

FHQ-B / RXS-G/F

Ceiling Suspended Unit



BRC1D52

BRC1E51A

BRC7E63

FHQ35, 50B

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.
- Ideal solution for shops, restaurants or offices without false ceilings
- Easy installation and maintenance
- Auto-swing function ensures efficient air and temperature distribution.
- Air flow distribution for ceiling heights up to 3.8m without loss of capacity.
- Connection to multi outdoor possible
- Suitable for Twin, Triple and Double Twin applications

HEAT PUMP				INVERTER						
Indoor Units				FHQ35B		FHQ50B		FHQ60B		
Capacity	Cooling capacity	Minimum	kW	1.4	1.7	1.7	1.7	5.0	5.7	
		Standard	kW	3.4	5.0	5.0	5.7	5.6	6.0	
		Maximum	kW	3.7	5.6	5.6	6.0	1.2	1.7	
	Heating capacity	Minimum	kW	1.2	1.7	1.7	1.7	4.0	7.2	
		Standard	kW	4.0	6.0	6.0	7.2	5.0	8.0	
		Maximum	kW	5.0	7.0	7.0	8.0	3.24 / 3.60	2.73 / 2.93	2.65 / 2.89
EER / COP	Cooling / Heating									
Annual energy consumption			kWh		525		915		1075	
Energy Label	cooling / heating				A / A		D / C		D / D	
Dimensions	(Height x Width x Depth)		mm		195x960x680		195x960x680		195x1160x680	
Weight			kg		24.0		25.0		27.0	
Air Flow Rate	Cooling	High/Low	m ³ /min	13.0 / 10.0	13.0 / 10.0	13.0 / 10.0	17.0 / 13.0	13.0 / 10.0	16.0 / 13.0	
		Heating	m ³ /min	13.0 / 10.0	13.0 / 10.0	13.0 / 10.0	16.0 / 13.0	53.0 / 48.0	54.0 / 49.0	55.0 / 49.0
Sound Power	Cooling	High/Low	dBA	53.0 / 48.0	54.0 / 49.0	54.0 / 49.0	-	53.0 / 48.0	54.0 / 49.0	
		Heating	dBA	53.0 / 48.0	54.0 / 49.0	54.0 / 49.0	-	37.0 / 32.0	38.0 / 33.0	39.0 / 33.0
Sound Pressure	Cooling	High/Low	dBA	37.0 / 32.0	38.0 / 33.0	38.0 / 33.0	39.0 / 33.0	37.0 / 32.0	38.0 / 33.0	
		Heating	dBA	37.0 / 32.0	38.0 / 33.0	38.0 / 33.0	39.0 / 33.0	R-410A	R-410A	R-410A
Refrigerant			Type		R-410A		R-410A		R-410A	
Power Supply					1~/220-240V/50Hz		1~/220-240V/50Hz		1~/220-240V/50Hz	
Controller	Wired/Wireless						BRC1D52 (standard) / BRC7E63 (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	-10~46	Min~Max	°CWB	-15~20
		Heating	°CWB	-15~20	-15~20	-15~20	-15~18	Cooling	dBA	63
Sound Power			dBA		63		61		63	
Sound Pressure (Low)	Cooling	dBA		44	44	44	46	46		
		dBA		45	45	45	46	Cooling	dBA	
Sound Pressure (High)	Cooling	dBA		48	48	48	49		49	
		Heating	dBA		48	48	48	49	49	
Refrigerant			Type		R-410A		R-410A		R-410A	
Power Supply					1~/220-240V/50Hz		1~/220-240V/50Hz		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	



FHQ-B / RZQS-D

Ceiling Suspended Unit



BRC1D52



BRC1E51A



BRC7E63



FHQ71B



RZQS100,125D

- **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.
- Ideal solution for shops, restaurants or offices without false ceilings
- Easy installation and maintenance
- Auto-swing function ensures efficient air and temperature distribution.
- Air flow distribution for ceiling heights up to 3.8m without loss of capacity.
- Connection to multi outdoor possible
- Suitable for Twin, Triple and Double Twin applications

HEAT PUMP				COMFORT INVERTER			
Indoor Units				FHQ71B	FHQ100B	FHQ125B	
Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.5	
	Heating capacity	Standard	kW	8.0	11.2	14.0	
EER / COP	Cooling / Heating			2.83 / 2.91	2.81 / 2.91	2.75 / 2.88	
Annual energy consumption			kWh	1254	1779	2273	
Energy Label			cooling / heating	C / D		D / D	
Dimensions		(Height x Width x Depth)		mm	195x1160x680	195x1400x680	195x1590x680
Weight			kg	27.0	32.0	35.0	
Air Flow Rate	Cooling	High/Low	m ³ /min	17.0 / 14.0	24.0 / 20.0	30.0 / 25.0	
	Heating	High/Low	m ³ /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	
	Heating	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				RZQS71DV1	RZQS100DV1	RZQS125DV1	
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	
Sound Pressure (Standard)			Cooling	dBA	49	51	
			Heating	dBA	51	55	53
Sound Level (Night quiet)			Sound Pressure	dBA	47	49	
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		



Seasonal Inverter

INVERTER

FHQ-B / RZQ-D/B9W1

Ceiling Suspended Unit



BRC1D52



BRC1E51A



BRC7E63



FHQ71B



RZQ100,125D

- **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).
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- Ideal solution for shops, restaurants or offices without false ceilings
- Easy installation and maintenance
- Auto-swing function ensures efficient air and temperature distribution.
- Air flow distribution for ceiling heights up to 3.8m without loss of capacity.
- Connection to multi outdoor possible
- Suitable for Twin, Triple and Double Twin applications
- Communications, computer and server room cooling possible with EDP setting.
- Re-use of existing R22 and R407C piping possible. (See R22 Replacement leaflet)



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		2.95 / 3.27		2.81 / 3.11			
	Annual energy consumption			kWh		1172		1572		1575		2119		2225	
	Energy Label	Cooling / Heating		B / D		B / C		B / D		C / C		C / D			
Seasonal (*)	SEER / SCOP	Cooling / Heating		3.47 / -		3.06 / -		3.06 / -		3.31 / -		3.18 / -			
Dimensions	(Height x Width x Depth)			mm		195x1160x680		195x1400x680		195x1590x680					
Weight				kg		27.0		32.0		35.0					
Air Flow Rate	Cooling	High/Low	m ³ /min	17.0 / 14.0		24.0 / 20.0		30.0 / 25.0							
	Heating	High/Low	m ³ /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											
Power Supply				R-410A											
Controller	Wired/Wireless			1~/220-240V/50Hz											
				BRC1D52 (standard) / BRC7E63 (optional)											
				BRC1E51A (optional) /											

Outdoor Unit			RZQ71D3V1	RZQ100D9V1	RZQ100B9W1	RZQ125D9V1	RZQ125B9W1		
Dimensions	(Height x Width x Depth)		mm		770x900x320		1345x900x320		
Weight			kg		67		108		
Sound pressure level	Cooling (Night quiet mode)		dBA		48 (43)		50 (45)		
	Heating		dBA		50		52		
Sound power level	Cooling		dBA		64		65		
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		
Piping connections	Liquid (OD)/Gas/Drain		mm					9.52 / 15.9 / 26	
Piping Length (Maximum)			m		50				
Max. interunit level difference			m					75	
Max Installation Height Difference			m					0.5	
								30	

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



FHQ-B / REQ-B

Ceiling Suspended Unit



BRC1D52



BRC1E51A



BRC7E63



FHQ71B



REQ71B

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HEAT PUMP				NON-INVERTER					
Indoor Units				FHQ71B		FHQ100B		FHQ125B	
Capacity	Cooling capacity	Standard	kW	7.1		9.8		12.2	
	Heating capacity	Standard	kW	8		11.2		14.5	
Annual energy consumption			kWh	1350		1325		1875	
EER / COP	Cooling / Heating			2.63 / 2.81		2.68 / 2.86		2.61 / 2.71	
								2.66 / 2.79	
Energy Label			cooling / heating	D / D		D / E		D / D	
Dimensions			(Height x Width x Depth)	mm		195x1160x680		195x1400x680	
Weight			kg	27.0		32.0		35.0	
Air Flow Rate	Cooling	High/Low	m ³ /min	17.0 / 14.0		24.0 / 20.0		30.0 / 25.0	
	Heating	High/Low	m ³ /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) / BRC1E51A (optional) / BRC7E63 (optional)					

Outdoor Unit				REQ71BV	REQ71BW	REQ100BV	REQ100BW	REQ125BW	
Dimensions			(Height x Width x Depth)	mm		770x900x320		1170x900x320	
Weight			kg	83		102		100	
Operation Range	Cooling	Min~Max	°CDB	10.0~46.0					
	Heating	Min~Max	°CWB	-10~15					
Sound Level (nominal)	Sound Power	Cooling	dBA	65.0		70.0			
	Sound Pressure	Cooling	dBA	53.0		57.0			
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					