



FXSQ20-32P



BRC1E52A/B

BRC4C65



FXSQ-P

## Concealed Ceiling Unit

Medium static pressure VRV Indoor unit

The FXSQ-P concealed ceiling unit features a 3-step airflow control, which offers improved comfort, energy consumption is reduced by 20%, compared with the FXSQ-M8 series, thanks to the use of a new DC fan. The unit is ideal for shops and medium sized offices, because it can be used with ducts of varying lengths.

### Features and Benefits

#### Easy to use controller

The new wired controller (BRC1E52A/B) allows easy navigation through menu items, via a personalised display and minimal buttons. A 7-day schedule timer enables users to programme the air conditioning daily or weekly, with up to five different actions per day possible.

#### Versatile solution for many systems

- › Allows multi-tenant applications (option PCB required)
- › Up to 120 Pa external static pressure facilitates use with flexible lengths of ducts

#### Easy installation

- › Air flow is adjusted automatically towards the nominal air flow rate
- › Drain-up pump with 624mm lift fitted as standard

#### Flexible airflow options

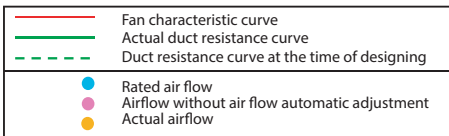
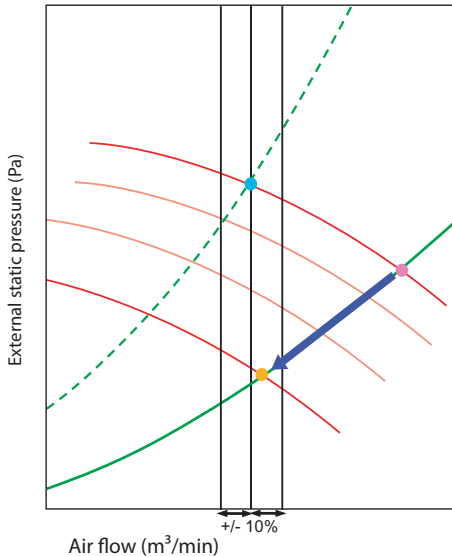
- › 3-step airflow control
- › ESP can be changed via wired remote control, to optimise the supply air volume

#### Installing and commissioning the system

- › The installer calculates the total duct resistance to determine the required ESP
- › During testing, the unit will automatically select the correct fan curve for the nominal air flow rate
- › Thanks to the high number of fan curves available, adjustments to duct work can be avoided, leading to quicker installation

INDOOR UNIT			FXSQ20P	FXSQ25P	FXSQ32P	FXSQ40P	FXSQ50P	FXSQ63P	FXSQ80P	FXSQ100P	FXSQ125P	FXSQ140P		
Cooling capacity	Nom.	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0		
Heating capacity	Nom.	kW	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		0.044	0.097		0.074	0.118	0.117	0.185	0.261		
	Heating	Nom.	0.029		0.032	0.085		0.062	0.106	0.105	0.173	0.249		
Casing Colour	Unpainted													
Dimensions	Unit	HeightxWidthxDepth	300x550x700			300x700x700			300x1,000x700		300x1,400x700			
Required ceiling void >			350											
Weight	Unit	kg	23			26			35		46		47	
Decoration panel	Model			BYBS32DJW1			BYBS45DJW1			BYBS71DJW1		BYBS125DJW1		
	Colour	White (10Y9/0.5)												
	Dimensions	HeightxWidthxDepth	55x650x500			55x800x500			55x1,100x500		55x1,500x500			
	Weight	kg	3.0			3.5			4.5		6.5			
Fan-Air flow rate - 50Hz	Cooling	High/Low	m <sup>3</sup> /min		9/6.5	9.5/7		16/11	19.5/16	25/20	32/23	39/28	46/32	
	Heating	High/Low	m <sup>3</sup> /min		9/6.5	9.5/7		16/11	19.5/16	25/20	32/23	39/28	46/32	
Fan-External static pressure - 50Hz	High/Nom.	Pa	70/30			100/30			100/40	120/40	120/50	140/50		
Sound power level	Cooling	Nom.	dB(A)		55	56		63	59	63	61	66	67	
Sound pressure level	Cooling	High/Low	dB(A)		32/26	33/27		37/29	37/30	38/32		40/33	42/34	
	Heating	High/Low	dB(A)		32/26	33/27		37/29	37/30	38/32		40/33	42/34	
Refrigerant	Type	R-410A												
Piping connections	Liquid/OD/Gas/OD/Drain	mm	6.35/12.7/VP25 (O.D. 32 / I.D. 25)						9.52/15.9/VP25 (O.D. 32 / I.D. 25)					
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220											
Current - 50Hz	Maximum fuse amps (MFA)	A	16											

See databook for option details.



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



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