



High static ducted units

Seasonal Smart and Seasonal Classic

FDQ / RZQG-RZQSG Seasonal Smart Seasonal Classic

Functionality to suit commercial environments

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.



RZQG125L8V1



BRC1E52A



FDQ-C/B



FDQ / RZQG-RZQSG

Features	Benefits
Up to 200Pa External Static Pressure (250Pa on Super Inverter)	Gives the ability to connect to much longer duct runs, to allow application in larger rooms
Selectable evaporating and condensing temperatures on Seasonal Smart	Improves energy efficiency of the 'out of the box' system by 20%, saving money on running costs
D3 connection as standard	Allows integration of split system into Daikin building management systems
R22 Replacement technology	Re-use of existing R22 and R407C piping possible, allowing only fan-coil and condensers to be replaced

Indoor Units			Single Phase	3 Phase	Single Phase	3 Phase	Super Inverter (3 phase)	
			FDQ125C	FDQ125C	FDQ125C	FDQ125C	FDQ200B	FDQ250B
Capacity	UK Total Cooling	kW	13.60	13.60	13.60	13.60	19.40	23.50
	UK Sensible Cooling	kW	9.30	9.30	9.30	9.30	16.30	20.70
	Nominal Cooling	kW	12.00	12.00	12.00	12.00	20.00	25.00
	Nominal Heating	kW	13.50	13.50	13.50	13.50	23.00	27.00
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A+	A	A	-	-
	Pdesign	kW	12.00	12.00	12.00	12.00	-	-
	SEER		5.81	5.81	5.20	5.20	-	-
	Annual Energy Consumption	kWh	722	722	807	807	-	-
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A	A	-	-
	Pdesign	kW	12.71	12.71	7.60	7.60	-	-
	SCOP		4.21	4.21	3.90	3.90	-	-
	Annual Energy Consumption	kWh	4226	4226	2728	2728	-	-
Nominal Efficiency	EER / COP		3.75 / 3.83	3.75 / 3.83	3.21 / 3.51	3.21 / 3.51	3.21 / 3.41	2.81 / 3.21
	Energy Label		A / A	A / A	A / B	A / B	A / B	C / C
	Annual Energy Consumption	kWh	1600	1600	1870	1600	3115	4290
Air Flow Rate	High / Low	m³/sec	0.65 / 0.47	0.65 / 0.47	0.65 / 0.47	0.65 / 0.47	1.15 / 1.15	1.48 / 1.48
External Static Pressure	High / Nominal	Pa	200 / 50	200 / 50	200 / 50	200 / 50	250 / 250	250 / 250
Dimensions	Height	mm	300	300	300	300	450	450
	Width	mm	1400	1400	1400	1400	1400	1400
	Depth	mm	700	700	700	700	900	900
Weight		kg	45	45	45	45	89	94
Sound Pressure	High / Low	dBA	40 / 33	40 / 33	40 / 33	40 / 33	45 / 45	47 / 47
Sound Power		dBA	66	66	66	66	81	82

Outdoor Units			RZQG125L9V1	RZQG125L8Y1	RZQSG125L9V1	RZQSG125L8Y1	RZQ200C	RZQ250C
Dimensions	Height x Width x Depth	mm	1430 x 940 x 320	1430 x 940 x 320	990 x 940 x 320	990 x 940 x 320	1680 x 930 x 765	1680 x 930 x 765
Weight		kg	102	101	81	82	183	184
Electrical Details	Power Supply		1ph - see notes	3ph - see notes	1ph - see notes	3ph - see notes	3ph - see notes	
	Running Current	A	14.80	4.89	17.30	5.72	4.61	6.35
	Starting Current	A	4	4	4	4	4	4
	Max Fuse Size	A	32	20	32	20	25	25
Interconnection Wiring	Core / Cable size		3+E / 1.5				3+E / 1.5	
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)				3/8 (9.5) / 7/8 (22.2) / 1/2 (12.7) / 7/8 (22.2)	
Pipework	Maximum Length	m	75	75	50	50	100	100
	Maximum Vertical Rise	m	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30
	Additional Charge	g/m	Refer to Installation Manual				Refer to Installation Manual	
	Holding Charge	kg	4.0	4.0	2.9	2.9	8.3	9.3
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	51 / 45	51 / 45	54 / 49	54 / 49	57 / -	57 / -
Sound Power		dBA	67	67	70	70	78	78
Air Flow Rate (Cooling)	High / Nom	m³/sec	1.17	1.17	1.28	1.28	2.85	2.85

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