

# 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	-/2.40/-	-/3.40/-	1.70/5.00/5.30	1.70/6.00/6.50
Heating capacity	Min./Nom./Max.		kW	-/3.20/-	-/4.00/-	1.70/5.80/6.00	1.70/7.00/7.10
Power input	Cooling	Nom.	kW	0.64	1.14	1.63	2.05
	Heating	Nom.	kW	0.80	1.15	1.87	2.18
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
Nominal efficiency	EER			3.77	2.98	3.06	2.93
	COP			4.00	3.48	3.10	3.21
	Annual energy consumption		kWh	318	570	816	1,024
	Energy labeling Directive	Cooling/Heating		A/A	C/B	B/D	C/C

Indoor unit			FDXM	25F9	35F9	50F9	60F9
Dimensions	Unit	HeightxWidthxDepth	mm	200x750x620		200x1,150x620	
Weight	Unit		kg	21		28	
Air filter	Type			Removable / washable			
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min		13.3/14.6 /15.8	
		Heating	Low/Medium/High	m³/min		13.3/14.6 /15.8	
	External static pressure	Nom.		Pa		40	
Sound power level	Cooling			dBA		55	
	Heating			dBA		55	
Sound pressure level	Cooling	Low/High		dBA		30/38	
	Heating	Low/High		dBA		30/38	
Control systems	Infrared remote control						
	Wired remote control						
Power supply	Phase/Frequency/Voltage			1~/50/220-240			

Outdoor unit			RXM	25N9	35N9	50N9	60N9
Dimensions	Unit	HeightxWidthxDepth	mm				
Weight	Unit		kg				
Sound power level	Cooling		dBA	58	61	62.0	63.0
	Heating		dBA	59	61	62.0	63.0
Sound pressure level	Cooling	Nom.	dBA	46	49	48.0	
	Heating	Nom.	dBA	47		49	
Operation range	Cooling	Ambient	Min.~Max.	°CDB			
	Heating	Ambient	Min.~Max.	°CWB			
Refrigerant	Type			R-32			
	GWP			675.0			
Piping connections	Charge		kg/TCO2Eq				
	Liquid	OD	mm				
	Gas	OD	mm				
	Piping length	OU - IU	Max.	m			
	Additional refrigerant charge	System	Chargeless	m			
	Level difference	IU - OU	Max.	m			
Power supply	Phase/Frequency/Voltage			1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A			

\*Note: blue cells contain preliminary data