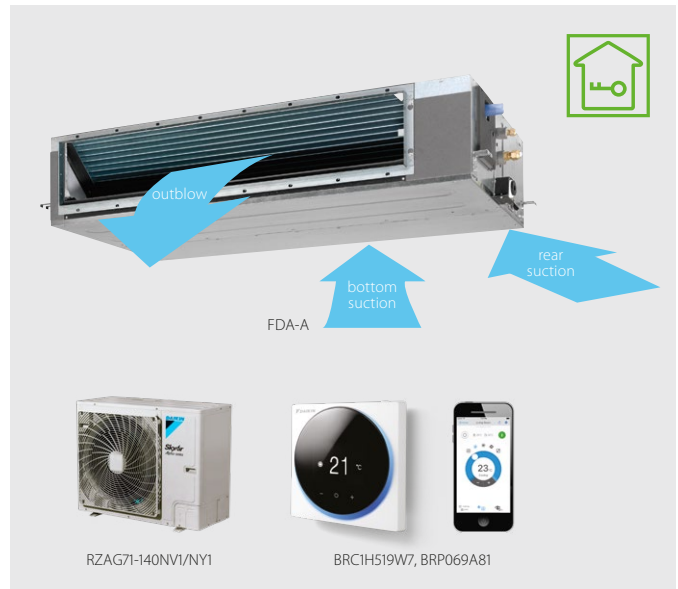


Concealed ceiling unit with high ESP

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
- NEW** New single fan Sky Air Alpha-series range!



		FDA + RZAG / RZASG		Sky Air Alpha-series			Sky Air Advance-series				
Efficiency data				125A + 125NV1	125A + 125NY1	125A + 125MV1	125A + 125MY1	125A + 125MV1	125A + 125MY1		
Cooling capacity	Nom.						12.1				
Heating capacity	Nom.						13.5				
Space cooling	Energy efficiency class						-				
	Capacity	Pdesign					12.1				
	SEER			6.59		6.59		5.03			
	ηs,c			261		261		198			
	Annual energy consumption		kWh/a	1,102		1,102		1,444			
Space heating (Average climate)	Energy efficiency class						-				
	Capacity	Pdesign		6.59			6.59		6.00		
	SCOP/A			261		261		3.58			
	ηs,h		%	1,102		1,102		140			
	Annual energy consumption		kWh/a	3,267		3,267		2,346			
Indoor unit		FDA		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							
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					
						66					
Sound power level	Cooling			dBA		33/40					
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/K7/ BRC1E53A/B/C, BRC1D52						
Power supply	Phase/Frequency/Voltage				1~/50/60/220-240/220						
Outdoor unit				RZAG125NV1	RZAG125NY1	RZAG125MV1	RZAG125MY1	RZASG125MV1	RZASG125MY1		
Dimensions	Unit	HeightxWidthxDepth		mm		870x1,100x460		1,430x940x320			
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		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		9.52/15.9		
	Piping length	OU - IU	Max.	m		85		85		50	
		System	Equivalent	m		100		100		70	
		Chargeless	m		40		40		30		
	Additional refrigerant charge			kg/m		See installation manual		See installation manual			
Level difference	IU - OU	Max.	m		30.0		30.0				
Power supply	Phase/Frequency/Voltage				Hz/V		1~/50/220-240		3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)				A		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

*Note: blue cells contain preliminary data