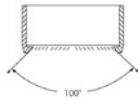


# Ceiling suspended unit

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
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space



- › Reduced energy consumption thanks to specially developed DC fan motor
- › 5 different fan speeds available for maximum comfort



FHA-A(9)



RZAG-A



RZAG-NV1



RZAG-NY1

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

Efficiency data		FHA + RZAG															
		35A9 + 35A		50A9 + 50A		60A9 + 60A		71A9 + 71NV1		100A + 100NV1		125A + 125NV1		140A + 140NV1			
Cooling capacity	Min./Nom./Max.	kW		1.70/3.50/4.50		1.70/5.00/6.00		1.90/6.00/6.80		-/6.80/-		-/9.50/-		-/12.1/-		-/13.4/-	
Heating capacity	Min./Nom./Max.	kW		1.40/4.00/5.50		1.70/5.80/6.50		1.70/7.00/7.50		-/7.50/-		-/10.8/-		-/13.5/-		-/15.5/-	
Space cooling	Energy efficiency class			A++		A++		A++		-		A++		-		-	
	Capacity	Pdesign		kW		3.50		5.00		6.00		6.80		9.50		12.1	
	SEER			6.40		6.80		6.60		7.11		6.42		7.14		6.42	
	ηs,c			%		-		-		-		283		254		-	
	Annual energy consumption	kWh/a		191		257		318		335		518		1,017		1,253	
Space heating	Energy efficiency class			A+		A+		A++		-		A+		A++		-	
(Average climate)	Capacity	Pdesign		kW		3.10		4.00		4.60		4.70		7.80		9.52	
	SCOP/A			4.10		4.30		4.20		4.32		4.61		4.20		4.30	
	ηs,h			%		-		-		-		165		169		-	
	Annual energy consumption	kWh/a		1,058		1,302		1,633		2,369		3,174		3,100		2,369	

Indoor unit		FHA																									
		35A9		50A9		60A9		71A9		100A		125A		140A													
Dimensions	Unit	HeightxWidthxDepth		mm		235x960x690		235x1,270x690		235x1,590x690		235x1,270x690		235x1,590x690													
Weight	Unit	kg		24.0		25.0		31.0		32.0		38.0		32.0													
Air filter	Type	Resin net																									
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min		10.0/11.5/14.0		10.0/12.0/15.0		11.5/15.0/19.5		14.0/17.0/20.5		20.0/24.0/28.0		23.0/27.0/31.0		24.0/29.0/34.0		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		10.0/11.5/14.0		10.0/12.0/15.0		11.5/15.0/19.5		14.0/17.0/20.5		20.0/24.0/28.0		23.0/27.0/31.0		24.0/29.0/34.0		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		53		54		55		60		62		64		55		60		62		64					
Sound pressure level	Cooling	Low/Medium/High	dBA		31/34/36		32/35/37		33/35/37		34/36/38		34/38/42		37/41/44		38/42/46		34/36/38		34/38/42		37/41/44		38/42/46		
	Heating	Medium/Nom./High	dBA		31/34/36		32/35/37		33/35/37		34/36/38		34/38/42		37/41/44		38/42/46		34/36/38		34/38/42		37/41/44		38/42/46		
Control systems	Infrared remote control	BRC7GA53 / BRC7GA56																									
	Wired remote control	BRC1H51W/S/K / BRC1E53A/B/C / BRC1D52																									
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50 / 220-240		1~/50 / 220-240		1~/50 / 220-240		1~/50 / 220-240		1~/50 / 220-240		1~/50 / 220-240		1~/50 / 220-240											

Outdoor unit		RZAG																						
		35A		50A		60A		71NV1		100NV1		125NV1		140NV1		71NY1		100NY1		125NY1		140NY1		
Dimensions	Unit	HeightxWidthxDepth		mm		734x870x373		81		85		95		870x1,100x460		81		85		94		94		
Weight	Unit	kg		52		52		81		85		95		81		85		94		94		94		
Sound power level	Cooling	dBA		62.0		63.0		64.0		64		66		69		70		64		66		69		
	Heating	dBA		62.0		63.0		64.0		-		-		68		71		-		-		68		71
Sound pressure level	Cooling	Nom.	dBA		48.0		49.0		50.0		46		47		49		50		46		47		49	
	Heating	Nom.	dBA		48.0		49.0		50.0		48		50		52		48		50		50		52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-		-		-		-		-20~-52		-		-		-		-		
	Heating	Ambient	Min.~Max.	°CWB		-20~-24		-		-		-		-		-20~-18		-		-		-		
Refrigerant	Type/GWP	R-32/675.0												R-32/675										
	Charge	kg/TCO2Eq		1.55/1.05		1.55/1.05		3.20/2.16		3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50								
Piping connections	Liquid/Gas	OD		mm		6.35/9.50		6.35/12.7		-		-		9.52/15.9		-		-		-		-		
	Piping length	OU - IU	Max.	m		50		55		75		85		100		75		100		85		85		
	System	Equivalent	m		-		-		-		-		-		-		-		-		-			
	Chargeless	m		30		30		30		30		30		30		30		30		30		30		
	Additional refrigerant charge	kg/m		0.02		0.02		0.02		0.02		0.02		0.02		0.02		0.02		0.02		0.02		
	Level difference	IU - OU	Max.	m		30.0		30.0		30.0		30.0		30.0		30.0		30.0		30.0		30.0		
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50 / 220-240		1~/50 / 220-240		1~/50 / 220-240		1~/50 / 220-240		1~/50 / 220-240		1~/50 / 220-240		1~/50 / 220-240		3~/50 / 380-415		3~/50 / 380-415		3~/50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)	A		-		-		20		20		32		32		32		16		16		16		

Contains fluorinated greenhouse gases