



FCQH-D8 / RZQS-D

High Efficiency Round Flow Cassette



BRC1D52



BRC1E51A



BRC7F532F



FCQH100,125,140D8



RZQS100,125,140D

- **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 helps to save energy and protects from frost. The 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.
- **User Access:** different levels of user access can be selected.
- Selfcleaning Panel (accessory) – The round filter in the panel automatically cleans itself once per day. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance. Energy saving up to 30%.
- D3 Net connection as standard
- High efficiency
- Modern style decoration panel in pure white with grey louvres. Also available in white with white louvres
- 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
- 23 different air flow patterns possible
- Fresh air intake: standard knockout and optional kit
- Suitable for Twin, Triple and Double Twin applications

HEAT PUMP				COMFORT INVERTER			
Indoor Units				FCQH71D8	FCQH100D8	FCQH125D8	FCQH140D8
Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.5	14.0
	Heating capacity	Standard	kW	8.0	11.2	14.0	16.0
EER / COP	Cooling / Heating			3.3 / 3.7	3.45 / 3.80	3.22 / 3.69	3.01 / 3.41
Annual energy consumption			kWh	1,076	1449	1940	2326
Energy Label	cooling / heating			A / A			B / B
Dimensions	(Height x Width x Depth)		mm	246x840x840		288x840x840	
Weight			kg	23	25		
Air Flow Rate	Cooling	High/Low	m ³ /min	21.9 / 12.1	34.2 / 17.6	34.2 / 21.2	34.2 / 23.8
	Heating	High/Low	m ³ /min	21.9 / 12.1	34.2 / 17.6	34.2 / 21.3	34.2 / 23.9
Sound Power	Cooling	High	dBA	54	62		
Sound Pressure	Cooling	High/Low	dBA	36 / 28	45 / 32	45 / 36	45 / 38
	Heating	High/Low	dBA	36 / 28	45 / 32	45 / 36	45 / 38
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V;220V/50Hz;60Hz			
Decoration Panel	Model			BYCQ140CW1 ¹ / BYCQ140CW1W ² / BYCQ140CGW1 ³			
	Colour			Pure white (RAL 9010)			
	HxWxD	mm		50x950x950 / 50x950x950 / 130x950x950			
	Weight	kg		5.5 / 5.5 / 11.5			
Controller	Wired/Wireless			BRC1D52 (standard) / BRC7F532F (optional) BRC1E51A (optional)			

Outdoor Unit				RZQS71DV1	RZQS100DV1	RZQS125DV1	RZQS140DV1
Dimensions	(Height x Width x Depth)		mm	770x900x320		1170x900x320	
Weight			kg	68	103		
Operation Range	Cooling	Min~Max	°CDB	-5~-46			
	Heating	Min~Max	°CWB	-15~-15.5			
Sound Power	Cooling		dBA	65	67	68	
Sound Pressure (Standard)	Cooling		dBA	49	51	52	
	Heating		dBA	51	55	53	54
Sound Level (Night quiet)	Sound Pressure		dBA	47	49	50	
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	30	50		
Max. internment level difference			m	0.5			
Max installation height difference			m	15	30		

¹ Pure white standard panel with grey louvres; ² Pure white standard panel with white louvres; ³ Pure white auto cleaning panel



Seasonal Inverter



FCQH-D8 / RZQ-D/B9W1

High Efficiency Round Flow Cassette



BRC1D52



BRC1E51A



BRC7F532F



FCQH100,125,140D8



RZQ100,125,140D

- **Seasonal Inverter Technology:** first Sky Air range in the market optimized for seasonal efficiency.
- **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 helps to save energy and protects from frost.
- **User Access:** different levels of user access can be selected.
- **Selfcleaning Panel (accessory)** – The round filter in the panel automatically cleans itself once per day. Energy saving up to 30%.
- D3 Net connection as standard
- High efficiency
- Modern style decoration panel in pure white
- 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
- 23 different air flow patterns possible
- Fresh air intake: standard knockout and optional kit
- Communications, computer and server room cooling possible with EDP setting.
- Re-use of existing R22 and R407C piping possible. (See R22 Replacement leaflet)
- Suitable for Twin, Triple and Double Twin applications



HEAT PUMP				SEASONAL INVERTER							
Indoor Units				FCQH71D8	FCQH100D8		FCQH125D8		FCQH140D8		
Capacity	Cooling capacity	Standard	kW	7.1	10.0		12.5		14.0		
	Heating capacity	Standard	kW	8.0	11.2		14.0		16.0		
Nominal	EER / COP	Cooling / Heating		3.78 / 4.16	4.00 / 4.53	4.10 / 4.38	3.59 / 4.05	3.53 / 3.90	3.21 / 3.73	3.01 / 3.54	
	Annual energy consumption		kWh	940	1250	1220	1740	1770	2180	2325	
Seasonal (*)	Energy Label	Cooling / Heating		A / A						B / B	
	SEER / SCOP	Cooling / Heating		4.04 / -	3.71 / -	3.8 / -	3.92 / -	3.88 / -	3.62 / -	3.43 / -	
Dimensions	(Height x Width x Depth)		mm	246x840x840	288x840x840						
Weight			kg	23	25						
Air Flow Rate	Cooling	High/Low	m ³ /min	21.9 / 12.1	34.2 / 17.6		34.2 / 21.2		34.2 / 23.8		
	Heating	High/Low	m ³ /min	21.9 / 12.1	34.2 / 17.6		34.2 / 21.3		34.2 / 23.9		
Sound Power	Cooling	High	dBA	54	62						
	Heating	High/Low	dBA	36 / 28	45 / 32		45 / 36		45 / 38		
Sound Pressure	Cooling	High/Low	dBA	36 / 28	45 / 32		45 / 36		45 / 38		
	Heating	High/Low	dBA	36 / 28	45 / 32		45 / 36		45 / 38		
Refrigerant			Type	R-410A							
Power Supply				1~/220-240V;220V/50Hz;60Hz							
Decoration Panel	Model			BYCQ140CW1 ¹ / BYCQ140CW1W ² / BYCQ140CGW1 ³							
	Colour			Pure white (RAL 9010)							
	HxWxD		mm	50x950x950 / 50x950x950 / 130x950x950							
	Weight		kg	5.5 / 5.5 / 11.5							
Controller		Wired/Wireless		BRC1D52 (standard) / BRC7F532F (optional) BRC1E51A (optional)							
Outdoor Unit				RZQ1D3V1	RZQ100D9V1	RZQ100B9W1	RZQ125D9V1	RZQ125B9W1	RZQ140D9V1	RZQ140B9W1	
Dimensions	(Height x Width x Depth)		mm	770x900x320	1345x900x320		1345x900x320		1345x900x320		
Weight			kg	67	108	106	108	106	108	106	
Operation Range	Cooling	Min~Max	°CDB	-15.0~-50.0							
	Heating	Min~Max	°CWB	-20.0~-15.5							
Sound Power	Cooling		dBA	64	65		67	66	68	66	
Sound Pressure (Standard)	Cooling		dBA	48	50		51	50	51	50	
	Heating		dBA	50	52		53	52	53	52	
Sound Level (Night quiet)	Sound Pressure		dBA	43			45		46	45	
Refrigerant			Type	R-410A							
Power Supply				1~/220-240V/50Hz	1~/220-240V/50Hz	3N~/400V/50Hz	1~/220-240V/50Hz	3N~/400V/50Hz	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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