

FLOOR STANDING UNIT

Daikin air conditioners for your home

FVKS/FVXS-B



indoor unit FVK/XS25,35,50B



remote control (standard)



centralised remote control (optional)



vertical auto swing



auto restart



powerful mode



auto cooling/heating changeover (FVXS)



fan only (FVKS)



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 appl. only)



(25,35 class)

Stylish & elegant

- Lightweight and compact
- Can be used as floor standing or lower wall application. As a floor standing model, it can be semi-recessed or fully recessed without loss of capacity
- A double horizontal air flow director ensures uniform air flow and temperature distribution.
- The home leave operation saves energy during absence
- 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
- Powerful mode can be selected for rapid cooling and heating
- 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 automatically reduces the operating sound of outdoor unit 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





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 than 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.

Start-up time
reduced by 1/3

Standard
heat pump system

Inverter
heat pump system

Small temperature
difference



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.

Cleaning



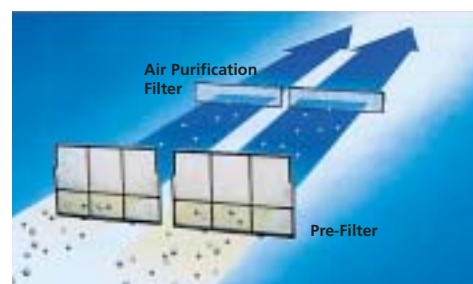
Front
(Electrostatic filter side)

Deodorising



Rear
(Activated-charcoal filter 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:

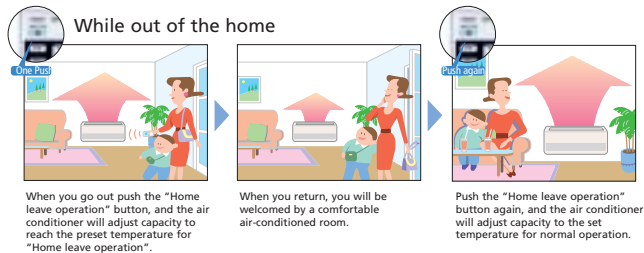
Decomposes odours and bacteria





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.

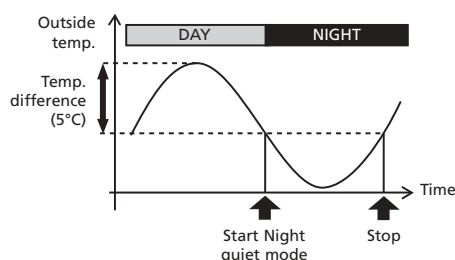
In case "Priority room setting" is active, the "Outdoor unit silent mode" can be activated merely by selecting the 'silent' command on the indoor unit in the room set as 'priority room'.



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		FVKS25BVMVB	FVKS35BVMV	FVKS50BVMVB	FVKS50BVMVB
	OUTDOOR UNIT		RKS25BVMVB	RKS35BVMVB	RKS50BVMVB	RS50BVMVB
Capacity (min.-nom.-max.)	cooling	kW	1.00~2.50~3.00	1.00~3.50~3.70	0.90~4.80~5.30	4.80 (nom.)
Power input (min.-nom.-max.)	cooling	kW	0.24~0.70~0.925	0.24~1.16~1.30	0.45~1.70~2.35	1.70 (nom.)
EER			3.57	3.02	2.82	2.82
Energy label	cooling		A	B	C	C
Annual energy consumption	cooling	kW/h	350	580	850	850

PAIR - HEAT PUMP (air cooled)	INDOOR UNIT		FVXS25BVMVB	FVXS35BVMVB	FVXS50BVMVB
	OUTDOOR UNIT		RXS25BVMVB	RXS35BVMVB	RXS50BVMVB
Capacity (min.-nom.-max.)	cooling	kW	1.00~2.50~3.00	1.00~3.50~3.70	0.90~4.80~5.30
	heating	kW	1.00~3.40~5.00	1.00~4.50~5.00	0.90~6.00~7.70
Power input (min.-nom.-max.)	cooling	kW	0.24~0.70~0.925	0.24~1.16~1.30	0.45~1.70~2.35
	heating	kW	0.24~0.84~1.43	0.24~1.285~1.83	0.31~1.87~2.60
EER			3.57	3.02	2.82
COP			4.05	3.50	3.21
Energy label	cooling		A	B	C
	heating		A	B	C
Annual energy consumption	cooling	kW/h	350	580	850
	heating	kW/h	420	642.5	935

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

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)
3MKS50BVMVB	3	6.46	2.18	-	-
4MKS58BVMVB	4	6.60	2.22	-	-
4MKS75BVMVB	4	9.47	3.52	-	-
4MKS90BVMVB	4	9.40	3.35	-	-
MULTI - HEAT PUMP (air cooled)					
3MXS52BVMVB	3	6.50	2.42	7.34	2.44
4MXS68BVMVB	4	8.67	3.47	10.64	3.07
4MXS80BVMVB	4	9.45	3.04	11.00	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.



FVK/XS25,35,50BVMVB

Specifications indoor units

COOLING ONLY			FVKS25BVMVB	FVKS35BVMVB	FVKS50BVMVB
Dimensions	HxWxD	mm	600x650x195		
Weight		kg	13	13	13
Front panel colour			almond white		
Air flow rate	cooling (H/L/SL)	m³/min	8.1/4.3/3.4	8.3/4.3/3.4	10.8/7.7/6.7
Fan speed		steps	5 steps, silent and auto		
Sound pressure level	cooling (H/L/SL)	dB(A)	38/26/23	39/27/24	44/36/33
Sound power level	cooling (H)	dB(A)	54	55	56
Piping connections	liquid	mm	ø6.4		
	gas	mm	ø9.5		
	drain	mm	ø18.0		
Heat insulation			both liquid and gas pipes		
HEAT PUMP			FVXS25BVMVB	FVXS35BVMVB	FVXS50BVMVB
Dimensions	HxWxD	mm	600x650x195		
Weight		kg	13	13	13
Front panel colour			almond white		
Air flow rate	cooling (H/L/SL)	m³/min	8.1/4.3/3.4	8.3/4.3/3.4	10.8/7.7/6.7
	heating (H/L/SL)	m³/min	9.2/4.8/3.5	9.2/5.0/3.6	13.2/9.4/8.3
Fan speed		steps	5 steps, silent and auto		
Sound pressure level	cooling (H/L/SL)	dB(A)	38/26/23	39/27/24	44/36/33
	heating (H/L/SL)	dB(A)	38/26/23	39/29/26	45/36/33
Sound power level	cool./heat. (H)	dB(A)	54/*	55/*	56/57
Piping connections	liquid	mm	ø6.4		
	gas	mm	ø9.5		
	drain	mm	ø18.0		
Heat insulation			both liquid and gas pipes		

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

Control systems

FVK/XS-B		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			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

FVK/XS-B		25	35	50
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	



Specifications outdoor units

PAIR - COOLING ONLY				RKS25BVMC	RKS35BVMC	RKS50BVMC	RS50BVMC (NON-INV)
Dimensions	HxWxD	mm		560x695x265		735x825x300	735x825x300
Weight		kg		37	37	49	48
Casing colour				ivory white			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	60
Compressor				hermetically sealed swing type			hermet. sealed swing
Refrigerant type				R-410A			R-410A
Amount of additional charge				20 (for piping length exceeding 10m)			
Maximum piping length				25	25	30	30
Maximum level difference				15	15	20	20
Standard operation range	cooling	from~to	°CDB	-10~46			10~46
PAIR - HEAT PUMP				RXS25BVMC	RXS35BVMC	RXS50BVMC	
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	cooling (H)	dB(A)		59	60	63	
	heating (H)	dB(A)		*	*	64	
Compressor				hermetically sealed swing type			
Refrigerant type				R-410A			
Amount of additional charge				20 (for piping length exceeding 10m)			
Maximum piping length				25	25	30	
Maximum level difference				15	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				3MKS50BVMB	4MKS58BVMB	4MKS75BVMB	4MKS90BVMB
Dimensions	HxWxD	mm		735x936x300			908x900x320
Weight		kg		59	55	58	66
Casing colour				ivory white			
Sound pressure level	cooling (H/L)	dB(A)		46/43	46/*	48/*	48/*
Sound power level	cooling (H)	dB(A)		59	59	61	61
Compressor				hermetically sealed swing type			
Refrigerant type				R-410A			
Amount of additional charge		g/m		chargeless			
Maximum	for total of each room	m		45	45	60	70
piping length	for one room	m		25			
Maximum	between indoor and outdoor	m		15			
level difference	between indoor units	m		7.5			
Standard operation range	cooling	from~to	°CDB	-10~46			
MULTI - HEAT PUMP				3MXS52BVMB	4MXS68BVMB	4MXS80BVMB	
Dimensions	HxWxD	mm		735x936x300	735x936x300	908x900x320	
Weight		kg		55	59	73	
Casing colour				ivory white			
Sound pressure level	cooling (H/L)	dB(A)		46/*	48/*	48/*	
	heating (H/L)	dB(A)		47/*	49/*	49/*	
Sound power level	cooling (H)	dB(A)		59	61	61	
	heating (H)	dB(A)		60	62	62	
Compressor				hermetically sealed swing type			
Refrigerant type				R-410A			
Amount of additional charge		g/m		20(30m or more)	20(30m or more)	20(40m or more)	
Maximum	for total of each room	m		45	60	70	
piping length	for one room	m		25			
Maximum	between indoor and outdoor	m		15			
level difference	between indoor units	m		7.5			
Standard operation range	cooling	from~to	°CDB	-10~46			
	heating	from~to	°CWB	-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.

Zandvoordestraat 300

B-8400 Oostende, Belgium

Internet: <http://www.daikineurope.com>