



Air conditioners

Heating & Cooling

Multi model application

- » **Up to five indoor units on one outdoor unit**
- » **Individual control per room**
- » **Combination of different indoor models**
- » **Inverter controlled**



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MXS



Combining highest efficiency and year-round comfort with a heat pump system



Did you know that ...

Air conditioners, also known as heat pumps, obtain 75% of their output energy from renewable sources: the ambient air, which is both renewable and inexhaustible*. Of course, heat pumps also require electricity to run the system, but increasingly this electricity can also be generated from renewable energy sources (solar energy, wind energy, hydropower, biomass). A heat pump's efficiency is measured in COP (Coefficient Of Performance) for heating and EER (Energy Efficiency Ratio) for cooling.

* EU objective COM (2008)/30

Inverter technology

Daikin's inverter technology is a true innovation in the field of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement - no more, no less! This technology provides you with two concrete benefits:

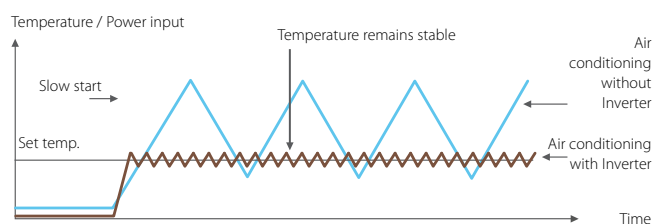
► Comfort

The inverter repays its investment many times over by improving comfort. An air conditioning system with an inverter continuously adjusts its cooling and heating output to suit the temperature in the room thus improving comfort levels. The inverter reduces system start-up time enabling the required room temperature to be reached more quickly. As soon as the correct temperature is reached, the inverter ensures that it is constantly maintained.

► Energy efficient

Because an inverter monitors and adjusts ambient temperature whenever needed, energy consumption drops by 30% compared to a traditional on/off system! (non-inverter).

Heating operation:



Multi system

Multi inverter controlled outdoor units can operate with 2, 3, 4 or even 5 indoor units.



The Benefits of a Multi system

› Air conditioning in every room

A Multi system allows up to five indoor units to operate from a single outdoor unit, thereby reducing installation space and costs. All indoor units can be individually controlled and do not need to be installed in the same room or at the same time - extra units (up to a maximum of 9) can be added later.

› The widest choice

Different types of indoor units — wall mounted, concealed ceiling, floor standing, cassettes etc - in different capacities can be mixed together in Multi system applications. Thus the ideal indoor unit can be selected for your bedroom, living room, office or wherever, according to the installation surface or personal requirements.

› An ideal indoor climate

A single outdoor unit can heat up or cool down a complete house, office or small shop at different times. A pleasant climate can be enjoyed whilst working at the desk in the afternoon, as well as a constant temperature in the living room and cool bedrooms in the evening.

Slim design for flexible installation

› A wide range of stylish indoor units can be connected to this multi outdoor unit:

› **Daikin Emura:** remarkable blend of iconic design and engineering excellence is finished in brushed aluminium or matt crystal white. Daikin Emura received a good design award, IF product design award 2010 and reddot design award honourable mention 2010.

› **Nexura:** the first stylish floor standing unit with a unique radiant heat panel. This panel radiates additional heat to improve your comfort on cold days.

› **Round flow cassette with auto cleaning decoration panel:** Daikin is the first to introduce the auto cleaning cassette to the European market. This function ensures easy removal of dust with a vacuum cleaner without opening the unit resulting in lower maintenance costs. The round flow cassette received a good design award.



Heating & Cooling

CONNECTABLE INDOOR UNITS	Wall mounted												Slim concealed ceiling				Floor standing						Flexi type			Round flow cassette			4-way blow cassette				Concealed ceiling				Ceiling suspended									
	FTXG-J				FTX-JV				FTXS-J/G				FDXS-E/C				FVXG-K			FVXS-F			FLXS-B			FCQ-C8			FFQ-BV				FDBQ-B/FBQ-C				FHQ-B									
	25	35	50		25	35	50		20	25	35	42	50	60	71	25	35	50	60	25	35	50	25	35	50	25	35	50	60	35	50	60	25	35	50	60	25	35	50	60	35	50	60			
2MXS40H	●	●			●	●			●	●	●	●				●	●	●		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
2MXS50H	●	●	●		●	●	●		●	●	●	●				●	●	●		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
3MXS52E	●	●	●		●	●	●		●	●	●	●				●	●	●		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
3MXS68G	●	●	●		●	●	●		●	●	●	●				●	●	●		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
4MXS68F	●	●	●		●	●	●		●	●	●	●				●	●	●		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
4MXS80E	●	●	●		●	●	●		●	●	●	●				●	●	●		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
5MXS90E	●	●	●		●	●	●		●	●	●	●				●	●	●		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

1. Following combination is not possible: 25+25+25+25
 2. Following combination is not possible: 20+25+25+35+50, 20+25+35+35+35, 25+25+35+35+35



CONNECTABLE INDOOR UNITS				FTXG25J-W		FTXG35J-W		FTXG50J-W	
INDOOR UNIT									
Casing	colour			White					
Dimensions	unit	heightxwidthxdepth	mm	295x915x155					
Weight	unit		kg	11					
Fan - Air flow rate	cooling	high/nom./low/silent operation	m ³ /min	8.8/6.8/4.7/3.8		10.1/7.3/4.6/3.9		10.3/8.5/6.7/5.7	
	heating	high/nom./low/silent operation	m ³ /min	9.6/7.9/6.2/5.4		10.8/8.6/6.4/5.6		11.4/9.8/8.1/7.1	
Sound power level	cooling	high	dB(A)	54		58		60	
	heating	high	dB(A)	55		58		60	
Sound pressure level	cooling	high/nom./low/silent operation	dB(A)	38/32/25/22		42/34/26/23		44/40/35/32	
	heating	high/nom./low/silent operation	dB(A)	39/34/28/25		42/36/29/26		44/40/35/32	
Refrigerant	type			R-410A					
Piping connections	liquid	OD	mm	6.35					
	gas	OD	mm	9.52					
	drain			18					
Power supply	phase / frequency / voltage			Hz / V 1~ / 50 / 220-240					



CONNECTABLE INDOOR UNITS				FTXG25J-S		FTXG35J-S		FTXG50J-S	
INDOOR UNIT									
Casing	colour			Silver					
Dimensions	unit	heightxwidthxdepth	mm	295x915x155					
Weight	unit		kg	11					
Fan - Air flow rate	cooling	high/nom./low/silent operation	m ³ /min	8.8/6.8/4.7/3.8		10.1/7.3/4.6/3.9		10.3/8.5/6.7/5.7	
	heating	high/nom./low/silent operation	m ³ /min	9.6/7.9/6.2/5.4		10.8/8.6/6.4/5.6		11.4/9.8/8.1/7.1	
Sound power level	cooling	high	dB(A)	54		58		60	
	heating	high	dB(A)	55		58		60	
Sound pressure level	cooling	high/nom./low/silent operation	dB(A)	38/32/25/22		42/34/26/23		44/40/35/32	
	heating	high/nom./low/silent operation	dB(A)	39/34/28/25		42/36/29/26		44/40/35/32	
Refrigerant	type			R-410A					
Piping connections	liquid	OD	mm	6.35					
	gas	OD	mm	9.52					
	drain			18					
Power supply	phase / frequency / voltage			Hz / V 1~ / 50 / 220-240					



CONNECTABLE INDOOR UNITS				FTX20JV		FTX25JV		FTX35JV	
INDOOR UNITS									
Casing	colour			White					
Dimensions	unit	heightxwidthxdepth	mm	283x770x198					
Weight	unit		kg	7					
Sound power level	cooling	high	dB(A)	55		56		57	
	heating	high	dB(A)	55		56		57	
Sound pressure level	cooling	high/nom./low/silent operation	dB(A)	39/33/25/22		40/33/26/22		41/34/27/23	
	heating	high/nom./low/silent operation	dB(A)	39/34/28/25		40/34/28/25		41/35/29/26	
Refrigerant	type			R-410A					
Piping connections	drain			-					
Power supply	phase / frequency / voltage			Hz / V 1~ / 50 / 220-230-240					



CONNECTABLE INDOOR UNITS				FTXS20J		FTXS25J		FTXS35J		FTXS42J		FTXS50J		FTXS60G		FTXS71G	
INDOOR UNIT																	
Casing	colour			White													
Dimensions	unit	heightxwidthxdepth	mm	295x800x215						290x1,050x250							
Weight	unit		kg	9				10				12					
Fan - Air flow rate	cooling	high/nom./low/silent operation	m ³ /min	9.4/7.4/5.5/4.1		10.8/7.9/5.2/3.7		11.4/8.7/5.8/4.4		11.3/9.0/6.8/5.9		11.6/9.2/7.0/6.0		16.0/13.5/11.3/10.1		17.4/-/-/-	
	heating	high/nom./low/silent operation	m ³ /min	9.9/8.2/6.6/6.2		11.9/9.1/6.4/5.9		12.4/9.5/6.8/6.0		12.2/9.7/7.3/6.4		12.1/9.8/7.6/6.7		17.2/14.9/12.6/11.3		19.7/-/-/-	
Sound power level	cooling	nom.	dB(A)	54		57		61		62		-/61		62/-			
	heating	nom.	dB(A)	54		58		61		63		-/60		62/-			
Sound pressure level	cooling	high/nom./low/silent operation	dB(A)	38/32/25/22		41/33/25/22		45/37/29/23		45/39/33/30		46/40/34/31		45/41/36/33		46/42/37/34	
	heating	high/nom./low/silent operation	dB(A)	38/33/28/25		42/35/28/25		45/39/29/26		45/39/33/30		47/41/34/31		44/40/35/32		46/42/37/34	
Refrigerant	type			R-410A													
Piping connections	liquid	OD	mm	6.35													
	gas	OD	mm	9.52						12.7		15.9					
	drain			I.D. 14.0/O.D. 18.0						18.0							
Power supply	phase / frequency / voltage			Hz / V 1~ / 50 / 220-240						1~ / 50 / 220-230-240							



CONNECTABLE INDOOR UNITS				FVXG25K	FVXG35K	FVXG50K
INDOOR UNIT				Fresh white (6.5Y 9.5/0.5)		
Casing	colour			600x950x215		
Dimensions	unit	heightxwidthxdepth	mm	600x950x215		
Weight	unit		kg	22		
Fan - Air flow rate	cooling	high/nom./low/silent operation	m ³ /min	8.9/7.0/5.3/4.5	9.1/7.2/5.3/4.5	10.6/8.9/7.3/6.0
	heating	high/nom./low/silent operation	m ³ /min	9.9/7.8/5.7/4.7	10.2/8.0/5.8/5.0	12.2/10.0/7.8/6.8
Sound power level	cooling	nom.	dB(A)	54	55	56
	heating	nom.	dB(A)	55	56	58
Sound pressure level	cooling	high/nom./low/silent operation	dB(A)	38/32/26/23	39/33/27/24	44/40/36/32
	heating	high/nom./low/silent operation	dB(A)	39/32/26/22	40/33/27/23	46/40/34/30
Refrigerant	type			R-410A		
Piping connections	liquid	OD	mm	6.4		
	gas	OD	mm	9.5 / 9.5 / 12.7		
	drain			18.0		
Power supply	phase / frequency / voltage		Hz / V	1~ / 50 / 220-240		



CONNECTABLE INDOOR UNITS				FVXS25F	FVXS35F	FVXS50F
INDOOR UNIT				White		
Casing	colour			600x700x210		
Dimensions	unit	heightxwidthxdepth	mm	600x700x210		
Weight	unit		kg	14		
Fan - Air flow rate	cooling	high/nom./low/silent operation	m ³ /min	8.2/6.5/4.8/4.1	8.5/6.7/4.9/4.5	10.7/9.2/7.8/6.6
	heating	high/nom./low/silent operation	m ³ /min	8.8/6.9/5.0/4.4	9.4/7.3/5.2/4.7	11.8/10.1/8.5/7.1
Sound power level	cooling	high	dB(A)	54	55	56
	heating	high	dB(A)	54	55	57
Sound pressure level	cooling	high/nom./low/silent operation	dB(A)	38/32/26/23	39/33/27/24	44/40/36/32
	heating	high/nom./low/silent operation	dB(A)	38/32/26/23	39/33/27/24	45/40/36/32
Refrigerant	type			R-410A		
Piping connections	liquid	OD	mm	6.35		
	gas	OD	mm	9.52		
	drain			20		
Power supply	phase / frequency / voltage		Hz / V	1~ / 50 / 220-240		



CONNECTABLE INDOOR UNITS				FLXS25B	FLXS35B	FLXS50B	FLXS60B
INDOOR UNIT				Almond white			
Casing	colour			490x1,050x200			
Dimensions	unit	heightxwidthxdepth	mm	490x1,050x200			
Weight	unit		kg	16		17	
Fan - Air flow rate	cooling	high/nom./low/silent operation	m ³ /min	7.6/6.8/6.0/5.2	8.6/7.6/6.6/5.6	11.4/10.0/8.5/7.5	12.0/10.7/9.3/8.3
	heating	high/nom./low/silent operation	m ³ /min	9.2/8.3/7.4/6.6	9.8/8.9/8.0/7.2	12.1/9.8/7.5/6.8	12.8/10.6/8.4/7.5
Sound power level	cooling	high	dB(A)	53	54	63	64
	heating	high	dB(A)	53	55	62	63
Sound pressure level	cooling	high/nom./low/silent operation	dB(A)	37/34/31/28	38/35/32/29	47/43/39/36	48/45/41/39
	heating	high/nom./low/silent operation	dB(A)	37/34/31/29	39/36/33/30	46/41/35/33	47/42/37/34
Refrigerant	type			R-410A			
Piping connections	liquid	OD	mm	6.35			
	gas	OD	mm	9.52		12.7	
	drain			18		18	
Power supply	phase / frequency / voltage		Hz / V	1~ / 50/60 / 220-240/220-230			



CONNECTABLE INDOOR UNITS				FDXS25E	FDXS35E	FDXS50C	FDXS60C
INDOOR UNIT							
Dimensions	unit	heightxwidthxdepth	mm	200x700x620		200x900x620	200x1,100x620
Weight	unit		kg	21.0		27.0	30.0
Fan - Air flow rate	cooling	high/nom./low/silent operation	m ³ /min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
	heating	high/nom./low/silent operation	m ³ /min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
Fan - External static pressure		nom.	Pa	30		40	
Sound power level	cooling	high	dB(A)	53.0		55.0	56.0
	heating	high	dB(A)	53.0		55.0	56.0
Sound pressure level	cooling	high/nom./low/silent operation	dB(A)	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
	heating	high/nom./low/silent operation	dB(A)	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
Refrigerant	type			R-410A		R-410A	
Piping connections	liquid	OD	mm	6.35		6.35	
	gas	OD	mm	9.52		9.5	12.7
	drain			VP20 (I.D. 20/O.D. 26)		26	
Power supply	phase / frequency / voltage		Hz / V	1~ / 50/60 / 220-240/220-230		1~ / 50/60 / 220-240/220-230	



CONNECTABLE INDOOR UNITS				FBQ25B
INDOOR UNIT				
Dimensions	unit	heightxwidthxdepth	mm	230x652x502
Weight	unit		kg	17.0
Fan - Air flow rate	cooling	high/low	m ³ /min	6.50/5.20
	heating	high/low	m ³ /min	6.95/5.20
Sound power level	cooling	high/low	dB(A)	55.0/49.0
	heating	high/low	dB(A)	55.0/49.0
Sound pressure level	cooling	high/low	dB(A)	35.0/28.0
	heating	high/low	dB(A)	35.0/29.0
Refrigerant	type			R-410A
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



CONNECTABLE INDOOR UNITS				FBQ35C	FBQ50C	FBQ60C
INDOOR UNIT						
Casing	colour			Unpainted		
Dimensions	unit	heightxwidthxdepth	mm	300x700x700		300x1,000x700
Required ceiling void >			mm	350		
Weight	unit		kg	25		34
Decoration panel	model			BYBS45DJW1		BYBS71DJW1
	colour			White (10Y9/0.5)		
	dimensions	heightxwidthxdepth	mm	55x800x500		55x1,100x500
Fan - Air flow rate	weight		kg	3.5		4.5
	cooling	high/low	m ³ /min	16/11		18/15
	heating	high/low	m ³ /min	16/11		18/15
Fan - External static pressure	high/nom.		Pa	100/30		
Sound power level	cooling	high	dB(A)	63		57
Sound pressure level	cooling	high/low	dB(A)	37/29		
	heating	high/low	dB(A)	37/29		
Refrigerant	type			R-410A		
Piping connections	liquid	OD	mm	6.35		
	gas	OD	mm	9.52	12.70	
	drain			VP25 (O.D. 32 / I.D. 25)		
Power supply	phase / frequency / voltage		Hz / V	1~ / 50/60 / 220-240/220		



CONNECTABLE INDOOR UNITS				FFQ25B	FFQ35B	FFQ50B	FFQ60B
INDOOR UNIT							
Dimensions	unit	heightxwidthxdepth	mm	286x575x575			
Weight	unit		kg	17.5			
Decoration panel	model			BYFQ60BAW1			
	colour			White (RAL9010)			
	dimensions	heightxwidthxdepth	mm	55x700x700			
	weight			2.7			
Fan - Air flow rate	cooling	high/low	m ³ /min	9.0/6.5	10.0/6.5	12.0/8.0	15.0/10.0
	heating	high/low	m ³ /min	9.0/6.5	10.0/6.5	12.0/8.0	15.0/10.0
Sound power level	cooling	high	dB(A)	46.5	49.0	53.0	58.0
Sound pressure level	cooling	high/low	dB(A)	29.5/24.5	32.0/25.0	36.0/27.0	41.0/32.0
	heating	high/low	dB(A)	29.5/24.5	32.0/25.0	36.0/27.0	41.0/32.0
Refrigerant	type			R-410A			
Piping connections	liquid	OD	mm	6.35			
	gas	OD	mm	9.52			12.7
	drain			26			
Power supply	phase / frequency / voltage		Hz / V	1~ / 50 / 230			



CONNECTABLE INDOOR UNITS				FCQ35C8	FCQ50C8	FCQ60C8
INDOOR UNIT						
Dimensions	unit	heightxwidthxdepth	mm	204x840x840		
Weight	unit		kg	19		
Decoration panel	model			BYCQ140CW1/BYCQ140CW1W/BYCQ140CGW1		
	colour			Pure White (RAL 9010)		
	dimensions	heightxwidthxdepth	mm	50x950x950/50x950x950/130x950x950		
	weight			5.5 / 5.5 / 11.5		
Fan - Air flow rate	cooling	high/low	m ³ /min	10.5/8.5	12.5/8.5	13.5/8.5
	heating	high/low	m ³ /min	12.5/10.0	12.5/8.5	13.5/8.5
Sound power level	cooling	high	dB(A)	49		51
Sound pressure level	cooling	high/low	dB(A)	31/27		33/28
	heating	high/low	dB(A)	31/27		33/28
Refrigerant	type			R-410A		
Piping connections	liquid	OD	mm	6.35		
	gas	OD	mm	9.52		12.7
	drain			VP25 (O.D. 32 / I.D. 25)		
Power supply	phase / frequency / voltage		Hz / V	1~ / 50/60 / 220-240/220		



CONNECTABLE INDOOR UNITS				FHQ35B	FHQ50B	FHQ60B
INDOOR UNIT						
Casing	colour			White		
Dimensions	unit	heightxwidthxdepth	mm	195x960x680		195x1,160x680
Weight	unit		kg	24	25	27
Fan - Air flow rate	cooling	high/low	m ³ /min	13/10		17/13
	heating	high/low	m ³ /min	13/10		16/13
Sound power level	cooling	high/low	dB(A)	53/48	54/49	55/49
	heating	high/low	dB(A)	53/48	54/49	55/49
Sound pressure level	cooling	high/low	dB(A)	37/32	38/33	39/33
	heating	high/low	dB(A)	37/32	38/33	39/33
Refrigerant	type			R-410A		
Piping connections	liquid	OD	mm	6.35		
	gas	OD	mm	9.52		12.70
	drain			VP20 (I.D. 20/O.D. 26)		
Power supply	phase / frequency / voltage		Hz / V	1~ / 50 / 220-240		



CONNECTABLE OUTDOOR UNITS					2MXS40H	2MXS50H	3MXS68G	4MXS68F	4MXS80E	5MXS90E
OUTDOOR UNIT										
Dimensions	unit	heightxwidthxdepth	mm		550x765x285	550x765x285	735x936x300		770x900x320	
Weight	unit		kg		38	42	58		72	73
Fan - Air flow rate	cooling	high/nom./low	m ³ /min		36/33/30	37/34/34	52.7/49.4/43.5		54.5/46.0	57.1/54.5/46.0
	heating	high/nom./low	m ³ /min		32/32/32	34/34/34	46.4/44.5/16.3		46.0/14.7	52.5/14.7
Sound power level	cooling	nom.	dB(A)		62	63	61		62	66
Sound pressure level	cooling	nom.	dB(A)		47	48	48			52
	heating	nom.	dB(A)		48	50	49			52
Operation range	cooling	ambient	min.-max. °CDB		10~46					
	heating	ambient	min.-max. °CWB						-15~-46	
Refrigerant	type				R-410A					
Piping connections	liquid	OD	mm		6.35					
	gas	OD	mm		9.5		9.52			
	drain	OD	mm		18				25	
	level difference	IU - OU	Max.	m		15				
		IU - IU	Max.	m		7.5				
heat insulation					Both liquid and gas pipes					
Power supply	phase / frequency / voltage	total piping length	system	actual	m	30	50	60	70	75
					Hz / V	1~ / 50 / 220-240		1~ / 50 / 230		



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.



Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP) and Fan coil units (FCU). Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

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