



# FXSQ-P

## Concealed Ceiling Unit



BRC1E51



BRC1D52



BRC4C65



FXSQ20,25,32P

- Reduction of power consumption of 20% (compared to FXSQ-M8 series) through use of new DC fan
- Improved comfort thanks to 3-step airflow control
- External static pressure up to 120 Pa facilitates the use with flexible ducts of varying lengths: ideal for shops and medium size offices
- Possibility to change ESP through wired remote control allows optimisation of the supply air volume
- Allows multi tenant applications (option PCB required)
- Easy installation thanks to automatic air flow adjustment towards nominal air flow rate
- Drain-up pump with 624mm lift fitted as standard

### How does it work?

- Installer calculates the total duct resistance to determine the required ESP
- During test run, the unit will automatically select the correct fan curve (more than 8 fan curves available) guaranteeing the nominal AFR
- Thanks to the high number of fan curves available, adjustments to duct work can be avoided, resulting in a quicker installation process.

### Reduced installation time

- After installation, it is possible that the actual duct resistance is lower than expected at the time of designing. As a consequence the air flow will be too high. With the automatic air flow adjustment function the unit can adapt its fan speed to a lower curve, so the air flow decreases
- The air flow will always be within 10% of the rated air flow because of the amount of possible fan curves (more than 8 fan curves available per model)
- Alternatively the installer can manually select a fan curve with the wired remote control.

FXSQ-P7V3B			20	25	32	40	50	63	80	100	125	140								
<b>Indoor Units</b>																				
Capacity	Cooling	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00								
	Heating	kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00	18.00								
Power input	Cooling	kW	0.073		0.079	0.192	0.192	0.142	0.163	0.247	0.303	0.261								
	Heating	kW	0.073		0.079	0.192	0.192	0.142	0.163	0.247	0.303	0.249								
Dimensions	(Height x Width x Depth)		300x550x700			300x700x700		300x1000x700		300x1400x700										
Weight			23			26		35		46										
Air Flow Rate	Cooling	High/Low	m³/min		9.00 / 6.50	9.50 / 7.00	16.00 / 11.00		13.50 / 16.00		25.00 / 20.00		32.00 / 23.00		39.00 / 28.00		46.00 / 32.00			
	Heating	High/Low	m³/min		9.00 / 6.50	9.50 / 7.00	16.00 / 11.00		13.50 / 16.00		25.00 / 20.00		32.00 / 23.00		39.00 / 28.00		46.00 / 32.00			
External Static Pressure	High / Standard		Pa		70 / 30		100 / 30		100 / 40		120 / 40		120 / 50		140 / 50					
Sound power (nominal)	Cooling		dBA		55.0		56.0		63.0		59.0		63.0		61.0		66.0		67.00	
Sound Pressure	Cooling	High/Low	dBA		32.0 / 26.0		33.0 / 27.0		37.0 / 29.0		37.0 / 30.0		38.0 / 32.0		40.0 / 33.0		42.00 / 34.00			
	Heating	High/Low	dBA		32.0 / 26.0		33.0 / 27.0		37.0 / 29.0		37.0 / 30.0		38.0 / 32.0		40.0 / 33.0		42.00 / 34.00			
Refrigerant			R-410A																	
Power Supply			1~/220-240V/50Hz																	
Piping connections	Liquid (OD)/Gas/Drain (OD)	mm	6.35 / 12.7 / 32								9.5 / 15.9 / 32									
Decoration Panel	Model		BYBS32DJW1			BYBS45DJW1		BYBS71DJW1		BYBS125DJW1										
	Colour		White (10Y9/0.5)																	
	HeightxWidthxDepth	mm	55x650x500			55x800x500		55x1100x500		55x1500x500										
Weight	kg	3			3.5		4.5		6.5											