



FCQG-E / RZQG-L

Seasonal round flow cassette



BRC1E51A



FCQG100E



RZQG100L

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)
- **360° air discharge:** ensures uniform air flow and temperature distribution
- **Air discharge from the corners:** avoids dead zones that may be subject to temperature differences
- Comfortable horizontal air discharge ensures draught free operation and prevents ceiling soiling

- **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
- **Branch duct connection:** the air discharge grilles can be installed separately from the indoor unit for use in long and 'L' or 'U' shaped rooms. A flexible duct system connects the grilles to the indoor unit and guarantees a pleasant climate, even in irregularly shaped areas
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- 23 different air flow patterns possible
- Re-use of existing R22 and R407C piping possible (see R22 Replacement leaflet)



HEAT PUMP				SEASONAL INVERTER			
Indoor Units				FCQG71E	FCQG100E	FCQG125E	FCQG140E
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		3.84 / 4.71	4.05 / 4.71	3.60 / TBC	3.21 / 4.01
Annual energy consumption			kWh	925	1235	1665	2180
Energy Label	cooling / heating			A / A		A/TBC	A / A
Dimensions	(Height x Width x Depth)		mm	288x840x840		288x840x840	
Weight			kg	25		25	
Air Flow Rate	Cooling	High/Low	m³/min	21.5 / 12.5	32.0 / 19.0	33.0 / 21.0	33.0 / 21.0
	Heating	High/Low	m³/min	21.5 / 12.5	32.0 / 19.0	33.0 / 21.0	33.0 / 21.0
Sound Power	Cooling	High	dBA	53			
Sound Pressure	Cooling	High/Low	dBA	36 / 29	44 / 33	45 / 35	45 / 37
	Heating	High/Low	dBA	36 / 28	44 / 33	45 / 35	45 / 37
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/220V/50Hz			
Decoration Panel	Model			BYCP125B-W1			
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	75			
Max installation height difference			m	30			