

# Concealed ceiling unit with high ESP

ESP up to 200 Pa, 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 ceiling: only the suction and discharge grilles are visible
- > Built-in drain pump (625mm) increases the flexibility and installation speed (standard for FDA125, optional for FDA200-250)
- > Standard supplied suction filter simplifies installation



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



FDA-A



RZAG-NV1



RZAG-NY1



RZASG-MV1



RZASG-MY1

Efficiency data		FDA + RZAG / RZASG		Sky Air Alpha-series		Sky Air Advance-series		
				125A + 125NV1	125A + 125NY1	125A + 125MV1	125A + 125MY1	
Cooling capacity	Min./Nom./Max.					-/12.1 /-		
Heating capacity	Min./Nom./Max.					-/13.5 /-		
Space cooling	Capacity	Pdesign				12.1		
	SEER			6.59		5.03		
	ηs,c			261		198		
Space heating (Average climate)	Annual energy consumption	kWh/a		1,102		1,444		
	Capacity	Pdesign		9.52		6.00		
	SCOP/A			4.35		3.58		
	ηs,h			171		140		
Annual energy consumption	kWh/a		3,064		2,346			
Indoor unit				FDA	125A	125A	125A	
Dimensions	Unit	HeightxWidthxDpeth		mm	300x1,400x700			
Weight	Unit			kg	45			
Required ceiling void >				mm	350			
Air filter	Type				Resinnet			
Decoration panel	Colour				BYBS125DJW1			
	Dimensions			HeightxWidthxDpeth	mm	White(10Y9/0.5)		
	Weight				kg	55x1,500x500		
Fan	Air flow	Cooling	Low/High	m³/min	28.0/39.0			
	rate	Heating	Low/High	m³/min	28.0/39.0			
	External static pressure	Nom./High		Pa	50/200			
Sound power level	Cooling			dB(A)	66			
Sound pressure level	Cooling	Low/Medium/High		dB(A)	33/-/40			
	Heating	Low/Medium/High		dB(A)	33/-/40			
Control systems	Infrared remote control				BRC4C65 / BRC4C66			
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			
Piping connections	Drain				VP25 (I.D. 25/O.D. 32)			
Drain-up height				mm	625			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220			
Outdoor unit				RZAG125NV1	RZAG125NY1	RZASG125MV1	RZASG125MY1	
Dimensions	Unit	HeightxWidthxDpeth		mm	870x1,100x460		990x940x320	
Weight	Unit			kg	95	94	70	
Sound power level	Cooling			dB(A)	69		71	
	Heating			dB(A)	68		71	
Sound pressure level	Cooling	Nom.		dB(A)	49		53	
	Heating	Nom.		dB(A)	52		57	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20 ~52		-15 ~46	
	Heating	Ambient	Min.~Max.	°CWB	-20 ~18		-15 ~15.5	
Refrigerant	Type/GWP				R-32/675			
	Charge			kg/TCO2Eq	3.70/2.50		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	
	Additional refrigerant charge			kg/m	See installation manual			
Level difference IU - OU	Max.		m	30			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

Contains fluorinated greenhouse gases

# Concealed ceiling unit with high ESP

ESP up to 250 Pa, ideal for large sized spaces

- › High external static pressure up to 250Pa 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 ceiling: only the suction and discharge grilles are visible
- › Optional drain pump
- › Standard supplied suction filter simplifies installation
- › Up to 26.4kW in heating mode



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FDA-A



RZA-D

Efficiency data		FDA + RZA		200A + 200D		250A + 250D		
Cooling capacity	Min./Nom./Max.	kW		-/19.0/-		-/22.0/-		
Heating capacity	Min./Nom./Max.	kW		-/22.4/-		-/24.0/-		
Space cooling	Capacity	Pdesign		kW		19.0		
	SEER					6.26		
	ηs,c					247		
	Annual energy consumption			kWh/a		1,821		
Space heating (Average climate)	Capacity	Pdesign		kW		11.2		
	SCOP/A					3.59		
	ηs,h					141		
	Annual energy consumption			kWh/a		4,368		
Indoor unit		FDA		200A		250A		
Dimensions	Unit	HeightxWidthxDepth		mm		470x1,490x1,100		
Weight	Unit			kg		104		
Air filter	Type					Resinnet		
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min		36.0/50/64.0		
		Heating	Low/Medium/High	m³/min		36.0/50.0/64.0		
	External static pressure	Nom./High	Pa				62/250	
Sound power level	Cooling			dBA		69.0		
Sound pressure level	Cooling	Low / Medium / High		dBA		36.0/39.0/43.0		
	Heating	Low / Medium / High		dBA		36.0/39.0/43.0		
Control systems	Wired remote control						BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52	
Piping connections	Drain						BSP1	
Outdoor unit		RZA		200D		250D		
Dimensions	Unit	HeightxWidthxDepth		mm		870x1,100x460		
Weight	Unit			kg		117		
Sound power level	Cooling			dBA		73		
	Heating			dBA		76		
Sound pressure level	Cooling	Nom.		dBA		53		
	Heating	Nom.		dBA		60		
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-20~46		
	Heating	Ambient	Min.~Max.	°CWB		-20~15		
Refrigerant	Type/GWP					R-32/675		
	Charge			kg/TCO2Eq		5/3.38		
Piping connections	Liquid/Gas	OD		mm		9.52/22.2		
	Piping length	OU - IU	Max.	m		100		
	System	Chargeless		m		30		
	Additional refrigerant charge			kg/m		See installation manual		
Power supply	Phase/Frequency/Voltage				Hz/V		3~/50 /380-415	
Current - 50Hz	Maximum fuse amps (MFA)				A		20	

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