



FTXG-C / RXG-C

Wall mounted unit

FTXG25,35CVMBW

FTXG25,35CVMB5



FEATURES

1. STYLISH AND COMPACT DESIGN

For the first time in history, Daikin succeeded in creating an indoor unit with such a sleek profile, that you won't believe it is an air conditioning unit.

In standby mode, the discharge opening is closed, resulting in a compact depth of only 15cm.

When starting the unit up, the entire front panel slides smoothly open.

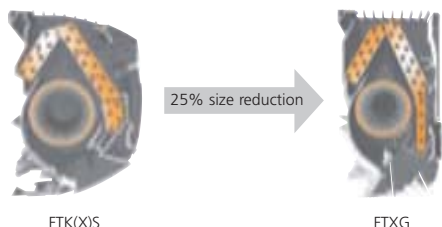


For this model, Daikin even received the "Good Design Award 2003" in Japan.



This new stylish wall mounted model is available in 2 colour variations.

2. SENSATIONAL THINNING TECHNOLOGY



High efficiency slit fin heat exchanger:



Narrower gaps between the fins increase the available heat transfer surface area by 10%. The slit fin heat exchanger reduces air flow resistance to maintain top performance. The use of a single/dual row combined heat exchanger, makes an even thinner design possible.

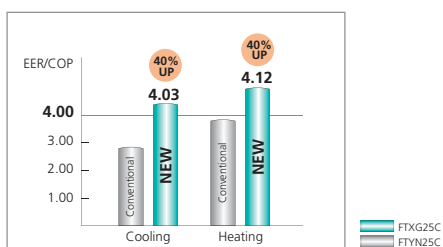
Miniature cross flow fan

The blade configuration has been optimized to achieve quiet operation and powerful air flow, while reducing the fan's diameter by 20% compared to conventional models.



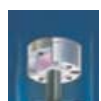
3. SUPERB ENERGY EFFICIENCY

Daikin has further improved the energy efficiency. At the same time it realized substantial energy savings compared to conventional models by achieving an industrial top class EER of 4.03 and COP of 4.12.



These top of the class values are achieved by the following 3 technologies:

- PAM Inverter control**
 Pulse Amplitude Modulation control reduces energy loss by controlling how often the inverter switches on and off.
- Reluctance DC motor + DC Fan motor**
 Realizes high efficiency by applying reluctance torque to a DC motor for outdoor units. The DC fan motor and its fine rotation control greatly improves energy consumption.



Swing compressor

Energy efficiency is increased by reducing operational friction and refrigerant gas leakage while minimizing the noise levels.



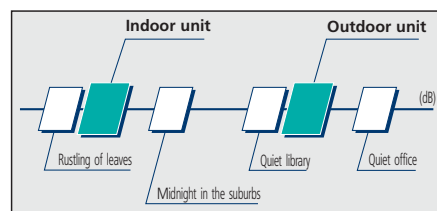
4. CLEAN AND COMFORTABLE AIR FLOW

For the first time in history, a titanium apatite photocatalytic air purification filter is integrated in an air conditioning unit. This to increase the active surface area for effective purification and deodorisation, even when a high volume of air is required.



Super quiet:

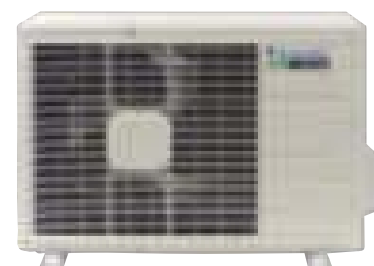
The indoor/outdoor unit silent operation function brings us comfort by offering an industry top-level quiet operation of 22dB(A) for the indoor unit and 43dB(A) for the outdoor unit.





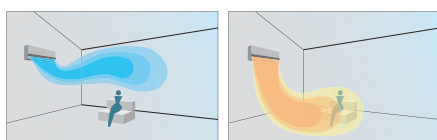
FTXG-C / RXG-C

RXG25,35C



Comfort mode:

The new wide-angle distribution flap reassures draught free operation. During cooling operation the flap angle turns horizontally to prevent cold air blowing directly on the body, while during heating operation it turns downward vertically to send the warm air directly to the feet.



Cooling mode

Heating mode

3-D Air flow:

This function combines Vertical and Horizontal auto-swing to circulate a stream of cool/warm air right to the corners of even large spaces.



HEAT PUMP

INVERTER

INDOOR UNIT (air cooled)				FTXG25CVMBW/S	FTXG35CVMBW/S
Cooling capacity	min ~ nom ~ max	kW		13 ~ 25 ~ 3.0	14 ~ 35 ~ 3.8
Heating capacity	min ~ nom ~ max	kW		13 ~ 3.4 ~ 4.5	14 ~ 4.2 ~ 5.0
Nominal input	cooling	min ~ nom ~ max	kW	0.30 ~ 0.62 ~ 0.95	0.30 ~ 1.06 ~ 1.29
	heating	min ~ nom ~ max	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		kWh		310	530
Dimensions	HxWxD	mm		275x840x150	
Weight		kg		9.0	
Air flow rate	cooling	H/L/SL	m ³ /min	74/44/3.7	79/47/41
	heating	H/L/SL	m ³ /min	77/6.0/5.0	79/6.0/51
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	39/26/23
	heating	H/L/SL	dB(A)	38/28/25	39/29/26
Sound power level	cooling	H	dB(A)	56	57
Refrigerant type				R-410A	
Power supply		VM		1 ~, 220-230/220-240V, 50/60Hz	
Infrared remote control				ARC433A41	

- Notes:
- 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 full load (= nominal capacity).

OUTDOOR UNIT				RXG25CVMB	RXG35CVMB
Dimensions	HxWxD	mm		550x765x285	
Weight		kg		32	
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
Operation range	cooling	from ~ to	°CDB	+10 ~ 46	
	heating	from ~ to	°CWB	-15 ~ 20	
Refrigerant type				R-410A	
Power supply		VM		1 ~, 220-240/220-230V, 50/60Hz	