

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
- > Onecta app (optional): control your indoor from any location with an app, via your local network or internet.
- > Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc
- > Low energy consumption thanks to DC fan motor



More details and final information can be found by scanning or clicking the QR codes.



FDXM-F9



RXM-R



RXM-R9

Efficiency data		FDXM + RXM	25F9 + 25R	35F9 + 35R	50F9 + 50R	60F9 + 60R
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
	Annual energy consumption	kWh/a	148	226	303	378
Space heating (Average climate)	Energy efficiency class		A ⁺	A	A	A
	Capacity	Pdesign kW	2.60	2.90	4.00	4.60
	SCOP/A		4.24	3.88	3.93	3.80
	Annual energy consumption	kWh/a	858	1,046	1,424	1,693

Indoor unit			FDXM	25F9	35F9	50F9	60F9
Dimensions	Unit	HeightxWidthxDpeth	mm	200x750x620		200x1,150x620	
Weight	Unit		kg	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	
		Heating	Low/Medium/High m ³ /min	7.3/8.0/8.7		13.3/14.6/15.8	
	External static pressure	Nom.	Pa	30		40	
Sound power level	Cooling		dBA	53.0		55.0	
	Heating		dBA	53.0		55.0	
Sound pressure level	Cooling	Low/High	dBA	27.0/35.0		30.0/38.0	
	Heating	Low/High	dBA	27.0/35.0		30.0/38.0	
Control systems	Infrared remote control			-			

Outdoor unit			RXM	25R9	35R9	50R	60R
Dimensions	Unit	HeightxWidthxDpeth	mm	552x840x350		34x954x401	
Weight	Unit		kg	32		49.0	
Sound power level	Cooling	Nom.	dBA	58	61	62.0	63.0
	Heating	Nom.	dBA	59	61	62.0	63.0
Sound pressure level	Cooling	Nom.	dBA	46	49	48.0	
	Heating	Nom.	dBA	47	49	49.0	
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10 ~50 (1) / 46 (2)		-10 ~50 (4) / 46 (5)	
	Heating	Ambient Min. - Max.	°CWB	-15~-24			
Refrigerant	Type			R-32			
	GWP			675.0			
Piping connections	Charge		kg/TCO ₂ Eq	0.76/0.52		1.15/0.780	
	Liquid	OD	mm	6.35		6	
	Gas	OD	mm	9.50		12.7	
	Piping length	OU - IU Max. System Chargeless	m	20		30	
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU Max.	m	15		20.0	
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50 /220-240			
Current - 50Hz	Maximum fuse amps (MFA)	A	13		16		

See separate drawing for electrical data | See separate drawing for operation range | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Contains fluorinated greenhouse gases