



AIR CONDITIONERS

for your home

WALL MOUNTED UNIT

R-410A



www.daikin.eu

FTK/FTX-GV



DESIGN AND TECHNOLOGY: DAIKIN'S UNMISTAKABLE SIGNATURE

WHATEVER THE SEASON, BEING ABLE TO DETERMINE AIR QUALITY AND TEMPERATURE IN YOUR LIVING ENVIRONMENT: NOW THAT REALLY IS ENJOYING LIFE! 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.

COMPACT BUT SOLID

› **Vertical auto swing**

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.

› **Fan speeds**

You can choose from 5 fan speeds: from high to the lowest speed, in five steps.

› **Dry programme**

With the unique dry programme, you can reduce the humidity level in a room 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.

› **Energy saving during operation standby**

Energy consumption in standby operation is automatically reduced by about 80%.

› **Comfort mode**

With the comfort mode, cold or warm air is prevented from being blown directly onto the body.

› **Night set mode**

When you press the timer button 'OFF', 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.

› **Silent function and night quiet mode**

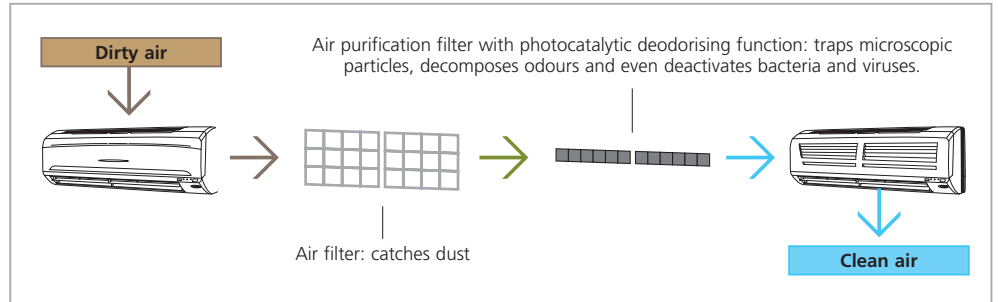
With a sound level ranging from 22 dB(A), the indoor unit is exceptionally quiet. The outdoor unit's silent function allows you to reduce sound emissions by 3 dB(A). In night quiet mode, the sound level of the multi-split outdoor unit is automatically reduced by 3 dB(A).





A SOURCE OF PURE AIR

- › The wall mounted units guarantee air flow which is not only comfortable, but also pure. For example, the indoor unit is equipped with a **titanium apatite photo-catalytic air purification filter**. The filter traps microscopic dust particles in the air while the titanium apatite absorbs organic contaminants such as bacteria and viruses. What's more, the titanium oxide is activated by natural light, causing it to break down and eliminate unpleasant odours.



FLEXIBLE INSTALLATION AND 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 operate with the **infrared remote control**, which is supplied as standard and is provided with a specially developed holder. Should there be a malfunction in the air conditioner, you can read the code on the remote control and find the appropriate solution.



MINIMUM CONSUMPTION, MAXIMUM COMFORT

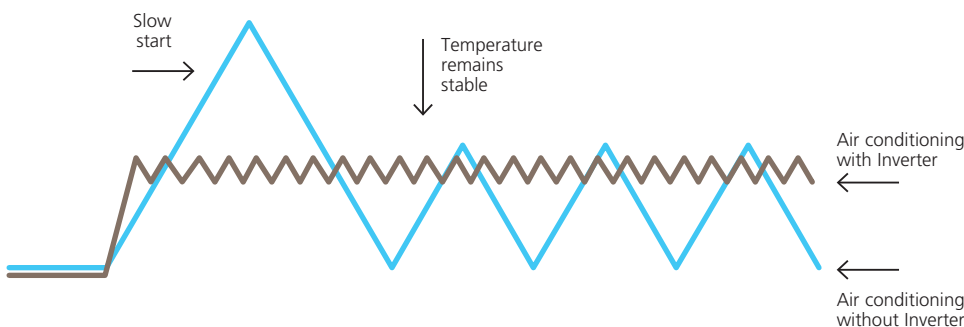
- › **A** **Energy label:** class A
By applying special techniques, Daikin wall mounted units achieve an energy performance coefficient of 3.0 to 5.0. In practice, this means that the system supplies as much as 3 to 5 kilowatts of cooling or heating capacity for every 1 kilowatt of electricity. All units in the range have an A label according to the European energy classification.
- › **Econo mode**
The Econo energy saving setting reduces power consumption and prevents overloading when other household appliances are in use.
- › The **inverter technology**, developed by Daikin is a true innovation in the area of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement. No more, no less. This technology provides you with two concrete benefits:

1. Comfort

The inverter repays its investment many times over by improving comfort. An air conditioning system with an inverter continuously adjusts its cooling and heating output to suit the temperature in the room. The inverter shortens system start-up time enabling the required room temperature to be reached more quickly. As soon as that temperature is reached, the inverter ensures that it is constantly maintained.

2. Energy efficient

Because an inverter monitors and adjusts ambient temperature whenever needed, energy consumption drops by 30% compared to a traditional on/off system!



APPLICATION OPTIONS

- › **One room or multiple rooms**
Depending on the type of climate you want, you can choose between two models: **both cooling and heating (heat pump) or cooling only**. The indoor unit can be used for a pair application - one indoor unit connected to one outdoor unit - or a multi application - a maximum of nine indoor units in different rooms connected to one outdoor unit.



DID YOU KNOW
that ...

energy savings are increased significantly when you choose an air conditioner that can heat as well as cool?

Indeed, with a heat pump, warmth from outdoors is transported indoors for free, even with negative outside temperatures.



DID YOU KNOW *that ...*

properly insulating your home also has a negative side? The air in a room is refreshed less often, which is why it is important to have a regular intake of fresh air. An air conditioner cools, dehumidifies, circulates, ventilates and filters dust, and you can therefore clearly see an improvement in air quality. After all, everyone immediately feels much more comfortable when the indoor temperature is personally adjusted.

CAPACITY AND POWER INPUT

COOLING ONLY - INVERTER CONTROLLED (air cooled)				FTK20GV		FTK25GV		FTK35GV	
				RK20GV		RK25GV		RK35GV	
Cooling capacity	min~nom~max	kW	1.3~2.0~2.6		1.3~2.5~3.0		1.3~3.2~3.8		
Nominal input	min~nom~max	kW	0.31~0.55~0.72		0.31~0.74~1.05		0.29~0.95~1.30		
EER			3.62		3.38		3.37		
Energy label			A		A		A		
Annual energy consumption	cooling	kWh	275		370		475		
HEAT PUMP - INVERTER CONTROLLED (air cooled)				FTX20GV		FTX25GV		FTX35GV	
				RX20GV		RX25GV		RX35GV	
Cooling capacity	min~nom~max	kW	1.3~2.0~2.6		1.3~2.5~3.0		1.3~3.2~3.8		
Heating capacity	min~nom~max	kW	1.3~2.5~3.5		1.3~2.8~4.0		1.3~3.4~4.8		
Nominal input	cooling	min~nom~max	0.31~0.55~0.72		0.31~0.74~1.05		0.29~0.95~1.30		
	heating	min~nom~max	0.25~0.64~0.95		0.25~0.76~1.11		0.29~0.91~1.29		
EER			3.62		3.38		3.37		
COP			3.90		3.68		3.74		
Energy label	cooling		A		A		A		
	heating		A		A		A		
Annual energy consumption	cooling	kWh	275		370		475		

Note:

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)

R-410A, THE REFRIGERANT WITH A HIGH OUTPUT

A refrigerant is used to transport heat from the inside to the outside and vice-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.

SPECIFICATIONS INDOOR UNITS

Height	283 mm
Width	770 mm
Depth	198 mm



COOLING ONLY				FTK20GV	FTK25GV	FTK35GV
Dimensions	HxWxD	mm		283x770x198		
Weight		kg		7		
Colour				White		
Air flow rate	H/L	dB(A)		9.1/5.9	9.2/6.0	9.3/6.1
Fan speed				5 Steps, quiet, auto		
Sound pressure level	H/M/L/SL	dB(A)		39/33/25/22	40/33/26/22	41/34/27/23
Sound power level	H	dB(A)		55	56	57
Piping connections	liquid	mm		ø6.4		
	gas	mm		ø9.5		
Heat insulation				Both liquid and gas pipes		
HEAT PUMP				FTX20GV	FTX25GV	FTX35GV
Dimensions	HxWxD	mm		283x770x198		
Weight		kg		7		
Colour				White		
Air flow rate	cooling		dB(A)	9.1/5.9	9.2/6.0	9.3/6.1
	heating	H / L		9.4/6.3	9.7/6.3	10.1/6.7
Fan speed				5 Steps, quiet, auto		
Sound pressure level	cooling		dB(A)	39/33/25/22	40/33/26/22	41/34/27/23
	heating	H / L		39/34/28/25	40/34/28/25	41/35/29/26
Sound power level	cooling	H	dB(A)	55	56	57
Piping connections	liquid	mm		ø6.4		
	gas	mm		ø9.5		
Heat insulation				Both liquid and gas pipes		

SPECIFICATIONS OUTDOOR UNITS

Height	550 mm
Width	658 mm
Depth	275 mm



COOLING ONLY				RK20GV	RK25GV	RK35GV
Dimensions	HxWxD	mm		550x658x275		
Weight		kg		28	28	31
Casing colour				Ivory white		
Sound pressure level	H/L	dB(A)		48/*	46/*	46/*
Sound power level	H	dB(A)		61	61	62
Compressor		type		Hermetically sealed swing		
Refrigerant type				R410A		
Additional refrigerant charge		kg/m		Chargeless		
Maximum piping length		m		15		
Maximum height difference		m		12		
Operation range	from ~ to	°CDB		10~46		
HEAT PUMP				RX20GV	RX25GV	RX35GV
Dimensions	HxWxD	mm		550x658x275		
Weight		kg		28	28	31
Casing colour				Ivory white		
Sound pressure level	cooling	H/L	dB(A)	46/*	46/*	48/*
	heating	H/L	dB(A)	47/*	47/*	48/*
Sound power level	cooling	H	dB(A)	60	60	62
	heating	H	dB(A)	61	61	62
Compressor		type		Hermetically sealed swing		
Refrigerant type				R410A		
Additional refrigerant charge		kg/m		Chargeless		
Maximum piping length		m		15		
Maximum height difference		m		12		
Operation range	cooling	from ~ to	°CDB	10~46		
	heating	from ~ to	°CWB	-15~20		

* Information was not available at time of publication

DID YOU KNOW *that*...

the ambient sound in a quiet room amounts to 40 dB(A) on average? By way of comparison, with sound emissions of 22 dB(A), Daikin wall mounted units are the quietest systems on the market.



ACCESSORIES: INDOOR UNITS

INDOOR UNITS	FTK/X20GV	FTK/X25GV	FTK/X35GV
Titanium apatite photocatalytic air purification filter		KAF971A42	
Anti-theft protection for remote control		KKF917A4	

ACCESSORIES: CONTROL SYSTEMS

INDOOR UNITS	FTK/X20GV	FTK/X25GV	FTK/X35GV
Wired remote control (1)		BRC944A2B	
Interface adapter (2)		KRP980A1	

(1) only for EU

(2) For DIII-NET adapter

ACCESSORIES: OUTDOOR UNITS

OUTDOOR UNITS	RK/X20GV	RK/X25GV	RK/X35GV
Air direction adjustment grille		KPW937B4	
Drain plug *		KKP937A4	

* standard accessory (only for heat pump models)



WHICHEVER DAIKIN SYSTEM YOU
CHOOSE, EACH AND EVERY ONE
IS IN THE TOP TIER FOR ENERGY
EFFICIENCY IN ITS CLASS.

**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 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.



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.

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DAIKIN EUROPE N.V.

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



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