




THE ULTIMATE FORM OF
CLIMATE CONTROL
FOR YOUR HOME





THE COMFORT OF AIR CONDITIONING WITHIN EVERYONE'S REACH

BESIDES A BALANCED DIET AND REGULAR PHYSICAL EXERCISE, SETTING UP A HEALTHY LIVING ENVIRONMENT IS BECOMING INCREASINGLY IMPORTANT. THIS IS WHY MANY PEOPLE TODAY ARE OPTING VERY CONSCIOUSLY FOR THE COMFORT OF AIR CONDITIONING IN THEIR HOME. BALANCED AIR CONDITIONING IN YOUR HOME IS UNMISTAKABLY REFLECTED IN THE PERFORMANCE OF BOTH YOUR BODY AND MIND.

In an indoor climate with a pleasant temperature and air humidity level, you will feel fit and active during the day and at night you can enjoy a comfortable rest. On top of this, it quickly becomes snugly warm in spring and autumn because daikin heat pump air conditioners – which both heat and cool – start producing heat from the moment they are switched on. This means that your central heating system can stay off and that you benefit from lower fuel costs.

This daikin wall mounted unit combines sleek design with superb energy efficiency as it has never been seen before. This is compact technology complete with a user-friendly remote control. In short, stylish design with innovative technology which fits your lifestyle.

THIS DAIKIN WALL MOUNTED UNIT HAS BEEN DESIGNED FOR PEOPLE WHO VALUE STYLISH DESIGN AS WELL AS QUALITY.



DESIGN WALL MOUNTED UNIT FTXG/CTXG

Daikin wall mounted units have a space-saving, modern profile and have been designed to be mounted high up on walls. This makes for optimum air distribution throughout the room and whisper-quiet operation. The FTXG/CTXG design wall mounted unit is sleek, compact (only 15 cm deep) and very stylish in material, shape and colour. The front panel is made of transparent synthetic material with a matt crystal white or matt crystal silver surface. It is no accident that the FTXG/CTXG was awarded the 'Good Design Award 2004', a prestigious distinction in Japan in the industrial design field.

ULTRA-THIN SENSATION: ONLY 15 CM DEEP

- › **Front panel slides open**
In standby mode, the discharge opening is closed, with the result that the unit is then barely 15cm deep. When the unit is started up, the entire front panel slides open along with the flap, thereby making the air discharge clearly visible.
- › **Efficient slit fin heat exchanger**
The finer slits between the fins cause the heat-transporting surface to increase by 10%. The slit-fin heat exchanger limits air resistance, thereby resulting in top performance.
- › **Smaller cross flow fan**
The blade configuration has been optimised to guarantee whisper-quiet operation and powerful air flow. This is done with a fan diameter which is 20% smaller than conventional models.



STATE-OF-THE-ART TECHNOLOGY, EASY CONTROL AND DURABILITY IN ONE COMPACT UNIT

› **Dry programme**

With the unique dry programme, the humidity level in the room is reduced without temperature fluctuations.

› **Powerful operation**

The powerful operation activates the maximum air volume for 20 minutes, for example when you come home on a hot day and want to cool down the room quickly. After this, the air conditioner automatically returns to its original setting.

› **Night set mode**

If the timer is switched on, the air conditioner will automatically set the temperature – an increase of 0.5°C when cooling and a decrease of 2°C when heating – to prevent the room from rapidly cooling or heating so that you sleep more comfortably.

› **Movement sensor**

The movement sensor detects a person's presence in an area. If the room is unoccupied for 20 minutes, the air conditioner will switch to the energy-saving setting. As soon as a person enters the room, the air conditioner will start up again.

› **One room or multiple rooms**

The indoor unit can be used for a one room application – one indoor unit connected to one outdoor unit – or a multiple room application – a maximum of nine indoor units in different rooms connected to one outdoor unit.



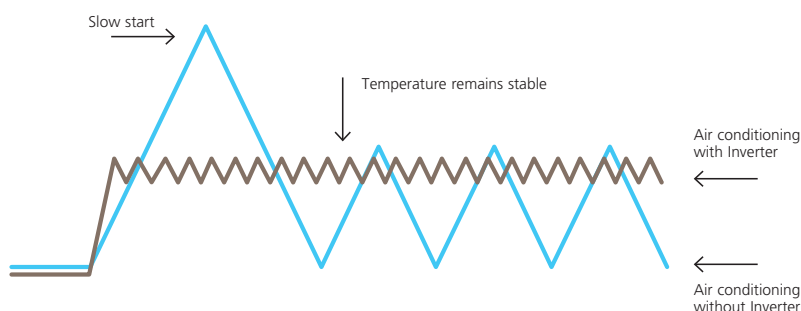


INCREASED COMFORT, STRONGLY REDUCED CONSUMPTION COSTS

By applying inverter technology in combination with DC-reluctance compressor motors, outputs increase even further. With a cooling efficiency of 4.03 and a performance coefficient of 4.15 the wall mounted unit achieves considerable energy savings when compared to conventional models.

› Inverter control

Daikin's inverter technology is one of the most recent innovations in climate control. The inverter system derives its name from the inverter compressor which can supply any cooling or heating capacity between 0% and 100% smoothly and very quickly. The cooling or heating capacity to be supplied is constantly geared to the desired and measured indoor and outdoor temperatures. Thanks to this inverter technique, energy costs are reduced by up to 30% per year.



› Unique energy saving technology

The unrivalled energy efficiency is made possible by the application of three innovative energy-saving techniques: the PAM regulation, the DC-reluctance motor and DC fan motor, and the swing compressor.

› PAM inverter technology

The use of PAM (Pulse Amplitude Modulation) inverter technology results in higher cooling and heating capacity coupled with lower energy consumption. With minimum additional capacity, you achieve maximum comfort.

› DC-reluctance motor and DC-fan motor

Output is greatly increased by applying reluctance torque to a DC motor for outdoor units. With its precise rotation control, the DC fan motor yields considerable energy savings.

› Swing compressor

Friction and refrigerant leakage are prevented while the noise level is also minimized. This results in even greater energy efficiency.

ENERGY EFFICIENT

- › **A** **Energy label:** up to class A

By applying special techniques, Daikin wall mounted units achieve an energy performance coefficient of around 4.0 In practice, this means that the system supplies as much as 4 kilowatts of cooling or heating capacity for every 1 kilowatt of electricity. All units in the range have an A label according to the European energy classification.

FLEXIBLE INSTALLATION, EASY CONTROL

- › The outdoor unit can be installed on the roof, terrace or against an outside wall. Thanks to a special anti-corrosion treatment of the fan and heat exchanger, the outdoor unit is resistant to acid rain and salt corrosion. A sheet of stainless steel underneath the unit provides additional protection.
- › The indoor unit is easy to control with the infrared remote control, which is delivered as standard. Should there be a malfunction in the air conditioner, you can read the error code on the screen of the remote control and easily find the appropriate solution.

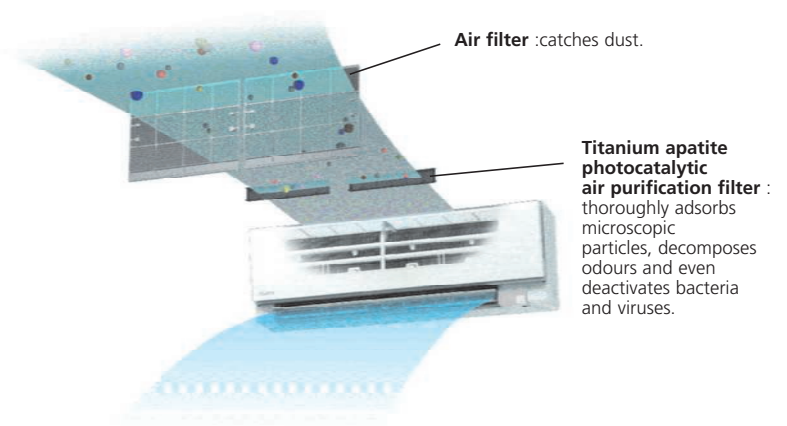


One touch for
'Comfort Mode'





A BREATH OF FRESH AIR



› **Titanium apatite photocatalytic air purification filter**

This filter traps microscopic dust particles in the air, absorbs organic contaminants such as bacteria and viruses and even breaks down odours..

› **Whisper quiet operation**

The indoor unit distributes air almost inaudibly: the sound produced amounts from barely 22dB(A).

› **Comfort mode**

The comfort mode guarantees you draught-free operation. When it cools, the flap is positioned horizontally to prevent cold air flow from being blown directly onto the body. When it heats, the flap turns vertically downwards to take the warm air to the bottom of the room.

› **Auto swing and 3D air distribution**

The vertical auto swing system automatically makes the outflow louvers move up and down, thereby ensuring the even distribution of air and a homogeneous temperature in the room. The horizontal auto swing moves the outflow louvers from left to right to circulate cool or warm air throughout the whole room. The 3D distribution function combines the vertical and horizontal auto swing so that the air flow is distributed even into the furthest corners of large rooms.

› **Fan speeds**

You can choose from 5 fan speeds: from high to the lowest speed.

DID YOU KNOW *that* ...

The ambient sound in a quiet room amounts to 40dB(A) on average? By way of comparison, with minimal sound emissions of 22dB(A), Daikin wall mounted units are hardly audible.

CAPACITY AND POWER INPUT

HEAT PUMP - INVERTER CONTROLLED (air cooled)			FTXG25E-W/S	FTXG35E-W/S	CTXG50E-W/S
			RXG25E	RXG35E	2,3,4,5MXS-E/RMXS-E
Cooling capacity (min~nom~max)	cooling	kW	1.30~2.50~3.00	1.40~3.50~3.80	For more detailed information about capacities, power input, EER/COP, Energy label and Annual energy consumption, please refer to our Multi Model catalogue/ combination tables/ Super Multi Plus catalogue or check with your local dealer.
	heating	kW	1.30~3.40~4.50	1.40~4.20~5.00	
Power input (min~nom~max)	cooling	kW	0.30~0.62~0.95	0.30~1.06~1.29	
	heating	kW	0.29~0.82~1.42	0.31~1.13~1.56	
EER			4.03	3.30	
COP			4.15	3.72	
Energy label	cooling		A	A	
	heating		A	A	
Annual energy consumption	cooling	kWh	310	530	

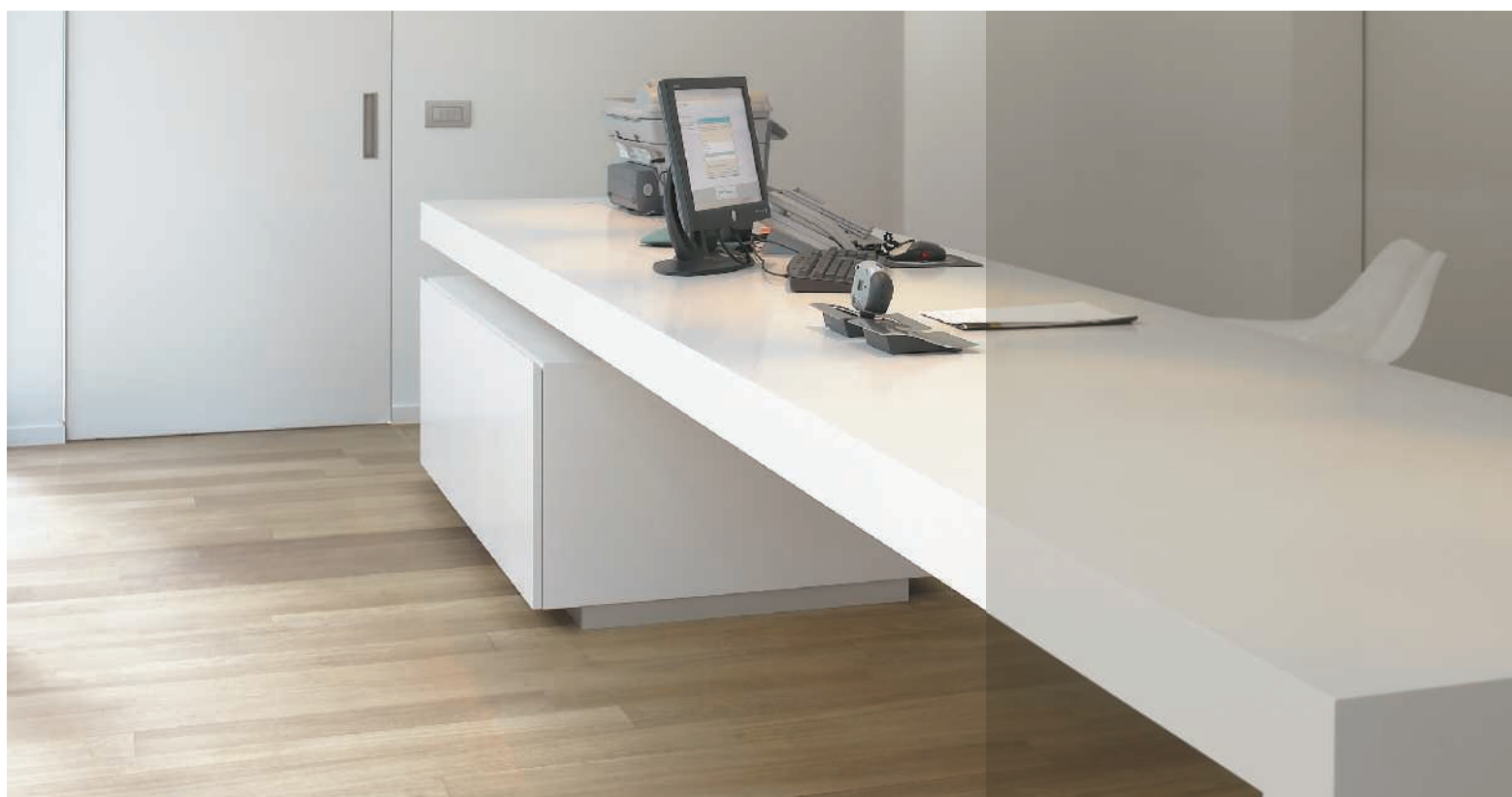
Notes:

- 1) Energy label: scale from A (most efficient) to G (less efficient)
- 2) Annual energy consumption: based on average use of 500 running hours per year at full load (=nominal conditions)

POSSIBLE COMBINATIONS		2MXS40G* (1)	2MXS50G* (2)	3MXS52E* (3)	3MXS68G* (2)	4MXS68F* (4)	4MXS80E* (5)	5MXS90E* (5)	RMXS112EV*	RMXS140EV*	RMXS160EV*
Max. n° of indoor units		2	2	3	3	4	4	5	6	8	9
Heat pump	FTXG25E-W	•	•	•	•	•	•	•	•	•	•
	FTXG25E-S	•	•	•	•	•	•	•	•	•	•
	FTXG35E-W	•	•	•	•	•	•	•	•	•	•
	FTXG-35E-S	•	•	•	•	•	•	•	•	•	•
	CTXG50E-W		•	•	•	•	•	•	•	•	•
	CTXG50E-S		•	•	•	•	•	•	•	•	•
Max. cooling capacity	kW	4.50	5.40	7.30	8.42	8.73	9.60	10.50	11.2	14.0	15.5
Max. heating capacity	kW	4.70	6.30	8.30	10.63	10.68	11.00	11.50	12.5	16.0	17.5
Max. Pl cooling	kW	1.35	1.73	2.25	3.33	2.95	3.56	4.01	3.50	5.09	5.40
Max. Pl heating	kW	1.18	1.68	2.51	3.30	2.58	3.11	3.46	3.93	5.21	5.43

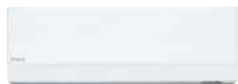
Notes:

- 1 For more detailed information, please consult our multi model/combination tables catalogue or your local dealer
- 2 (1) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted D,E (20,25,35 class) series
- (2) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted G (20,25,35,42,50 class) / F (60 class) series
- (3) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted D (20,25,35 class) / E (50 class) series
- (4) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted D (20,25,35,50 class) / F (60,71 class) series
- (5) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted D (20,25,35,50 class) / E (60,71 class) series
- 3 N/A means not applicable since this unit is a cooling only unit
- 4 * At least two indoor units should be connected to these multi outdoor units



SPECIFICATIONS INDOOR UNITS

Height	275 mm
Width	840 mm
Depth	150 mm



INDOOR UNIT				FTXG25E-W/S	FTXG35E-W/S	CTXG50E-W/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	m³/min	7.7/4.7/3.8	8.1/4.9/4.1	11.3/7.1/6.7
	heating	H/L/SL	m³/min	9.0/6.7/5.4	9.6/6.7/5.9	12.6/8.7/7.7
Fan speed			steps	5 steps, silent and auto		
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	39/26/23	47/35/32
	heating	H/L/SL	dB(A)	38/28/25	39/29/26	47/35/32
Sound power level	cooling	H	dB(A)	56	57	64

SPECIFICATIONS OUTDOOR UNITS

OUTDOOR UNIT				RXG25E	RXG35E
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	
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	

CONTROL SYSTEMS & ACCESSORIES

INDOOR UNIT		FTXG25E-W/S	FTXG35E-W/S	CTXG50E-W/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		
Titanium apatite photocatalytic air purification filter (with frame)		KAF952B41		
Titanium apatite photocatalytic air purification filter (without frame)		KAF952B42		
Anti-theft protection for remote control		KKF917AA4		

ACCESSORIES

OUTDOOR UNIT	RXG25E	RXG35E
Air direction adjustment grille	KPW937A4	

OTHER FEATURES



Auto cooling/heating changeover
Automatically selects cooling or heating mode to achieve the set temperature.



Centralised control (optional)
Centralised control to start, stop and regulate several air conditioners from one central point.



Auto-restart
The unit restarts automatically at the original settings after power failure.



Auto fan speed
Automatically selects the necessary fan speed to reach or maintain the set temperature.



Fan speed steps
Allows to select up to the given number of fan speed steps.



24 Hour timer
Timer can be set to start cooling/heating anytime during a 24-hours period.



Self-diagnosis
Simplifies maintenance by indicating system faults or operating anomalies.



Outdoor unit silent operation
Lowers the operation sound of the outdoor unit by 3dB(A) to ensure a quiet environment for the neighbourhood.



Indoor unit silent operation
Lowers the operation sound of the indoor unit by 3dB(A). This function is useful when studying or sleeping.



R-410A,
THE REFRIGERANT
WITH A HIGH OUTPUT

A refrigerant is used to transport heat from the inside to the outside and visa-versa. With the R-410A refrigerant, you can now have higher output and lower energy consumption thanks to a higher energetic content. By using R-410A, the dimensions of both the indoor and outdoor units can be reduced to the greatest extent possible.



QUALITY DESIGN AND TECHNOLOGY

The FTXG/CTXG was awarded the 'Good Design Award 2004', the only judgement criterion for industrial design in Japan.



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 products that have limited impact on the environment.

This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a 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.

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Daikin units comply with the European regulations that guarantee the safety of the product.



Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FC); the certified data of certified models are listed in the Eurovent Directory. Multi units are Eurovent certified for combinations up to 2 indoor units.

DAIKIN EUROPE N.V.

Naamloze Vennoetschap
Zandvoordestraat 300
B-8400 Oostende, Belgium
www.daikin.eu
BTW: BE 0412 120 336
RPR Oostende



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