

Daikin air conditioners for your home wall mounted unit

Daikin Airconditioning UK Ltd



www.daikin.co.uk

FTXG-C



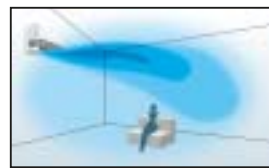


The UX1 has already won the 'Good Design Award 2003' for its modern design. This stylish wall mounted unit is available in 2 colour variations: matt crystal white or matt crystal silver. The UX1 not only breaks new ground technologically, it also adds a new dimension of comfort to your life in a very distinctive, stylish way.

COMFORT

- The **comfort mode** function ensures draught-free operation. During cooling operation the flap angle turns horizontally to prevent cold air blowing directly on to you. During heating operation it turns downward vertically to send the warm air direct to your feet.

Cooling mode



Heating mode



- The **3D air flow** function combines the vertical and horizontal auto swing to circulate a stream of cool/warm air right to the corners of even large spaces.

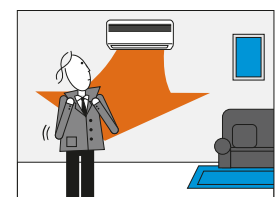
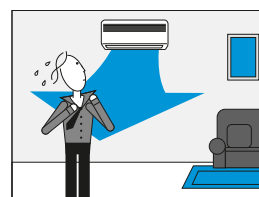


- The **indoor/outdoor unit silent operation** function increases comfort by offering industry leading quiet operation of 22dB(A) for the indoor unit and 43dB(A) for the outdoor unit.

- 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.

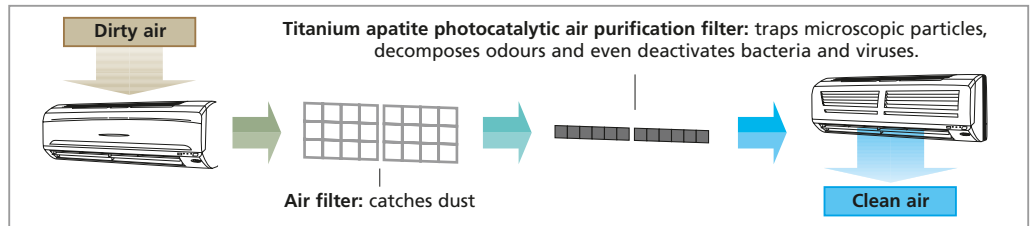
- The **powerful operation function** boosts the air flow to a maximum volume for a 20-minute period, (e.g. when you come home on a hot day, rapid cooling is required). After this, the unit returns automatically to its previous settings.



- 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.

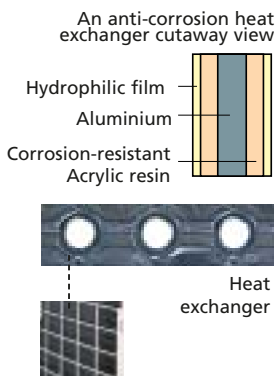
FILTER

- This wall mounted unit is equipped with a **titanium apatite photocatalytic air purification filter**. Micron scale fibres in this filter trap dust while the titanium apatite absorbs organic contaminants such as bacteria and viruses. In addition, the titanium oxide is activated by natural light, allowing it to break down and eliminate odours. The filter lasts for 3 years without replacement if washed about every 6 months.



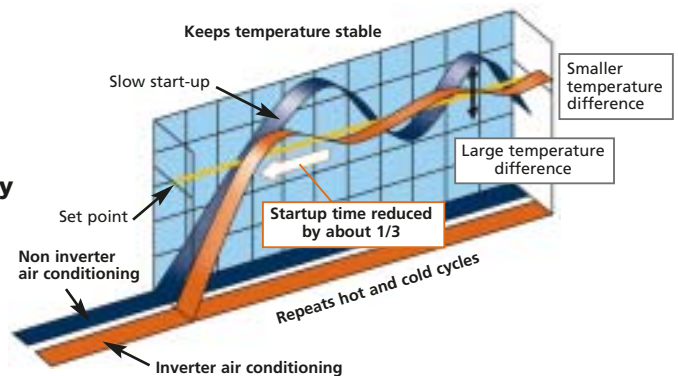
FLEXIBLE INSTALLATION AND EASY TO USE AND MAINTAIN

- 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.



ENERGY EFFICIENT

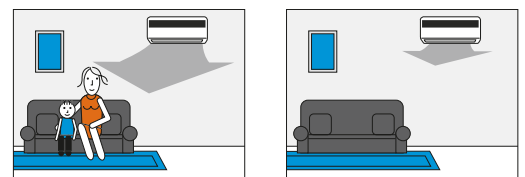
- Energy label: A
- Inverter technology:** Improved energy efficiency: The use of integrated inverter control ensures maximum **energy efficiency** by supplying only the required heating or cooling load where a standard non inverter unit would supply maximum load in an on/off regime.



Improved comfort:

The rapid start up time provided by the inverter increases **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, thereby increasing comfort once again.

- The **movement sensor** detects whether anyone is in the room. When the room is empty, the unit switches to economy mode and restarts when a person enters the room.



APPLICATION OPTIONS

- This model can be used for cooling only or heating.
- This unit can only be used in pair (connecting one indoor to one outdoor) applications.



Capacity and power input

PAIR - HEAT PUMP (air cooled)			FTXG25CVMBW/S RXG25CVMB	FTXG35CVMBW/S RXG35CVMB
Capacity (min.-nom.-max)	cooling	kW	1.3~2.5~3.0	1.4~3.5~3.8
	heating	kW	1.3~3.4~4.5	1.4~4.2~5.0
Power input (min.-nom.-max)	cooling	kW	0.30~0.620~0.95	0.30~1.060~1.29
	heating	kW	0.29~0.825~1.42	0.31~1.135~1.56
EER			4.03	3.30
COP			4.12	3.70
Energy label	cooling		A	A
	heating		A	A
Annual energy consumption	cooling	kWh	310	530

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

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

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

Specifications indoor units

PAIR - HEAT PUMP				FTXG25CVMBW/S	FTXG35CVMBW/S
Dimensions	HxWxD	mm	275x840x150		
Weight		kg	9.0		
Front panel colour	Mat crystal white (W) / Mat crystal silver (S)				
Air flow rate	cooling	H/L/SL	m ³ /min	7.4/4.4/3.7	7.9/4.7/4.1
	heating	H/L/SL	m ³ /min	7.7/6.0/5.0	7.9/6.0/5.1
Fan speed	steps				
Sound pressure level	cooling	H/L/SL	dB(A)	5 steps, silent and auto	
	heating	H/L/SL	dB(A)	38/25/22	39/26/23
Sound power level	cooling	H	dB(A)	38/28/25	39/29/26
Piping connections	liquid	mm	ø 6.4		
	gas	mm	ø 9.5		
	drain	mm	ø 18		
Heat insulation	both liquid and gas pipes				

Indoor units: FTXG-C



FTXG25,35CVMBW



FTXG25,35CVMB5



Specifications outdoor units

PAIR - HEAT PUMP				RXG25CVMB	RXG35CVMB
Dimensions	HxWxD	mm		550x765x285	
Weight		kg		32	
Casing colour				Ivory white	
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44
	heating	H/L	dB(A)	47/44	48/45
Sound power level	cooling	H	dB(A)	61	62
Compressor	Hermetically sealed swing type				
Refrigerant type	R-410A				
Refrigerant charge		kg/m		0.02 (for piping length exceeding 10m)	
Maximum piping length		m		20	
Maximum level difference		m		15	
Standard operation range	cooling	from ~ to	°CDB	+10 ~ 46	
	heating	from ~ to	°CWB	-15 ~ 20	

Accessories: control systems

INDOOR UNITS			FTXG25CVMBW/S	FTXG35CVMBW/S
Wiring adapter for time clock/remote control (1) (normal open / open pulse contact)				KRP413A1S
Centralised control board	up to 5 rooms (2)			KRC72
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

INDOOR UNITS			FTXG25CVMBW/S	FTXG35CVMBW/S
Air purification filter with deodorising function (with frame)				KAF952A41
Air purification filter with deodorising function (without frame)				KAF952A42
Anti-theft protection for remote control				KKF917A4

Accessories

OUTDOOR UNITS			RXG25CVMB	RXG35CVMB
Air direction adjustment grille				KPW937A4

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.



In all of us,
a green heart.



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.



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.

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