

Round flow cassette

360° air discharge for optimum efficiency and comfort

- › 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
- NEW** › Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- NEW** › 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



NEW

Efficiency data			FCAG + ARXM/AZAS		71B + ARXM71	100B + 100MV1	125B + 125MV1	140B + 140MV1	100B + 100MY1	125B + 125MY1	140B + 140MY1
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4		
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5		
Space cooling	Energy efficiency class		A+	A+			A+				
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.0	9.50	12.1	13.0	
	SEER		5.57	5.67	5.40	6.00	5.67	5.40	6.00		
	ηs,c	%	-	-	213	237	-	213	237		
	Annual energy consumption	kWh/a	-	586	1,345	1,300	586	1,345	1,300		
Space heating	Energy efficiency class		A	A			A				
	Capacity	Pdesign	kW	4.50	6.00	7.80	6.00	7.80	7.80		
(Average climate)	SCOP/A		3.81	3.85	3.80	4.31	3.85	3.80	4.31		
	ηs,h	%	-	-	149	169	-	149	169		
	Annual energy consumption	kWh/a	-	2,182	2,211	2,534	2,182	2,211	2,534		
Indoor unit			FCAG	71B	100B	125B	140B	100B	125B	140B	
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840	246x840x840						
Weight	Unit		kg	21	24						
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	9.3/12.5 /15.3	12.4/17.6 /22.8	12.4/19.2 /26.0	12.4/17.6 /22.8	12.4/19.2 /26.0		
		Heating	Low/Medium/High	m³/min	9.1/12.1 /15.0	12.4/17.6 /22.8	12.4/19.2 /26.0	12.4/17.6 /22.8	12.4/19.2 /26.0		
Sound power level	Cooling		dBA	51	54	58	54	58			
	Heating		dBA	51	54	58	54	58			
Sound pressure level	Cooling	Low/High	dBA	28/35	29/37	29/41	29/37	29/41			
	Heating	Low/High	dBA	28/33	29/37	29/41	29/37	29/41			
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			ARXM/AZAS	ARXM71N9	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1	
Dimensions	Unit	HeightxWidthxDepth	mm	734x870x373	990x940x320						
Weight	Unit		kg	50	70	78	70	77			
Sound power level	Cooling		dBA	65	70	71	73	71	73		
	Heating		dBA	65	-	71	73	-	71	73	
Sound pressure level	Cooling	Nom.	dBA	52	53	54	53	54			
	Heating	Nom.	dBA	52			57				
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46						
	Heating	Ambient	Min.~Max.	°CWB	-15~24						
Refrigerant	Type/GWP			R-32/675							
	Charge		kg/TCO2Eq	-	2.60/1.76	2.90/1.96	2.60/1.76	2.90/1.96			
Piping connections	Liquid/Gas	OD	mm	9.52/15.9	9.52/15.9						
	Piping	OU - IU	Max.	m	30						
	length	System	Equivalent	m	50						
			Chargeless	m	30						
		Additional refrigerant charge		kg/m	See installation manual						
	Level difference	IU - OU	Max.	m	30.0						
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240	1~/50/220-240			3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)	A		-	25	32		16			

(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