

FLEXI TYPE UNIT

Daikin air conditioners for your home

NEW

FLKS/FLXS-B



indoor unit FLK/XS25,35,50,60B



Slim & smart

- Lightweight but sturdy design
- Can fit on either ceiling or lower wall. It's low height enables it to fit beneath a window
- The home leave operation saves energy during absence
- Powerful mode can be selected for rapid cooling or heating
- Automatic air flow director ensures uniform air flow and temperature distribution
- Air purification filter:
 - deodorises the air
 - helps to prevent bacterial and viral propagation
- The photocatalytic deodorising air filter:
 - powerfully decomposes cigarette and pet odours
 - deactivates bacteria and viruses
 - removes house dust and pollen
- Washable front panel
- Indoor / outdoor unit silent operation
Silent buttons on the remote control lower the operating sound of the indoor and/or outdoor unit by 3dB(A) each
- Night quiet mode reduces the operating sound of outdoor unit automatically by 3dB(A) at night (multi outdoors in cooling mode only)

Easy to install

- Up to 4 indoor units can be connected to 1 Multi outdoor unit. All indoor units are individually controllable with a remote control and do not need to be installed in the same room. They operate simultaneously within the same cooling or heating mode.
- The outdoor unit can be installed on a roof or terrace or placed against an outside wall.
- The outdoor unit is fitted with a swing compressor, renowned for its low noise and energy efficiency.



outdoor unit RK/XS25,35B

Easy control at your fingertips

- The remote control has a 24 hour timer
- The indoor unit also has a start/stop button mounted on the front panel
- Up to 5 indoor units can be regulated from a single centralised control
- Purpose-designed holder provided for the remote control



remote control (standard)	centralised remote control (optional)	vertical auto swing
auto restart	powerful mode	auto cooling/heating changeover (FLXS)
auto fan speed	fan speed 5 steps	air purification filter
photocatalytic deodorising filter	dry programme	self diagnosis
night set mode	whisper quiet	energy efficiency
home leave operation	multi model application	24 hour timer
indoor unit silent operation	outdoor unit silent operation	night quiet mode MKS/MXS (cooling application only)

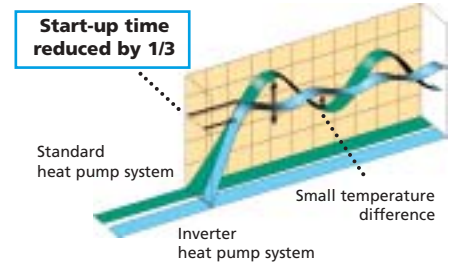
INVERTER
(25,35 class)



Inverter Control

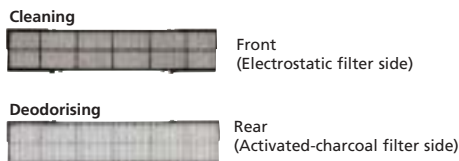
The use of integrated inverter control ensures maximum comfort and efficiency.

- Short start-up cycle**
 Inverter control enables the required room temperature to be achieved quicker with non-inverter units, in fact, start-up time is reduced by one third.
- 30% less power consumption**
 The inverter controller detects changes in room or outdoor conditions and adjusts the indoor temperature to compensate within seconds. Rapid response reduces power consumption to 30% lower than that of non-inverter systems.

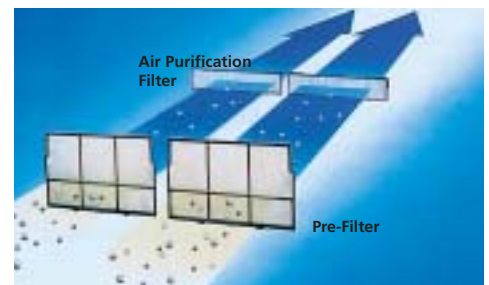


Air purification filter

The air purification filter traps fine dust as small as 0.01 microns to purify the air in a room. The filter is double-sided with an air-cleaning electrostatic filter on the front side and a deodorising activated charcoal filter on the rear side.



*Requires replacement only about once every 3 months.



Photocatalytic deodorising filter

This new filter is an anti-bacterial, anti-microbial and deodorising filter. The filter powerfully decomposes cigarette and pet odours and also restrains the reproduction of bacteria or micro-organisms caught in the filter. When the effectiveness of the filter reduces, the filter can be restored when it is exposed to sunlight.

Air purification filter:
 Removes house dust and pollen

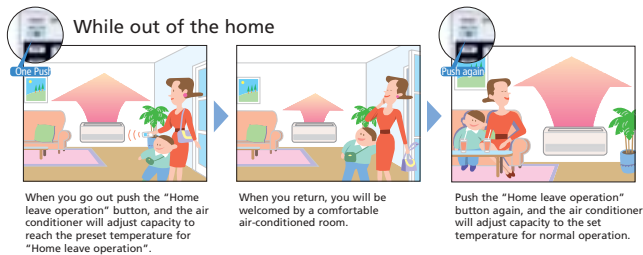
Photocatalytic deodorising filter:
 Decomposes odours and bacteria





Home leave operation

During the occupant's absence, the indoor temperature can be maintained at a preset level, according to user preference. The home leave operation can be activated or deactivated via the remote control. This useful function saves energy when the room is empty or when the occupant goes to bed. It also enables the room temperature to return quickly to the set temperature. A lamp on the indoor unit indicates that the home leave operation has been activated.



Indoor unit silent operation

When the air flow is set to "Quiet mode" via the remote control, the operating sound of the indoor unit is reduced by 3dB(A). This function is useful when studying or sleeping.



Outdoor unit silent operation

When the "silent button" is selected on the remote control of the indoor unit, the operating sound of the outdoor unit is reduced by 3dB(A), by lowering the revolution speed of the compressor and outdoor fan. This is a useful means of reducing the sound level, particularly during night time operation in order not to cause local disturbances.

Notes in case of Multi installations:

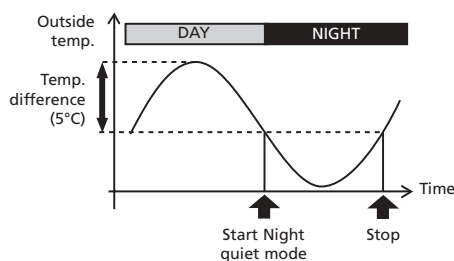
In the event that "Priority room setting" is not active, the "Outdoor unit silent mode" can be activated only if the 'silent' command is selected on ALL indoor units.

In case "Priority room setting" is active, the "Outdoor unit silent mode" can be activated merely by selecting the 'silent' command on the indoor unit in the room set as 'priority room'.



Night quiet mode (multi models only)

It is possible to reduce the outdoor unit sound level automatically by removing a jumper wire in the outdoor unit. This function only works in cooling mode. Night quiet mode automatically starts when the outdoor temperature has dropped by 6°C or more below the maximum temperature recorded during the day. (This function can be deactivated if the jumper wire is kept and reinstalled in the outdoor unit).



Capacity and power input

PAIR - COOLING ONLY (air cooled)	INDOOR UNIT		FLKS25BVMB	FLKS35BVMV	FLKS50BVMB	FLKS50BVMB
	OUTDOOR UNIT		RKS25BVMB	RKS35BVMB	RKS50BVMB	RS50BVMB
Capacity (min.-nom.-max.)	cooling	kW	1.00~2.50~3.00	1.00~3.50~3.70	0.90~4.90~5.30	4.90 (nom.)
Power input (min.-nom.-max.)	cooling	kW	0.24~0.715~0.925	0.24~1.22~1.30	0.45~1.72~1.95	1.72 (nom.)
EER			3.50	2.87	2.85	2.85
Energy label	cooling		A	C	C	C
Annual energy consumption	cooling	kW/h	357.5	610	860	860

Note : FLKS60BVMB - unit is only available in Multi Model application.

PAIR - HEAT PUMP (air cooled)	INDOOR UNIT		FLXS25BVMB	FLXS35BVMB	FLXS50BVMB	FLXS50BVMB
	OUTDOOR UNIT		RXS25BVMB	RXS35BVMB	RXS50BVMB	RS50BVMB
Capacity (min.-nom.-max.)	cooling	kW	1.00~2.50~3.00	1.00~3.50~3.70	0.90~4.90~5.30	
	heating	kW	1.00~3.40~5.00	1.00~4.50~5.00	0.90~6.10~7.50	
Power input (min.-nom.-max.)	cooling	kW	0.24~0.715~0.925	0.24~1.22~1.30	0.45~1.72~1.95	
	heating	kW	0.24~0.94~1.43	0.24~1.38~1.83	0.31~1.82~3.54	
EER			3.50	2.87	2.85	
COP			3.62	3.26	3.35	
Energy label	cooling		A	C	C	
	heating		A	C	C	
Annual energy consumption	cooling	kW/h	357.5	610	860	
	heating	kW/h	470	690	910	

Note : FLXS60BVMB - unit is only available in Multi Model application.

MULTI - COOLING ONLY (air cooled)	Max. n° of indoor units	Max. cooling capacity (kW)	Max. PI cooling (kW)	Max. heating capacity (kW)	Max. PI heating (kW)
2MKS40BVMB	2	4.20	1.49	-	-
3MKS50BVMB	3	6.46	2.18	-	-
4MKS58BVMB	4	6.60	2.22	-	-
4MKS75BVMB	4	9.47	3.52	-	-
4MKS90BVMB	4	9.40	3.35	-	-
MULTI - HEAT PUMP (air cooled)					
2MXS40BVMB	2	4.20	1.49	4.70	1.42
3MXS52BVMB	3	6.50	2.42	7.34	2.44
4MXS68BVMB	4	8.67	3.27	10.64	3.07
4MXS80BVMB	4	9.34	2.82	10.88	3.04

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



FLK/XS25,35,50,60BVMB



FLK/XS25,35,50,60BVMB

Specifications indoor units

COOLING ONLY			FLKS25BVMB	FLKS35BVMB	FLKS50BVMB	FLKS60BVMB
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
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
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			
HEAT PUMP			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)	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	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.

Control systems

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				DCS302B51	
Unified ON/OFF control				DCS301B51	
Schedule timer				DCT301B51	
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/XS-B		25	35	50	60
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				KKF910A4	

RK/XS25,35BVMB



RK/XS50,60BVMB -RS50BVMB



Specifications outdoor units

PAIR - COOLING ONLY				RKS25BVMB	RKS35BVMB	RKS50BVMB	RS50BVMB (NON - INV)
Dimensions	HxWxD	mm	560x695x265		735x825x300		735x825x300
Weight		kg	37	37	49	49	
Casing colour			ivory white				
Sound pressure level	cooling (H/L)	dB(A)	46/43	47/44	47/*	47/*	
Sound power level	cooling (H)	dB(A)	59	60	63	63	
Compressor			hermetically sealed swing type				
Refrigerant type			R-410A				
Amount of additional charge		g/m	20 (for piping length exceeding 10m)				
Maximum piping length		m	25		30	30	
Maximum level difference		m	15		20	20	
Standard operation range	cooling	from~to	°CDB -10~46				
PAIR - HEAT PUMP				RXS25BVMB	RXS35BVMB	RXS50BVMB	
Dimensions	HxWxD	mm	560x695x265		735x825x300		
Weight		kg	37	37	49		
Casing colour			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	cool./heat. (H)	dB(A)	59/*	60/*	63/64		
Compressor			hermetically sealed swing type				
Refrigerant type			R-410A				
Amount of additional charge		g/m	20 (for piping length exceeding 10m)				
Maximum piping length		m	20		30		
Maximum level difference		m	15		20		
Standard operation range	cooling	from~to	°CDB -10~46				
	heating	from~to	°CWB -15~20				

* This information was not available at the time of publication



Specifications outdoor units

MULTI - COOLING ONLY				2MKS40BVMB	3MKS50BVMB	4MKS58BVMB	4MKS75BVMB	4MKS90BVMB
Dimensions	HxWxD	mm		640x685x285		735x936x300		908x900x320
Weight		kg		39	59	55	58	66
Casing colour				ivory white				
Sound pressure level	cooling (H/L)	dB(A)		47/43	46/43	46/*	48/*	48/*
Sound power level	cooling (H)	dB(A)		60	62	59	61	61
Compressor				hermetically sealed double swing type				
Refrigerant type				R-410A				
Amount of additional charge		m		20 (20m or more)	chargeless			
Maximum piping length	for total of each room	m		30	45	45	60	70
	for one room	m		20	25			
Maximum level difference	between indoor and outdoor	m		10	15			
	between indoor units	m		7.5	7.5			
Standard operation range	cooling	from~to	°CDB	10~46	-10~46			
MULTI-HEAT PUMP				2MXS40BVMB	3MXS52BVMB	4MXS68BVMB	4MXS80BVMB	
Dimensions	HxWxD	mm		640x685x285	735x936x300	735x936x300	908x900x320	
Weight		kg		39	55	59	73	
Casing colour				ivory white				
Sound pressure level	cooling (H/L)	dB(A)		47/43	46/*	48/*	48/*	
	heating (H/L)	dB(A)		48/44	47/*	49/*	49/*	
Sound power level	cooling (H)	dB(A)		60	59	61	61	
	heating (H)	dB(A)		61	60	62	62	
Compressor				hermetically sealed double swing type				
Refrigerant type				R-410A				
Amount of additional charge		g/m		20(20m or more)	20(30m or more)	20(30m or more)	20(40m or more)	
Maximum piping length	for total of each room	m		30	45	60	70	
	for one room	m		20	25			
Maximum level difference	between indoor and outdoor	m		10	15			
	between indoor units	m		7.5	7.5			
Standard operation range	cooling	from~to	°CDB	10~46	-10~46			
	heating	from~to	°CWB	-15~15.5	-15~15.5			

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

Accessories outdoor units

	PAIR (25,35 class) / MULTI (40 class)	PAIR (50 class) / MULTI (52-90 class)
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.
8) Energy label: scale from A (most efficient) to G (less efficient).
9) Annual energy consumption: based on average use of 500 running hours per year at full load (=nominal conditions)

Daikin products are distributed by:



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. is participating in the EUROVENT Certification Programme. Products are as listed in the EUROVENT Directory of Certified Products. Multi units are certified by Eurovent for combinations up to two indoor units.

Specifications are subject to change without prior notice.

DAIKIN EUROPE N.V.

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