



## **Large Capacity Concealed Ceiling Unit**

Seasonal Inverter FDQ-B / RZQ-D(B9W1)



FDQ-B / RZQ-C





350mm Height Width 1400mm Depth 662mm



FDO125B

Height 1345mm Width 900mm Depth 320mm



See tables overleaf for full list of dimensions

The concealed ceiling units belong to the most aesthetically pleasing systems for your climate comfort. Only the suction and discharge grilles visible which provide optimum circulation of the conditioned air and even temperature distribution in large or subdivided areas.

- 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).
- · Seasonal and Super Inverter technology: reduces power consumption by up to 70% compared to non inverter units and ensures maximum comfort and reliability.
- Application flexibility: Comms, computer and server room cooling possible. Also suitable for use in R-22 replacement projects (RZQ125 outdoor unit only).
- 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.
- Air purification filter: removes airborne dust particles to ensure a steady supply of clean air. It can easily be removed and washed.
- 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.

			FDQ125B		FDQ200B	FDQ250B	
Cooling capacity	Standard	kW	12.5		20.0	24.1	
Heating capacity	Standard	kW	14.0		23.0	26.4	
EER / COP	Cooling / Heating		3.16 / 3.88	3.01 / 3.79	3.21 / 3.41	2.81 / 3.21	
Annual energy consumption		kWh	1978		3115	4290	
Energy Label	Cooling / Heating		B/A		A/B	C/C	
SEER / SCOP	Cooling / Heating		3.50 / - 3.39 / -				
(Height x Width x De	oth) mm		350x1400x662		450x1400x900		
Weight kg			59.0		93.0		
Cooling	Medium	m³/min	43.0		69.0	89.0	
Heating	Medium	m³/min	43.0		69.0	89.0	
Cooling	Medium	dBA	75.0		81.0	82.0	
Cooling	High	dBA	44.0		45.0	47.0	
Heating	Low	dBA	44.0		45.0	47.0	
External Static Pressure High Pa		Pa	150		250		
Refrigerant Type			R-410A				
Power Supply			1~/230V/50Hz				
Controller Wired		BRC1D52 (standard) / BRC1E51A (optional)					
	Heating capacity  EER / COP  Annual energy const Energy Label  SEER / SCOP  (Height x Width x De  Cooling  Heating  Cooling  Heating  Cooling  Heating	Heating capacity Standard  EER / COP Cooling / Heating  Annual energy consumption  Energy Label Cooling / Heating  SEER / SCOP Cooling / Heating  (Height x Width x Depth)  Cooling Medium  Heating Medium  Cooling Medium  Cooling High  Heating Low  ure High	Heating capacity  EER / COP  Cooling / Heating  Annual energy consumption  EER / SCOP  Cooling / Heating  SEER / SCOP  Cooling / Heating  SEER / SCOP  (Height x Width x Depth)  Cooling  Medium  Heating  Medium  Medium  Medium  Cooling  Medium  Me	Cooling capacity   Standard   kW   12.5     Heating capacity   Standard   kW   14.1     EER / COP   Cooling / Heating   3.16 / 3.88	Cooling capacity   Standard   kW   12.5     Heating capacity   Standard   kW   14.0     EER / COP   Cooling / Heating   3.16 / 3.88   3.01 / 3.79     Annual energy consumption   kWh   1978     Energy Label   Cooling / Heating   B / A     SEER / SCOP   Cooling / Heating   3.50 /	Cooling capacity   Standard   kW   12.5   20.0     Heating capacity   Standard   kW   14.0   23.0     EER / COP   Cooling / Heating   3.16 / 3.88   3.01 / 3.79   3.21 / 3.41     Annual energy consumption   kWh   1978   3115     Energy Label   Cooling / Heating   B / A   A / B     SEER / SCOP   Cooling / Heating   3.50 /	

Outdoor Unit				RZQ125D9V1	RZQ125B9W1	RZQ200C	RZQ250C
Dimensions	(Height x Width x Depth) m		mm	1345x900x320		1680x930x765	
Weight kg			kg	108	106	183	184
Sound pressure	Cooling		dBA	51	50	57	
(standard)	Heating		dBA	53	52	57	
Sound power level	Cooling		dBA	67	66	78	
Operation Range	on Range Cooling Min~Max		°CDB	-15.0~50.0		-5.0~46.0	
	Heating Min~Max		°CWB	-20.0~15.5		-15.0~15.0	
Refrigerant Type			R-410A				
Power Supply			(**)1~/220-240V/50Hz	(**)3N~/400V/50Hz	(**)3N~/380-415V/50Hz		
Piping connections Liquid (OD)/Gas mm			mm	9.52 / 15.9 / 26		9.5 / 22,2 / -	12.7 / 22,2 / -
Piping Length (Maximum) m		m	75		100		
Max Installation Height Difference m		m	30				

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



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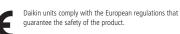
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<sup>(\*\*)</sup> A separate 15 amp power supply to the indoor unit is required.