



# FCQ-C8 / RXS-G/F

## Low Height Round Flow Cassette



BRC1D52



BRC1E51A



BRC7F532F



FCQ-C8



RXS35G

- **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
- 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 draughtfree operation and prevents ceiling soiling
- 23 different air flow patterns possible
- Reduced installation height: 214mm for class 35-50
- Fresh air intake: standard knockout and optional kit
- Connection to multi outdoor possible
- Suitable for Twin, Triple and Double Twin applications

HEAT PUMP				INVERTER			
Indoor Units				FCQ35C8	FCQ50C8	FCQ60C8	
Capacity	Cooling capacity	Standard	kW	3.4	5.0	5.7	
	Heating capacity	Standard	kW	4.2	6.0	7.0	
EER / COP	Cooling / Heating			3.58 / 3.41	3.55 / 3.70	3.48 / 3.52	
	Annual energy consumption		kWh	475	705	820	
Energy Label	cooling / heating			A / B	A / A	A / B	
Dimensions	(Height x Width x Depth)		mm	204x840x840	204x840x840	204x840x840	
Weight			kg	19	19	19	
Air Flow Rate	Cooling	High/Low	m³/min	10.5 / 8.5	12.5 / 8.5	13.5 / 8.5	
	Heating	High/Low	m³/min	12.5 / 10.0	12.5 / 8.5	13.5 / 8.5	
Sound Power	Cooling	High	dB(A)	49	49	51	
Sound Pressure	Cooling	High/Low	dB(A)	31 / 27	31 / 27	33 / 28	
	Heating	High/Low	dB(A)	31 / 27	31 / 27	33 / 28	
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50/60Hz			
Decoration Panel	Model			BYCQ140CW1 <sup>1</sup> / BYCQ140CW1W <sup>2</sup> / BYCQ140CGW1 <sup>3</sup>			
	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				RXS35G	RXS50G	RXS60F	
Dimensions	(Height x Width x Depth)		mm	550x765x285	735x825x300	735x825x300	
Weight			kg	34	48	48	
Operation Range	Cooling	Min~Max	°CDB	-10~-46	-10~-46	-10~-46	
	Heating	Min~Max	°CWB	-15~-20	-15~-20	-15~-18	
Sound Power	Cooling		dB(A)	63	61	63	
Sound Pressure (Low)	Cooling		dB(A)	44	44	46	
	Heating		dB(A)	45	45	46	
Sound Pressure (High)	Cooling		dB(A)	48	48	49	
	Heating		dB(A)	48	48	49	
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50Hz			
Piping connections	Liquid (OD)/Gas	mm		6.35/9.52	6.35/12.7	6.35/12.7	
Piping Length (Maximum)			m	20	30	30	
Max Installation Height Difference			m	15	20	20	

<sup>1</sup> Pure white standard panel with grey louvres; <sup>2</sup> Pure white standard panel with white louvres; <sup>3</sup> Pure white auto cleaning panel



# FCQ-C8 / RZQS-D

## Low Height Round Flow Cassette



BRC1D52



BRC1E51A



BRC7F532F



FCQ100, 125, 140C8



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
- 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
- Reduced installation height: 214mm for class 71
- Connection to multi outdoor possible
- Suitable for Twin, Triple and Double Twin applications

HEAT PUMP				COMFORT INVERTER			
Indoor Units				FCQ71C8	FCQ100C8	FCQ125C8	FCQ140C8
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			3.11 / 3.41	3.11 / 3.41	3.11 / 3.45	2.61 / 3.21
Annual energy consumption			kWh	1,141	1,608	2,010	2,680
Energy Label	cooling / heating			B / B		D / C	
Dimensions	(Height x Width x Depth)		mm	204x840x840		246x840x840	
Weight			kg	21		23	
Air Flow Rate	Cooling	High/Low	m <sup>3</sup> /min	15.5 / 9.0	23.5 / 16.0	27.5 / 19.0	
	Heating	High/Low	m <sup>3</sup> /min	16.0 / 9.5	23.5 / 16.0	27.5 / 19.0	
Sound Power	Cooling	High	dBA	51	54	58	
	Heating	High/Low	dBA	33 / 28	37 / 32	41 / 35	
Sound Pressure	Cooling	High/Low	dBA	33 / 28	37 / 32	41 / 35	
	Heating	High/Low	dBA	34 / 28	37 / 32	41 / 35	42 / 35
Refrigerant			Type	R-410A			
Power Supply				1~/220-240V/50;60Hz			
Decoration Panel	Model	BYCQ140CW1 <sup>1</sup> / BYCQ140CW1W <sup>2</sup> / BYCQ140CGW1 <sup>3</sup>					
	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 Interunit Level Difference			m	0.5			
Max Installation Height Difference			m	15	30		

<sup>1</sup> Pure white standard panel with grey louvres; <sup>2</sup> Pure white standard panel with white louvres; <sup>3</sup> Pure white auto cleaning panel



Seasonal Inverter



# FCQ-C8 / RZQ-D/B9W1

## Low Height Round Flow Cassette



BRC1D52



BRC1E51A



BRC7F532F



FCQ100, 125, 140C8



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
- 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
- Reduced installation height: 214mm for class 71
- Fresh air intake: standard knockout and optional kit
- Connection to multi outdoor possible
- 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				FCQ71C8		FCQ100C8		FCQ125C8		FCQ140C8							
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		3.36 / 3.62		3.79 / 3.78		3.79 / 3.57		3.38 / 3.61		3.22 / 3.21		2.74 / 3.27		2.61 / 2.81	
	Annual energy consumption			1055		1319		1320		1850		1940		2555		2680	
	Energy Label	Cooling / Heating		A / A		A / A		A / B		A / B		A / C		D / C		D / D	
Seasonal (*)	SEER / SCOP	Cooling / Heating		3.71 / -		3.54 / -		3.56 / -		3.73 / -		3.58 / -		3.14 / -		3.01 / -	
Dimensions	(Height x Width x Depth)		mm	204x840x840		246x840x840											
Weight			kg	21		23											
Air Flow Rate	Cooling	High/Low	m <sup>3</sup> /min	15.5 / 9.0		23.5 / 16.0		27.5 / 19.0									
	Heating	High/Low	m <sup>3</sup> /min	16.0 / 9.5		23.5 / 16.0		27.5 / 19.0									
Sound Power	Cooling	High	dBA	51		54		58									
	Heating	High/Low	dBA	33 / 28		37 / 32		41 / 35									
Sound Pressure	Cooling	High/Low	dBA	34 / 28		37 / 32		41 / 35		42 / 35							
	Heating	High/Low	dBA	34 / 28		37 / 32		41 / 35		42 / 35							
Refrigerant			Type	R-410A													
Power Supply				1~/220-240V/50;60Hz													
Decoration Panel	Model			BYCQ140CW1 <sup>1</sup> / BYCQ140CW1W <sup>2</sup> / BYCQ140CGW1 <sup>3</sup>													
	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	
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	
Sound Pressure (Standard)	Cooling		dBA	48		50		51		50	
	Heating		dBA	50		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. internutrient 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.

<sup>1</sup> Pure white standard panel with grey louvres; <sup>2</sup> Pure white standard panel with white louvres; <sup>3</sup> Pure white auto cleaning panel



# FCQ-C8 / REQ-B

## Low Height Round Flow Cassette



BRC1D52



BRC1E51A



BRC7F532F



FCQ100,125C8



REQ100B

- **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
- 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
- Reduced installation height: 214mm for class 71
- Connection to multi outdoor possible
- Suitable for Twin, Triple and Double Twin applications

HEAT PUMP				NON-INVERTER				
Indoor Units				FCQ71C8		FCQ100C8		FCQ125C8
Nominal Capacity	Cooling capacity	Standard	kW	7.1	7.1	10.0	10.0	12.5
	Heating capacity	Standard	kW	8.0	8.0	11.2	11.2	14.6
EER / COP	Cooling / Heating			2.61 / 2.81	2.67 / 2.86	2.61 / 2.99	2.81 / 3.06	2.68 / 2.89
Annual energy consumption			kWh	1360	1330	1915	1780	2330
Energy Label	cooling / heating			D / D		D / D		D / D
Dimensions	(Height x Width x Depth)		mm	204x840x840		246x840x840		246x840x840
Weight			kg	21		23		23
Air Flow Rate	Cooling	High/Low	m <sup>3</sup> /min	15.5 / 9.0		23.5 / 16.0		27.5 / 19.0
	Heating	High/Low	m <sup>3</sup> /min	16.0 / 9.5		23.5 / 16.0		27.5 / 19.0
Sound Power	Cooling	High	dBA	51		54		58
	Heating	High/Low	dBA	33 / 28		37 / 32		41 / 35
Sound Pressure	Cooling	High/Low	dBA	34 / 28		37 / 32		41 / 35
	Heating	High/Low	dBA	34 / 28		37 / 32		41 / 35
Refrigerant			Type	R-410A		R-410A		R-410A
Power Supply				1~/220-240V/50/60Hz		1~/220-240V/50/60Hz		1~/220-240V/50/60Hz
Decoration Panel	Model			BYCQ140CW1 <sup>1</sup> / BYCQ140CW1W <sup>2</sup> / BYCQ140CGW1 <sup>3</sup>				
	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				REQ71BV	REQ71BW	REQ100BV	REQ100BW	REQ125BW
Dimensions	(Height x Width x Depth)		mm	770x900x320		1170x900x320		
Weight			kg	83		102	100	108
Sound pressure level	Cooling			53	53	57	57	57
Sound power level	Cooling			65	65	70	70	70
Operation Range	Cooling	Min~Max	°CDB	10.0~46.0				
	Heating	Min~Max	°CWB	-10~-15				
Refrigerant			Type	R-410A				
Power Supply				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				
Max Installation Height Difference			m	30				

<sup>1</sup> Pure white standard panel with grey louvres; <sup>2</sup> Pure white standard panel with white louvres; <sup>3</sup> Pure white auto cleaning panel