

Large Capacity Concealed Ceiling Unit

FDQ-B / RZQ-D(B9W1) and FDQ-B / RZQ-C



The concealed ceiling units belong to the most aesthetically pleasing systems for your climate comfort. Only the suction and discharge grilles visible which provide optimum circulation of the conditioned air and even temperature distribution in large or subdivided areas.

- **RZQ Seasonal Inverter technology:** first light commercial range in the market optimised for Seasonal Efficiency. Takes account of multiple cooling/heating temperatures as well as unit operation at partial load instead of just full capacity. Will also consider the power consumed by equipment in auxiliary mode (thermostat off, standby mode, OFF mode).
- **Seasonal and Super Inverter technology:** reduces power consumption by up to 70% compared to non inverter units and ensures maximum comfort and reliability.
- **Application flexibility:** Comms, computer and server room cooling possible. Also suitable for use in R-22 replacement projects (RZQ125 outdoor unit only).
- **Wired remote controller:** provides a 7-day schedule timer, enabling the user to program the air conditioning daily or weekly, with up to 5 different actions per day possible (BRC1D52 standard / BRC1E51A optional).
- **BRC1E51A – New optional wired controller:** allows easy navigation through menu items, via a personalised display and minimal number of buttons.
- **Home Leave operation:** in case of extended absence, this function automatically keeps the room temperature at a specified favourite comfort level, by switching to heating when it reaches the minimum level and to cooling when it reaches the maximum level.
- **Air purification filter:** removes airborne dust particles to ensure a steady supply of clean air. It can easily be removed and washed.
- **Self diagnosis digital display:** in the unlikely event that an abnormality occurs, the LCD remote controller displays the error code allowing prompt maintenance.
- **Auto-restart function:** after a power failure in the building, the system automatically restarts to the setting in operation before the power failure.

Height	350mm
Width	1400mm
Depth	662mm



FDQ125B

Height	1345mm
Width	900mm
Depth	320mm



RZQ125D

See tables overleaf for full list of dimensions

**ENERGY LABEL:
UP TO CLASS
A**

HEAT PUMP

SEASONAL INVERTER

SUPER INVERTER

Indoor Units				FDQ125B		FDQ200B		FDQ250B			
Nominal Capacity	Cooling capacity	Standard	kW	12.5		20.0		24.1			
	Heating capacity	Standard	kW	14.0		23.0		26.4			
Nominal	EER / COP	Cooling / Heating		3.16 / 3.88		3.01 / 3.79		3.21 / 3.41			
	Annual energy consumption			1978		3115		4290			
	Energy Label	Cooling / Heating		B / A		A / B		C / C			
Seasonal (*)	SEER / SCOP	Cooling / Heating		3.50 / -		3.39 / -					
Dimensions	(Height x Width x Depth)		mm	350x1400x662		450x1400x900					
Weight			kg	59.0		93.0					
Air Flow Rate	Cooling	Medium	m ³ /min	43.0		69.0		89.0			
	Heating	Medium	m ³ /min	43.0		69.0		89.0			
Sound Power	Cooling	Medium	dBA	75.0		81.0		82.0			
Sound Pressure	Cooling	High	dBA	44.0		45.0		47.0			
	Heating	Low	dBA	44.0		45.0		47.0			
External Static Pressure	High	Pa	150		250						
Refrigerant			Type	R-410A							
Power Supply				1~/230V/50Hz							
Controller	Wired			BRC1D52 (standard) / BRC1E51A (optional)							
Outdoor Unit				RZQ125D9V1		RZQ125B9W1		RZQ200C		RZQ250C	
Dimensions	(Height x Width x Depth)		mm	1345x900x320		1680x930x765					
Weight			kg	108		106		183		184	
Sound pressure (standard)	Cooling			51		50		57			
	Heating			53		52		57			
Sound power level	Cooling			67		66		78			
Operation Range	Cooling	Min~Max	°CDB	-15.0~-50.0				-5.0~-46.0			
	Heating	Min~Max	°CWB	-20.0~-15.5				-15.0~-15.0			
Refrigerant			Type	R-410A							
Power Supply				(**)1~/220-240V/50Hz		(**)3N~/400V/50Hz		(**)3N~/380-415V/50Hz			
Piping connections	Liquid (OD)/Gas			9.52 / 15.9 / 26		9.5 / 22.2 / -		12.7 / 22.2 / -			
Piping Length (Maximum)			m	75		100					
Max Installation Height Difference			m			30					

(*) Seasonal efficiencies are calculated based on draft PrEn 14825: 2009 (under inquiry stage). Data are subject to change.
 (***) A separate 15 amp power supply to the indoor unit is required.



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www.daikin.co.uk

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