

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with split outdoor units is ideal for small retail, offices or residential applications
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Unified indoor unit range for R-32 and R-410A
- › Combining with R-32 Bluevolution technology, reduces environmental impact with 68% compared to R-410A, leads directly to lower energy consumption thanks to its high energy efficiency and has up to lower 16% refrigerant charge



Efficiency data				FHA + RXM	35A + 35M9	50A + 50M9	60A + 60M9	
Cooling capacity	Nom.			kW	3.40	5.00	5.70	
Heating capacity	Nom.			kW	4.00	6.00	7.20	
Power input	Cooling	Nom.		kW	0.91	1.56	1.73	
	Heating	Nom.		kW	0.98	1.79	2.17	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A++		A+	
		Pdesign		kW	3.40	5.00	5.70	
		SEER			6.24	5.92	6.08	
	Annual energy consumption				kWh	191	295	328
	Heating (Average climate)	Energy efficiency class				A+		A
		Pdesign			kW	3.10	4.35	4.71
		SCOP/A				4.43	3.86	3.87
Annual energy consumption				kWh	979	1,578	1,704	
Indoor unit				FHA	35A	50A	60A	
Dimensions	Unit	HeightxWidthxDepth		mm	235x960x690		235x1,270x690	
Weight	Unit			kg	24.0	25.0	31.0	
Air filter	Type				Resin net			
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5	
		Heating	Low/Medium/High	m ³ /min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5	
Sound power level	Cooling			dBA	53	54		
Sound pressure level	Cooling	Low/High		dBA	31/36	32/37	33/37	
	Heating	Nom./High		dBA	34/36		35/37	
Control systems	Infrared remote control				BRC7GA53 / BRC7GA56			
	Wired remote control				BRC1H51 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			
Outdoor unit				RXM	35M9	50M9	60M9	
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	735x825x300		
Weight	Unit			kg	32	47		
Sound power level	Cooling			dBA	61	62	63	
	Heating			dBA	61	62	63	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18			
Refrigerant	Type				R-32			
	GWP				675.0			
	Charge			kg/CO ₂ Eq	0.76/0.52	1.40/0.95	1.45/0.98	
Piping connections	Liquid	OD		mm	6,35	6,4		
	Gas	OD		mm	9.50	12.7		
	Piping length		OU - IU	Max.	m	20.0	30	
	Additional refrigerant charge				kg/m	0.02 (for piping length exceeding 10m)		
	Level difference				IU - OU	Max.	m	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	10	15		

(1) EER/COP according to Eurovent 2012, for use outside EU only

(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

