

FHQ-B / RXS-J/F

Ceiling suspended unit



BRC1E51A



BRC7E63



FHQ35, 50B



RXS35J

- **Inverter technology:** reduces the power consumption by up to 30% compared to non inverter units and ensures maximum comfort and reliability
- **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 solution for shops, restaurants or offices without false ceilings
- Easy installation and maintenance
- Auto-swing function ensures efficient air and temperature distribution
- Air flow distribution for ceiling heights up to 3.8m without loss of capacity
- 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				FHQ35B		FHQ50B		FHQ60B	
Capacity	Cooling capacity	Minimum	kW	1.4	1.7	1.7	5.7	6.0	
		Standard	kW	3.4	5.0	5.7	6.0	6.0	
		Maximum	kW	3.7	5.6	6.0	6.0	6.0	
	Heating capacity	Minimum	kW	1.2	1.7	1.7	7.2	8.0	
		Standard	kW	4.0	6.0	7.2	7.2	7.2	
		Maximum	kW	5.0	7.0	8.0	8.0	8.0	
EER / COP	Cooling / Heating		3.24 / 3.60		2.73 / 2.93		2.65 / 2.89		
Annual energy consumption			525 kWh		915 kWh		1075 kWh		
Energy Label	cooling / heating		A / A		D / D		D / D		
Dimensions	(Height x Width x Depth)		195x960x680 mm		195x960x680 mm		195x1160x680 mm		
Weight			24.0 kg		25.0 kg		27.0 kg		
Air Flow Rate	Cooling	High/Low	m ³ /min	13.0 / 10.0	13.0 / 10.0	13.0 / 10.0	17.0 / 13.0	17.0 / 13.0	
	Heating	High/Low	m ³ /min	13.0 / 10.0	13.0 / 10.0	13.0 / 10.0	16.0 / 13.0	16.0 / 13.0	
Sound Power	Cooling	High/Low	dBA	53.0 / 48.0	54.0 / 49.0	54.0 / 49.0	55.0 / 49.0	55.0 / 49.0	
	Heating	High/Low	dBA	53.0 / 48.0	54.0 / 49.0	54.0 / 49.0	-	-	
Sound Pressure	Cooling	High/Low	dBA	37.0 / 32.0	38.0 / 33.0	38.0 / 33.0	39.0 / 33.0	39.0 / 33.0	
	Heating	High/Low	dBA	37.0 / 32.0	38.0 / 33.0	38.0 / 33.0	39.0 / 33.0	39.0 / 33.0	
Refrigerant			Type R-410A		Type R-410A		Type R-410A		
Power Supply			1~/220-240V/50Hz		1~/220-240V/50Hz		1~/220-240V/50Hz		
Controller	Wired/Wireless		BRC1E51A (standard) / BRC7E63 (optional)						

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		R-410A		R-410A	
Power Supply			1~/220-240V/50Hz		1~/220-240V/50Hz		1~/220-240V/50Hz		1~/220-240V/50Hz	
Piping connections	Liquid (OD)/Gas	mm		6.35 / 9.52		6.35 / 12.7		6.35/12.7		
Piping Length (Maximum)			m		20		30		30	
Max Installation Height Difference			m		15		20		20	