

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

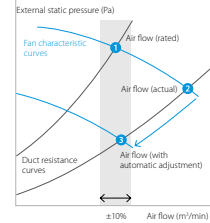


Optimised supply air volume

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 + 35R	50A9 + 50R	60A9 + 60R	
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++		A+	
	Capacity	Pdesign	kW	3.40	5.00	5.70
	SEER		6.23	6.27	5.91	
	ηs,c		%	-	-	
Space heating (Average climate)	Annual energy consumption		kWh/a	191	279	337
	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	HeightxWidthxDpeth	245x700x800		245x1,000x800	
Weight	Unit	kg	28.0		35.0	
Air filter	Type		Resin net			
Fan	Air flow rate	Cooling	Low/Medium/High	10.5/12.5/15.0		12.5/15.0/18.0
		Heating	Low/Medium/High	10.5/12.5/15.0		12.5/15.0/18.0
	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		25.0/30.0
	Heating	Low/High	dBA	29.0/37.0		25.0/31.0
Control systems	Infrared remote control			BRC4C65 / BRC4C66		
	Wired remote control			BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52		
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/60/220-240/220		
Outdoor unit		RXM	35R	50R	60R	
Dimensions	Unit	HeightxWidthxDpeth	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.	-10~-50		
	Heating	Ambient	Min.~Max.	-20~-24		
Refrigerant	Type			R-32		
	GWP			675		
Piping connections	Charge		kg/TCO2Eq	0.76/0.52		1.15/0.78
	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52		12.7
	Piping length	OU - IU Max. System Chargeless	m	20		30
	Additional refrigerant charge		kg/m	10		-
	Level difference	IU - OU Max.	m	15		0.02 (for piping length exceeding 10m)
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240		20
Current - 50Hz	Maximum fuse amps (MFA)	A		-		

Contains fluorinated greenhouse gases