



# FDQ-B / RZQS-D

## Concealed Ceiling Unit



BRC1D52



BRC1E51A



FDQ125B



RZQS125D

- **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 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

HEAT PUMP				COMFORT INVERTER	
<b>Indoor Units</b>				<b>FDQ125B</b>	
Nominal Capacity	Cooling capacity	Standard	kW	12.5	
	Heating capacity	Standard	kW	14.0	
Annual energy consumption			kWh	2225	
EER / COP	Cooling / Heating			2.81 / 3.43	
Energy Label	cooling / heating			C / B	
Dimensions	(Height x Width x Depth)		mm	350x1400x662	
Weight			kg	59.0	
Air Flow Rate	Cooling	Medium	m³/min	43.0	
	Heating	Medium	m³/min	43.0	
Sound Power	Cooling	Medium	dBA	75.0	
Sound Pressure	Cooling	High	dBA	44.0	
	Heating	Low	dBA	44.0	
Refrigerant			Type	R-410A	
Power Supply				1~/230V/50Hz	
Controller	Wired			BRC1D52 (standard) / BRC1E51A (optional)	
<b>Outdoor Unit</b>				<b>RZQS125DV1</b>	
Dimensions	(Height x Width x Depth)		mm	1170x900x320	
Weight			kg	103	
Sound pressure level	Cooling (Night quiet mode)		dBA	51 (49)	
	Heating		dBA	53	
Sound power level	Cooling		dBA	67	
Operation Range	Cooling	Min~Max	°CDB	-5~-46	
	Heating	Min~Max	°CWB	-15~-15.5	
Refrigerant			Type	R-410A	
Power Supply				1~/230V/50Hz	
Piping connections	Liquid (OD)/Gas		mm	9.52 / 15.9 / 26	
Piping Length (Maximum)			m	50	
Max Installation Height Difference			m	30	



Seasonal Inverter

INVERTER

# FDQ-B / RZQ-D/B9W1

## Concealed Ceiling Unit



BRC1D52



BRC1E51A



FDQ-B



RZQ125D

- **Seasonal Inverter Technology:** first Sky Air range in the market optimized for seasonal efficiency.
- **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 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			
<b>Indoor Units</b>				<b>FDQ125B</b>			
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		kWh	1978			
	Energy Label		Cooling / Heating	B / A			
Seasonal (*)	SEER / SCOP		Cooling / Heating	3.50 / -		3.39 / -	
Dimensions	(Height x Width x Depth)		mm	350x1400x662			
Weight				59.0			
Air Flow Rate	Cooling	Medium	m³/min	43.0			
	Heating	Medium	m³/min	43.0			
Sound Power	Cooling	Medium	dBA	75.0			
	Sound Pressure	Cooling	High	dBA	44.0		
Heating		Low	dBA	44.0			
External Static Pressure		High	Pa	150			
Refrigerant			Type	R-410A			
Power Supply				1~/230V/50Hz			
Controller		Wired		BRC1D52 (standard) / BRC1E51A (optional)			
<b>Outdoor Unit</b>				<b>RZQ125D9V1</b>		<b>RZQ125B9W1</b>	
Dimensions	(Height x Width x Depth)		mm	1345x900x320			
Weight				108	106		
Sound pressure (standard)	Cooling			51	50		
	Heating			53	52		
Sound power level	Cooling			67	66		
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			9.52 / 15.9 / 26			
Piping Length (Maximum)			m	75			
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.



# FDQ-B / RZQ-C

## Concealed Ceiling Unit



BRC1D52



BRC1E51A



FDQ-B



RZQ200,250C

- **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 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 250Pa
- Suitable for Twin, Triple and Double Twin applications
- Re-use of existing R22 and R407C piping possible. (See R22 Replacement leaflet)



HEAT PUMP				SUPER INVERTER		
Indoor Units				FDQ200B	FDQ250B	
Nominal Capacity	Cooling capacity	Standard	kW	20.0	24.1	
	Heating capacity	Standard	kW	23.0	26.4	
EER / COP	Cooling / Heating			3.21 / 3.41	2.81 / 3.21	
Annual energy consumption			kWh	3115	4290	
Energy Label	cooling / heating			A / B	C / C	
Dimensions	(Height x Width x Depth)		mm	450x1400x900	450x1400x900	
Weight			kg	93.0	93.0	
Air Flow Rate	Cooling	Medium	m <sup>3</sup> /min	69.0	89.0	
	Heating	Medium	m <sup>3</sup> /min	69.0	89.0	
Sound Power	Cooling	Medium	dBA	81.0	82.0	
Sound Pressure	Cooling	High	dBA	45.0	47.0	
	Heating	Low	dBA	45.0	47.0	
External Static Pressure		High	Pa	250		
Refrigerant			Type	R-410A		
Power Supply				1~/230V/50Hz		
Controller			Wired	BRC1D52 (standard) / BRC1E51A (optional)		
Outdoor Unit				RZQ200C	RZQ250C	
Dimensions	(Height x Width x Depth)		mm	1680x930x765	1680x930x765	
Weight			kg	183	184	
Sound pressure (standard)	Cooling		dBA	57		
	Heating		dBA	57		
Sound power level	Cooling		dBA	78		
Operation Range	Cooling	Min~Max	°CDB	-5.0~46.0		
	Heating	Min~Max	°CWB	-15.0~-15.0		
Refrigerant			Type	R-410A		
Power Supply				(*)3N~/380-415V/50Hz		
Piping connections	Liquid (OD)/Gas		mm	9.5 / 22,2 / -	12.7 / 22,2 / -	
Piping Length (Maximum)			m	100		
Max Installation Height Difference			m	30		

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