



FXSQ20-32P



FXMQ20-32P7



BRC1E52A/B BRC4C65

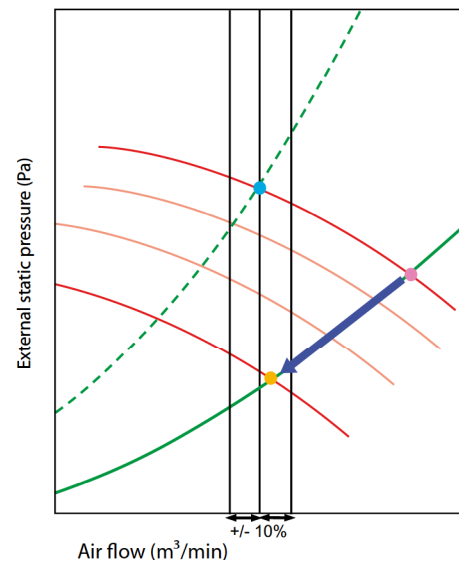
- › Easy installation thanks to automatic air flow adjustment towards nominal air flow rate
- › Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- › Low energy consumption thanks to DC fan motor
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Up to 140Pa external static pressure (ESP) facilitates using flexible ducts of varying lengths: ideal for shops and medium size offices (FXSQ)
- › Up to 200Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas (FXMQ)
- › The air suction direction can be altered from rear to bottom suction
- › Standard built-in drain pump increases reliability of the drain system

Easy installation thanks to automatic air flow adjustment towards nominal air flow: Installation made easier

Reduced installation time

- › After installation, it is possible that the actual duct resistance is lower than expected at 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.

	Fan characteristic curve
	Actual duct resistance curve
	Duct resistance curve at the time of designing
	Rated air flow
	Airflow without air flow automatic adjustment
	Actual airflow



FXSQ-P-Medium static pressure

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.	kW	0.041		0.044	0.097		0.074	0.118	0.117	0.185	0.261					
	Heating	Nom.	kW	0.029		0.032	0.085		0.062	0.106	0.105	0.173	0.249					
Casing Colour	Unpainted																	
Dimensions	Unit	HeightxWidthxDepth	mm	300x550x700			300x700x700			300x1,000x700			300x1,400x700					
Required ceiling void >				350														
Weight	Unit				23			26			35			46		47		
Decoration panel	Model				BYBS32DJW1			BYBS45DJW1			BYBS71DJW1			BYBS125DJW1				
	Colour	White (10Y9/0.5)																
Fan-Air flow rate - 50Hz	Cooling	High/Low	m³/min	3.0		9.5/7		16/11		19.5/16		25/20		32/23		39/28		46/32
				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.				70/30			100/30			100/40		120/40		120/50		140/50	
		Cooling	Nom.	dBA	55		56		63		59		63		61		66	67
Sound pressure level	Cooling	High/Low	dBA	32/26		33/27		37/29		37/30		38/32		40/33		42/34		
				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				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				1~/50/60/220-240/220													
Current - 50Hz	Maximum fuse amps (MFA)				16													