



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. 2 filters available: standard filter and finer mesh filter
- › 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
- › 5 different fan speeds available for maximum comfort
- › 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 + RZAG	35B + 35A	50B + 50A	60B + 60A	71B + 71NV1	100B + 100NV1	125B + 125NV1	140B + 140NV1	71B + 71NY1	100B + 100NY1	125B + 125NY1	140B + 140NY1	
Cooling capacity	Min./Nom./Max.	kW	1.6/3.5/4.5	1.7/5.0/6.0	1.7/6.0/6.5	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-	
Heating capacity	Min./Nom./Max.	kW	1.40/4.00/5.00	1.50/5.80/6.00	1.60/7.00/7.50	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-	
Space cooling	Energy efficiency class				A++					A++				
	Capacity	Pdesign	kW	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	%						283	269			283	269	
	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+				
	Capacity	Pdesign	kW	3.30	4.30	4.60	4.70	7.80	9.52	4.70	7.80	9.52		
	SCOP/A			4.30	4.25	4.22	4.53		4.34	4.22	4.53	4.34		
	ηs,h	%							171			171		
	Annual energy consumption	kWh/a	1,074	1,398	1,515	1,560	2,413	3,071		1,560	2,413	3,071		
Indoor unit		FCAG	35B	50B	60B	71B	100B	125B	140B					
Dimensions	Unit	HeightxWidthxDepth	mm		204x840x840				246x840x840					
Weight	Unit		kg		18		19		21		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	HeightxWidthxDepth	mm											
	Weight		kg											
Fan	Air flow rate	Cooling	m³/min		8.8/10.6/12.9		9.4/11.8/14.6		9.6/12.2/14.9		10.8/13.0/15.1		13.0/17.8/22.7	
		Heating	m³/min		9.4/11.6/14.1		9.4/11.8/14.6		9.6/12.2/14.9		10.8/12.9/15.1		13.0/18.1/23.0	
Sound power level	Cooling	dBA	49.0		51.0		54.0		58.0					
	Heating	dBA	49.0		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	
	Heating	Low/High	dBA		27.0/31.0		28.0/33.0		29.0/37.0		29.0/41.0			
Control systems	Infrared remote control		BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB											
	Wired remote control		BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52											
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220											
Outdoor unit		RZAG	35A	50A	60A	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1	
Dimensions	Unit	HeightxWidthxDepth	mm				734x870x373							
Weight	Unit		kg				52							
Sound power level	Cooling	dBA	62.0		63.0		64.0		66		69		70	
	Heating	dBA	62.0		63.0		64.0		66		69		70	
Sound pressure level	Cooling	Nom.	dBA		48.0		49.0		50.0		46		47	
	Heating	Nom.	dBA		48.0		49.0		50.0		48		49	
Operation range	Cooling	Ambient	Min.~Max.		°CDB		-20~52		-20~52		-20~18			
	Heating	Ambient	Min.~Max.		°CWB		-20~24		-20~18					
Refrigerant	Type/GWP		R-32/675.0											
Piping connections	Charge	kg/CO2Eq	1.55/1.05		3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50			
	Liquid/Gas	OD	mm		64/9.50		64/12.7		95/15.9		95/15.9			
	Piping length	OU - IU	Max.		m		55		85		55		85	
		System	Equivalent		m		75		100		75		100	
	Chargeless	m		-		-		40		-		-		
	Additional refrigerant charge	kg/m	0.02 (for piping length exceeding 30m)											
	Level difference	IU - OU	Max.		m		30.0		-		-		-	
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)	A	16		20		32		16					