



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++												
	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		%	-												
Space heating (Average climate)	Annual energy consumption		kWh/a	168	257	318	348	466	1,016	1,182	348	466	1,016	1,182		
	Energy efficiency class			A+												
	Capacity	Pdesign	kW	3.30	4.30	4.60	4.70	7.80	9.52	4.70	7.80	9.52	4.70	7.80		
	SCOP/A			4.30		4.25	4.22	4.53	4.34	4.22	4.53	4.34	4.22	4.53		
Indoor unit	Dimensions		Unit	HeightxWidthxD		mm		204x840x840		246x840x840		246x840x840		246x840x840		
	Weight		Unit	kg		18		19		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												
Fan	Dimensions		Unit	HeightxWidthxD		mm		65x950x950		148x950x106		950x950		950x950		
	Weight		Unit	kg		5.5		10.3		6.5		6.5		6.5		
	Air flow rate		Cooling	Low/Medium/High	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	13.1/20.4/27.2	13.0/17.8/22.7	13.0/17.8/22.7	13.0/17.8/22.7	13.0/17.8/22.7	
	Sound power level		Cooling	Low/Medium/High	dBA	49.0	49.0	51.0	51.0	54.0	58.0	49.0	49.0	51.0	51.0	
Control systems	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	27.0/31.0	27.0/31.0	28.0/33.0	28.0/35.0		
	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	HeightxWidthxD		mm		734x870x373		870x1,100x460		870x1,100x460		870x1,100x460			
Weight		Unit	kg		52		81		85		95		81			
Sound power level	Cooling		dBA	62.0	63.0	64.0	66	69	70	81	66	69	70	70		
	Heating		dBA	62.0	63.0	64.0	66	69	70	81	66	69	70	70		
	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	52		
Operation range	Cooling		Ambient	Min.~Max.	°CDB		-20~52		-20~52		-20~18		-20~18			
	Heating		Ambient	Min.~Max.	°CWB		-20~24		-20~18		-20~18		-20~18			
	Refrigerant		Type/GWP	R-32/675.0												
	Charge		kg/CO2Eq	1.55/1.05		3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50		3.70/2.50		
Piping connections	Liquid/Gas		OD	mm		64/9.50		64/12.7		95/15.9		95/15.9		95/15.9		
	Piping length		OU - IU	Max.	m	55		75		85		75		85		
	System		Equivalent	m	-		-		-		-		-			
	Chargeless		Chargeless	m	-		-		-		-		-			
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												
Current - 50Hz		Maximum fuse amps (MFA)	A	16		20		32		32		16		16		