



Multi

MODEL APPLICATIONS

R-410A



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AIR CONDITIONERS FOR YOUR HOME, APARTMENTS,
SHOPS, RESTAURANTS, OFFICES, SMALL HOTELS,...

ABOUT DAIKIN

Daikin has a worldwide reputation based on over 80 years' experience in the successful manufacture of high quality air conditioning equipment for industrial, commercial and residential use.



Daikin Europe N.V.

ENVIRONMENTAL AWARENESS

Enhancing the present - safeguarding the future

Throughout the last 50 years or so the basic building blocks of life - air, water and the earth - have been systematically subjected to increasing levels of pollution with little regard to their potentially devastating effects on future generations.

Recently however, concern has grown regarding climate changes, acid rain, water and air pollution and the constant degradation of Earth's natural resources. The very technology that created these problems is now being harnessed to halt and reverse them. Depletion of the ozone layer and global warming have been highlighted and are now being addressed. Government legislation prohibiting the use of toxic substances and the generation of pollutants has slowed down the destruction of the environment.

Daikin Europe is proud to have been pro active in this respect, closely following its Japanese parent in implementing policies that have often pre-empted official legislative codes and directives. As a result, a culture of "environmental management" has since 2001, played a key role in the company's day to day activities and development strategies.

Top management commitment is reflected in the establishment of a number of action plans, which are now strictly observed and implemented throughout the Daikin Group.

**In all of us,
a green heart**



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MULTI MODEL APPLICATIONS

AIR CONDITIONING - CREATING A SENSE OF WELL-BEING

Air conditioning has become part of our daily life, providing comfort everywhere - at home, in shops, restaurants, offices and hotels. In fact, it's hard to imagine life without it. Air conditioning generates that pleasant feeling associated with an atmosphere that is close to the ideal. Air conditioning supplies pure cool air when it's hot outside. In winter or those cooler periods during spring and autumn, the heat pump can provide either cooling or heating. Daikin air conditioning provides year round comfort and wellbeing for residential, commercial and industrial applications alike.

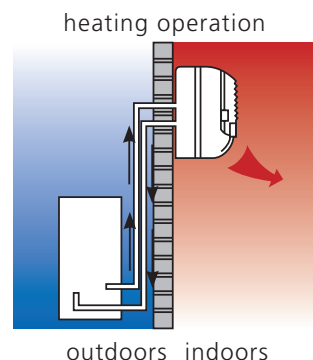
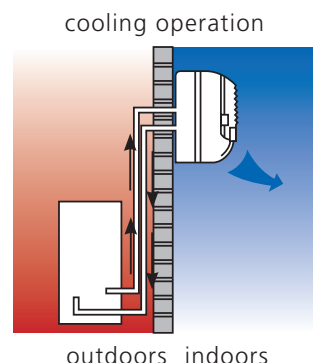
THE BASIC FACTS ABOUT AIR CONDITIONING:

› **Air conditioning for cooling**

Air conditioning works like a domestic refrigerator, continuously removing heat from the cabinet and discharging it into the kitchen. This 'free' heat can be experienced by touching the coil on the back of the refrigerator. The principle of air conditioning is exactly the same. A split system comprises an indoor and an outdoor unit, connected together by small copper tubing. In summer, the indoor unit extracts heat from the room and exhausts it via the outdoor unit outside. The indoor unit distributes cool air into the room, preventing unpleasant draughts and ensuring that the home remains cool and comfortable.

› **Air conditioning for heating**

In winter, the reverse occurs. Natural heat, which is present in the outdoor air - even when it's freezing - is extracted and transferred indoors. Air conditioners that are able to heat and cool are known as heat pump systems. A heat pump cuts down on the use of a traditional central heating, allowing it to be switched off, possibly completely during spring and autumn.



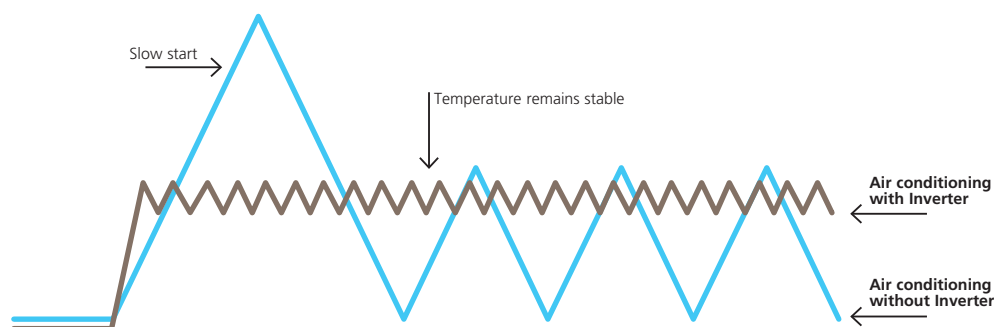
The inverter technology, developed by Daikin is a true innovation in the area of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement. No more, no less. This technology provides you with two concrete benefits:

1. **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. The inverter shortens system start-up time enabling the required room temperature to be reached more quickly. As soon as that temperature is reached, the inverter ensures that it is constantly maintained.

2. **Energy efficient**

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



THE BENEFITS OF A MULTI SYSTEM

› **Air conditioning in every room**

A Multi system allows up to 5 indoor units to operate off a single outdoor unit, thereby reducing installation space and costs. All indoor units can be individually controlled and do not need to be installed at the same time - extra units (up to a maximum of 5) 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 cool down or heat up 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.

INDOOR UNITS FOR *residential* USE

Daikin air conditioning introduces summer freshness and winter warmth into your home. Creating a perfect balance between temperature, humidity, purity and air movement... Daikin air conditioning is the modern, cost effective route to indoor comfort throughout the year.



Wall mounted unit



Wall mounted unit



Wall mounted unit



Flexi type unit
(ceiling suspended application)



Floor standing unit



Slim concealed ceiling unit

INDOOR UNITS FOR *small commercial* USE

In offices, hotels, department stores and most other commercial premises Daikin air conditioning improves the indoor environment and creates a basis for increased business prosperity – efficiently, economically and discreetly.



Concealed ceiling unit
(for hotel application)



Concealed ceiling unit



Round Flow cassette








4-way blow ceiling
mounted cassette
(600mm x 600mm)



Ceiling
suspended unit






POSSIBLE *outdoor* MODELS

OUTDOOR UNITS - cooling only

Maximum number of indoor units		2	3	4	5
2MKS~G		X			
3MKS~E			X		
4MKS~E / F	 			X	
5MKS~E					X



OUTDOOR UNITS - heat pump

Maximum number of indoor units		2	3	4	5
2MXS~G		X			
3MXS~E/G*			X		
4MXS~E/F*	 			X	
5MXS~E*					X

* Note: At least 2 indoor units should be connected to this Multi outdoor unit.

R-410A

Combination TABLE

POSSIBLE COMBINATIONS			2MKS40G	2MKS50G	3MKS50E	4MKS58E	4MKS75F	5MKS90E	2MXS40G	2MXS50G	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E	RMXS112E	RMXS140E	RMXS160E
Max n° of indoor units			2	2	3	4	4	5	2	2	3	3	4	4	5	4	5	6
Wall mounted	cooling only	FTKS60F					•	•										
		FTKS71F						•										
	heat pump	FTXG25E							•	•	•	•	•	•	•	•	•	•
		FTXG35E							•	•	•	•	•	•	•	•	•	•
		CTXG50E								•	•	•	•	•	•	•	•	•
		FTXS20G	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		FTXS25G	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		FTXS35G	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		FTXS42G		•	•	•	•	•		•	•	•	•	•	•	•	•	•
		FTXS50G		•		•	•	•		•	•	•	•	•	•	•	•	•
		FTXS60F										•	•	•	•	•	•	•
		FTXS71F												•	•	•	•	•
Concealed ceiling	cooling only	FDKS25E	•	•	•	•	•	•										
		FDKS35E	•	•	•	•	•	•										
		FDKS50C		•		•	•	•										
		FDKS60C					•	•										
	heat pump	FDXS25E							•	•	•	•	•	•	•	•	•	•
		FDXS35E							•	•	•	•	•	•	•	•	•	•
		FDXS50C								•	•	•	•	•	•	•	•	•
		FDXS60C										•	•	•	•	•	•	•
Floor standing	dual use	FVXS25F	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		FVXS35F	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		FVXS50F		•		•	•	•		•	•	•	•	•	•	•	•	•
Flexi type	cooling only	FLKS25B	•	•	•	•	•	•										
		FLKS35B	•	•	•	•	•	•										
		FLKS50B		•		•	•	•										
		FLKS60B					•	•										
	heat pump	FLXS25B							•	•	•	•	•	•	•	•	•	•
		FLXS35B							•	•	•	•	•	•	•	•	•	•
		FLXS50B								•	•	•	•	•	•	•	•	•
		FLXS60B										•	•	•	•	•	•	•
Cassette	dual use	FCQ35C				•	•	•			•	•	•	•	•	•	•	•
		FCQ50C				•	•	•			•	•	•	•	•	•	•	•
		FCQ60C					•	•				•	•	•	•	•	•	•
		FFQ25B		•		•	•	•		•	•	•	•	•	•	•	•	•
		FFQ35B		•		•	•	•		•	•	•	•	•	•	•	•	•
		FFQ50B		•		•	•	•		•	•	•	•	•	•	•	•	•
		FFQ60B					•	•				•	•	•	•	•	•	•
Ceiling suspended	dual use	FHQ35B				•	•	•			•	•	•	•	•	•	•	•
		FHQ50B				•	•	•			•	•	•	•	•	•	•	•
		FHQ60B					•	•				•	•	•	•	•	•	•
Concealed ceiling	dual use	FDBQ25B				•	•	•			•	•	•	•	•	•	•	•
		FBQ35B				•	•	•			•	•	•	•	•	•	•	•
		FBQ50B				•	•	•			•	•	•	•	•	•	•	•
		FBQ60B					•	•				•	•	•	•	•	•	•

SPECIFICATIONS
Indoor UNITS



FTXG-E & CTXG-E

Wall mounted unit



Comfort

- › Stylish and modern design
- › Available in 2 colour variations
- › Comfort mode reassures draught free operation
- › Extremely quiet in operation

Filter

- › Titanium apatite photocatalytic air purification filter powerfully absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses

Energy efficient

- › ECONO mode decreases the power consumption so that other appliances that need large power consumption can be used
- › Movement sensor automatically saves power consumption in unoccupied rooms

HEAT PUMP (air cooled)				FTXG25E-W / S	FTXG35E-W / S	CTXG50E-W / S
Dimensions	HxWxD	mm		275x840x150		
Weight		kg		9		
Front panel colour				Mat crystal white & mat crystal silver		
Air flow rate	cooling	H / L / SL	m³ / min	7.7 / 4.7 / 3.8	8.1 / 4.9 / 4.1	11.3 / 7.1 / 6.7
	heating	H / L / SL	m³ / min	9.0 / 6.7 / 5.4	9.6 / 6.7 / 5.9	12.6 / 8.7 / 7.7
Fan speed			steps	5 steps, silent and auto		
Sound pressure level	cooling	H / L / SL	dB(A)	38 / 25 / 22	39 / 26 / 23	47 / 35 / 32
	heating	H / L / SL	dB(A)	38 / 28 / 25	39 / 29 / 26	47 / 35 / 32
Sound power level	cooling	H	dB(A)	56	57	64
Piping connections	liquid	mm		ø6.4		
	gas	mm		ø9.5		ø12.7
	drain	mm		ø18.0		
Heat insulation				Both liquid and gas pipes		
Power supply		V1		1~, 220-240V, 50Hz		
Infrared remote control				ARC433A41		

FTXS-G

Wall mounted unit



Comfort

- › Comfort mode reassures draught free operation
- › Extremely quiet in operation
- › 2 area intelligent eye: air flow is sent to the area in a room where no person is detected
- › 3D air flow

Filter

- › Titanium apatite photocatalytic air purification filter powerfully
- › absorbs microscopic particles, decomposes odours and even
- › deactivates bacteria and viruses

Energy efficient

- › ECONO mode decreases the power consumption so that other
- › appliances that need large power consumption can be used
- › energy saving during operation stand by mode: reduction of energy from 10W to 2W

COOLING ONLY / HEAT PUMP				FTXS20G	FTXS25G	FTXS35G	FTXS42G	FTXS50G
Dimensions	HxWxD	mm	295x800x215					
Weight		kg	9	9	10	10	10	
Colour			White					
Air flow rate	cooling	H / L	dB(A)	9.4/5.5	9.1/5.2	10.4/4.8	9.1/6.3	10.2/7.0
	heating			9.9/6.5	9.8/6.2	10.6/6.4	11.2/7.7	11.0/7.6
Fan speed				5 steps, silent and auto				
Sound pressure level	cooling	H / M / L / SL	dB(A)	38 / 32 / 25 / 22	38 / 32 / 25 / 22	42 / 34 / 26 / 23	42 / 38 / 33 / 30	43 / 39 / 34 / 31
	heating			38 / 33 / 28 / 25	39 / 34 / 28 / 25	42 / 36 / 29 / 26	42 / 38 / 33 / 30	44 / 39 / 34 / 31
Sound power level	cooling	H	dB(A)	54	54	58	58	59
Piping connections	liquid	mm	ø6.4					
	gas	mm		ø9.5	ø9.5	ø9.5	ø9.5	ø12.7
Heat insulation			Both liquid and gas pipes					
Infrared remote control			ARC452A3					

FTK/XS-F

Wall mounted unit



Comfort

- › F-serie: 3-D air flow makes sure that a uniform temperature is achieved throughout the room
- › Extremely quiet in operation

Filter

- › Air purification filter with photocatalytic deodorising function absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses

Energy efficient

- › Home leave operation saves energy during absence
- › Movement sensor automatically saves power consumption in unoccupied rooms

COOLING ONLY				FTKS60F	FTKS71F
Dimensions	HxWxD	mm		290x1050x238	
Weight		kg		12	12
Colour				White	
Air flow rate	H / L	dB(A)		16.8 (H)	16.2 (H)
Fan speed				5 steps, silent and auto	
Sound pressure level	H / L	dB(A)		45 / 36	46 / 37
Sound power level	H	dB(A)		61	62
Piping connections	liquid	mm		ø6.4	
	gas	mm		ø12.7	
	drain	mm		ø18	
Heat insulation				Both liquid and gas pipes	
Power supply				1~, 220-240V, 50Hz	
Infrared remote control				ARC433A70	

HEAT PUMP				FTXS60F	FTXS71F
Dimensions	HxWxD	mm		290x1050x238	
Weight		kg		12	12
Front panel colour				White	
Air flow rate	cooling	H / L	dB(A)	16.8 (H)	16.2 (H)
	heating			17.4(H)	18.2 (H)
Fan speed				5 steps, silent and auto	
Sound pressure level	cooling	H / L	dB(A)	45 / 36	46 / 37
	heating			44 / 35	46 / 37
Sound power level	cooling	H	dB(A)	61	62
Piping connections	liquid	mm		ø6.4	
	gas	mm		ø12.7	
	drain	mm		ø18	
Heat insulation				Both liquid and gas pipes	
Power supply				1~, 220-240V, 50Hz	
Infrared remote control				ARC433A70	

FLK/ XS-B

Flexi type unit



Comfort

- › Vertical auto swing and wide angle louvers ensure that warm air reaches the furthest corners of a room and increase the air flow coverage
- › Extremely quiet in operation

Filter

- › Air purification filter with photocatalytic deodorising function absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses

Energy efficient

- › Home leave operation saves energy during absence

Flexible installation

- › Allows both ceiling suspended as floor level installation

COOLING ONLY (air cooled)				FLKS25B	FLKS35B	FLKS50B	FLKS60B	
Dimensions		HxWxD	mm	490x1,050x200				
Weight			kg	16	16	17	17	
Front panel colour				Almond white				
Air flow rate		H / L / SL	m³/min	7.6 / 6.0 / 5.2	8.6 / 6.6 / 5.6	11.4 / 8.5 / 7.5	12.0 / 9.3 / 8.3	
Fan speed				5 steps, silent and auto				
Sound pressure level		H / L / SL	dB(A)	37 / 31 / 28	38 / 32 / 29	47 / 39 / 36	48 / 41 / 39	
Sound power level		H	dB(A)	53	54	63	64	
Piping connections		liquid	mm	ø6.4				
		gas	mm	ø9.5		ø12.7		
		drain	mm	ø18.0				
Heat insulation				Both liquid and gas pipes				
Power supply			VM	1~, 220-240 / 220-230V, 50 / 60Hz				
Infrared remote control				ARC433A6				
HEAT PUMP (air cooled)				FLXS25B	FLXS35B	FLXS50B	FLXS60B	
Dimensions		HxWxD	mm	490x1,050x200				
Weight			kg	16	16	17	17	
Front panel colour				Almond white				
Air flow rate	cooling	H / L / SL	m³/ min	7.6 / 6.0 / 5.2	8.6 / 6.6 / 5.6	11.4 / 8.5 / 7.5	12.0 / 9.3 / 8.3	
	heating	H / L / SL	m³/ min	9.2 / 7.4 / 6.6	9.8 / 8.0 / 7.2	12.1 / 7.5 / 6.8	12.8 / 8.4 / 7.5	
Fan speed			steps	5 steps, silent and auto				
Sound pressure level	cooling	H / L / SL	dB(A)	37 / 31 / 28	38 / 32 / 29	47 / 39 / 36	48 / 41 / 39	
	heating	H / L / SL	dB(A)	37 / 31 / 29	39 / 33 / 30	46 / 35 / 33	47 / 37 / 34	
Sound power level		cooling	H	dB(A)	53	54	63	64
Piping connections		liquid	mm	ø6.4				
		gas	mm	ø9.5		ø12.7		
		drain	mm	ø18.0				
Heat insulation				Both liquid and gas pipes				
Power supply			VM	1~, 220-240 / 220-230V, 50 / 60Hz				
Infrared remote control				ARC433A5				

FVXS-F

Floor standing unit



Comfort

- › Vertical auto swing and wide angle louvers ensure that warm air reaches the furthest corners of a room and increase the air flow coverage
- › Extremely quiet in operation

Filter

- › Titanium apatite photocatalytic air purification filter powerfully absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses

Energy efficient

- › ECONO mode decreases the power consumption so that other appliances that need large power consumption can be used

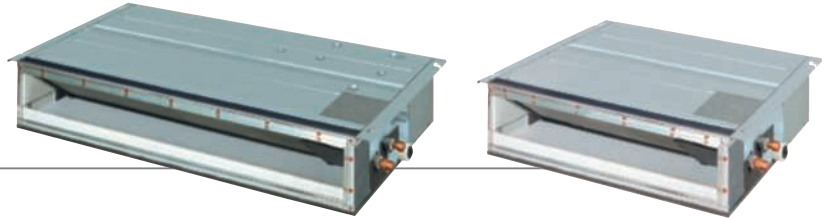
Flexible installation

- › Can be used for floor standing or lower wall applications
- › As a floor standing model, it can be semi or fully recessed without loss of capacity

COOLING ONLY / HEAT PUMP				FVXS25F	FVXS35F	FVXS50F
Dimensions	HxWxD	mm		600x700x210		
Weight		kg		14		
Front panel colour				White		
Air flow rate	cooling	H / L / SL	m³ / min	8.2 / 4.8 / 4.1	8.5 / 4.9 / 4.5	10.7 / 7.8 / 6.6
	heating	H / L / SL	m³ / min	8.8 / 5.0 / 4.4	9.4 / 5.2 / 4.7	11.8 / 8.5 / 7.1
Fan speed			steps	5 steps, silent and auto		
Sound pressure level	cooling	H / L / SL	dB(A)	38 / 26 / 23	39 / 27 / 24	44 / 36 / 32
	heating	H / L / SL	dB(A)	38 / 26 / 23	39 / 27 / 24	45 / 36 / 32
Sound power level	cooling	H	dB(A)	54	55	56
Piping connections	liquid	mm		ø6.4	ø6.4	ø6.4
	gas	mm		ø9.5	ø9.5	ø12.7
	drain	mm		ø20	ø20	ø20
Heat insulation				Both liquid and gas pipes		
Power supply				1~, 220-240V, 50Hz		
Infrared remote control				ARC452A1		

FDK/XS-E/C

Slim concealed ceiling unit



Comfort

- › Leaves maximum floor and wall space for furniture, decoration and fittings
- › Extremely quiet in operation

Filter

- › Standard suction filter removes airborne dust particles to ensure a steady supply of clean air

Energy efficient

- › Home leave operation saves energy during absence

Flexible installation

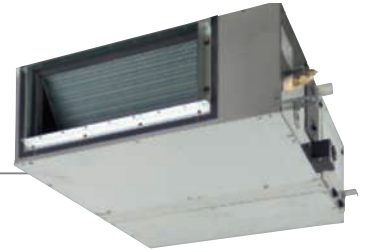
- › Can easily be installed in rooms with a false ceiling of only 240mm depth
- › A standard external static pressure (ESP) of 40 Pa, makes it possible to use flexible ducts of varying lengths

COOLING ONLY (air cooled)				FDKS25E	FDKS35E	FDKS50C	FDKS60C
Dimensions	HxWxD		mm	200x700x620		200x900x620	200x1,100x620
Weight			kg	21		27	30
Fan speed			steps	5 steps, silent and auto		5 steps, silent and auto	
Air flow rate	H / L / SL		m³/min	8.7 / 7.3 / 6.2	8.7 / 7.3 / 6.2	12.0 / 10.0 / 8.4	16.0 / 13.5 / 11.2
Sound pressure level	H / L / SL		dB(A)	35 / 31 / 29	35 / 31 / 29	37 / 33 / 31	38 / 34 / 32
Sound power level	H		dB(A)	53	53	55	56
Piping connections	liquid		mm	ø6.4		ø6.4	
	gas		mm	ø9.5		ø12.7	
	drain	ID	mm	ø20.0		ø20.0	
		OD	mm	ø26.0		ø26.0	
Heat insulation				Both liquid and gas pipes		Both liquid and gas pipes	
Power supply			V1 / VM	1~, 220-240V, 50Hz		1~, 220-240/220-230V, 50/60Hz	
Infrared remote control				ARC433A8			

HEAT PUMP (air cooled)				FDXS25E		FDXS35E		FDXS50C		FDXS60C				
Dimensions			HxWxD		mm		200x700x620			200x900x620		200x1,100x620		
Weight					kg		21			27		30		
Fan speed					steps		5 steps, silent and auto			5 steps, silent and auto				
Air flow rate		cooling	H / L / SL		m³/min		8.7 / 7.3 / 6.2		8.7 / 7.3 / 6.2		12.0 / 10.0 / 8.4		16.0 / 13.5 / 11.2	
		heating	H / L / SL		m³/min		8.7 / 7.3 / 6.2		8.7 / 7.3 / 6.2		12.0 / 10.0 / 8.4		16.0 / 13.5 / 11.2	
Sound pressure level		cooling	H / L / SL		dB(A)		35 / 31 / 29		35 / 31 / 29		37 / 33 / 31		38 / 34 / 32	
		heating	H / L / SL		dB(A)		35 / 31 / 29		35 / 31 / 29		37 / 33 / 31		38 / 34 / 32	
Sound power level		cooling	H		dB(A)		53		53		55		56	
Piping connections			liquid		mm		ø6.4			ø6.4				
			gas		mm		ø9.5			ø12.7				
			drain	ID	mm		ø20.0			ø20.0				
				OD	mm		ø26.0			ø26.0				
Heat insulation								Both liquid and gas pipes			Both liquid and gas pipes			
Power supply				V1 / VM		1~, 220-240V, 50Hz				1~, 220-240/220-230V, 50/60Hz				
Infrared remote control						ARC433A7								

FDBQ-B & FBQ-B

Concealed ceiling unit



Comfort

- › Leaves maximum floor and wall space for furniture, decoration and fittings
- › Blends unobtrusively with any interior décor
- › The position of the individual air discharge grilles can be altered, enabling a uniform temperature, even in irregularly shaped rooms
- › Optimum air distribution
- › Quiet in operation

Energy efficient

- › Home leave operation saves energy during absence

Slim design for flexible installation

- › Fits flush into narrow ceiling voids
- › Only air suction and discharge grilles are visible
- › The maximum external static pressure (ESP) is 88Pa for FBQ

HEAT PUMP (air cooled)				FDBQ25B	FBQ35B	FBQ50B	FBQ60B		
Dimensions		HxWxD		mm	230x652x502	300x700x800		300x1,000x800	
Weight				kg	17	30	31	41	
Fan speed				steps	2 steps (direct drive)				
Air flow rate	cooling	H / L		m³ / min	6.5 / 5.2	11.5 / 9	14 / 10	19 / 14	
	heating	H / L		m³ / min	6.5 / 5.2	11.5 / 9	14 / 10	19 / 14	
Sound pressure level	cooling	H / L		dB(A)	35 / 28	33 / 29	33 / 29	34 / 30	
	heating	H / L		dB(A)	35 / 29	33 / 29	33 / 29	34 / 30	
Sound power level	cooling	H / L		dB(A)	55 / 49	52 / *	53 / *	60 / *	
Piping connections		liquid		mm	ø6.4				
		gas		mm	ø9.5		ø12.7		
		drain	ID	mm	ø21.6	ø25.0			
		(VP 20)	OD	mm	ø27.2	ø32.0			
Heat insulation				Both liquid and gas pipes					
Power supply				V1	1~, 230V, 50Hz				
Wired remote control				BRC1D52					
DECORATION PANEL				Not applicable		BYBS45D		BYBS71D	
Dimensions		HxWxD		mm	Not applicable	55x880x500		55x1,100x500	
Weight				kg	Not applicable	3.5		4.5	
Colour				Not applicable					White

* This information was not available at the time of publication.

FCQ-C

Round flow cassette



Comfort

- › Year round comfort results from 360° radial air discharge with:
 - uniform air flow distribution
 - uniform temperature distribution
- › Quiet in operation
- › Less draughts and lower air velocities as a result of increased horizontal airflow

Energy saving

- › Highest COP values
- › Inverter technology

Flexible installation

- › Very low minimum installation height of 214 mm
- › Standard connection to D3-net without the need of an adapter PCB
- › Easy condensate drain check

HEAT PUMP (air cooled)				FCQ35C	FCQ50C	FCQ60C
Dimensions	HxWxD	unit	mm	204x840x840		
	HxWxD	decoration panel	mm	50x950x950		
Weight		unit	kg	19		
		decoration panel	kg	5.5		
Front panel colour		decoration panel		Pure White (RAL 9010)		
Air flow rate	cooling	H / L	m³ / min	10.5 / 8.5	12.5 / 8.5	13.5 / 8.5
	heating	H / L	m³ / min	12.5 / 10.0	12.5 / 8.5	13.5 / 8.5
Fresh Air	max. fresh air intake		%	20.0	20.0	20.0
	max. fresh air intake		m³/ min	2.7	2.7	3.0
Fan speed			steps	2		
Sound pressure level	cooling	H / L	dB(A)	31 / 27	31 / 27	33 / 28
	heating	H / L	dB(A)	31 / 27	31 / 27	33 / 28
Sound power level	cooling	H	dB(A)	49	49	51
Piping connections		liquid	OD mm	ø6.25 (flare connection)		
		gas	OD mm	ø9.52 (flare connection)	ø12.7 (flare connection)	
		drain (VP25)	ID mm	ø25.0		
			OD mm	ø32.0		
Heat insulation				Foamed Polystyrene / Foamed Polyethylene		
Power supply				1~, 220-240V, 50/60Hz		
Infrared remote control				BRC1D52		

FFQ-B

4-Way blow ceiling mounted cassette (600mm x 600mm)



Comfort

- › Automatic air flow director ensures uniform air flow and temperature distribution
- › Excellent low draught characteristics and anti-ceiling soiling technology
- › Extremely quiet in operation
- › Modern style decoration panel in white (RAL9010)

Energy efficient

- › Home leave operation saves energy during absence

Flexible installation and easy to maintain

- › Due to the compact casing, it matches standard architectural modules of 600 x 600mm, therefore ceiling tile cutting is no longer necessary
- › Since the switch box is located inside the unit, it is easy to access from below for maintenance without removing ceiling tiles
- › Possibility to shut off one or two flaps for easy installation in corners

HEAT PUMP (air cooled)				FFQ25B	FFQ35B	FFQ50B	FFQ60B
Dimensions		HxWxD	mm	286x575x575			
Weight			kg	17.5			
Fan speed				2 steps (direct drive)			
Air flow rate	cooling	H / L	m³ / min	9 / 6.5	10 / 6.5	12 / 8	15 / 10
	heating	H / L	m³ / min	9 / 6.5	10 / 6.5	12 / 8	15 / 10
Sound pressure level	cooling	H / L	dB(A)	29.5 / 24.5	32 / 25	36 / 27	41 / 32
	heating	H / L	dB(A)	29.5 / 24.5	32 / 25	36 / 27	41 / 32
Sound power level	cooling	H	dB(A)	46.5	49	53	58
Piping connections		liquid	mm	ø6.4			
		gas	mm	ø9.5		ø12.7	
		drain	mm	ø20.0			
Heat insulation				Both liquid and gas pipes			
Power supply			V1	1~, 220-240V, 50Hz			
Infrared remote control	cooling only			BRC7E531			
	heat pump			BRC7E530			
Wired remote control				BRC1D52			
DECORATION PANEL				BYFQ60B			
Dimensions		HxWxD	mm	55x700x700			
Weight			kg	2.7			
Colour				White (RAL9010)			

FHQ-B

Ceiling suspended unit



Comfort

- › Air flow distribution for ceiling heights up to 3.8m without loss of capacity
- › A comfortable air flow in all directions thanks to an air flow pattern of 100°

Flexible installation and easy to maintain

- › The ideal solution for installation without false ceiling since they are installed directly against the ceiling
- › The reduced lateral servicing space enables the unit to be easily installed in corners and narrow spaces on walls and ceilings

HEAT PUMP (air cooled)				FHQ35B	FHQ50B	FHQ60B	
Dimensions		HxWxD		mm	195x960x680		
Weight				kg	24	25	
Casing colour				White			
Fan speed				steps	2 steps		
Air flow rate	cooling	H / L		m³ / min	13 / 10	13 / 10	
	heating	H / L		m³ / min	13 / 10	13 / 10	
Sound pressure level	cooling	H / L		dB(A)	37 / 32	38 / 33	
	heating	H / L		dB(A)	37 / 32	38 / 33	
Sound power level	cooling	H / L		dB(A)	53 / 48	54 / 49	
Piping connections		liquid		mm	ø6.4		
		gas		mm	ø9.5	ø12.7	
		drain	ID	mm	ø20.0		
		(VP 20)	OD	mm	ø26.0		
Heat insulation				Both liquid and gas pipes			
Power supply				V1	1~, 220-240V, 50Hz		
Infrared remote control	cooling only			BRC7E66			
	heat pump			BRC7E63			
Wired remote control				BRC1D52			

Specifications

OUTDOOR UNITS



MK/XS-E/F/G



- › The Multi model application saves on outside space. The single outdoor unit can stand in the garden against an outside wall, or on the roof or terrace. Thus only enough space for 1 outdoor unit is required. This is aesthetically pleasing and simplifies installation.
- › Daikin outdoor units are neat, sturdy and specially anti-corrosion treated to withstand severe weather conditions. They are fitted with a swing compressor, renowned for its low noise and high energy efficiency. Outdoor units are guaranteed not to disturb the peace and quiet of the neighbourhood.
- › Multi inverter controlled outdoor units can operate with 2, 3, 4 or even 5 indoor units.

MKS-E/F/G

MULTI - COOLING ONLY				2MKS40G	2MKS50G	3MKS50E	4MKS58E	4MKS75F	5MKS90E
Dimensions	HxWxD	mm		550x765x285		735x936x300		735x936x300	770x900x320
Weight		kg		38	42	49	49	57	69
Casing colour				Ivory white					
Sound pressure level	H / SL	dB(A)		47 / 43	48 / 44	46 / -	46 / -	48 / -	48 / -
Sound power level	H	dB(A)		62	63	59	59	61	62
Compressor				Hermetically sealed swing type					
Refrigerant type	H	dB(A)		R-410A					
Amount of additional charge		mm		0.02(20m or more)		chargeless	chargeless	chargeless	0.02 (65m or more)
Maximum piping length	for total of each room	mm		30		50	50	60	75
	for one room			20		25	25	25	25
Maximum level difference	between indoor and outdoor			15	15	15	15	15	15
	between indoor units			7.5	7.5	15	15	7.5	15
Standard operation range	from~to	°CDB		10~46	10~46	-10~46	-10~46	-10~46	-10~46

MXS-E/F/G

MULTI - HEAT PUMP				2MXS40G	2MXS50G	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E
Dimensions		HxWxD	mm	550x765x285		735x936x300	735x936x300	735x936x300	770x900x320	770x900x320
Weight			kg	38	42	49	58	58	72	73
Casing colour				Ivory white						
Sound pressure level	cooling	H / SL	dB(A)	47 / 43	48 / 44	46 / -	48 / -	48 / -	48 / -	52 / -
	heating	H / SL	dB(A)	48 / 44	50 / 46	47 / -	49 / -	49 / -	49 / -	52 / -
Sound power level	cooling	H	dB(A)	62	63	59	61	61	62	66
Compressor				Hermetically sealed swing type						
Refrigerant type		H	dB(A)	R-410A						
Amount of additional charge			mm	0.02(20m or more)		0.02 (30m or more)	0.02 (30m or more)	0.02 (30m or more)	0.02 (30m or more)	0.02 (30m or more)
Maximum piping lenght	for total of each room		mm	30		50	60	60	70	75
	for one room			20		25	25	25	25	25
Maximum level difference	between indoor and outdoor			15		15	15	15	15	15
	between indoor units			7.5		7.5	7.5	7.5	7.5	7.5
Standard operation range	cooling	from~to	°CDB	10~46	10~46	-10~46	-10~46	-10~46	-10~46	-10~46
	heating	from~to	°CWB	-15~15.5	-15~15.5	-15~15.5	-15~15.5	-15~15.5	-15~15.5	-15~15.5

Accessories

INDOOR UNITS

FTXG-E & CTXG-E	25	35	50
Titanium apatite photocatalytic air purification filter (with frame)		KAF952B41	
Titanium apatite photocatalytic air purification filter (without frame)		KAF952B42	
Anti-theft protection for remote control		KKF917AA4	

FTXS-G	20	25	42	35	50
Titanium apatite photocatalytic air purification filter			KAF968A42		
Anti-theft protection for remote control			KKF910A4		

FTK/XS-F	60	71
Air purification filter with photocatalytic deodorising function (with frame)	-	
Air purification filter with photocatalytic deodorising function (without frame)	-	
Anti-theft protection for remote control		KKF917AA4
Titanium apatite photocatalytic air purification filter (without frame) (1)		KAF952B42

(1) standard accessory

FLK/XS-B	25	35	50	60
Photocatalytic deodorising filter (with frame)		KAZ917B41		
Photocatalytic deodorising filter (without frame)		KAZ917B42		
Air purification filter (with frame)		KAF925B41		
Air purification filter (without frame)		KAF925B42		
Anti-theft protection for remote control		KKF917AA4		

FVXS-F	25	35	50
Titanium apatite photocatalytic air-purifying filter without frame (2)		KAF968A42	
Anti-theft protection for remote control		KKF936A4	

(2) standard accessory

FDK-XS-E/C	25	35	50	60
Anti-theft protection for remote control		KKF917AA4		
Suction grille		KDGF19A45		

FBQ-B	35	50	60
Decoration panel	BYBS45D		BYBS71D
Service access panel	KTBJ25K56W		KTBJ25K80W
High-efficiency filter 65% (colorimetric method)*1	KAFJ252L56		KAFJ252L80
High-efficiency filter 90% (colorimetric method)*1	KAFJ253L56		KAFJ253L80
Filter chamber for bottom suction	KAJ25L56D		KAJ25L80D
Filter chamber for rear suction	KAJ25L56B		KAJ25L80B
Air suction canvas	KSA-25K56		KSA-25K80
Blind board/screening door	KBBJ25K56		KBBJ25K80
Air discharge adapter for round duct	KDAJ25K56		KDAJ25K71

*1 If installing a high-efficiency filter on the unit, an assembly chamber for either bottom or rear suction is required.

FCQ-C	35	50	60
Decoration panel	BYCQ140CW1		
Replacement long-life filter	KAFP551KA160		
Fresh air intake kit (min.20% fresh air)	KDDQ55C140		
Sealing member of air discharge outlet	KDBH55C140		

FFQ-B		25	35	50	60
Decoration panel		BYFQ60B			
Long-life filter		KAFQ441BA60			
Fresh air intake kit	direct installation type	KDDQ44XA60			
Sealing member of air discharge outlet		KDBH44BA60			
Panel spacer		KDBQ44B60			

FHQ-B	35	50	60
Replacement long-life filter	KAF501DA56		KAFJ501DA80
Drain-up kit	KDU50M60		
L-type piping kit (upward direction)	KHFP5M35	KHFP5M63	

OUTDOOR UNITS

MK/XS-E/F/G	40 class	50~90 class
Air direction adjustment grille	KPW937A4	KPW945A4
Drain plug (1)	KKP937A4	KKP937A4
(1) standard accessory		

CONTROL SYSTEMS

INDOOR UNITS

FTXG-E & CTXG-E		25	35	50
Wiring adapter for time clock / remote control (1)	normal open contact		KRP413A1S	
	normal open pulse contact		KRP413A1S	
Centralised control board	up to 5 rooms (2)		KRC72	
Central remote control			DCS302C51	
Unified ON / OFF control			DCS301B51	
Schedule timer			DST301B51	
Interface adapter (3)			KRP928A2S	

(1) Wiring adapter is supplied by Daikin. Timer and other devices: field supply.

(2) Wiring adapter is also required for each indoor unit.

(3) For DIII-NET adapter

FTXS-G		20	25	42	35	50
Wired remote control				BRC944A2B		
5-room centralised control				KRC72A		
Central remote control (1)				DCS302CA51		
Unified ON/OFF control (1)				DCS301BA51		
Schedule timer (1)				DST301BA51		
Interface adapter (2)				KRP928BA2S		

(1) for Europe

(2) For DIII-NET adapter

FTK/XS-F		60	71
Wiring adapter for time clock / remote control (1)	normal open contact	KRP413AA1S	
	normal open pulse contact	KRP413AA1S	
Centralised control board	up to 5 rooms (2)	KRC72A	
Central remote control		DCS302CA51	
Unified ON / OFF control		DCS301BA51	
Schedule timer		DST301BA51	
Interface adapter (3)		KRP928BA2S	

(1) Wiring adapter is supplied by Daikin. Timer and other devices: field supply.

(2) Wiring adapter is also required for each indoor unit.

(3) For DIII-NET adapter

FLK/XS-B		25	35	50	60
Wiring adapter for time clock / remote control (1)	normal open contact		KRP413A1S		
	normal open pulse contact		KRP413A1S		
Centralised control board	up to 5 rooms (2)		KRC72		
Central remote control			DCS302C51		
Unified ON / OFF control			DCS301B51		
Schedule timer			DST301B51		
Interface adapter (3)			KRP928A2S		

(1) Wiring adapter is supplied by Daikin. Timer and other devices: field supply.

(2) Wiring adapter is also required for each indoor unit.

(3) For DIII-NET adapter

FVXS-F		25	35	50
Centralised control board	up to 5 rooms		KRC72(A)	
Wiring adapter normal open / normal open pulse contact	normal open		KRP413A(A)1S	
	normal open pulse contact		KRP413A(A)1S	
Interface adapter (1)			KRP928B(A)2S	
Central remote control			DCS302CA61	
Unified ON / OFF control			DCS301BA61	
Schedule timer			DST301BA61	

(1) For DIII-NET adapter

FDK/XS-E/C		25	35	50	60
Wiring adapter for time clock / contact remote control (1)	normal open		KRP413A1S		
	normal open pulse contact		KRP413A1S		
Centralised control board	up to 5 rooms (2)		KRC72		
Central remote control			DCS302C51		
Unified ON / OFF control			DCS301B51		
Schedule timer			DST301B51		
Interface adapter (3)			KRP928A2S		

(1) Wiring adapter is supplied by Daikin. Timer and other devices: field supply.

(2) Wiring adapter is also required for each indoor unit.

(3) For DIII-NET adapter

FDBQ-B		25
Wired remote control		BRC1D52
Adapter for wiring (hour meter) (1)		EKRP1B2
Remote ON / OFF, forced OFF		EKRORO

(1) Possibility to connect an hour meter (field supply). This part should not be installed inside the equipment.

FBQ-B		35	50	60
Wired remote control			BRC1D52	
Centralised remote control			DCS302C51	
Unified ON / OFF control			DCS301B51	
Schedule timer			DST301B51	
Adapter for wiring			KRP1B54	
Adapter for external ON/OFF and monitoring			KRP4A51	
Interface adapter for Sky Air			DTA112B51	
Remote ON/OFF, forced OFF			EKRORO	
Option PCB for external electrical heater, humidifier and/or hour meter (1)			EKRP1B2	

(1) Electrical heater, humidifier and hour meter are field supply. These parts should not be installed inside the equipment.

FCQ-C		35	50	60
Wired remote control			BRC1D528	
Infrared remote control	cooling only		BRC7F533F	
	heat pump		BRC7F532F	
Centralised remote control			DCS302CA51	
Unified ON/OFF control			DCS301BA51	
Schedule timer			DST301BA51	
Wiring adapter for electrical appendices			KRP1BA57/KRP4AA53	
Wiring adapter (hour meter)			EKRP1C11	
Installation box for adapter PCB			KRP1H98	
Remote ON/OFF			EKRORO2	
Remote sensor			KRCS01-4	
Fixing box			KJB212AA	

FFQ-B		25	35	50	60
Wired remote control				BRC1D52	
Infrared remote control	cooling only / heat pump			BRC7E531 / BRC7E530	
Centralised remote control				DCS302C51	
Unified ON / OFF control				DCS301B51	
Schedule timer				DST301B51	
Adapter for wiring (1)				KRP1B57	
Adapter for external ON/OFF and monitoring (1)				KRP4A53	
Adapter for wiring (hour meter) (2)				EKRP1B2	
Remote sensor				KRCS01-1	
Installation box for adapter PCB				KRP1BA101	
Interface adapter for Sky Air				DTA112B51	
Remote ON / OFF, forced OFF				EKRORO	

(1) Installation box for adapter PCB (KRP1BA101) is necessary.

(2) Possibility to connect an hour meter (field supply). This part should not be installed inside the equipment.

FHQ-B		35	50	60
Wired remote control			BRC1D52	
Infrared remote control	cooling only / heat pump		BRC7E66 / BRC7E63	
Centralised remote control			DCS302C51	
Unified ON / OFF control			DCS301B51	
Schedule timer			DST301B51	
Adapter for wiring			KRP1B54	
Adapter for external ON / OFF and monitoring (1)			KRP4A52	
Adapter for wiring (hour meter) (2)			EKRP1B2	
Interface adapter for Sky Air			DTA112B51	
Installation box for adapter PCB			KRP1C93	
Remote ON / OFF, forced OFF			EKRORO	

(1) Installation box for adapter PCB (KRP1C93) is necessary

(2) Possibility to connect an hour meter (field supply). This part should not be installed inside the equipment



Notes



In all of us,
a green heart



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. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.



Daikin units comply with the European regulations that guarantee the safety of the product.



Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FC); the certified data of certified models are listed in the Eurovent Directory. Multi units are Eurovent certified for combinations up to 2 indoor units.

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