



Concealed ceiling unit with medium ESP

FBQ-D, FXSQ-A



Home leave operation



Powerful mode



Multi tenant (FXSQ)

Optimum comfort guaranteed no matter the length of ductwork or type of grilles

- › Top efficiency in the market
- › Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, whatever the length of duct, making installation easier and guaranteeing comfort. Moreover, the ESP can be changed via the wired remote control to optimize the supply air volume
- › Slimmest unit in class, only 245mm
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Low sound level
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Reduced energy consumption thanks to specially developed DC fan motor
- › Flexible installation, as the air suction direction can be altered from rear to bottom suction
- › Standard built-in drain pump increases flexibility and installation speed
- › No optional adapter needed for DIII-connection, link your unit into the wider building management system

FBQ-D

Perfect for light commercial and residential applications

FXSQ-A

Fully integrated solutions for medium to large commercial environments



Indoor unit		FXSQ	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A	
Cooling capacity	Nom.	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	
Heating capacity	Nom.	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0	
Power input - 50Hz	Cooling	Nom.	0.041		0.045	0.092	0.095	0.095	0.121	0.157	0.214	0.243		
	Heating	Nom.	0.038		0.042	0.089	0.092	0.092	0.118	0.154	0.211	0.240		
Dimensions	Unit	Height	245											
	Width	mm	550			700			1,000			1,400		1,550
	Depth	mm	800											
Weight	Unit	kg	23.5		24	28.5	29	35.5	36.5	46	47	51		
	Casing	Colour	Not painted (galvanised)											
	Material	Galvanised steel plate												
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	m³/min	8.7/7.5/6.5	9.7/5/6.5	9.5/8/7.0	15/12.5/11	15.2/12.5/11	21.0/18/15	23/19.5/16	32/27/23	36/31.5/26	39/34/28	
	Heating	High/Nom./Low	m³/min	8.7/7.5/6.5	9.7/5/6.5	9.5/8/7	15/12.5/11	15.2/12.5/11	21/18/15	23/19.5/16	32/27/23	36/31.5/26	39/34/28	
Fan-External static pressure - 50Hz	High/Nom.	Pa	150/30			150/40			150/50					
Air filter	Type	Resin net with mold resistance												
Sound power level	Cooling	Nom.	dB(A)	54		55	60		59	61		64		
Sound pressure level	Cooling	High/Nom./Low	dB(A)	29.5/28/25	30/28/25	31/29/26	35/32/29	33/30/27	35/32/29	36/34/31	39/36/33	41.5/38/34		
	Heating	High/Nom./Low	dB(A)	31.5/29/26	32/29/26	33/30/27	37/34/29	35/32/28	37/34/30	37/34/31	40/37/33	42/38.5/34		
Refrigerant	Type	R-410A												
Piping connections	Liquid	OD	mm	6.35						9.52				
	Gas	OD	mm	12.7						15.9				
	Drain	VP20 (I.D. 20/O.D. 26)												
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220											
Current - 50Hz	Maximum fuse amps (MFA)	A	16											
Control systems	Infrared remote control	BRC4C65												
	Simplified wired remote control for hotel applications	BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)												
	Wired remote control	BRC1D52 / BRC1E52A/B												

The sound power level is an absolute value indicating the power which a sound source generates.

Indoor unit		FBQ	35D	50D	60D
Casing	Colour	Not painted (galvanised)			
Dimensions	Unit	HeightxWidthxDepth	245x700x800		245x1,000x800
Sound power level	Cooling	dB(A)	60		56
Sound pressure level	Cooling	High/Nom./Low	35/32/29		30/28/25
	Heating	High/Nom./Low	37/34/29		31/28/25
Control systems	Infrared remote control	BRC4C65			
	Wired remote control	BRC1E52A/B / 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 label	A++			
		Pdesign	3.40	5.00	5.70	
		SEER	6.17	6.21	5.86	
	Heating (Average climate)	Annual energy consumption	kWh	193	282	340
		Energy label	A+			
		Pdesign	4.40	4.40	4.60	
Nominal efficiency	EER	SCOP	4.07	4.06	4.01	
		Annual energy consumption	kWh	998	1,517	1,606
	COP	Annual energy consumption	kWh	3.99	3.52	3.45
		Energy label	Cooling/Heating	4.02	3.83	3.71
	Annual energy consumption	kWh	426	710	826	
	Energy label	Cooling/Heating	A/A			

EER/COP according to Eurovent 2012, for use outside EU only | Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load

Outdoor unit		RXS	35L3	50L	60L
Dimensions	Unit	HeightxWidthxDepth	550x765x285	735x825x300	
Sound power level	Cooling	dB(A)	61	62	
	Heating	dB(A)	61	62	
Sound pressure level	Cooling	High/Nom./Low/Silent operation	48/-/-/44	48/-/44/-	49/-/46/-
	Heating	High/Nom./Low/Silent operation	48/-/-/45	48/-/45/-	49/-/46/-
	Night quiet mode	Level 1	-		
Operation range	Cooling	Ambient	-10~46		
	Heating	Ambient	-15~18		
Refrigerant	Type/GWP	R-410A/2,087.5			
	Charge	kg/TCO ₂ eq	1.2/2.5	1.7/3.5	1.5/3.1
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240	1~/50/220-230-240	

Contains fluorinated greenhouse gases


 Combination with Seasonal Smart ensures high quality, optimal comfort, flexible installation and highest efficiency values

Efficiency data		FBQ + RZQG	71D + 71L9V1	100D + 100L9V1	125D + 125L9V1	140D + 140L9V1	100D + 100L8Y1	125D + 125L8Y1	140D + 140LY1	
Cooling capacity	Nom.	kW	6.8	9.5	12.0	13.4	9.5	12.0	13.4	
Heating capacity	Nom.	kW	7.50	10.80	13.50	15.50	10.80	13.50	15.50	
Power input	Cooling	Nom.	1.89	2.84	3.72	4.38	2.84	3.72	4.38	
	Heating	Nom.	1.87	2.94	3.72	4.56	2.94	3.72	4.56	
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A++	A+	A	-	A+	A	-	
		Pdesign	6.80	9.50	12.00	-	9.50	12.00	-	
		SEER	6.16	5.61	5.47	-	5.61	5.47	-	
	Heating (Average climate)	Annual energy consumption	kWh	386	593	768	-	593	768	-
		Energy label	A+		-		A+		-	
		Pdesign	6.00	7.60	-	-	7.60	-	-	
Nominal efficiency	EER	SCOP	4.31	4.15	4.01	-	4.15	4.01	-	
		Annual energy consumption	kWh	1,949	2,564	2,653	-	2,564	2,653	
	COP	Annual energy consumption	kWh	3.60	3.35	3.23	3.06	3.35	3.23	
		Energy label	Cooling/Heating	A/A	A/A	-	-	A/A	-	

EER/COP according to Eurovent 2012, for use outside EU only | Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load

Outdoor unit		RZQG	71L9V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1	
Dimensions	Unit	HeightxWidthxDepth	990x940x320	990x940x320		1,430x940x320	990x940x320			
Sound power level	Cooling	dB(A)	64	70		69	70			
Sound pressure level	Cooling	Nom.	48	53	54	53	54	53	53	
	Heating	Nom.	50	57	58	54	57	58	54	
	Night quiet mode	Level 1	43	49						
Operation range	Cooling	Ambient	Min.-Max.	-15~-50						
	Heating	Ambient	Min.-Max.	-20~-15.5						
Refrigerant	Type/GWP	R-410A/2,087.5								
	Charge	kg/TCO ₂ eq	2.9/6.1	2.9/6.1		4.0/8.4	2.9/6.1		4.0/8.4	
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240						3N~/50/380-415	

Contains fluorinated greenhouse gases

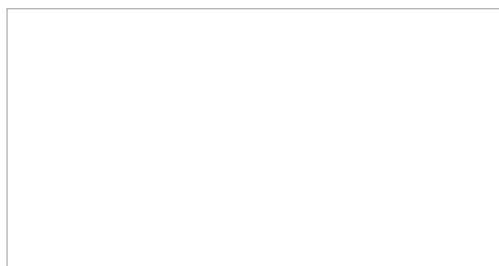
 Combination with Seasonal Classic ensures good value for money for all types of commercial applications

Efficiency data		FBQ + RZQSG	71D + 71L3V1	100D + 100L9V1	125D + 125L9V1	140D + 140L9V1	100D + 100L8Y1	125D + 125L8Y1	140D + 140LY1	
Cooling capacity	Nom.	kW	6.8	9.5	12.0	13.4	9.5	12.0	13.4	
Heating capacity	Nom.	kW	7.50	10.80	13.50	15.50	10.80	13.50	15.50	
Power input	Cooling	Nom.	1.89	2.49	3.63	4.00	2.49	3.63	4.00	
	Heating	Nom.	1.87	2.45	3.46	4.31	2.45	3.46	4.31	
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A++	A+	A++	-	A+	A++	-	
		Pdesign	6.80	9.50	12.00	-	9.50	12.00	-	
		SEER	6.16	5.87	6.11	-	5.87	6.11	-	
	Heating (Average climate)	Annual energy consumption	kWh	386	566	687	-	566	687	
		Energy label	A+		A+		A++		A+	
		Pdesign	6.00	11.30	12.70	-	11.30	12.70	-	
Nominal efficiency	EER	SCOP	4.31	4.78	4.28	-	4.78	4.28	-	
		Annual energy consumption	kWh	1,949	3,310	4,154	-	3,310	4,154	
	COP	Annual energy consumption	kWh	3.60	3.81	3.31	3.35	3.81	3.31	
		Energy label	Cooling/Heating	A/A	A/A	-	-	A/A	-	

EER/COP according to Eurovent 2012, for use outside EU only | Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load

Outdoor unit		RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1	
Dimensions	Unit	HeightxWidthxDepth	770x900x320	1,430x940x320						
Sound power level	Cooling	dB(A)	65	66	67	69	66	67	69	
Sound pressure level	Cooling	Nom.	49	50	51	52	50	51	52	
	Heating	Nom.	51	52	53		52	53		
	Night quiet mode	Level 1	45					45		
Operation range	Cooling	Ambient	-15~-46						-15~-50	
	Heating	Ambient	-15~-15.5						-20~-15.5	
Refrigerant	Type/GWP	R-410A/2,087.5								
	Charge	kg/TCO ₂ eq	2.75/5.7	4.0/8.4			4.0/8.4			
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240			3N~/50/380-415				

Contains fluorinated greenhouse gases



ECPEN15 - 102A xxx - 04/15



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The present publication supersedes ECPEN15-102. Printed on non-chlorinated paper.