

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with Sky Air Advance-series ensures good value for money for all types of commercial 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 + RZASG	71A + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	100A + 100MY1	125A + 125MY1	140A + 140MY1	
Cooling capacity	Nom.			kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
Heating capacity	Nom.			kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class			A+		-		A+		-	
		Pdesign		kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
		SEER			5.95	5.83	5.83	5.88	5.83	5.83	5.88	
		Annual energy consumption		kWh	400	570	1,297	1,368	570	1,297	1,368	
	Heating (Average climate)	Energy efficiency class			A		-		A		-	
		Pdesign		kW	4.50	6.00		7.80	6.00		7.80	
		SCOP/A			3.90	3.91	3.83	3.81	3.91	3.83	3.81	
		Annual energy consumption		kWh	1,616	2,148	2,193	2,866	2,148	2,193	2,866	
Indoor unit				FHA	71A	100A	125A	140A	100A	125A	140A	
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690	235x1,590x690							
Weight	Unit		kg	32.0	38.0							
Air filter	Type				Resin net							
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	
		Heating	Low/Medium/High	m³/min	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	
Sound power level	Cooling			dBA	55	60	62	64	60	62	64	
Sound pressure level	Cooling	Low/High		dBA	34/38	34/42	37/44	38/46	34/42	37/44	38/46	
	Heating	Nom./High		dBA	36/38	38/42	41/44	42/46	38/42	41/44	42/46	
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				RZASG	71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1	
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320							
Weight	Unit		kg	60	70		71	78	70	71	77	
Sound power level	Cooling			dBA	65	70	71	73	70	71	73	
Sound pressure level	Cooling	Nom.		dBA	46	53		54	53		54	
	Heating	Nom.		dBA	47	57						
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~46							
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5							
Refrigerant	Type/GWP				R-32/675							
	Charge			kg/TCO2Eq	2.45/1.65	2.60/1.76		2.90/1.96	2.60/1.76		2.90/1.96	
Piping connections	Liquid/Gas			mm	9.52/15.9							
	Piping length	OU - IU	Max.	m	50							
		System	Equivalent	m	70							
				Chargeless	30							
	Additional refrigerant charge			kg/m	See installation manual							
	Level difference			IU - OU Max.	30.0							
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240				3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32		16			

(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.