

WALL MOUNTED UNIT

Daikin air conditioners for your home

NEW



indoor unit FTK/XS25,35B



FTKS/FTXS-B



remote control (standard)



centralised remote control (optional)



horizontal auto swing



vertical auto swing



auto restart



powerful mode



auto cooling/heating changeover (FTXS)



auto fan speed



fan only (FTKS)



fan speed 5 steps



photocatalytic deodorising filter



air purification filter



movement sensor



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)

Stylish & elegant

- Flat front panel: its stylish appearance fits easily within any interior decor and is more easy to clean
- Lightweight and compact
- The movement sensor automatically saves power consumption in unoccupied rooms
- The home leave operation saves energy during absence
- Automatic horizontal and vertical auto swing ensures uniform air flow and temperature distribution
- 3D-air flow (50,60,71 class only)
- Powerful mode can be selected for rapid cooling and heating
- Air purification filter:
 - deodorises the air
 - helps to prevent bacterial and viral propagation
- Photocatalytic deodorising air filter:
 - powerfully decomposes cigarette and pet odours
 - removes house dust and pollen
 - deactivates bacteria and viruses
- 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 the 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



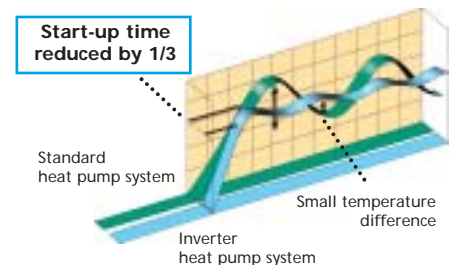
(25,35 class) (50,60,71 class)



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 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.



Photocatalytic deodorising filter

This filter is an anti-bacterial and deodorising filter, which powerfully decomposes cigarette and pet odours and also restrains the reproduction of bacteria or micro-organisms caught in the filter. For the 25 and 35 class this filter exists out of 2 separate pieces:



Air purification filter:
Removes house dust and pollen



Photocatalytic deodorising filter:
Decomposes odours and bacteria



For the 50,60 and 71 class, the current air purification filter and photocatalytic deodorising filter are combined into 1 filter:



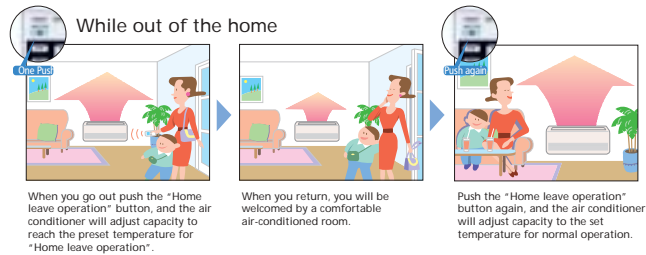
2 advantages:

Unlike the current photocatalytic deodorising filter, this filter does not need to be exposed to the sun. The filter contains active components that are regenerated by the room light and does not have to be replaced for 3 years. It is sufficient to soak it in water once every 6 months (= long lasting effect!)



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.



3D-air flow

Circulates room air all around the room evenly to decrease uneven temperature differences (50,60,71 class only). This function can be started by pushing both horizontal and vertical swing buttons simultaneously.



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.

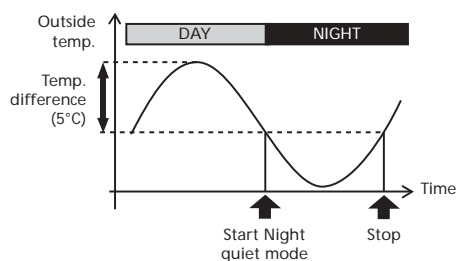
In case "Priority room setting" is active, the "Outdoor unit silent mode" can be activated merely by selecting the 'silent' command on the indoor unit in the room set as 'priority room'.



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		FTKS25BVMB	FTKS35BVMV	FTKS50BVMB	FTKS60BVMB	FTKS71BVMB
	OUTDOOR UNIT		RKS25BVMB	RKS35BVMB	RKS50BVMB	RKS60BVMB	RKS71BVMB
Capacity (min.-nom.-max.)	cooling	kW	1.00-2.50-3.00	1.00-3.50-3.70	0.90-5.00-5.80	0.90-6.00-6.70	0.90-7.10-8.00
Power input (min.-nom.-max.)	cooling	kW	0.24-0.70-0.925	0.24-1.16-1.30	0.45-1.66-2.30	0.45-2.12-2.45	0.45-2.53-3.07
EER			3.57	3.02	3.01	2.83	2.81
Energy label	cooling		A	B	B	C	C
Annual energy consumption	cooling	kW/h	350	580	830	1,060	1,265

PAIR - HEAT PUMP (air cooled)	INDOOR UNIT		FTXS25BVMB	FTXS35BVMB	FTXS50BVMB	FTXS60BVMB	FTXS71BVMB
	OUTDOOR UNIT		RXS25BVMB	RXS35BVMB	RXS50BVMB	RXS60BVMB	RXS71BVMB
Capacity (min.-nom.-max.)	cooling	kW	1.00-2.50-3.00	1.00-3.50-3.70	0.90-5.00-5.80	0.90-6.00-6.70	0.90-7.10-8.00
	heating	kW	1.00-3.40-5.00	1.00-4.20-5.80	0.90-5.80-7.50	0.90-7.00-8.00	0.90-8.50-9.50
Power input (min.-nom.-max.)	cooling	kW	0.24-0.70-0.925	0.24-1.16-1.30	0.45-1.66-2.30	0.45-2.12-2.45	0.45-2.53-3.07
	heating	kW	0.24-0.935-1.43	0.24-1.23-1.83	0.45-1.70-2.58	0.45-2.09-3.10	0.45-2.63-3.80
EER			3.57	3.02	3.01	2.83	2.81
COP			3.64	3.41	3.41	3.35	3.23
Energy label	cooling		A	B	B	C	C
	heating		A	B	B	C	C
Annual energy consumption	cooling	kW/h	350	580	830	1,060	1,265
	heating	kW/h	467.5	615	850	1,045	1,315

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	3.47	10.64	3.07
4MXS80BVMB	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.

FTK/XS25,35BVMB

FTK/XS50BVMB

FTK/XS60,71BVMB



Specifications indoor units

COOLING ONLY			FTKS25BVMB	FTKS35BVMB	FTKS50BVMB	FTKS60BVMB	FTKS71BVMB
Dimensions	HxWxD	mm	273x784x195		290x795x238	290x1,050x238	
Weight		kg	8	8	9	12	12
Front panel colour			white				
Air flow rate	cooling (H/L/SL)	m³/min	7.4/4.1/3.6	7.4/4.4/3.8	11.4/8.0/7.1	16.2/11.4/10.2	16.7/11.6/10.6
Fan speed		steps	5 steps, silent and auto				
Sound pressure level	cooling (H/L/SL)	dB(A)	38/25/22	39/26/23	44/35/32	45/36/33	46/37/34
Sound power level	cooling (H)	dB(A)	54	55	63	63	63
Piping connections	liquid	mm	ø6.4		ø6.4		
	gas	mm	ø9.5		ø12.7		ø15.9
	drain	mm	ø18.0		ø18.0		
Heat insulation			both liquid and gas pipes				
HEAT PUMP			FTXS25BVMB	FTXS35BVMB	FTXS50BVMB	FTXS60BVMB	FTXS71BVMB
Dimensions	HxWxD	mm	273x784x195		290x795x238	290x1,050x238	
Weight		kg	8	8	9	12	12
Front panel colour			white				
Air flow rate	cooling (H/L/SL)	m³/min	7.4/4.1/3.6	7.4/4.4/3.8	11.4/8.0/7.1	16.2/11.4/10.2	16.7/11.6/10.6
	heating (H/L/SL)	m³/min	7.5/5.0/4.5	7.5/5.2/4.6	12.6/8.9/7.7	17.4/12.7/11.4	18.5/13.5/12.1
Fan speed		steps	5 steps, silent and auto				
Sound pressure level	cooling (H/L/SL)	dB(A)	38/25/22	39/26/23	44/35/32	45/36/33	46/37/34
	heating (H/L/SL)	dB(A)	38/28/25	39/29/26	42/33/30	44/35/32	46/37/34
Sound power level	cool./heat. (H)	dB(A)	54/*	55/*	63/60	63/62	63/63
Piping connections	liquid	mm	ø6.4		ø6.4		
	gas	mm	ø9.5		ø12.7		ø15.9
	drain	mm	ø18.0		ø18.0		
Heat insulation			both liquid and gas pipes				

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

Control systems

FTK/XS-B		25	35	50	60	71
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

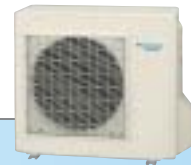
Accessories indoor units

FTK/XS-B		25	35	50	60	71
Photocatalytic deodorising filter, with frame		KAZ926B41			-	
Photocatalytic deodorising filter, without frame		KAZ926A42			-	
Combined air purification filter + photocatalytic deodorising filter		-			KAF952A42	
Air purification filter, with frame		KAZ926B41			-	
Air purification filter, without frame		KAF926B42			-	
Anti-theft protection for remote control						KKF910A4

RK/XS25,35BVMB



RK/XS50,60,71BVMB



Specifications outdoor units

PAIR - COOLING ONLY			RKS25BVMB	RKS35BVMB	RKS50BVMB	RKS60BVMB	RKS71BVMB
Dimensions	HxWxD	mm	560x695x265		735x825x300		
Weight		kg	37	37	49	53	55
Casing colour			ivory white				
Sound pressure level	cooling (H/L)	dB(A)	46/43	47/44	47/*	49/*	52/*
Sound power level	cooling (H)	dB(A)	59	60	63	64	66
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		
Maximum level difference		m	15		20		
Standard operation range	cooling	from-to	°CDB -10-46				
PAIR - HEAT PUMP			RXS25BVMB	RXS35BVMB	RXS50BVMB	RXS60BVMB	RXS71BVMB
Dimensions	HxWxD	mm	560x695x265		735x825x300		
Weight		kg	37	37	49	53	55
Casing colour			ivory white				
Sound pressure level	cooling (H/L)	dB(A)	46/43	47/44	47/*	49/*	52/*
	heating (H/L)	dB(A)	47/44	48/45	48/*	49/*	52/*
Sound power level	cooling/heating (H)	dB(A)	59/*	60/*	63/64	64/64	66/66
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)	62	59	59	61	61	
Compressor	hermetically sealed swing type							
Refrigerant type	R-410A							
Amount of additional charge		g/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 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	-10-15.	-15-15.5			

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

Accessories outdoor units

	PAIR (25,35 class) / MULTI (40 class)	PAIR (50,60,71 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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