



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.	kW	0.041		0.045	0.092	0.095	0.095	0.121	0.157	0.214	0.243				
	Heating	Nom.	kW	0.038		0.042	0.089	0.092	0.092	0.118	0.154	0.211	0.240				
Dimensions	Unit	Height	mm	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	m ³ /min	8.7/7.5/6.5	9.7/5.5/6.5	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	m ³ /min	8.7/7.5/6.5	9.7/5.5/6.5	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.	dBA	54		55	60		59	61		64				
Sound pressure level	Cooling	High/Nom./Low	dBA	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	dBA	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	mm	245x700x800		245x1,000x800	
Sound power level	Cooling		dBA	60			
Sound pressure level	Cooling	High/Nom./Low	dBA	35/32/29			30/28/25
	Heating	High/Nom./Low	dBA	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	4.0	5.0	5.7
Heating capacity	Nom.		kW	4.00	5.50	7.00	
Power input	Cooling	Nom.	kW	0.85	1.42	1.65	
	Heating	Nom.	kW	1.00	1.44	1.89	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++			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 label		A+			A+
		Pdesign	kW	2.90	4.40	4.60	
Nominal efficiency	EER	SCOP		4.07	4.06	4.01	
		Annual energy consumption	kWh	998	1,517	1,606	
	COP	EER		3.99	3.52	3.45	
		Annual energy consumption	kWh	402	3.83	3.71	
Energy label	Cooling/Heating		426	710	826		

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	mm	550x765x285		735x825x300	
Sound power level	Cooling		dBA	61			62
	Heating		dBA	61			62
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	48/-/-44		48/-/44/-	
	Heating	High/Nom./Low/Silent operation	dBA	48/-/-45		49/-/46/-	
	Night quiet mode	Level 1	dBA				
Operation range	Cooling	Ambient	Min.-Max.	-10~46			
	Heating	Ambient	Min.-Max.	-15~18			
Refrigerant	Type/GWP			R-410A/2,087.5			
Power supply	Charge		kg/TCO ₂ eq	1.2/2.5		1.7/3.5	
	Phase/Frequency/Voltage		Hz/V	1~/50/220-240		1~/50/220-230-240	

Contains fluorinated greenhouse gases

Seasonal Smart

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.	kW	1.89	2.84	3.72	4.38	2.84	3.72	4.38
	Heating	Nom.	kW	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	kW	6.80	9.50	12.00	-	9.50	12.00	-
		SEER		6.16	5.61	5.47	-	5.61	5.47	-
	Annual energy consumption	kWh	386	593	768	-	593	768	-	
	Heating (Average climate)	Energy label		A+		-	-	A+		-
		Pdesign	kW	6.00	7.60		-	-	7.60	
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	-		
Nominal efficiency	EER		3.60	3.35	3.23	3.06	3.35	3.23	3.06	
	COP		4.01	3.67	3.63	3.40	3.67	3.63	3.40	
	Annual energy consumption	kWh	944	1,418	1,858	2,190	1,418	1,858	2,190	
	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	mm	990x940x320		990x940x320		1,430x940x320		1,430x940x320	
Sound power level	Cooling		dBA	64		70		69		70	
Sound pressure level	Cooling	Nom.	dBA	48	53	54	53		54	53	
	Heating	Nom.	dBA	50	57	58	54	57	58	54	
Operation range	Night quiet mode	Level 1	dBA	43		49					
	Cooling	Ambient	Min.-Max.	°CDB -15~-50		-15~46					
	Heating	Ambient	Min.-Max.	°CWB -20~-15.5							
Refrigerant	Type/GWP			R-410A/2,087.5							
Power supply	Charge		kg/TCO ₂ eq	2.9/6.1		2.9/6.1		4.0/8.4		2.9/6.1	
	Phase/Frequency/Voltage		Hz/V	1~/50/220-240		1~/50/220-240		3N~/50/380-415		4.0/8.4	

Contains fluorinated greenhouse gases

Seasonal Classic

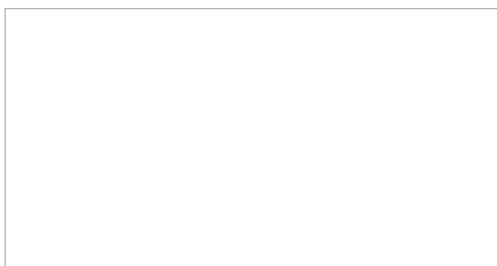
Combination with Seasonal Classic ensures good value for money for all types of commercial applications

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.	kW	1.89	2.49	3.63	4.00	2.49	3.63	4.00	
	Heating	Nom.	kW	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	kW	6.80	9.50	12.00	-	9.50	12.00	-	
		SEER		6.16	5.87	6.11	-	5.87	6.11	-	
	Annual energy consumption	kWh	386	566	687	-	566	687	-		
	Heating (Average climate)	Energy label		A+		A+	-	A++		A+	-
		Pdesign	kW	6.00	11.30	12.70	-	11.30	12.70	-	
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	-			
Nominal efficiency	EER		3.60	3.81	3.31	3.35	3.81	3.31	3.35		
	COP		4.01	4.41	3.90	3.60	4.41	3.90	3.60		
	Annual energy consumption	kWh	944	1,247	1,813	2,000	1,247	1,813	2,000		
	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	mm	770x900x320		1,430x940x320					
Sound power level	Cooling		dBA	65		66		67		69	
Sound pressure level	Cooling	Nom.	dBA	49		50		51		52	
	Heating	Nom.	dBA	51		52		53		52	
Operation range	Night quiet mode	Level 1	dBA	-							
	Cooling	Ambient	Min.-Max.	°CDB -15~-46				-15~50			
	Heating	Ambient	Min.-Max.	°CWB -15~-15.5							
Refrigerant	Type/GWP			R-410A/2,087.5							
Power supply	Charge		kg/TCO ₂ eq	2.75/5.7		4.0/8.4		4.0/8.4		4.0/8.4	
	Phase/Frequency/Voltage		Hz/V	1~/50/220-240		1~/50/220-240		3N~/50/380-415			

Contains fluorinated greenhouse gases



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