

Concealed Ceiling Unit

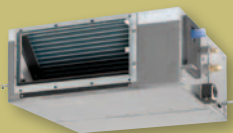
FBQ-C / RK(X)S-G/F



The concealed ceiling units belong to the most aesthetically pleasing systems for your climate comfort. The new inverter fan ducted units, provides both drastic energy savings and simplifies installation thanks to the ability to automatically adjust the air volume against the external static pressure.

- **Inverter technology:** reduces the power consumption by up to 30% compared to non inverter units and ensures maximum comfort, low noise and reliability.
- **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.
- **Fan speed:** 3 fan speeds can be selected.
- **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	300mm
Width	700mm
Depth	700mm



FBQ35C

Height	550mm
Width	765mm
Depth	285mm



RXS35G

See tables overleaf for full list of dimensions

**ENERGY LABEL:
UP TO CLASS
A**

COOLING ONLY

INVERTER

Indoor Units				FBQ35C	FBQ50C	FBQ60C
Capacity	Cooling capacity	Standard	kW	3.40	5.0	5.7
EER	Nominal			3.21	3.03	3.21
Annual energy consumption			kWh	528	825	888
Energy Label	cooling			A	B	A
Dimensions	(Height x Width x Depth)		mm	300x700x700		300x1000x700
Weight			kg	25		34
Air Flow Rate	Cooling	High/Low	m ³ /min	16 / 11		18 / 15
Sound Power	Cooling	High	dB(A)	63		57
Sound Pressure	Cooling	High/Low	dB(A)	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		BRC1D52 (standard) / BRC1E51A (optional)		
Outdoor Unit				RKS35G	RKS50G	RKS60F
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
Sound Power	Cooling		dB(A)	62	61	63
Sound Pressure (Low)	Cooling		dB(A)	44	44	46
Sound Pressure (High)	Cooling		dB(A)	48	48	49
Refrigerant			Type	R-410A		
Power Supply				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

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			3.21 / 3.51	3.03 / 3.42	3.21 / 3.41
Annual energy consumption			kWh	528	825	888
Energy Label	cooling / heating			A / B	B / B	A / B
Dimensions	(Height x Width x Depth)		mm	300x700x700		300x1000x700
Weight			kg	25		34
Air Flow Rate	Cooling	High/Low	m ³ /min	16 / 11		18 / 15
	Heating	High/Low	m ³ /min	16 / 11		18 / 15
Sound Power	Cooling	High	dB(A)	63		57
Sound Pressure	Cooling	High/Low	dB(A)	37 / 29		
	Heating	High/Low	dB(A)	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		BRC1D52 (standard) / BRC1E51A (optional)		
Outdoor Unit				RXS35G	RXS50G	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~-20	-15~-20	-15~-18
Sound Power	Cooling		dB(A)	63	61	63
Sound Pressure (Low)	Cooling		dB(A)	44	44	46
	Heating		dB(A)	45	45	46
Sound Pressure (High)	Cooling		dB(A)	48	48	49
	Heating		dB(A)	48	48	49
Refrigerant			Type	R-410A		
Power Supply				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 (for class 35 only).

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