



FHQ-B / RZQS-D

Ceiling suspended unit



BRC1E51A



BRC7E63



FHQ71B



RZQS100,125D

- **Comfort 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				COMFORT INVERTER			
Indoor Units				FHQ71B	FHQ100B	FHQ125B	
Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.5	
	Heating capacity	Standard	kW	8.0	11.2	14.0	
EER / COP	Cooling / Heating			2.83 / 2.91	2.81 / 2.91	2.75 / 2.88	
Annual energy consumption			kWh	1254	1779	2273	
Energy Label	cooling / heating			C / D		D / D	
Dimensions	(Height x Width x Depth)		mm	195x1160x680	195x1400x680	195x1590x680	
Weight			kg	27.0	32.0	35.0	
Air Flow Rate	Cooling	High/Low	m ³ /min	17.0 / 14.0	24.0 / 20.0	30.0 / 25.0	
	Heating	High/Low	m ³ /min	17.0 / 14.0	24.0 / 20.0	30.0 / 25.0	
Sound Power	Cooling	High/Low	dBA	55.0 / 51.0	58.0 / 53.0	60.0 / 55.0	
	Heating	High/Low	dBA	55.0 / 51.0	58.0 / 53.0	60.0 / 55.0	
Sound Pressure	Cooling	High/Low	dBA	39.0 / 35.0	42.0 / 37.0	44.0 / 39.0	
	Heating	High/Low	dBA	39.0 / 35.0	42.0 / 37.0	44.0 / 39.0	
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			
Controller	Wired/Wireless			BRC1E51A (standard) / BRC7E63 (optional)			

Outdoor Unit				RZQS71DV1	RZQS100DV1	RZQS125DV1	
Dimensions	(Height x Width x Depth)		mm	770x900x320	1170x900x320		
Weight			kg	68	103		
Operation Range	Cooling	Min~Max	°CDB	-5~46			
	Heating	Min~Max	°CWB	-15~15.5			
Sound Power	Cooling		dBA	65	67		
Sound Pressure (Standard)	Cooling		dBA	49	51		
	Heating		dBA	51	55	53	
Sound Level (Night quiet)	Sound Pressure		dBA	47	49		
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26			
Piping Length (Maximum)			m	30	50		
Max. interunit level difference			m	0.5			
Max Installation Height Difference			m	15	30		