

The benefits of a **Multi system**

- **Air conditioning in every room**

A Multi system allows up to 4 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 4) 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**

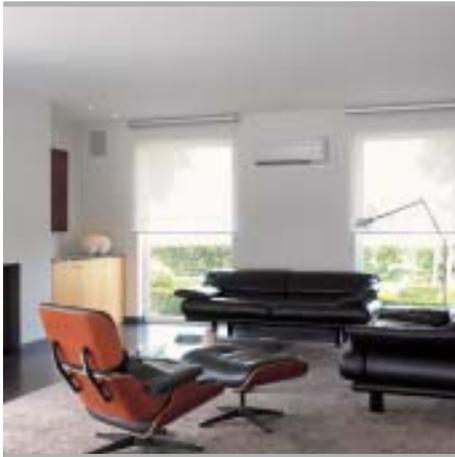
A single outdoor unit can cool down or heat up a complete house, office or small shop at different times. A pleasant climate can be enjoyed whilst working at the desk in the afternoon, as well as a constant temperature in the living room and cool bedrooms in the evening.



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



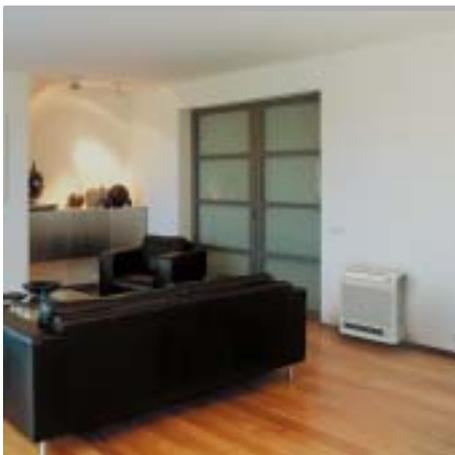
Wall mounted unit >



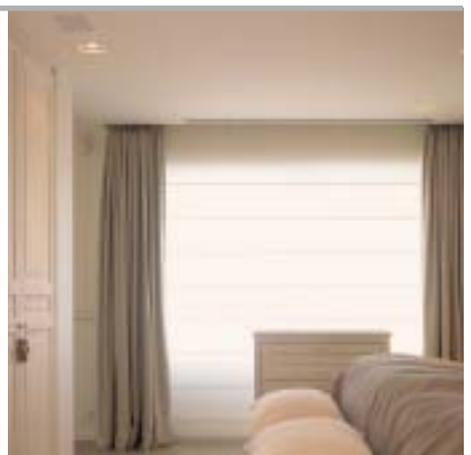
< Flexi type unit
(ceiling suspended application)



Flexi type unit >
(lower wall application)



< Floor standing unit



Slim concealed ceiling unit >

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)			FLKS25BVMB	FLKS35BVMB	FLKS50BVMB	FLKS60BVMB
Dimensions	HxWxD	mm	490x1,050x200			
Weight		kg	16	16	17	17
Front panel colour			almond white			
Air flow rate	H/L/SL	m ³ /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		steps	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)			FLXS25BVMB	FLXS35BVMB	FLXS50BVMB	FLXS60BVMB	
Dimensions	HxWxD	mm	490x1,050x200				
Weight		kg	16	16	17	17	
Front panel colour			almond white				
Air flow rate	cooling	H/L/SL	m ³ /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	m ³ /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	cool/heat	H	dB(A)	53/*	54/*	63/*	64/63
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				

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

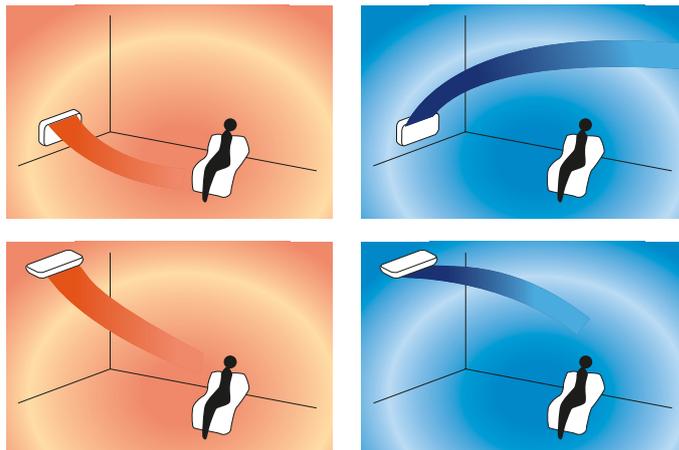


This Flexi type unit allows both ceiling suspended and floor level installation. The rounded design of this slim and lightweight unit makes the perfect choice for rooms without a false ceiling. Ceiling suspended installation frees up wall and floor space, while floor level installation is possible without loss of warm air.



COMFORT

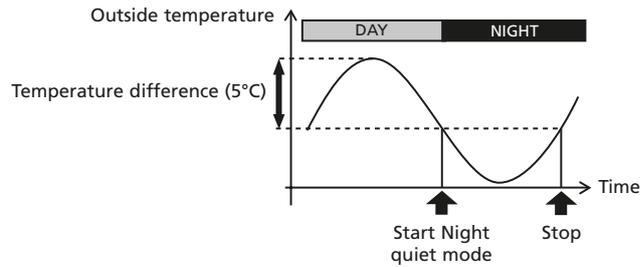
- **Vertical auto swing and wide angle louvers** ensure that comfortable air flow is spread throughout a large room. A result of these functions, the whole room can be evenly air conditioned for both floor level and ceiling suspended installation. The wide angle louvers can be manually adjusted.



- You have the choice of **5 fan speeds** to select: from high to super low.
- Daikin's special **dry programme** reduces humidity in the room without variations in room temperature.
- The **powerful operation** function boosts the air flow to a maximum volume for a 20-minute period, (e.g. when you come home on a hot day, rapid cooling is required). After this, the unit returns automatically to its previous settings.



- The **night set mode** is automatically selected by pushing the 'off' timer button. This function prevents any sudden change in room temperature by gently raising/lowering the temperature before the air conditioner stops, so you can sleep more comfortably.
- The indoor unit is **very quiet in operation**. The sound levels are as low as 28dB(A), comparable to rustling leaves.
- The **outdoor unit silent operation** function increases comfort by automatically lowering the operating sound of the outdoor unit by 3dB(A).
- The **night quiet mode** reduces the operation sound of the outdoor unit by another 3 dB(A) at night (in combination with Multi models only).



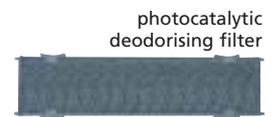
FILTER

- This floor standing unit is equipped with a **separate air purification filter and a photocatalytic deodorising filter**.

The air purification filter traps mildew, mites, tobacco smoke, dust and pollen as fine as 0.01 micron metres.



The photocatalytic deodorising filter decomposes odours and even deactivates bacteria and viruses. This capability is maintained simply by exposing the filter to sunlight once every 6 months. This filter does not need any replacement.

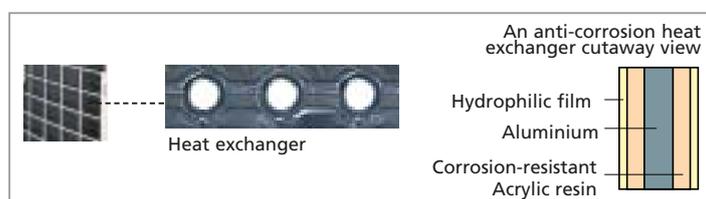


FLEXIBLE INSTALLATION AND EASY TO USE AND MAINTAIN

- The outdoor unit can be installed on a roof or terrace or placed against an outside wall.
- Daikin remote controls give you **easy control at your fingertips**.
- Malfunction codes are shown on the digital display panel of the infrared remote control for **fast and easy maintenance**.
- Special **anti-corrosion treatment** of the outdoor unit's heat exchanger fin, gives **great resistance against acid rain and salt corrosion**. Additional resistance is provided by a rust proof steel sheet on the underside of the unit.

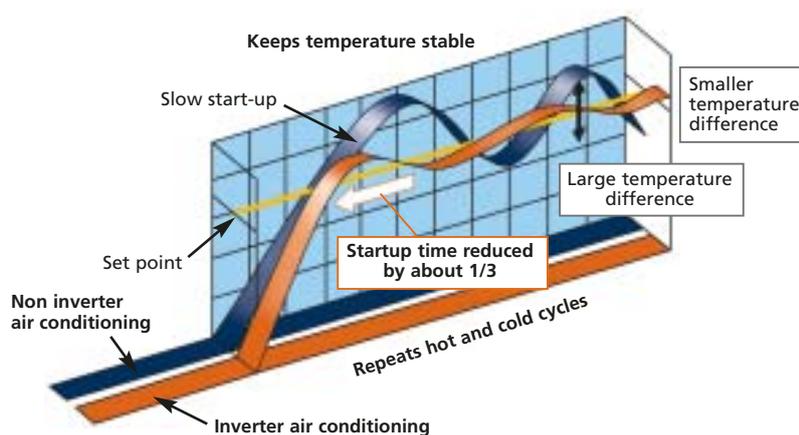


Infrared remote control (Standard)

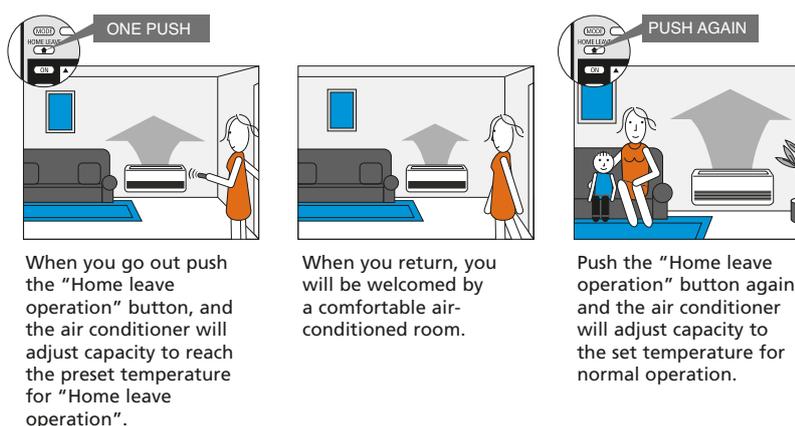


ENERGY EFFICIENT

- Energy label: up to class A
- **Inverter technology :**
Improved energy efficiency:
The use of integrated inverter control ensures maximum **energy efficiency** by supplying only the required heating or cooling load where a standard non inverter unit would supply maximum load in an on/off regime.



- **Improved comfort:**
The rapid start up time provided by the inverter increases the **comfort** by reducing the lead time in obtaining the required indoor temperature. Once the required temperature is reached, the inverter unit continuously scans the room for small changes and adjusts the room temperature in seconds. There by increasing comfort once again.
- The **home leave operation** button prevents large temperature differences by continuously operating at a minimum (heating mode) or maximum (cooling mode) preset level while you're out or sleeping. It also allows the indoor temperature to return quickly to your favourite comfort level.



APPLICATION OPTIONS

- This model can be used for cooling only or heating.
- It is possible to use the indoor unit in pair (connecting one indoor to one outdoor) and multi applications (connecting up to 9 units in several rooms to 1 outdoor unit).

Capacity and power input

COOLING ONLY - INVERTER/NON INVERTER CONTROLLED (air cooled)				FLKS25BVMB RKS25DVMB	FLKS35BVMB RKS35DVMB	FLKS50BVMB RKS50BVMB9	FLKS60BVMB 4MKS75,90DVMB	FLKS50BVMB RS50BVMB
Cooling capacity	min~nom~max	kW		1.3~2.5~3.0	1.4~3.5~3.8	0.90~4.90~5.30	For more detailed information about capacities, power input, EER, Energy label and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.	4.90 (nom)
Nominal input	min~nom~max	kW		0.30~0.78~0.96	0.30~1.16~1.27	0.45~1.72~1.95		1.72 (nom)
EER				3.21	3.02	2.85		2.85
Energy label				A	B	C		C
Annual energy consumption	cooling	kWh		390	580	860		860
HEAT PUMP - INVERTER CONTROLLED (air cooled)				FLXS25BVMB RXS25DVMB	FLXS35BVMB RXS35DVMB	FLXS50BVMB RXS50BVMB		FLXS60BVMB 4MXS68,80DVMB
Cooling capacity	min~nom~max	kW		1.3~2.5~3.0	1.4~3.5~3.8	0.90~4.90~5.30	For more detailed information about capacities, power input, EER/COP, Energy label and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.	
Nominal input	min~nom~max	kW		1.3~3.4~4.5	1.4~4.0~5.0	0.90~6.10~7.50		
Nominal input	cooling	min~nom~max	kW	0.30~0.78~0.96	0.30~1.16~1.27	0.45~1.72~1.95		
	heating	min~nom~max	kW	0.29~0.995~1.50	0.31~1.245~1.86	0.31~1.82~3.54		
EER				3.21	3.02	2.85		
COP				3.42	3.21	3.35		
Energy label	cooling			A	B	C		
	heating			B	C	C		
Annual energy consumption	cooling	kWh		390	580	860		

1) Energy label: scale from A (most efficient) to G (less efficient).

2) Annual energy consumption: based on average use of 500 running hours per year at full load (=nominal conditions)

3) The Energy Label Directive 2002/31/EC will enter into force once the relevant measurement standard will be published in the European Official Standard.



MULTI - COOLING ONLY	Max. n° of indoor units	Max. cooling capacities (kW)	Max. PI cooling capacities (kW)		
2MXS40D	2	4.20	1.52		
3MXS50D	3	6.46	2.25		
4MXS58D	4	6.60	2.47		
4MXS75D	4	9.27	3.71		
4MXS90D	4	9.86	3.52		
MULTI - HEAT PUMP	Max. n° of indoor units	Max. cooling capacities (kW)	Max. PI cooling (kW)	Max. heating capacities (kW)	Max. PI heating (kW)
2MXS40D*	2	4.20	1.52	4.70	1.87
2MXS52D*	2	6.50	2.69	7.34	2.42
3MXS52D*	3	6.50	2.69	7.34	2.42
4MXS68D*	4	8.68	3.69	10.64	3.41
4MXS80D*	4	9.49	3.34	11.00	3.52
SUPER MULTI PLUS - HEAT PUMP	Max. n° of indoor units	Max. cooling capacities (kW)	Max. PI cooling (kW)	Max. heating capacities (kW)	Max. PI heating (kW)
RMXS112D*	7	11.20	3.57	12.50	4.01
RMXS140D*	8	14.00	5.23	16.00	5.31
RMXS160D*	9	15.50	5.55	17.50	5.56

Notes: - For more detailed information about specifications, capacities, power input, energy labelling and annual energy consumption, please refer to our Multi Model/Super Multi Plus catalogue or check with your local dealer.

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

Specifications indoor units

COOLING ONLY			FLKS25BVM	FLKS35BVM	FLKS50BVM	FLKS60BVM	
Dimensions	HxWxD	mm	490x1,050x200				
Weight		kg	16	16	17	17	
Front panel colour			almond white				
Air flow rate	H/L/SL	m ³ /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		steps	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					
HEAT PUMP			FLXS25BVM	FLXS35BVM	FLXS50BVM	FLXS60BVM	
Dimensions	HxWxD	mm	490x1,050x200				
Weight		kg	16	16	17	17	
Front panel colour			almond white				
Air flow rate	cooling	H/L/SL	m ³ /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	m ³ /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	cool./heat.	H	dB(A)	53/*	54/*	63/*	64/63
Piping connections	liquid	mm	ø6.4				
	gas	mm	ø9.5		ø12.7		
	drain	mm	ø18.0				
Heat insulation		both liquid and gas pipes					

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

Indoor units: FLKS/FLXS-B



FLKXS25,35,50,60BVM



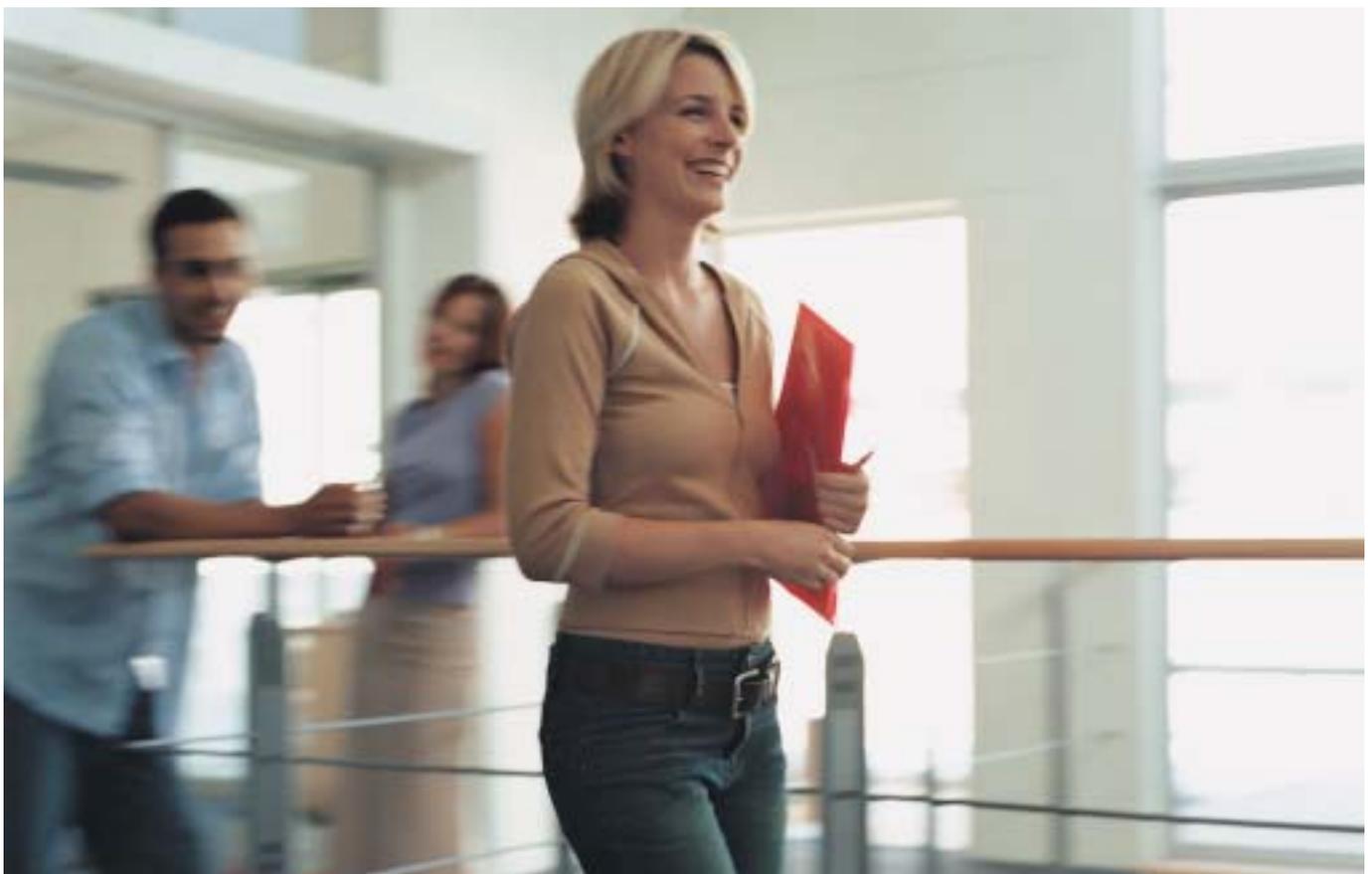
FLKXS25,35,50,60BVM

Specifications outdoor units

COOLING ONLY - INVERTER/NON INVERTER CONTROLLED				RKS25DVMB	RKS35DVMB	RKS50BVMB9	RS50BVMB
Dimensions	HxWxD		mm	550x765x285		735x825x300	735x825x300
Weight			kg	30	32	49	49
Casing colour				Ivory white		Ivory white	Ivory white
Sound pressure level	H/L		dB(A)	46/43	47/44	47/*	47/*
Sound power level	H		dB(A)	61	62	63	63
Compressor				hermetically sealed swing type		hermetically sealed swing type	hermetically sealed swing type
Refrigerant type				R-410A		R-410A	R-410A
Refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		0.02 (for piping length exceeding 10m)	0.02 (for piping length exceeding 10m)
Maximum piping length			m	20		30	30
Maximum level difference			m	15		20	20
Operation range	from ~ to		°CDB	-10~46		-10(-15**)~46	+10~46
HEAT PUMP - INVERTER CONTROLLED				RXS25DVMB	RXS35DVMB	RXS50BVMB	
Dimensions	HxWxD		mm	550x765x285		735x825x300	
Weight			kg	30	32	49	
Casing colour				Ivory white		Ivory white	
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44	47/*	
	heating	H/L	dB(A)	47/44	48/45	48/*	
Sound power level	cooling	H	dB(A)	61	62	63	
	heating	H	dB(A)	62	63	64	
Compressor				hermetically sealed swing type		herm. seal. swing type	
Refrigerant type				R-410A		R-410A	
Refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		0.02 (for piping length exceeding 10m)	
Maximum piping length			m	20		30	
Maximum level difference			m	15		20	
Operation range	cooling	from ~ to	°CDB	-10~46		-10~46	
	heating	from ~ to	°CWB	-15~20		-15~20	

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

** Possibility to extend the operation range down to -15°C by turning ON the switch on the outdoor unit PCB. In this case, the unit will stop operation at -20°C or lower and will recover when temperature rises again.



Accessories: control systems

INDOOR UNITS		FLK/XS25B	FLK/XS35B	FLK/XS50B	FLK/XS60B
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)			KRC726	
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

Accessories

INDOOR UNITS		FLK/XS25B	FLK/XS35B	FLK/XS50B	FLK/XS60B
Photocatalytic deodorising filter, with frame				KAZ917A41	
Photocatalytic deodorising filter, without frame				KAZ917A42	
Air purification filter, with frame				KAF925B41	
Air purification filter, without frame				KAF925B42	
Anti-theft protection for remote control				KKF917A4	

Accessories

OUTDOOR UNITS		RK/XS25D	RK/XS35D	RK/XS/RS50B
Air direction adjustment grille			KPW937A4	KPW945A4

Note: 1) VM = 1 ~ ,220 ~ 240/220-230V,50Hz/60Hz

2) Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB • outdoor temperature 35°CDB • refrigerant piping length 7.5m • level difference 0m.

3) Nominal heating capacities are based on: indoor temperature 20°CDB • outdoor temperature 7°CDB/6°CWB • refrigerant piping length 7.5m • level difference 0m.

4) Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

5) Units should be selected on nominal capacity. Max. capacity is limited to peak periods.

6) The sound pressure level is measured via a microphone at a certain distance from the unit (for measuring conditions: please refer to the technical databooks).

7) The sound power is an absolute value indicating the "power" which a sound source generates.



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 environmental friendly products. This challenge demands the eco design and development of a wide range of products and an energy management system; which involves energy conservation and 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.



Daikin units comply with the European regulations that guarantee the safety of 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 Europe N.V. is participating in the EUROVENT Certification Programme. Products are as listed in the EUROVENT Directory of Certified Products. Multi units are Eurovent certified for combinations up to 2 indoor units.

Specifications are subject to change without prior notice.

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