

WALL MOUNTED UNIT

Daikin air conditioners for your home

NEW

FTK/FTX-B



indoor unit FTK/X25,35B



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
- Powerful mode can be selected for rapid cooling and heating
- Washable front panel
- Air purification filter:
 - deodorises the air
 - helps to prevent bacterial and viral propagation

Easy to install

- The outdoor unit can be installed on a roof or terrace or placed against an outside wall.
- Outdoor units are fitted with a swing compressor, renowned for their low noise and energy efficiency.



outdoor unit RK/X25,35B

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 (FTX)
auto fan speed	fan only (FTK)	fan speed 5 steps
air purification filter	movement sensor	DRY programme
self diagnosis	night set mode	whisper quiet
energy efficiency	home leave operation	24 hour timer



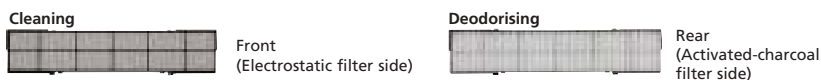
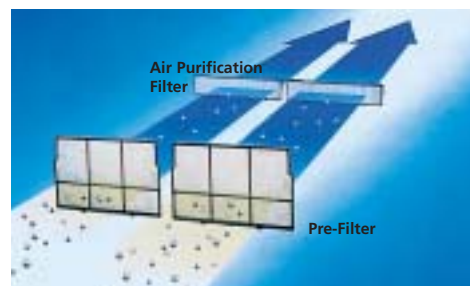
Inverter Control

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.

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.



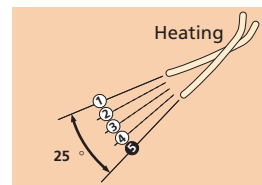
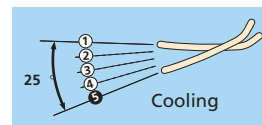
*Requires replacement only about once every 3 months.

Auto swing

Vertical auto swing automatically moves the flaps up and down to ensure an even distribution of air.

When the air conditioner is turned off, the flaps shut automatically so that dust cannot enter.

The flap angle can precisely be controlled with a convenient five-step preset programme using the digital display on the remote control. The angle is initially set on step 5, and each step represents a movement of 5°.



Powerful mode

Cooling capacity increases with 10%. This is an added convenience for those exceptionally hot days and can be made even when the compressor is already rotating at high speed. Convenient for use upon returning home on a hot day. This function automatically returns the unit to its previous setting after 20 minutes.



Inverter powerful-operation button on wireless remote control

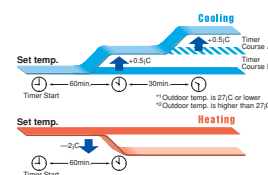
Home leave operation

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.

Night set mode

Through the use of the "Timer-off circuit", the room temperature gently rises during cooling operation or falls during heating operation until the preset temperature is reached before the unit stops.

This means you can sleep more comfortably without feeling a sudden change in room temperature.



Capacity and power input

PAIR-COOLING ONLY (air cooled)	INDOOR UNIT		FTK25BVMV	FTK35BVMV
	OUTDOOR UNIT		RK25BVMV	RK35BVMV
Capacity (min.-nom.-max.)	cooling	kW	1.30-2.50-3.00	1.40-3.15-3.80
Power input (min.-nom.-max.)	cooling	kW	0.43-0.89-1.25	0.50-1.12-1.72
EER			2.81	2.81
Energy label	cooling		C	C
Annual energy consumption	cooling	kW/h	445	560

PAIR-HEAT PUMP (air cooled)	INDOOR UNIT		FTX25BVMV	FTX35BVMV
	OUTDOOR UNIT		RX25BVMV	RX35BVMV
Capacity (min.-nom.-max.)	cooling	kW	1.30-2.50-3.00	1.40-3.15-3.80
	heating	kW	1.30-3.30-4.00	1.40-4.10-5.00
Power input (min.-nom.-max.)	cooling	kW	0.43-0.89-1.25	0.50-1.12-1.72
	heating	kW	0.35-1.025-1.35	0.405-1.345-1.90
EER			2.81	2.81
COP			3.22	3.05
Energy label	cooling		C	C
	heating		C	D
Annual energy consumption	cooling	kW/h	445	560
	heating	kW/h	512.5	672.5



FTK/X25,35BVMV

Specifications indoor units

COOLING ONLY			FTK25BVMV	FTK35BVMV
Dimensions	HxWxD	mm	273x784x195	
Weight		kg	7.5	7.5
Front panel colour			white	
Air flow rate	cooling (H/L)	m ³ /min	7.7/4.2	7.7/4.5
Fan speed		steps	5 steps, silent and auto	
Sound pressure level	cooling (H/L)	dB(A)	39/26	39/27
Sound power level	cooling (H)	dB(A)	55	55
Piping connections	liquid	mm	ø6.4	
	gas	mm	ø9.5	
	drain	mm	ø18.0	
Heat insulation			both liquid and gas pipes	
HEAT PUMP			FTX25BVMV	FTX35BVMV
Dimensions	HxWxD	mm	273x784x195	
Weight		kg	7.5	7.5
Front panel colour			white	
Air flow rate	cooling (H/L)	m ³ /min	7.7/4.2	7.7/4.5
	heating (H/L)	m ³ /min	7.9/5.2	7.9/5.4
Fan speed		steps	5 steps, silent and auto	
Sound pressure level	cooling (H/L)	dB(A)	39/26	39/27
	heating (H/L)	dB(A)	39/26	39/27
Sound power level	cooling (H)	dB(A)	55	55
Piping connections	liquid	mm	ø6.4	
	gas	mm	ø9.5	
	drain	mm	ø18.0	
Heat insulation			both liquid and gas pipes	

Control systems

FTK/X-B		25	35
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/X-B	25	35
Air purification filter, with frame		KAF925B41
Air purification filter, without frame		KAF925B42
Anti-theft protection for remote control		KKF910A4



RK/X25,35BVMB

Specifications outdoor units

COOLING ONLY				RK25BVMB		RK35BVMB	
Dimensions	HxWxD	mm	560x695x265				
Weight		kg	34		37		
Casing colour	ivory white						
Sound pressure level	cooling (H/L)	dB(A)	46/*		47/*		
Sound power level	cooling (H)	dB(A)	59		60		
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				
Maximum level difference		m	15				
Standard operation range	cooling	from~to	°CDB		10~46		
HEAT PUMP				RX25BVMB		RX35BVMB	
Dimensions	HxWxD	mm	560x695x265				
Weight		kg	34		37		
Casing colour	ivory white						
Sound pressure level	cooling (H/L)	dB(A)	46/*		47/*		
	heating (H/L)	dB(A)	47/*		48/*		
Sound power level	cooling/heating (H)	dB(A)	59/*		60/*		
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	15				
Maximum level difference		m	15				
Standard operation range	cooling	from~to	°CDB		10~46		
	heating	from~to	°CWB		-10~20		

Accessories outdoor units

RK/X-B	25	35
Air direction adjustment grille		KPW937A4

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

- Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB • outdoor temperature 35°CDB • refrigerant piping length 7.5m • level difference 0m.
- Nominal heating capacities are based on: indoor temperature 20°CDB • outdoor temperature 7°CDB/6°CWB • refrigerant piping length 7.5m • level difference 0m.
- Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- Units should be selected on nominal capacity. Max. capacity is limited to peak periods.
- 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).
- The sound power is an absolute value indicating the "power" which a sound source generates.
- Energy label: scale from A (most efficient) to G (less efficient).
- Annual energy consumption: based on average use of 500 running hours per year at full load (=nominal conditions)

Daikin's unique position as a manufacturer of air conditioning equipment, compressors and ozone-friendly 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 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.

Specifications are subject to change without prior notice.

DAIKIN EUROPE N.V.

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