



Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with Sky Air Advance-series ensures good value for money for all types of commercial applications
- › 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
- NEW** › Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- NEW** › Bigger flaps improve equal air distribution
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed



Efficiency data		FCAG + RZASG	71B + 71MV1	100B + 100MV1	125B + 125MV1	140B + 140MV1	100B + 100MY1	125B + 125MY1	140B + 140MY1	
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5	
Space cooling	Energy efficiency class		A++			-	A++			
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4
	SEER			6.47	6.55	5.76	6.53	6.55	5.76	6.53
	ηs,c		%	-	-	227	258	-	227	258
Space heating (Average climate)	Annual energy consumption		kWh/a	368	507	1,261	1,231	507	1,261	1,231
	Energy efficiency class			A			A+			
	Capacity	Pdesign	kW	4.50	6.00		7.80	6.00		7.80
	SCOP/A			4.00	4.17	4.05	4.31	4.17	4.05	4.31
Indoor unit	ηs,h		%	-	-	159	169	-	159	169
	Annual energy consumption		kWh/a	1,575	2,016	2,074	2,534	2,016	2,074	2,534
	Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840	246x840x840				
Weight	Unit		kg	21	24					
Air filter	Type			Resin net						
Decoration panel	Model			Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels (F = fine mesh): BYCQ140EG(F) - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black						
	Dimensions	HeightxWidthxDepth	mm	Standard panels: 50x950x950 / Auto cleaning panels: 130x950x950 / Designer panels: 50x950x950						
	Weight		kg	Standard panels: 5.4 / Auto cleaning panels: 10.3 / Designer panels: 5.4						
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /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	m ³ /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 / BRC7FA532FB						
	Wired remote control			BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage			Hz/V 1~/50/60/220-240/220						
Outdoor unit	Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320				
	Weight	Unit		kg	60	70	78	70	77	
Sound power level	Cooling			dBA	65	70	71	70	73	
	Heating			dBA	-	-	71	-	71	
Sound pressure level	Cooling	Nom.		dBA	46	53	54	53	54	
	Heating	Nom.		dBA	47	-	-	57	-	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~46					
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5					
Refrigerant	Type/GWP			R-32/675						
	Charge		kg/CO ₂ Eq	2.45/1.65	2.60/1.76	2.90/1.96	2.60/1.76	2.90/1.96		
Piping connections	Liquid/Gas	OD		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			1~/50/220-240				3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32	16				

(1) 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.