



Air conditioners

Heating & Cooling



Multi model application

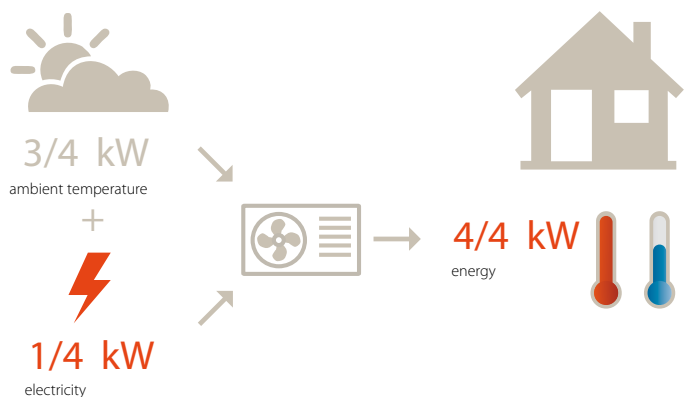
- » **For residential and light commercial applications**
- » **Energy efficient heating system**
- » **Connect up to 9 indoor units**
- » **Low energy bills and low CO₂ emissions**
- » **Combine different types of indoor units**
- » **Slim design for flexible installation**
- » **Inverter controlled**



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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:

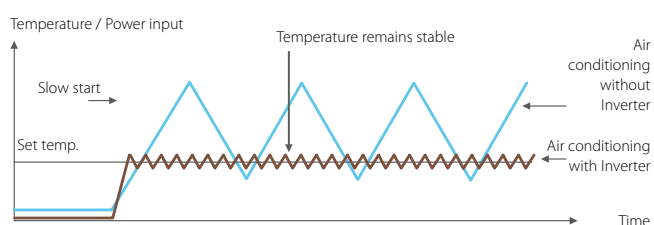
► Comfort

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:





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.

The Benefits of a Multi system

- › **Air conditioning in every room**

A Multi system allows up to 9 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 etc - in different capacities can be mixed together in multi system applications. Thus the ideal indoor unit can be selected for the 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.

- › **Silent at night:**

During the night, the sound level of the outdoor unit can be reduced for a certain period: starting time and ending time can be input via 2 modes with low operating sound level at night:

 - › Mode1: automatic mode
 - Time of maximum temperature is memorised.
 - › Mode 2: customized mode
 - Starting and ending times can be input

Energy efficiency

- › The power consumption can be limited so that other appliances that need large power consumption can be used.
- › This multi system can also be connected to VRV® indoor units. For more detailed information, please contact your local dealer.

Multi system

Multi inverter controlled outdoor units can operate with 2 and up to even 9 indoor units.





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	dBa	54		58		60	
	heating	high	dBa	55		58		60	
Sound pressure level	cooling	high/nom./low/silent operation	dBa	38/32/25/22		42/34/26/23		44/40/35/32	
	heating	high/nom./low/silent operation	dBa	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				Silver					
Dimensions				295x915x155					
Weight				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	dBa	54		58		60	
	heating	high	dBa	55		58		60	
Sound pressure level	cooling	high/nom./low/silent operation	dBa	38/32/25/22		42/34/26/23		44/40/35/32	
	heating	high/nom./low/silent operation	dBa	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				FTXS20J		FTXS25J		FTXS35J		FTXS42J		FTXS50J		FTXS60G		FTXS71G			
INDOOR UNIT																			
Casing				White															
Dimensions				295x800x215								290x1,050x250							
Weight				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.	dBa	54	57	61		62	-/61	62/-									
	heating	nom.	dBa	54	58	61		63	-/60	62/-									
Sound pressure level	cooling	high/nom./low/silent operation	dBa	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	dBa	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								R-410A							
Piping connections	liquid	OD	mm	6.35								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									
Casing				Fresh white (6.5Y 9.5/0.5)					
Dimensions				600x950x215					
Weight				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.	dBa	54		55		56	
	heating	nom.	dBa	55		56		58	
Sound pressure level	cooling	high/nom./low/silent operation	dBa	38/32/26/23		39/33/27/24		44/40/36/32	
	heating	high/nom./low/silent operation	dBa	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						
Casing	colour				White	
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		12.7
	drain				20	
Power supply	phase / frequency / voltage		Hz / V		1~ / 50 / 220-240	



CONNECTABLE INDOOR UNITS				FLXS25B	FLXS35B	FLXS50B	FLXS60B
INDOOR UNIT							
Casing	colour					Almond white	
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	dBA	53.0		55.0	56.0
	heating	high	dBA	53.0		55.0	56.0
Sound pressure level	cooling	high/nom./low/silent operation	dBA	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	dBA	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	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
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			BYB545DJW1		BYB571DJW1
	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	dBA	63		57
Sound pressure level	cooling	high/low	dBA	37/29		
	heating	high/low	dBA	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		kg	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			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		kg	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			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			1~ / 50 / 220-240		



RXYSQ-P8V1

Heating & Cooling

OUTDOOR UNIT				RXYSQ4P8V1	RXYSQ5P8V1	RXYSQ6P8V1	
Capacity range			HP	4	5	6	
Cooling capacity		nom.	kW	11.2 ¹	14.0 ¹	15.5 ¹	
Heating capacity		nom.	kW	12.5 ²	16.0 ²	18.0 ²	
Power input - 50Hz	cooling	nom.	kW	2.81	3.51	4.53	
	heating	nom.	kW	2.74	3.86	4.57	
EER				3.99		3.42	
COP				4.56	4.15	3.94	
Maximum number of connectable indoor units				6	8	9	
Dimensions	unit	heightxwidthxdepth	mm	1,345x900x320			
	packed unit	height	mm	1,524			
		width	mm	980			
		depth	mm	420			
Weight	unit		kg	120			
	packed unit		kg	130			
Sound power level	cooling	nom.	dB(A)	66	67	69	
Sound pressure level	cooling	nom.	dB(A)	50	51	53	
	heating	nom.	dB(A)	52	53	55	
Operation range	heating	min.~max.	°CWB	-20~-15.5			
Refrigerant	type			R-410A			
Piping connections	liquid	OD	mm	9.52			
	gas	OD	mm	19.1	19.1	19.1	
	total piping length	system	Actual	m	115	135	
	level difference	OU - IU	Outdoor unit in highest position/Indoor unit in highest position	m	30	30	30
		IU - IU	Max.	m	15		
Power supply	phase/frequency/voltage		Hz/V	1N~/50/220-240			
Current - 50Hz	maximum fuse amps (mfa)		A	32.0			

(1) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m (2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m (3) Sound power level is an absolute value that a sound source generates. (4) Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings. (5) Sound values are measured in a semi-anechoic room.



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	



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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