heating			dBA	51	54	58	54	58	
Sound pressure level	Cooling	Low/High		dBA	28/35	29/37	29/41	29/37	29/41	
	Heating	Low/High		dBA	28/33	29/37	29/41	29/37	29/41	
Control systems	Infrared remote control		BRC7FA532F							
	Wired remote control		BRC1H51 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220						
Outdoor unit		RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1	
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320		990x940x320		1,430x940x320		
Weight	Unit		kg	67	72	74	95	82	101	
Sound power level	Cooling			dBA	65	70		70	69	
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/-	54/-	53/-	54/-	
	Heating	Nom.		dBA	51	57	58	57	54	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46		-15~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5					
Refrigerant	Type/GWP			R-410A/2,087.5						
	Charge	kg/CO2Eq		2.75/5.7	2.9/6.1		4.0/8.4	2.9/6.1	4.0/8.4	
Piping connections	Liquid/Gas			mm						
	Piping length	OU - IU	Max.	m						
		System	Equivalent	m						
			Chargeless	m						
		Additional refrigerant charge	kg/m	See installation manual						
Power supply	Phase/Frequency/Voltage		Hz/V	15	1~/50/220-240		30.0		3N~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)		A	20	32		-	16	20	

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. | MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.