



# Concealed ceiling unit with medium ESP

FBQ-D

Seasonal Smart

Seasonal Classic



Home leave operation

Slimmest yet most powerful medium static pressure unit on the market

- › Top efficiency in the market! Energy label up to A++
- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- › Lowest sound levels in the market: down to 25dBA!
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume

# RXS-L(3)

## FBQ-D + RZQG-L(8)Y1 / L9V1

## FBQ-D + RZQSG-L(8)Y1 / L3/9V1



Indoor unit		FBQ	35D	50D	60D	71D	100D	125D	140D
Casing	Colour		Not painted (galvanised)						
Dimensions	Unit	HeightxWidthxDepth	mm	245x700x800	245x1,000x800			245x1,400x800	
Sound power level	Cooling		dB	60	56		58		62
Sound pressure level	Cooling	High/Nom./Low	dB	35/32/29	30/28/25		34/32/30		37/35/32
	Heating	High/Nom./Low	dB	37/34/29	31/28/25		36/33/30		38/35/32
Control systems	Infrared remote control			BRC4C65					
	Wired remote control			BRC1E53A/B/C / BRC1D528					

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

Efficiency data		FBQ + RXS	35D + 35L3	50D + 50L	60D + 60L	
Cooling capacity	Nom.	kW	3.4	5.0	5.7	
Heating capacity	Nom.	kW	4.00	5.50	7.00	
Power input	Cooling	Nom.	0.85	1.42	1.65	
	Heating	Nom.	1.00	1.44	1.89	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class	A++			
		Pdesign	kW	3.40	5.00	5.70
		SEER		6.17	6.21	5.86
	Heating (Average climate)	Annual energy consumption	kWh	193	282	340
		Energy efficiency class	A+			
		Pdesign	kW	2.90	4.40	4.60
Nominal efficiency	EER	SCOP/A	4.07	4.06	4.01	
		Annual energy consumption	kWh	998	1,517	1,606
	COP	EER	3.99	3.52	3.45	
		COP	4.02	3.83	3.71	
	Annual energy consumption	kWh	426	710	826	
Energy labeling Directive	Cooling	A				
	Heating	A				

Outdoor unit		RXS	35L3	50L	60L	
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285	735x825x300	
Sound power level	Cooling		dB	61	62	
	Heating		dB	61	62	
Sound pressure level	Cooling	High/Low/Silent operation	dB	48/-/44	48/44/-	49/46/-
	Heating	High/Low/Silent operation	dB	48/-/45	48/45/-	49/46/-
Operation range	Cooling	Ambient Min.-Max.	°CDB		-10~46	
	Heating	Ambient Min.-Max.	°CWB		-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	1~/50/220-230-240		

EER/COP according to Eurovent 2012, for use outside EU only | Contains fluorinated greenhouse gases | MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.



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

Efficiency data			FBQ + RZQG	71D + 71L8Y1	71D + 71L9V1	100D + 100L8Y1	100D + 100L9V1	125D + 125L9V1	125D + 125L8Y1	140D + 140LY1	140D + 140L9V1
Cooling capacity	Nom.		kW	6.8		9.5		12.0		13.4	
Heating capacity	Nom.		kW	7.50		10.80		13.50		15.50	
Power input	Cooling	Nom.	kW	1.89		2.49		3.63		4.00	
	Heating	Nom.	kW	1.87		2.45		3.46		4.31	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		A++	-	A+	-		A++		-
		Pdesign	kW	6.80		9.50		12.00		-	
		SEER		6.16		5.87		6.11		-	
		Annual energy consumption	kWh	386		566		687		-	
	Heating (Average climate)	Energy efficiency class		A+	-	A++	-		A+		-
		Pdesign	kW	6.00		11.30		12.70		-	
		SCOP/A		4.31		4.78		4.28		-	
		Annual energy consumption	kWh	1,949		3,310		4,154		-	
Nominal efficiency	EER			3.60		3.81		3.31		3.35	
	COP			4.01		4.41		3.90		3.60	
	Annual energy consumption		kWh	944	944	1,247	1,247	1,813	1,813		-
	Energy labeling	Cooling		A	-	A		-	A		-
Heating			A	-	A		-	A		-	

Outdoor unit			RZQG	71L8Y1	71L9V1	100L8Y1	100L9V1	125L9V1	125L8Y1	140LY1	140L9V1
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320			1,430x940x320				
Sound power level	Cooling		dBA	64		66		67		69	
Sound pressure level	Cooling	Nom.	dBA	48		50		51		52	
	Heating	Nom.	dBA	50		52		53			
	Night quiet mode	Level 1	dBA	43				45			
Operation range	Cooling	Ambient	Min.-Max.	°CDB		-15~50					
	Heating	Ambient	Min.-Max.	°CWB		-20~-15.5					
Refrigerant	Type/Charge/GWP		kg/TCO <sub>2</sub> eq	R-410A/2.9/6.1/2,087.5			R-410A/4.0/8.4/2,087.5				
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415	1~/50/220-240	3N~/50/380-415	1~/50/220-240	3N~/50/380-415	1~/50/220-240		

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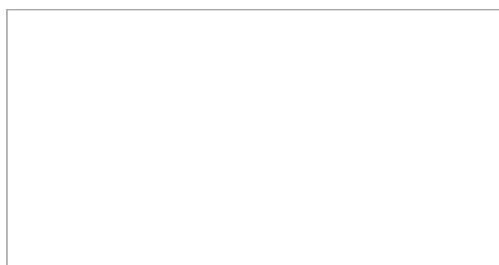
Combination with Seasonal Classic ensures good value for money for all types of commercial applications.

Efficiency data		FBQ + RZQSG	71D + 71L3V1	100D + 100L8Y1	100D + 100L9V1	125D + 125L9V1	125D + 125L8Y1	140D + 140LY1	140D + 140L9V1
Cooling capacity	Nom.	kW	6.8	9.5		12.0		13.4	
Heating capacity	Nom.	kW	7.50	10.80		13.50		15.50	
Power input	Cooling	Nom.	kW	1.98	2.84		3.72	4.38	
	Heating	Nom.	kW	1.91	2.94		3.72	4.56	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		A+		A		-	
		Pdesign	kW	6.80	9.50	12.00	-	-	-
		SEER		5.84	5.61	5.47	-	-	-
		Annual energy consumption	kWh	408	593	768	-	-	-
	Heating (Average climate)	Energy efficiency class		A+				-	
		Pdesign	kW	6.00	7.60				-
SCOP/A			4.01	4.15	4.01	-	-	-	
	Annual energy consumption	kWh	2,095	2,564	2,653	-	-	-	
Nominal efficiency	EER		3.43	3.35		3.23		3.06	
	COP		3.92	3.67		3.63		3.40	
	Annual energy consumption	kWh	991	1,418		1,858		-	
	Energy labeling	Cooling		A				-	
	Directive	Heating		A				-	

Outdoor unit		RZQSG	71L3V1	100L8Y1	100L9V1	125L9V1	125L8Y1	140LY1	140L9V1
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320			1,430x940x320	
Sound power level	Cooling		dBA	65	69	70		69	
Sound pressure level	Cooling	Nom./Silent operation	dBA	49/47	53/-	54/-		53/-	
	Heating	Nom.	dBA	51	57	58		54	
	Night quiet mode	Level 1	dBA	-		49			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46	-15~46			
	Heating	Ambient	Min.~Max.	°CWB		-15~15.5			
Refrigerant	Type/Charge/GWP	kg/TCO <sub>2</sub> eq		R-410A/2.75/5.7/2,087.5	R-410A/2.9/6.1/2,087.5			R-410A/4.0/8.4/2,087.5	
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240	3N~/50/380-415	1~/50/220-240	3N~/50/380-415	1~/50/220-240	

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ECPEN17-102A

02/17



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