

# FBQ-C / RXS-J/F

Concealed ceiling unit



BRC1E51A



FBQ35, 50C



RXS35J

- **Inverter technology:** reduces the power consumption by up to 30% compared to non inverter units and ensures maximum comfort and reliability
- Reduction in power consumption thanks to **DC inverter fans**
- Improved comfort thanks to **3-step air flow control**
- Possibility to change ESP through wired remote control, allows optimisation of the supply air volume
- **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
- Quiet operation
- Maximum external static pressure (ESP) is 100Pa
- Optional discharge and suction duct flangers available
- Connection to multi outdoor possible
- Suitable for Twin, Triple and Double Twin applications
- Re-use of existing R22 and R407C piping possible (see R22 Replacement leaflet)



HEAT PUMP				INVERTER		
Indoor Units				FBQ35C	FBQ50C	FBQ60C
Capacity	Cooling capacity	Standard	kW	3.40	5.0	5.7
	Heating capacity	Standard	kW	4.0	6.0	7.0
EER / COP	Cooling / Heating			3.22 / 3.42	3.21 / 3.41	3.21 / 3.41
Annual energy consumption			kWh	528	776	888
Energy Label	cooling / heating			A / B		
Dimensions	(Height x Width x Depth)		mm	300x700x700		300x1000x700
Weight			kg	25		34
Air Flow Rate	Cooling	High/Low	m <sup>3</sup> /min	16 / 11		18 / 15
	Heating	High/Low	m <sup>3</sup> /min	16 / 11		18 / 15
Sound Power	Cooling	High	dBA	63		57
Sound Pressure	Cooling	High/Low	dBA	37 / 29		
	Heating	High/Low	dBA	37 / 29		
External Static Pressure	High/Medium/Low		Pa	70 / 30 / 30	100 / 30 / 30	
Refrigerant			Type	R-410A		
Power Supply				1~/230V/50Hz		
Decoration Panel	Model			BYBS45D		BYBS71D
	Colour			White		
	HxWxD		mm	55x800x500		55x1100x500
	Weight		kg	3.5		4.5
Controller	Wired			BRC1E51A		

Outdoor Unit				RXS35J	RXS50J	RXS60F
Dimensions	(Height x Width x Depth)		mm	550x765x285	735x825x300	735x825x300
Weight			kg	34	48	48
Operation Range	Cooling	Min~Max	°CDB	-10~46	-10~46	-10~46
	Heating	Min~Max	°CWB	-15~18	-15~18	-15~18
Sound Power	Cooling		dBA	63	63	63
Sound Pressure (Low)	Cooling		dBA	44	44	46
	Heating		dBA	45	45	46
Sound Pressure (High)	Cooling		dBA	48	48	49
	Heating		dBA	48	48	49
Refrigerant			Type	R-410A		
Power Supply				1~(*)/220-240V/50Hz		1~/220-240V/50Hz
Piping connections	Liquid (OD)/Gas		mm	6.35/9.52		6.35/12.7
Piping Length (Maximum)			m	20		30
Max Installation Height Difference			m	15		20

(\*) A separate 1ph 5 amp power supply to the indoor unit is required.