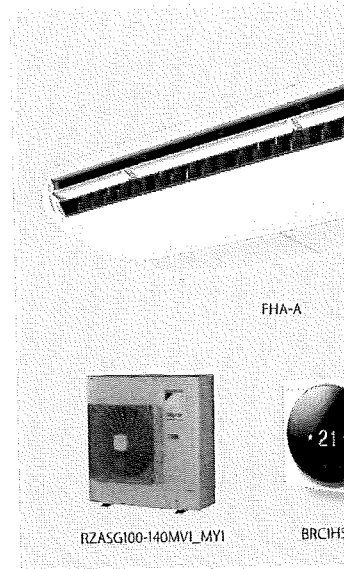


Ceiling suspended unit

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
Cooling capacity	Nom.		kW	6.80	9.50	12.1	13.4	
Heating capacity	Nom.		kW	7.50	10.8	13.5	15.5	
Space cooling	Energy efficiency class			A+		-		
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	
	SEER			5.95	5.83		5.88	
	ηs,c		%	-	-	230	232	
	Annual energy consumption		kWh/a	400	570	1,246	1,368	
Space heating (Average climate)	Energy efficiency class			A		-		
	Capacity	Pdesign	kW	4.50	6.00		7.80	
	SCOP/A			3.90	3.91	3.83	3.81	
	ηs,h		%	-	-	150	149	
	Annual energy consumption		kWh/a	1,616	2,148	2,193	2,866	
Indoor unit				FHA	71A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth		mm	235x1,270x690		235x1,591x380	
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
		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
Sound power level	Cooling			dBA	55	60	62	64
Sound pressure level	Cooling	Low/High		dBA	34/38	34/42	37/44	38/46
	Heating	Nom./High		dBA	36/38	38/42	41/44	42/46
Control systems	Infrared remote control				BRC7G53			
	Wired remote control				BRC1HS1(9)W/S/K / BRC1ES3A/B			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			
Outdoor unit				RZASG	71MV1	100MV1	125MV1	140MV1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320		990x941	
Weight	Unit			kg	60	70	78	
				dBA	65	70	71	73
Sound power level	Cooling			dBA	-	-	71	73
	Heating			dBA	46	53		54
Sound pressure level	Cooling	Nom.		dBA	46	53		54
	Heating	Nom.		dBA	47			51
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	2.90/1.96
Piping connections	Liquid/Gas			mm	9.52/15.9			
	Piping length	OU - IU	Max.	m	50			
	System	Equivalent		m	70			
	Chargeless			m	30			
	Additional refrigerant charge			kg/m	See installation man			
Power supply	Level difference	IU - OU	Max.	m	30.0			
	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32	32

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each co