



Round flow cassette

360° air discharge for optimum efficiency and comfort

- Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs
- 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
- Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- Bigger flaps and unique swing pattern improve equal air distribution
- UV streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust, odours, allergens, etc ensuring a healthy and hygienic indoor environment
- 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



- Floor and presence sensor
- Home leave operation
- Auto cleaning filter
- Draft prevention
- Individual flap control



FCAG-B



RZAG-B



RZAG-NV1



RZAG-NY1

Efficiency data		FCAG + RZAG																								
		35B + 35B		50B + 50B		60B + 60B		71B + 71NV1		100B + 100NV1		125B + 125NV1		140B + 140NV1		71B + 71NY1		100B + 100NY1		125B + 125NY1		140B + 140NY1				
Cooling capacity	Nom.	kW																								
Heating capacity	Nom./Max.	kW																								
Space cooling	Energy efficiency class	A++ (A+++ -> D)																								
	Capacity	3.50		5.00		6.00		6.80		9.50		12.1		13.4		6.80		9.50		12.1		13.4				
	SEER	7.30		6.80		6.60		6.83		7.14		7.15		6.80		6.83		7.14		7.15		6.80				
	ηs,c	%																								
	Annual energy consumption	kWh/a	168		257		318		348		466		1,016		1,182		348		466		1,016		1,182			
Space heating (Average climate)	Energy efficiency class	A+ (A+++ -> D)																								
	Capacity	3.30		4.30		4.60		4.70		7.80		9.52		4.70		7.80		9.52		4.34		4.34				
	SCOP/A	4.30		4.25		4.22		4.53		4.53		4.34		4.22		4.53		4.34		4.34		4.34				
	ηs,h	%																								
	Annual energy consumption	kWh/a	1,074		1,398		1,515		1,560		2,413		3,071		1,560		2,413		3,071		3,071		3,071			
Indoor unit		FCAG		35B		50B		60B		71B		100B		125B		140B		71B		100B		125B		140B		
Dimensions	Unit	HeightxWidthxD		mm																						
Weight	Unit	kg		18		19		21		23		21		23		21		23		21		23		23		
Air filter	Type	Resin net																								
Decoration panel	Model	Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black																								
	Dimensions	HeightxWidthxD		mm																						
	Weight	kg																								
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min																						
	Heating	Low/Medium/High	m³/min																							
Sound power level	Cooling	dBA		49.0		51.0		54.0		58.0		51.0		54.0		58.0		51.0		54.0		58.0				
	Heating	dBA		49.0		51.0		54.0		58.0		51.0		54.0		58.0		51.0		54.0		58.0				
Sound pressure level	Cooling	Low/High	dBA		27.0/31.0		28.0/33.0		28.0/35.0		29.0/37.0		29.0/41.0		28.0/35.0		29.0/37.0		29.0/41.0		29.0/41.0					
	Heating	Low/High	dBA		27.0/31.0		28.0/33.0		29.0/37.0		29.0/41.0		29.0/41.0		28.0/33.0		29.0/37.0		29.0/41.0		29.0/41.0					
Control systems	Infrared remote control	BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB																								
	Wired remote control	BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52																								
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/60/220-240/220																						
Piping connections	Drain	VP25 (O.D. 32 / I.D. 25)																								
Outdoor unit		RZAG		35B		50B		60B		71NV1		100NV1		125NV1		140NV1		71NY1		100NY1		125NY1		140NY1		
Dimensions	Unit	HeightxWidthxD		mm																						
Weight	Unit	kg		52		63.0		64.0		81		85		95		81		85		94		69		70		
Sound power level	Cooling	dBA		62.0		63.0		64.0		64		66		69		70		64		66		69		70		
	Heating	dBA		62.0		63.0		64.0		-		-		68		71		-		-		68		71		
Sound pressure level	Cooling	Nom.	dBA		48.0		49.0		50.0		46		47		49		50		46		47		49		50	
	Heating	Nom.	dBA		48.0		49.0		50.0		48		50		52		48		50		52		48		50	
Operation range	Cooling	Ambient	Min.~Max.	°CDB																						
	Heating	Ambient	Min.~Max.	°CWB																						
Refrigerant	Type/GWP	R-32/675.0																								
	Charge	kg/TCO2Eq		1.55/1.05		3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50										
Piping connections	Liquid/Gas OD	mm		6.35/9.52		6.35/12.7		9.52/15.9																		
	Piping length	OU - IU	Max.	m		50		75		85		100		75		100										
	System	Equivalent	m		-		-		-		-		-		-											
	Chargeless	m		30		40		30																		
	Level difference IU - OU	Max.	m		30.0		30																			
Additional refrigerant charge	kg/m		0.02 (for piping length exceeding 30m)																							
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240																						
Current - 50Hz	Maximum fuse amps (MFA)	A		-		20		32		-		-		16												

Contains fluorinated greenhouse gases

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- Combination with split outdoor units is ideal for small retail, offices or residential applications
- Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs.
- Two optional intelligent sensors improve energy efficiency and comfort
- Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- Bigger flaps and unique swing pattern improve equal air distribution
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- UV streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust, odours, allergens, etc ensuring a healthy and hygienic indoor environment
- Optional fresh air intake
- Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
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Efficiency data		FCAG + RXM		35B + 35A9	50B + 50A8	60B + 60A
Cooling capacity	Nom.	kW		3.50	5.00	5.70
Heating capacity	Nom.	kW		4.20	6.00	7.00
Space cooling	Energy efficiency class		A++ (A+++ > D)		A++ (A+++ > D)	
	Capacity	Pdesign	kW		3.50	5.00
	SEER				6.51	6.46
	Annual energy consumption		kWh/a		188	271
Space heating (Average climate)	Energy efficiency class		A++ (A+++ > D)		A+ (A+++ > D)	
	Capacity	Pdesign	kW		3.32	4.36
	SCOP/A				4.98	4.26
	Annual energy consumption		kWh/a		933	1,433
Indoor unit		FCAG		35B	50B	60B
Dimensions	Unit	HeightxWidthxDepth		mm		
Weight	Unit			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: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black				
	Dimensions	HeightxWidthxDepth		mm		
	Weight			kg		
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min		8.8/10.6/12.9
		Heating	Low/Medium/High	m ³ /min		9.4/11.6/14.1
Sound power level	Cooling			dBA		49.0
	Heating			dBA		49.0
Sound pressure level	Cooling	Low/Medium/High			dBA	
	Heating	Low/Medium/High			dBA	
Control systems	Infrared remote control		BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB			
	Wired remote control		BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			
Power supply	Phase/Frequency/Voltage		Hz/V			
1~/50/60/220-240/220						

Outdoor unit		RXM		NEW 35A9	NEW 50A8	NEW 60A
Dimensions	Unit	HeightxWidthxDepth		mm		
Weight	Unit			36	40	49.0
Sound pressure level	Cooling	Nom.		dBA		47.0
	Heating	Nom.		dBA		48.0
Operation range	Cooling	Ambient	Min.~Max.	°CDB		
	Heating	Ambient	Min.~Max.	°CWB		
Refrigerant	Type	R-32				
	GWP			675		675.0
Piping connections	Charge			kg/TCO2Eq		0.95/0.65
	Liquid	OD			mm	
	Gas	OD			mm	
Piping length	OU - IU	Max.		m		
	System	Chargeless		m		
Additional refrigerant charge			kg/m			
	Level difference IU - OU	Max.		m		
Power supply	Phase/Frequency/Voltage		Hz/V			
Current - 50Hz	Maximum fuse amps (MFA)		A			
				13	1~/50/220-240	16

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