

Air conditioners

# Heating & Cooling

**SkyAir**

- » For hotel bedrooms
- » Discretely concealed in ceiling
- » As silent as rustling leaves
- » Weekly timer
- » Standard air filter for a steady supply of clean air

Concealed ceiling unit



[www.daikin.eu](http://www.daikin.eu)



FDBQ-B



Inverter



Energy efficiency



Fan only



Auto cooling/heating changeover



Whisper quiet



Outdoor unit silent operation



Night quiet mode (cooling only)



Fan speed 2 steps



Dry programme



Air filter



Auto restart



Self diagnosis



Multi model application



VRV for residential application

## Heating & Cooling

INDOOR UNIT				FDBQ25B	
Casing	Material			Zinc coated low carbon steel	
Dimensions	Unit	HeightxWidthxDepth	mm	230x652x502	
Weight	Unit			kg	
Fan - Air flow rate	Cooling	High/Low	m <sup>3</sup> /min	6.50/5.20	
	Heating	High/Low	m <sup>3</sup> /min	6.95/5.20	
Sound power level	Cooling	High/Low	dBA	55.0/49.0	
	Heating	High/Low	dBA	55.0/49.0	
Sound pressure level	Cooling	High/Low	dBA	35.0/28.0	
	Heating	High/Low	dBA	35.0/29.0	
Piping connections	Liquid	OD	mm	6.35	
	Gas	OD	mm	9.52	
	Drain			27.2	
Power supply	Phase / Frequency / Voltage			Hz / V	
				1~ / 50 / 230	

(1) Sound values are measured in a semi-anechoic room. (2) Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings. (3) The sound power level is an absolute value indicating the power which a sound source generates.

OUTDOOR UNIT				3MXS40K	3MXS68G	4MXS68F	3MXS52E	4MXS80E	5MXS90E	
Dimensions	Unit	HeightxWidthxDepth	mm	735x936x300			735x936x300		770x900x320	
Weight	Unit			kg		kg		kg		
Fan	Air flow rate	Cooling	High / Nom / Low	m <sup>3</sup> /min	45 / - / 41	52.7 / 49.4 / 43.5	52.7 / 49.4 / 43.5	45 / - / 45	54.5 / - / 46.0	57.1 / 54.5 / 46.0
		Heating	High / Nom / Low	m <sup>3</sup> /min	45 / - / 41	46.4 / 44.5 / 16.3	46.4 / 44.5 / 16.3	45 / - / 41	46.0 / - / 14.7	52.5 / - / 14.7
Sound power level	Cooling	Nom.		dBA	59	61	59	62	66	
Sound pressure level	Cooling	Nom.		dBA	46	48	46	48	52	
	Heating	Nom.		dBA	47	49	47	49	52	
Compressor	Type			Hermetically sealed swing compressor			Hermetically sealed swing compressor			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46			-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5			-15~15.5		
Refrigerant	Type			R-410A			R-410A			
Piping connections	Liquid	OD	mm	6.35			6.35			
	Gas	OD	mm	9.5			9.52			
	Drain	OD	mm	18			18		25	
	Gas 2	OD	mm	-	12.7		12.7		-	
	Gas 3	OD	mm	-	-		-		15.9	
	Additional refrigerant charge			kg/m	-			-		
	Level difference	IU - OU	Max.	m	15			15		
IU - IU		Max.	m	7.5			7.5			
Power supply	Phase / Frequency / Voltage			Hz / V			1~ / 50 / 230		1~ / 50 / 230	



Indoor unit FDBQ-B

Wired remote control  
BRC1E52A/B

Outdoor unit MXS-K

CONNECTABLE OUTDOOR UNITS				RXYSQ4P8V1	RXYSQ5P8V1	RXYSQ6P8V1
Capacity range			HP	4	5	6
Cooling capacity	Nom.		kW	11.2	14.0	15.5
Heating capacity	Nom.		kW	12.5	16.0	18.0
Power input - 50Hz	Cooling	Nom.	kW	2.81	3.51	4.53
	Heating	Nom.	kW	2.74	3.86	4.57
EER				3.99	3.99	3.42
COP				4.56	4.15	3.94
Maximum number of connectable indoor units				6	8	9
Dimensions	Unit	HeightxWidthxDepth	mm	1,345x900x320		
Weight	Unit		kg	120		
Sound power level	Cooling	Nom.	dBA	66	67	69
Sound pressure level	Cooling	Nom.	dBA	50	51	53
	Heating	Nom.	dBA	52	53	55
Operation range	Cooling	Min.~Max.	°CDB	-5~46		
	Heating	Min.~Max.	°CWB	-20~15.5		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	9.52		
	Gas	OD	mm	19.1		
	Piping length	OU - IU	Max.	150		
	Total piping length	System	Actual	115	135	145
	Level difference	OU - IU	m	40 (Outdoor unit in highest position) / 30 (Indoor unit in highest position)		
Power supply	Phase/Frequency/Voltage		Hz/V	1N~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A	32.0		

BRANCH PROVIDER			BPMKS967B2	BPMKS967B3
Connectable indoor units			1~2	1~3
Max. indoor unit connectable capacity			14.2	20.8
Max. connectable combination			71+71	60+71+71
Dimensions	Height x Width x Depth	mm	180x294x350	
Weight		kg	7	8



BPMKS



Outdoor unit RXYSQ



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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