



FHQG-C / RZQG-L

Seasonal ceiling suspended



BRC1E51A



FHQG71C



RZQG71L

While Eco-Design Directive is scheduled to come into force no earlier than 2013, Daikin is already integrating the Eco-Design principle in its light commercial range RZQ Seasonal Inverter. Daikin also integrates the 2015 Eco-Design requirements by introducing the new Top Seasonal Inverter RZQG-L series, ensuring an increase in seasonal efficiency even compared to the RZQ Seasonal Inverter.

- **Seasonal Inverter technology:** first light commercial range in the market optimized for Seasonal Efficiency. It takes account of multiple cooling and heating temperatures as well as unit operation at partial load instead of just full capacity. It will also consider the power consumed by equipment in auxiliary mode (thermostat off, standby mode, OFF mode)

- **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
- Ideal solution for shops, restaurants or offices without false ceilings
- New design and new vertical louvres allows longer or wider air flow pattern
- The unit can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- Re-use of existing R22 and R407C piping possible (see R22 Replacement leaflet)



HEAT PUMP				SEASONAL INVERTER			
Indoor Units				FHQG71C	FHQG100C	FHQG125C	FHQG140C
Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.0	14.0
	Heating capacity	Standard	kW	8.0	11.2	14.0	16.0
EER / COP	Cooling / Heating			3.64 / 3.90	3.83 / 4.19	3.36 / TBC	3.01 / 3.62
Annual energy consumption			kWh	975	1305	1785	2325
Energy Label	cooling / heating			A / A		A/TBC	B / A
Dimensions	(Height x Width x Depth)		mm	235x1270x690		235x1590x690	
Weight			kg	32.0	38.0		
Air Flow Rate	Cooling	High/Low	m ³ /min	20.5 / 14.0	28.0 / 20.0	31.0 / 23.0	34.0 / 24.0
	Heating	High/Low	m ³ /min	20.5 / 14.0	28.0 / 20.0	31.0 / 23.0	34.0 / 24.0
Sound Power	Cooling	High	dBA	55.0	60.0	62.0	64.0
Sound Pressure	Cooling	High	dBA	38.0	42.0	44.0	46.0
	Heating	High	dBA	38.0	42.0	44.0	46.0
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V;220V/50Hz			
Controller			Wired	BRC1E51A			

Outdoor Unit				RZQG71L	RZQG100L	RZQG125L	RZQG140L
Dimensions	(Height x Width x Depth)		mm	990x940x320		1430x940x320	
Weight			kg	77	99		
Operation Range	Cooling	Min~Max	°CDB	-15~50			
	Heating	Min~Max	°CWB	-20~15.5			
Sound Power	Cooling		dBA	64	66	67	68
Sound Pressure (Standard)	Cooling		dBA	48	50	51	51
	Heating		dBA	50	52	53	53
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	50	75		
Max installation height difference			m	30	30		