

Concealed ceiling unit

Compact concealed ceiling unit, with a height of only 200mm

- > Invisible unit as the unit is concealed in the ceiling: only the suction and discharge grilles are visible
- > Compact dimensions, can easily be mounted in a ceiling void of only 240mm
- > Medium external static pressure up to 40Pa facilitates unit use with flexible ducts of varying lengths
- > Unified indoor unit range for R-32 and R-410A
- > Auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter cleaning
- > Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- > Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- > Low energy consumption thanks to DC fan motor



Efficiency data		FDXM + RXM	25F9 + 25N9	35F9 + 35N9	50F9 + 50N9	60F9 + 60N9	
Cooling capacity	Min./Nom./Max.	kW	1.30/2.40/3.00	1.40/3.40/3.80	1.70/5.00/5.30	1.70/6.00/6.50	
Heating capacity	Min./Nom./Max.	kW	1.30/3.20/4.50	1.40/4.00/5.00	1.70/5.80/6.00	1.70/7.00/7.10	
Space cooling	Energy efficiency class		A ⁺	A	A ⁺	A	
	Capacity	Pdesign	kW	2.40	3.40	5.00	6.00
	SEER			5.68	5.26	5.77	5.56
	ηs,c		%				
Space heating (Average climate)	Annual energy consumption		kWh/a	148	226	303	378
	Energy efficiency class			A ⁺	A	A	
	Capacity	Pdesign	kW	2.60	2.90	4.00	4.60
	SCOP/A			4.24	3.88	3.93	3.80
	ηs,h		%				
Annual energy consumption		kWh/a	858	1,046	1,424	1,693	
Indoor unit		FDXM	25F9	35F9	50F9	60F9	
Dimensions	Unit	HeightxWidthxDepth	200x750x620		200x1,150x620		
Weight	Unit		21		28		
Air filter	Type		Removable / washable				
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	7.3/8.0/8.7	13.3/14.6/15.8	13.5/14.8/16.0
		Heating	Low/Medium/High	m ³ /min	7.3/8.0/8.7	13.3/14.6/15.8	13.5/14.8/16.0
	External static pressure	Nom.	Pa	30		40	
Sound power level	Cooling		dB(A)	53.0		55.0	56.0
	Heating		dB(A)	53.0		55.0	56.0
Sound pressure level	Cooling	Low/High	dB(A)	27.0/35.0		30.0/38.0	
	Heating	Low/High	dB(A)	27.0/35.0		30.0/38.0	
Control systems	Infrared remote control						
	Wired remote control		BRC™K				
Outdoor unit		RXM	25N9	35N9	50N9	60N9	
Dimensions	Unit	HeightxWidthxDepth	550x765x285		734x870x373		
Weight	Unit		32		50		
Sound power level	Cooling		dB(A)	58	61	62	63
	Heating		dB(A)	59	61	62	63
Sound pressure level	Cooling	Nom.	dB(A)	46	49	48	
	Heating	Nom.	dB(A)	47		49	
Operation range	Cooling	Ambient	Min.~Max.	°CDB			-10~46
	Heating	Ambient	Min.~Max.	°CWB			-15~25
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		6.4	
	Gas	OD	mm	9.50		12.7	
	Piping length	OU - IU	Max.	m		30	
		System	Chargeless	m		-	
		Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240			
	Current - 50Hz	Maximum fuse amps (MFA)	A	13			

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | See separate drawing for operation range | See separate drawing for electrical data | Only possible in combination with CTXM*M2V1B, ATXM*M2V1B, FTXM*M2V1B, FVXM*FV1B, FCAG*AVEB, FFA*A2VEB9, FBA*A2VEB9, FHA*AVEB9, FDXM*F3V1B9, FNA*A2VEB9 | Only possible in combination with CTXM*N2V1B, ATXM*N2V1B, FTXM*N2V1B | Contains fluorinated greenhouse gases