

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
- › Unified indoor unit range for R-32 and R-410A
- › 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.
- › 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
- › Modern style decoration panel is available in 3 different variations: white (RAL9010) with grey louvers, full white (RAL9010) or auto cleaning panel



Efficiency data				FCAG + RXS	35A + 35L3	50A + 50L	60A + 60L
Cooling capacity	Nom.			kW	3.40	5.00	5.70
Heating capacity	Nom.			kW	4.20	6.00	7.00
Power input	Cooling	Nom.		kW	0.91	1.41	1.64
	Heating	Nom.		kW	1.20	1.62	1.99
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		
		Pdesign		kW	3.50	5.00	5.70
		SEER			6.35	6.48	6.22
		Annual energy consumption		kWh	193	270	321
	Heating (Average climate)	Energy efficiency class			A++		
		Pdesign		kW	3.32	4.36	4.71
		SCOP/A			4.90	4.29	4.00
		Annual energy consumption		kWh	949	1,426	1,646
Nominal efficiency	EER				3.74	3.55	3.48
	COP				3.50	3.70	3.52
	Annual energy consumption			kWh	455	705	820
	Energy labeling Directive	Cooling/Heating			A/B	A/A	A/B
Indoor unit				FCAG	35A	50A	60A
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840		
Weight	Unit			kg	18	19	
Air filter	Type				Resin net		
Decoration panel	Model				BYCQ140DGF9 - auto cleaning panel with fine mesh filter / BYCQ140DG9 - auto cleaning panel / BYCQ140DW - full white / BYCQ140D - white with grey louvers		
	Colour				Pure White (RAL 9010)		
	Dimensions	HeightxWidthxDepth	mm		130x950x950 / 130x950x950 / 50x950x950 / 50x950x950		
	Weight			kg	10.3 / 10.3 / 5.4 / 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		
	Wired remote control				BRC1H51 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220		
Outdoor unit				RXS	35L3	50L	60L
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	735x825x300	
Weight	Unit			kg	34	47	48
Sound power level	Cooling			dBA	61	62	
	Heating			dBA	61	62	
Sound pressure level	Cooling	Low/High		dBA	-/48	44/48	46/49
	Heating	Low/High		dBA	-/48	45/48	46/49
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46	
	Heating	Ambient	Min.~Max.	°CWB		-15~18	
Refrigerant	Type				R-410A		
	GWP				2,087.5		
Piping connections	Charge			kg/TCO2Eq	1.2/2.5	1.7/3.5	1.5/3.1
	Liquid	OD		mm		6.35	
	Gas	OD		mm	9.5		12.7
	Piping length	OU - IU	Max.	m	20		30
	System	Chargeless		m	10		-
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)	0.020 (for piping length exceeding 10m)	
Power supply	Level difference	IU - OU	Max.	m	15	20.0	
	Phase/Frequency/Voltage			Hz/V	1~/50/220-240	1~/50/220-230-240	
Current - 50Hz	Maximum fuse amps (MFA)			A		-	

EER/COP according to Eurovent 2012, for use outside EU only | The BYCQ140D7W1W has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt. | BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW1: pure white auto cleaning panel.