

FDQ-B / RZQ-D/B9W1

Concealed ceiling unit



BRC1E51A



FDQ-B



RZQ125D

- **Seasonal Inverter technology:** first light commercial range in the market optimized for Seasonal Efficiency. It takes account of multiple cooling and heating temperatures as well as unit operation at partial load instead of just full capacity. It will also consider the power consumed by equipment in auxiliary mode (thermostat off, standby mode, OFF mode)
- **BRC1E51A – new wired controller:** allows easy navigation through menu items, via a personalised display and minimal number of buttons. 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
- **Home leave operation:** in case of extended absence, this function helps to save energy and protects from frost. The 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

- **User access:** different levels of user access can be selected
- Ideal for use in larger areas
- Maximum external static pressure (ESP) of 150Pa
- Suitable for Twin, Triple and Double Twin applications
- Comms, computer and server room cooling possible with EDP setting (RZQ125 only)
- Re-use of existing R22 and R407C piping possible (see R22 Replacement leaflet)



HEAT PUMP				SEASONAL INVERTER	
Indoor Units				FDQ125B	
Nominal Capacity	Cooling capacity	Standard	kW	12.5	
	Heating capacity	Standard	kW	14.0	
Nominal	EER / COP	Cooling / Heating		3.16 / 3.88	3.01 / 3.79
	Annual energy consumption			1978 kWh	
	Energy Label	Cooling / Heating		B / A	
Dimensions	(Height x Width x Depth)		mm	350x1400x662	
Weight			kg	59.0	
Air Flow Rate	Cooling	Medium	m ³ /min	43.0	
	Heating	Medium	m ³ /min	43.0	
Sound Power	Cooling	Medium	dB(A)	75.0	
Sound Pressure	Cooling	High	dB(A)	44.0	
	Heating	Low	dB(A)	44.0	
External Static Pressure		High	Pa	150	
Refrigerant			Type	R-410A	
Power Supply				1~/230V/50Hz	
Controller	Wired			BRC1E51A	

Outdoor Unit			RZQ125D9V1	RZQ125B9W1
Dimensions	(Height x Width x Depth)		mm	1345x900x320
Weight			kg	108
Sound pressure (standard)	Cooling		dB(A)	51
	Heating		dB(A)	53
Sound power level			dB(A)	67
Operation Range	Cooling	Min~Max	°CDB	-15.0~50.0
	Heating	Min~Max	°CWB	-20.0~15.5
Refrigerant			Type	R-410A
Power Supply				(*)1~/220-240V/50Hz (*)3N~/400V/50Hz
Piping connections	Liquid (OD)/Gas		mm	9.52 / 15.9 / 26
Piping Length (Maximum)			m	75
Max Installation Height Difference			m	30

(*) A separate 15 amp power supply to the indoor unit is required.