

Wall Mounted Unit

FAQ / RZQ-D(B9W1)



These popular indoor units can be mounted on virtually any type of wall, leaving space free for furniture, decoration and fittings. Wall mounted units are very quiet in operation. An automatic air flow director ensures uniform air flow and temperature distribution by moving the air discharge horizontally and/or vertically.

Height	290mm
Width	1050mm
Depth	230mm



FAQ71B

Height	770mm
Width	900mm
Depth	320mm



RZQ71D

See tables overleaf for full list of dimensions

- **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.
- **Air purification filter:** removes airborne dust particles to ensure a steady supply of clean air. It can easily be removed and washed.
- **Fan speed:** 2 fan speeds can be selected, high or low.
- **Easy clean:** Horizontal flaps and front panel can easily be removed and cleaned.
- **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.

**ENERGY LABEL:
UP TO CLASS
A**

HEAT PUMP

SEASONAL INVERTER

Indoor Units				FAQ71B		FAQ100B	
Capacity	Cooling capacity	Standard	kW	7.1		10	
	Heating capacity	Standard	kW	8.0		11.2	
Nominal	EER / COP	Cooling / Heating		3.11 / 3.43		3.04 / 3.49	
	Annual energy consumption	kWh		1141		1645	
	Energy Label	Cooling / Heating		B / B		A / C	
Seasonal (*)	SEER / SCOP	Cooling / Heating		3.48 / -		2.94 / -	
Dimensions	(Height x Width x Depth)		mm	290x1050x230		360x1570x200	
Weight			kg	13.0		26.0	
Air Flow Rate	Cooling	High/Low	m ³ /min	19.0 / 15.0		23.0 / 19.0	
	Heating	High/Low	m ³ /min	19.0 / 15.0		23.0 / 19.0	
Sound Power	Cooling	High/Low	dBA	59.0 / 53.0		61.0 / 57.0	
	Heating	High/Low	dBA	59.0 / 53.0		61.0 / 57.0	
Sound Pressure	Cooling	High/Low	dBA	43.0 / 37.0		45.0 / 41.0	
	Heating	High/Low	dBA	43.0 / 37.0		45.0 / 41.0	
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			
Controller	Wired/Wireless			BRC1D52 (Standard) / BRC1E51A (Optional) / BRC7E618 (Optional)		BRC1D52 (Standard) / BRC1E51A (Optional) / BRC7C510 (Optional)	
Outdoor Unit				RZQ71D3V1		RZQ100D9V1	
Dimensions	(Height x Width x Depth)		mm	770x900x320		1345x900x320	
Weight			kg	67		108	
Operation Range	Cooling	Min~Max	°CDB	-15.0~50.0			
	Heating	Min~Max	°CWB	-20.0~15.5			
Sound Power	Cooling		dBA	64		65	
Sound Pressure (Standard)	Cooling		dBA	48		50	
	Heating		dBA	50		52	
Sound Level (Night quiet)	Sound Pressure		dBA	43		45	
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz		3N~/400V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain		mm	9.52 / 15.9 / 26			
Piping Length (Maximum)			m	50		75	
Max. internunit 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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