

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- > Combination with split outdoor units is ideal for small retail, offices and residential applications
- > Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- > Low operation sound level down to 25dBA
- > Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- > Possibility to change ESP via wired remote control allows optimisation of the supply air volume

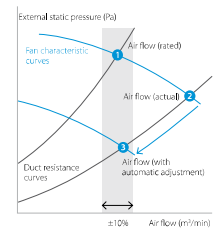


Optimised supply air volume

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within ±10%

Why?

After installation the real ducting will frequently differ from the initially calculated air flow resistance → the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature. Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically (10 or more fan curves are available on every model), making installation much faster



Efficiency data		FBA + RXM		35A9 + 35N9	50A9 + 50N9	60A9 + 60N9
Cooling capacity	Nom.	kW		3.40	5.00	5.70
Heating capacity	Nom.	kW		4.00	5.50	7.00
Space cooling	Energy efficiency class			A++		
	Capacity	Pdesign	kW	3.40	5.00	5.70
	SEER			6.23	6.27	5.91
	ηs,c		%		-	
	Annual energy consumption		kWh/a	191	279	337
Space heating (Average climate)	Energy efficiency class			A+		
	Capacity	Pdesign	kW	2.90	4.40	4.60
	SCOP/A			4.07	4.06	4.01
	ηs,h		%		-	
	Annual energy consumption		kWh/a	996	1,517	1,607
Indoor unit		FBA		35A9	50A9	60A9
Dimensions	Unit	HeightxWidthxDepth	mm	245x700x800		245x1,000x800
Weight	Unit	kg		28.0		35.0
Air filter	Type	Resin net				
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min		10.5/12.5/15.0
		Heating	Low/Medium/High	m ³ /min		10.5/12.5/15.0
	External static pressure	Nom./High	Pa		30/150	
Sound power level	Cooling	dBA		60.0		56.0
Sound pressure level	Cooling	Low/High	dBA		29.0/35.0	
	Heating	Low/High	dBA		29.0/37.0	
Control systems	Infrared remote control		BRC4C65 / BRC4C66			
	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		RXM		35N9	50N9	60N9
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285		734x870x373
Weight	Unit	kg		32		50
Sound power level	Cooling	dBA		61		63
	Heating	dBA		61		63
Sound pressure level	Cooling	Nom.	dBA	49		48
	Heating	Nom.	dBA	49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~50
	Heating	Ambient	Min.~Max.	°CWB		-20~-24
Refrigerant	Type	R-32				
	GWP	675				
Piping connections	Charge	kg/CO ₂ Eq		0.76/0.52		1.15/0.78
	Liquid OD	mm		6.35		12.7
	Gas OD	mm		9.52		12.7
	Piping length	OU - IU	Max.	m		30
	System Chargeless	m		10		-
	Additional refrigerant charge	kg/m		0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m		15
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)		A		-	