



FXSQ20-32P



FXMQ20-32P7



BRC1E52A/B BRC4C65

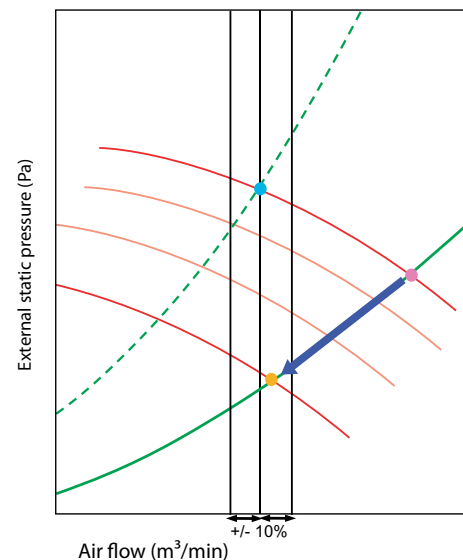
- › Easy installation thanks to automatic air flow adjustment towards nominal air flow rate
- › Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- › Low energy consumption thanks to DC fan motor
- › Possibility to change ESP via wired remote control allows 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.	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		
Decoration panel	Model	BYBS32DJW1 BYBS45DJW1 BYBS71DJW1 BYBS125DJW1												
	Colour	White (10Y9/0.5)												
Dimensions	Unit	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	9/6.5		9.5/7	16/11		19.5/16	25/20	32/23	39/28	46/32		
	Heating	High/Low	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.	55		56	63		59	63	61	66	67		
	Heating	High/Low	32/26		33/27	37/29		37/30	38/32	40/33	42/34			
Sound pressure level	Cooling	High/Low	32/26		33/27	37/29		37/30	38/32	40/33	42/34			
	Heating	High/Low	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											



FXMQ-P7-High static pressure

INDOOR UNIT				FXMQ20P7	FXMQ25P7	FXMQ32P7	FXMQ40P7	FXMQ50P7	FXMQ63P7	FXMQ80P7	FXMQ100P7	FXMQ125P7
Cooling capacity	Nom.	kW		2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity	Nom.	kW		2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Power input - 50Hz	Cooling	Nom.	kW	0.049		0.053	0.151	0.110	0.120	0.171	0.176	0.241
	Heating	Nom.	kW	0.037		0.041	0.139	0.098	0.108	0.159	0.164	0.229
Casing Colour				Unpainted								
Dimensions	Unit	HeightxWidthxDepth	mm	300x550x700			300x700x700	300x1,000x700			300x1,400x700	
Required ceiling void >				mm								
				350								
Weight	Unit		kg	23			26	35			46	
Decoration panel	Model			BYBS32DJW1			BYBS45DJW1	BYBS71DJW1			BYBS125DJW1	
	Colour			White (10Y9/0.5)								
	Dimensions	HeightxWidthxDepth	mm	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 ³ /min	9/6.5		9.5/7	16/11	18/15	19.5/16	25/20	32/23	39/28
	Heating	High/Low	m ³ /min	9.0/6.5		9.5/7	16/11	18/15	19.5/16	25/20	32/23	39/28
Fan-External static pressure - 50Hz	High/Nom.		Pa	100/50			160/100	200/100				
Sound power level	Cooling	High/Nom.	dB(A)	56/-		57/-	65/-	61/-	64/-	67/-	65/-	70/-
	Heating	High/Nom./Low	dB(A)	33/31/29		34/32/30	39/37/35	41/39/37	42/40/38	43/41/39		44/42/40
Sound pressure level	Cooling	High/Nom./Low	dB(A)	33/31/29		34/32/30	39/37/35	41/39/37	42/40/38	43/41/39		44/42/40
	Heating	High/Nom./Low	dB(A)	33/31/29		34/32/30	39/37/35	41/39/37	42/40/38	43/41/39		44/42/40
Refrigerant				Type				R-410A				
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP25 (I.D. 25/O.D. 32)				9.52/15.9/VP25 (I.D. 25/O.D. 32)				
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220								
Current - 50Hz	Maximum fuse amps (MFA)		A	16								