



## High Static Ducted Units

FDQ / RZQG-L7V1(LY1) RZQSG-LV1 (LY1) RZQ-C



RZQG125LV1

**Outdoor Unit**

<b>RZQG125</b>	H x W x D	1430 x 940 x 320mm
<b>RZQSG125</b>	H x W x D	990 x 940 x 320mm
<b>RZQ200/250</b>	H x W x D	1680 x 930 x 765mm

### Seasonal Smart Seasonal Classic

Daikin's high static ducted unit has been re-engineered for Seasonal Efficiency, combining improved efficiencies in year round conditions with functionality to suit commercial environments.

The FDQ-C series has a slim profile to allow it to be fitted into narrow ceiling voids, and has high External Static Pressures to allow it to be connected to longer runs of flexible duct-work to provide heating and cooling to unusual shaped or long rooms.

Energy efficiencies can be improved with the **Seasonal Smart** system by utilising the Selectable evaporating and condensing temperature option, offering the ideal solution for energy conscious building managers.

The **Seasonal Classic** can be used on existing R22 pipework, which suits refurbishment projects.

**Super Inverter** Concealed Ducted system can be used with pipe runs of up-to 100meters and capacities of up to 25kW for creating comfortable environments in larger premises.



### FEATURES

Up to 200Pa External Static Pressure (250Pa on Super Inverter)

Selectable evaporating and condensing temperatures on Seasonal Smart

D3 connection as standard

R22 Replacement technology

### BENEFITS

Gives the ability to connect to much longer duct runs, to allow application in larger rooms

Improves energy efficiency of the 'out of the box' system by 20%, saving money on running costs

Allows integration and control of split system with Daikin building management systems

Re-use of existing R22 and R407C piping possible, allowing only fan-coil and condensers to be replaced

Indoor Units			Seasonal Smart		Seasonal Classic		Super Inverter	
			Single Phase	3 Phase	Single Phase	3 Phase	3 Phase	
			FDQ125C	FDQ125C	FDQ125C	FDQ125C	FDQ200B	FDQ250B
Cooling Capacity	Nominal	kW	12	12	12	12	20	25
	UK Total	kW	13.6	13.6	13.6	13.6	19.4	23.5
	UK Sensible	kW	9.3	9.3	9.3	9.3	16.3	20.7
Heating Capacity	Nominal	kW	13.5	13.5	13.5	13.5	23	27
	Seasonal efficiency (according to EN14825)	Cooling	Energy label	A+		C		
Pdesign			kW		12.0		12.0	
SEER					5.61		4.35	
Annual energy consumption		kWh		749		966		
Heating (Average climate)		Energy label	A+		A			
		Pdesign	kW		12.7		7.6	
	SCOP			4.05 (2)		3.81 (2)		
Annual energy consumption	kWh		4,377		2,783			
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		3.75		3.21		3.21	
	COP		3.83		3.51		3.41	
	Annual energy consumption	kWh		1,600		1,870		1,600
Energy label	Cooling/Heating		A/A		A/B		A/B	
Nominal Power Input	Cooling / Heating	kW	3.2 / 3.53		3.74 / 3.85		3.74 / 3.82	
Dimensions	Height x Width x Depth	mm	300 x 1400 x 700		300 x 1400 x 700		450 x 1400 x 900	
Weight		kg	45		45		93	
Air Flow Rate	High / Low	m³/min	39 / 28		39 / 28		69 / 69	
External Static Pressure	High / Nom.	Pascals	200 / 50		200 / 50		250 / 250	
Sound Power	High	dBa	67		67		78	
Sound Pressure	High / Low	dBa	40 / 33		40 / 33		45 / 45	
Refrigerant	Type		R410A		R410A		R410A	
Power Supply			Separate 15amp required					
Controller			BRC1E52A wired		BRC1E52A wired		BRC1E52A wired	

Outdoor Unit			RZQG125LV1	RZQG125LY1	RZQSG125LV1	RZQSG125LY1	RZQ200C	RZQ250C
Dimensions	Height x Width x Depth	mm	1430 x 940 x 320		1430 x 940 x 320		1680 x 930 x 765	
Weight		kg	102		101		183	
Operation Range	Cooling Min~Max	°CDB	-15°C to +50°C		-5°C to +46°C		-5°C to +46°C	
	Heating Min~Max	°CWB	-20°C to +15.5°C		-15°C to +15.5°C		-15°C to +15°C	
Sound Power	High	dBa	67		67		78	
Sound Pressure	Nom.	dBa	51		51		57	
Refrigerant	Type		R410A		R410A		R410A	
Power Supply			1~ / 50Hz / 220-240v		3~ / 50Hz / 400v		3~ / 50Hz / 400v	
Piping Connections	Liquid (OD)/Gas	inches	3/8 / 5/8		3/8 / 5/8		3/8 / 7/8	
Piping Length (Maximum)		m	75		50		100	
Max Installation Height Difference		m	30		30		30	



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



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