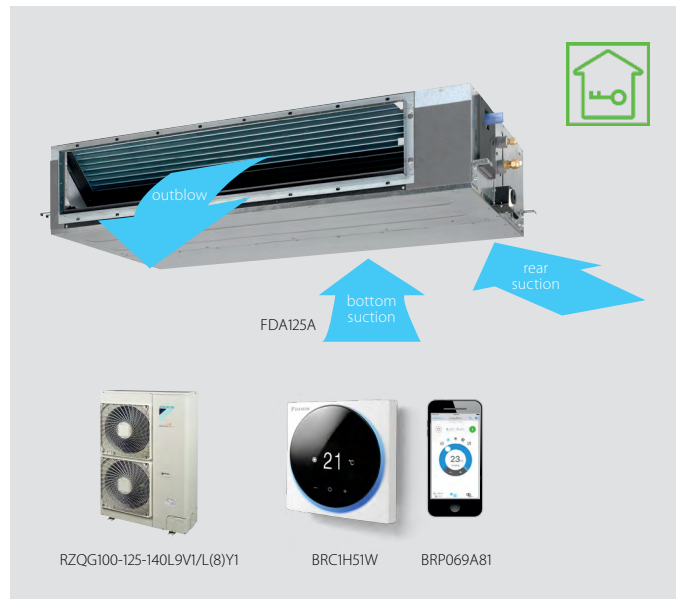


Concealed ceiling unit with high ESP

ESP up to 200, ideal for large sized spaces

- › Unified range for R-32 and R-410A
- › 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
- › Reduced energy consumption thanks to specially developed DC fan motor
- › No optional adapter needed for DIII-connection, link your unit into the wider building management system.
- › 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 + RZQG/RZQSG	FDA125A5VEB / RZQG125L9V1B	FDA125A5VEB / RZQG125L8Y1B	FDA125A5VEB / RZQSG125L9V1B	FDA125A5VEB / RZQSG125L8Y1B
Cooling capacity	Nom.					12.0
Heating capacity	Nom.					13.5
Power input	Cooling	Nom.	kW	3.20		3.74
	Heating	Nom.	kW	3.53		3.85
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		A+		A
		Pdesign	kW		12.0	
		SEER		5.81		5.20
	Heating (Average climate)	Annual energy consumption	kWh	723		808
		Energy efficiency class		A+		A
		Pdesign	kW	12.7		7.60
Nominal efficiency	EER	SCOP/A		4.21		3.90
		Annual energy consumption	kWh	4,227		2,729
	COP		3.75		3.21	
			3.83		3.51	
	Annual energy consumption	kWh	1,600 (0.000)		1,870 (0.000)	
Energy labeling Directive	Cooling/Heating		A / A		A / B	

Indoor unit				FDA	125A
Dimensions	Unit	HeightxWidthxDepth	mm		300x1,400x700
Required ceiling void >			mm		350
Weight	Unit		kg		45
Decoration panel	Model				BYBS125DJW1
	Colour				White (10Y9/0.5)
	Dimensions	HeightxWidthxDepth	mm		55x1,500x500
	Weight		kg		6.5
Air filter	Type				Resin net with mold resistance
Fan - Air flow rate	Cooling	High/Low	m ³ /min		39/28
		Heating	m ³ /min		39/28
Fan - External static pressure	High/Nom./Maximum available/High		Pa		200/50/-
Sound power level	Cooling		dBA		66
Sound pressure level	Cooling	High/Low	dBA		40/33
		Heating	dBA		40/33
Refrigerant	Type				R-32 / R-410A
Control systems	Infrared remote control				BRC4C65
	Wired remote control				BRC1H51 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50/60 / 220-240/220

Outdoor unit				RZQG/RZQSG	RZQG125L9V1	RZQG125L8Y1	RZQSG125L9V1	RZQSG125L8Y1
Dimensions	Unit	HeightxWidthxDepth	mm		1,430x940x320		990x940x320	
Weight	Unit		kg	95		101	74	82
Sound power level	Cooling		dBA		67		70	
Sound pressure level	Cooling	Nom.	dBA		51		54/-	
		Heating	dBA		53		58	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~50		-15~46	
		Heating	Ambient	Min.~Max.	°CWB	-20~-15.5		-15~-15.5
Refrigerant	Type/GWP						R-410A/2,087.5	
	Charge		kg/TCO2Eq	4.0/8.4			2.9/6.1	
Piping connections	Liquid/Gas		mm				9.52/15.9	
	Piping length	OU - IU	Max.	m	75		50	
		System	Equivalent	m	90		70	
			Chargeless	m	30		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	3N~/50/380-415		1~/50/220-240	3N~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)		A	40	25		32	16

(1) EER/COP according to Eurovent 2012, for use outside EU only

(2) 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.