

Concealed ceiling unit with high ESP

ESP up to 200, ideal for large sized spaces

- › High external static pressure up to 200Pa facilitates extensive duct and grille network
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › Flexible installation, as the air suction direction can be altered from rear to bottom suction
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed



Efficiency data		FDA + RZAG /RZASG		Sky Air Alpha-series		Sky Air Advance-series			
				125A + 125MV1	125A + 125MY1	125A + 125MV1	125A + 125MY1		
Cooling capacity	Nom.	kW		12.1		12.1			
Heating capacity	Nom.	kW		13.5		13.5			
Space cooling	Energy efficiency class			-		-			
	Capacity	Pdesign	kW	12.1		12.1			
	SEER			6.59			5.03		
	ηs,c			261			198		
Space heating (Average climate)	Annual energy consumption	kWh/a		1,102			1,444		
	Energy efficiency class			-		-			
	Capacity	Pdesign	kW	9.52			6.00		
	SCOP/A			4.08			3.58		
	ηs,h			160			140		
	Annual energy consumption	kWh/a		3,267			2,346		
Indoor unit		FDA		125A	125A	125A	125A		
Dimensions	Unit	HeightxWidthxDepth	mm	300x1,400x700					
Weight	Unit		kg	45					
Required ceiling void >			mm	350					
Air filter	Type			Resin net					
Decoration panel	Model			BYBS125DJW1					
	Colour			White (10Y9/0.5)					
	Dimensions	HeightxWidthxDepth	mm	55x1,500x500					
	Weight		kg	6.5					
Fan	Air flow rate	Cooling	Low/High	m ³ /min		28.0/39.0			
		Heating	Low/High	m ³ /min		28.0/39.0			
	External static pressure	Nom./High	Pa	50/200					
Sound power level	Cooling		dBA	66					
Sound pressure level	Cooling	Low/High	dBA	33/40					
	Heating	Low/High	dBA	33/40					
Control systems	Infrared remote control			BRC4C65 / BRC4C66					
	Wired remote control			BRC1H519W/S/K / BRC1E53A/B/C, BRC1D52					
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220					
Outdoor unit		RZAG125MV1		RZAG125MY1		RZASG125MV1		RZASG125MY1	
Dimensions	Unit	HeightxWidthxDepth	mm	1,430x940x320		990x940x320			
Weight	Unit		kg	92		70			
Sound power level	Cooling		dBA	69		71			
	Heating		dBA	69		71			
Sound pressure level	Cooling	Nom.	dBA	50		53			
	Heating	Nom.	dBA	52		57			
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-20~-52		-15~-46	
	Heating	Ambient	Min.~Max.	°CWB		-20~-18.0		-15~-15.5	
Refrigerant	Type/GWP			R-32/675					
	Charge		kg/CO ₂ Eq	3.75/2.53		2.60/1.76			
Piping connections	Liquid/Gas	OD	mm	9.52/15.9					
	Piping length	OU - IU	Max.	m		85		50	
		System	Equivalent	m		100		70	
		Chargeless	m		40		30		
	Additional refrigerant charge		kg/m	See installation manual					
Level difference	IU - OU	Max.	m	30.0					
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240	3~/50/380-415	1~/50/220-240	3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	32	16	32	16		

(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 combination, please refer to the electrical data drawing