

Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with split outdoor units is ideal for small retail, offices or residential applications
- › Ideal solution for small businesses and shops
- › 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
- › Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › 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

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Efficiency data				FCAG + RXM	35B + 35N9	50B + 50N9	60B + 60N9
Cooling capacity	Nom.		kW	3.50	5.00	5.70	
Heating capacity	Nom.		kW	4.20	6.00	7.00	
Power input	Cooling	Nom.	kW	0.94	1.39	1.72	
	Heating	Nom.	kW	1.11	1.62	2.07	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		
		Pdesign	kW	3.50	5.00	5.70	
		SEER		6.35	6.54	6.40	
	Heating (Average climate)	Annual energy consumption		kWh	193	266	312
		Energy efficiency class			A++	A+	
		Pdesign	kW	3.32	4.36	4.71	
		SCOP/A		4.90	4.30	4.20	
Annual energy consumption		kWh	948	1,419	1,569		
Indoor unit				FCAG	35B	50B	60B
Dimensions	Unit	HeightxWidthxDepth		mm		204x840x840	
Weight	Unit			kg	18	19	
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	m³/min	8.7/10.6/12.5	8.7/10.7/12.6	8.7/11.2/13.6
		Heating	Low/Medium/High	m³/min	9.3/11.6/13.9	8.7/10.7/12.6	8.7/11.2/13.6
Sound power level	Cooling			dBA	49		51
	Heating			dBA	49		51
Sound pressure level	Cooling	Low/High		dBA	27/31		28/33
	Heating	Low/High		dBA	27/31		28/33
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				RXM	35N9	50N9	60N9
Dimensions	Unit	HeightxWidthxDepth		mm		-	
Weight	Unit			kg		-	
Sound power level	Cooling			dBA	61	62.0	63.0
	Heating			dBA	61	62.0	63.0
Sound pressure level	Cooling	Nom.		dBA	49		48.0
	Heating	Nom.		dBA		49	
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~50	
	Heating	Ambient	Min.~Max.	°CWB		-20~24	
Refrigerant	Type					R-32	
	GWP					675.0	
Piping connections	Charge			kg/TCO2Eq		-	
	Liquid	OD		mm		-	
	Gas	OD		mm		-	
	Piping length	OU - IU	Max.	m		-	
	System	Chargeless		m		-	
	Additional refrigerant charge			kg/m		-	
Power supply	Level difference	IU - OU	Max.	m		-	
	Phase/Frequency/Voltage			Hz/V		1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A		-	

(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.

*Note: blue cells contain preliminary data