

# Ceiling suspended unit

FHQ-CB



Seasonal  Smart Seasonal  Classic



Home leave operation



Auto cooling-heating changeover



Vertical auto swing

For wide rooms with no false ceilings nor free floor space

- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- › Reduced energy consumption thanks to specially developed DC fan motor and drain pump
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible

# FHQ-CB + RZQG-L9V1/L(8)Y1

## FHQ-CB + RZQSG-L3/9V1/L(8)Y1

### FHQ-CB + RXS -L3/L



Indoor unit		FHQ	35CB	50CB	60CB	71CB	100CB	140CB	100CB	140CB	125CB	140CB
Casing	Colour		White									
Dimensions	Unit	HeightxWidthxDepth	235x960x690			235x1,270x690			235x1,590x690			
Sound power level	Cooling		53	54	55	60	64	60	64	62	64	64
	Heating		53	54	55	60	64	60	64	62	64	64
Sound pressure level	Cooling	High/Low	36/31	37/32	37/33	38/34	42/34	46/38	42/34	46/38	44/37	46/38
	Heating	High/Low	36/31	37/32	37/33	38/34	42/34	46/38	42/34	46/38	44/37	46/38
Control systems	Infrared remote control		BRC7G53									
	Wired remote control		BRC1D52 / BRC1E52A/B / BRC1E53A / BRC1E53B / BRC1E53C / BRC1E51A									
Refrigerant	Type		R-410A									
	GWP		-									

Combination with split outdoor units is ideal for smaller applications such as retail or residential applications.

Efficiency data		FHQ + RXS	35CB + 35L3	50CB + 50L	60CB + 60L	
Cooling capacity	Nom.	kW	3.4	5.0	5.7	
Heating capacity	Nom.	kW	4.00	6.0	7.20	
Power input	Cooling	Nom.	0.92	1.570	1.750	
	Heating	Nom.	0.980	1.790	2.170	
Seasonal efficiency (according to EN14825)	Cooling	Pdesign	3.40	5.00	5.70	
		SEER	6.18	5.87	6.02	
	Heating	Annual energy consumption	kWh	193	298	332
		Pdesign	kW	3.10	4.35	4.71
Nominal efficiency	(Average climate)	SCOP/A	4.43	3.86	3.87	
		Annual energy consumption	kWh	981	1,578	1,705
		EER	3.70	-	-	
Nominal efficiency	COP	4.08	-	-		
	Annual energy consumption	kWh	459	-	-	

Outdoor unit		RXS	35L3	50L	60L
Dimensions	Unit	HeightxWidthxDepth	550x765x285	735x825x300	
Sound power level	Cooling		61	62	
	Heating		61	62	
Sound pressure level	Cooling	High/Silent operation	48/44		49/46
	Heating	High/Silent operation	48/45		49/46
Operation range	Cooling	Ambient	-10~46		
	Heating	Ambient	-15~18		
Refrigerant	Type/Charge/GWP	kg/TCO <sub>2</sub> eq	R-410A/1.2/2.5/2,087.5	R-410A/1.7/3.5/2,087.5	R-410A/1.5/3.1/2,087.5
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240		



Combination with Seasonal Smart outdoor units ensure high quality, optimal comfort, flexible installation and highest efficiency values.

Efficiency data			FHQ + RZQG		71CB + 71L9V1	100CB + 100L9V1	125CB + 125L9V1	140CB + 140L9V1	71CB + 71L8Y1	100CB + 100L8Y1	125CB + 125L8Y1	140CB + 140L8Y1				
Cooling capacity	Nom.	kW	6.8	-	9.5	-	12.0	13.4	6.8	-	9.5	-	12.0	13.4		
Heating capacity	Nom.	kW	7.5	-	10.8	-	13.5	15.5	7.5	-	10.8	-	13.5	15.5		
Power input	Cooling	Nom. kW	1.78	-	2.49	-	3.58	4.05	1.78	-	2.49	-	3.58	4.05		
	Heating	Nom. kW	1.82	-	2.61	-	3.48	4.27	1.82	-	2.60	-	3.48	4.27		
Seasonal efficiency (according to EN14825)	Cooling	Pdesign	6.80		9.50		12.00		6.80		9.50		12.00		-	
		SEER	6.95		6.11		6.01		6.95		6.11		6.01		-	
	Annual energy consumption		kWh	343		545		699		343		545		699		-
	Heating	Pdesign	kW	7.60		11.30		14.13		7.60		11.30		14.13		-
		(Average climate)	SCOP/A	4.32		4.61		4.23		4.32		4.61		4.23		-
Annual energy consumption		kWh	2,463		3,432		4,677		2,463		3,432		4,677		-	
Nominal efficiency	EER		3.82	-	3.81	-	3.35	3.31	3.82	-	3.81	-	3.35	3.31		
	COP		4.13	-	4.15	-	3.89	3.63	4.13	-	4.15	-	3.89	3.63		
	Annual energy consumption	kWh	890		1,245		1,790		890		1,245		1,790		2,025	

Outdoor unit			RZQG	71L9V1	100L9V1	125L9V1	140L9V1	71L8Y1	100L8Y1	125L8Y1	140L8Y1	
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320		1,430x940x320		990x940x320		1,430x940x320		
Sound power level	Cooling	Nom.	dB	64	66	67	69	64	66	67	69	
		Level	dB	48	50	51	52	48	50	51	52	
Sound pressure level	Heating	Nom.	dB	50	52	53		50	52	53		
		Night quiet mode	Level 1	dB	43	45		43	45			
Operation range	Cooling	Ambient	Min.~Max. °CDB	-15~50				-15~50				
		Heating	Ambient	Min.~Max. °CWB	-20~15.5				-20~15.5			
Refrigerant	Type/Charge/GWP	kg/TCO <sub>2</sub> eq	R-410A/29/61/2,0875	R-410A/4.0/8.4/2,0875				R-410A/29/61/2,0875		R-410A/4.0/8.4/2,0875		
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3N~/50/380-415					



Combination with Seasonal Classic ensures good value for money for all types of commercial applications.

Efficiency data			FHQ + RZQSG		71CB + 71L3V1	100CB + 100L9V1	125CB + 125L9V1	140CB + 140L9V1	100CB + 100L8Y1	125CB + 125L8Y1	140CB + 140L8Y1			
Cooling capacity	Nom.	kW	6.8	-	9.5	-	12.0	13.4	9.5	-	12.0	13.4		
Heating capacity	Nom.	kW	7.5	-	10.8	-	13.5	15.5	10.8	-	13.5	15.5		
Power input	Cooling	Nom. kW	1.97	-	2.96	-	4.15	4.45	2.96	-	4.15	4.45		
	Heating	Nom. kW	1.88	-	2.99	-	3.73	4.54	2.99	-	3.73	4.54		
Seasonal efficiency (according to EN14825)	Cooling	Pdesign	6.80		9.50		12.00		9.5		12		-	
		SEER	5.61		5.61		5.61		5.61		5.61		-	
	Annual energy consumption		kWh	425		593		749		593		749		-
	Heating	Pdesign	kW	7.60		7.60		7.60		7.60		7.60		-
		(Average climate)	SCOP/A	3.90		3.91		4.01		3.91		4.01		-
Annual energy consumption		kWh	2,727		2,722		2,654		2,722		2,654		-	
Nominal efficiency	EER		3.46	-	3.21	-	2.89	3.01	3.21	-	2.89	3.01		
	COP		4.00	-	3.61	-	3.62	3.41	3.61	-	3.62	3.41		
	Annual energy consumption	kWh	983		1,480		2,075		1,480		2,075		2,225	

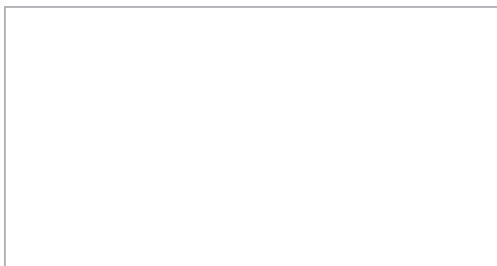
Outdoor unit			RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140L8Y1		
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320		990x940x320		1,430x940x320		990x940x320		1,430x940x320
Sound power level	Cooling	Nom.	dB	65	70		69	69	70	69		
		Level	dB	49/47	53/-	54/-	53/-	53	54	53		
Sound pressure level	Heating	Nom.	dB	51	57	58	54	57	58	54		
		Night quiet mode	Level 1	dB	-	49		-	49			
Operation range	Cooling	Ambient	Min.~Max. °CDB	-15.0~46		-15~46		-15~46		-15~46		
		Heating	Ambient	Min.~Max. °CWB	-15~15.5		-15~15.5		-15~15.5			
Refrigerant	Type/Charge/GWP	kg/TCO <sub>2</sub> eq	R-410A/27.5/7/2,0875	R-410A/2.9/6.1/2,0875		R-410A/4.0/8.4/2,0875		R-410A/2.9/6.1/2,0875		R-410A/4.0/8.4/2,0875		
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3N~/50/380-415					





# Assymetric combinations dedicated for reliable infrastructure cooling

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