

Ceiling Suspended Unit

Seasonal Inverter

FHQ-B / RZQ-D(B9W1)



BRC1D52
Wired remote
control (standard)



BRC1E51A
Wired remote
control (optional)



Wireless remote
control (optional)



Ceiling suspended units are the ideal solution for rooms without false ceilings. These indoor units are perfect for uniform air distribution in large spaces because of their long air flow. Suitable for ceiling heights of up to 3.8m without loss of capacity.

- **RZQ Seasonal Inverter technology:** first light commercial range in the market optimised for Seasonal Efficiency. Takes account of multiple cooling/heating temperatures as well as unit operation at partial load instead of just full capacity. Will also consider the power consumed by equipment in auxiliary mode (thermostat off, standby mode, OFF mode).
- **Application flexibility:** Comms, computer and server room cooling possible. Also suitable for use in R-22 replacement projects.
- **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.
- **Dry programme:** Daikin's special dry programme reduces humidity in the rooms without variations in internal temperature.
- **Forced off:** The optional forced off enables the unit to switch off automatically, for example when a window is opened.
- **Air purification filter:** removes airborne dust particles to ensure a steady supply of clean air.
- **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	195mm
Width	1160mm
Depth	680mm



FHQ71B

Height	770mm
Width	900mm
Depth	320mm



RZQ71D

See tables overleaf for full list of dimensions

ENERGY LABEL:
UP TO CLASS
B

HEAT PUMP

SEASONAL INVERTER

Indoor Units				FHQ71B	FHQ100B	FHQ125B		
Nominal Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.5		
	Heating capacity	Standard	kW	8.0	11.2	14.0		
Nominal	EER / COP	Cooling / Heating		3.03 / 3.10	3.18 / 3.27	3.17 / 3.11		
	Annual energy consumption		kWh	1172	1572	2119		
	Energy Label	Cooling / Heating		B / D	B / C	C / D		
Seasonal (*)	SEER / SCOP	Cooling / Heating		3.47 / -	3.06 / -	3.31 / -		
Dimensions	(Height x Width x Depth)		mm	195x1160x680	195x1400x680	195x1590x680		
Weight			kg	27.0	32.0	35.0		
Air Flow Rate	Cooling	High/Low	m³/min	17.0 / 14.0	24.0 / 20.0	30.0 / 25.0		
	Heating	High/Low	m³/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		
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		BRC1D52 (standard) / BRC7E63 (optional) BRC1E51A (optional)				
Outdoor Unit				RZQ71D3V1	RZQ100D9V1	RZQ100B9W1	RZQ125D9V1	RZQ125B9W1
Dimensions	(Height x Width x Depth)		mm	770x900x320	1345x900x320	1345x900x320	1345x900x320	1345x900x320
Weight			kg	67	108	106	108	106
Sound pressure level	Cooling (Night quiet mode)		dBA	48 (43)	50 (45)	50 (45)	51 (45)	50 (45)
	Heating		dBA	50	52	52	53	52
Sound power level	Cooling		dBA	64	65	65	67	66
Operation Range	Cooling	Min~Max	°CDB	-15.0~-50.0				
	Heating	Min~Max	°CWB	-20.0~-15.5				
Refrigerant			Type	R-410A				
Power Supply				1~/230V/50Hz	1~/230V/50Hz	3N~/400V/50Hz	1~/230V/50Hz	3N~/400V/50Hz
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26				
Piping Length (Maximum)			m	50	75			
Max. interunit level difference			m	0.5				
Max Installation Height Difference			m	30				

(*) Seasonal efficiencies are calculated based on draft PrEn 14825: 2009 (under inquiry stage). Data are subject to change.

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Daikin units comply with the European regulations that guarantee the safety of the product.

Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FCU); the certified data of certified models are listed in the Eurovent Directory. Multi units are Eurovent certified for combinations up to 2 indoor units.