



Air conditioners

# Heating & Cooling

Wall mounted unit

- » **Heat pump system**
- » **Inverter technology**
- » **As silent as rustling leaves**
- » **Energy saving ECONO mode**
- » **A source of pure air**



[www.daikin.eu](http://www.daikin.eu)



FTXN-K



## For every home, for every room

Daikin's wall mounted units are an ideal solution when refurbishing your room. They have a modern design and look and are extremely quiet in operation. They are energy efficient and create a very comfortable living room, kitchen or bedroom climate, day or night - the whole year round.

These wall mounted heat pumps are all-in-one heating and cooling solutions, meaning comfortably warm in winter and cool in summer.

The indoor unit can be used in pair application, with one indoor unit connected to one outdoor unit.

## Combining highest efficiency and year-round comfort with a heat pump system



### Did you know that ...

Air conditioners, also known as heat pumps, obtain 75% of their output renewable sources: the ambient air, which is both renewable and inexhaustible\*. Of course, heat pumps also require electricity to run the system, but increasingly this electricity can also be generated from renewable energy sources (solar energy, wind energy, hydropower, biomass). A heat pump's efficiency is measured in COP (Coefficient Of Performance) for heating and EER (Energy Efficiency Ratio) for cooling.

\* EU objective COM (2008)/30

## Inverter technology

Daikin's inverter technology is a true innovation in the field 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:

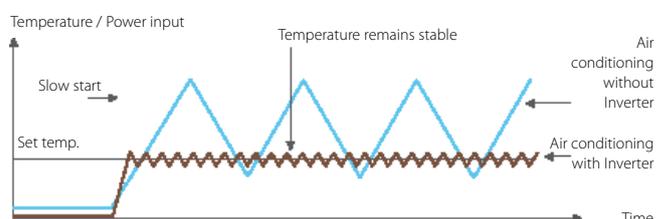
### ► Comfort

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 thus improving comfort levels. The inverter reduces system start-up time enabling the required room temperature to be reached more quickly. As soon as the correct temperature is reached, the inverter ensures that it is constantly maintained.

### ► Energy efficient

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

### Heating operation:



## ► A comfortable feeling for every home and every room



When selecting the energy saving function **ECONO mode** the power consumption decreases so that other appliances that need large power consumption can be used (FTXN25,35K).



**Energy saving during operation standby:** current consumption is reduced by about 80% when operating on standby (FTXN25,35K).



**Saving energy** by preventing overheating and overcooling during night time by using the night set mode.



The **comfort mode** guarantees draught-free operation in heating mode, the warm air is directed at the floor. In cooling mode, the cold air is directed to the ceiling (FTXN25,35K).



**Vertical auto swing:** this unit supports the selection of vertical auto swing, which ensures the even distribution of air and a homogeneous room temperature.

## ► Built-in intelligence

The infrared remote control is user-friendly and equipped with an on/off timer.



Rapidly heat up or cool down the room in 20 minutes with **powerful operation**. After this period, the unit returns to its original setting.



**Whisper quiet operation:** the sound of the indoor units is so low it can be compared to rustling leaves (down to 22dBA for FTXN25K).

## ► A source of pure air

Dust and odours are trapped by the **titanium apatite photocatalytic air purification filter** but also bacteria and viruses are decomposed in order to provide you cleaner air.

Dirty air



Air filter:  
Catches dust



Titanium apatite photocatalytic air purification filter: traps microscopic particles, decomposes odours and even deactivates bacteria and viruses.



Clean air



Infrared remote control (Standard)  
ARC433A8



# Heating & Cooling

Indoor unit				FTXN25K	FTXN35K	FTXN50K	FTXN60K
Cooling capacity	Min./Nom./Max.		kW	1.3/2.5 (3)/2.8	1.3/3.20 (3)/3.5	1.7/5.0 (3)/5.7	1.7/6.0 (3)/6.5
Heating capacity	Min./Nom./Max.		kW	1.3/2.8 (4)/3.5	1.3/3.5 (4)/3.7	1.7/5.5 (4)/6.8	1.7/6.3 (4)/7.6
Power input	Cooling	Min./Nom./Max.		kW	0.310/0.795/1.040	0.310/1.060/1.480	0.322/1.560/2.005
	Heating	Min./Nom./Max.		kW	0.260/0.82/1.030	0.260/1.020/1.200	0.319/1.570/2.285
EER				3.13	3.02	3.21	3.02
COP				3.41	3.43	3.50	3.41
Annual energy consumption				398	530	780	995
Energy label	Cooling/Heating			B/B		A/B	B/B
Casing	Colour			White			
Dimensions	Unit	HeightxWidthxDepth	mm	283x770x198		290x1,050x238	
Weight	Unit			8		12	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m <sup>3</sup> /min	9.2/6.9/4.6/3.9	9.6/7.5/5.6/4.5	14.7/12.4/10.3/9.5	16.2/13.6/11.4/10.2
	Heating	High/Nom./Low/Silent operation	m <sup>3</sup> /min	9.8/7.9/6.0/5.3	10.1/8.3/6.4/5.7	16.1/13.9/11.5/10.2	17.4/15.1/12.7/11.4
Sound power level	Cooling	Nom.	dBA	56	57	59	61
	Heating	Nom.	dBA	56	57	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	40/33/26/22	41/34/27/23	43/39/34/31	45/41/36/33
	Heating	High/Nom./Low/Silent operation	dBA	40/34/28/25	41/35/29/26	42/38/33/30	44/40/35/32
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.5		12.7	
	Drain	OD	mm	16		18.0	
Power supply	Phase / Frequency / Voltage			Hz / V 1~ / 50 / 220-240			

(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) (3) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB, 24°CWB (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB (5) SL: The silent fan level of the air flow rate setting

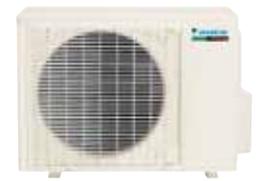
Outdoor unit				RXN25K	RXN35K	RXN50K	RXN60K
Dimensions	Unit	HeightxWidthxDepth	mm	550x658x275		595x795x300	
Weight	Unit			26		28	
Fan	Air flow rate	Cooling	High	m <sup>3</sup> /min	28.8	42.6	48.2
			Super low	m <sup>3</sup> /min	-	37.6	42.6
		Heating	High	m <sup>3</sup> /min	28.8	38.3	43.4
			Super low	m <sup>3</sup> /min	-	33.8	38.3
Sound power level	Cooling	High	dBA	61	63	66	
Sound pressure level	Cooling	High/Silent operation	dBA	47/-	49/-	49/46	
	Heating	High/Silent operation	dBA	48/-	50/-	51/48	
Compressor	Type			Hermetically sealed swing compressor			
Operation range	Cooling	Ambient	Min.~Max.	°CDB 10~46			
		Ambient	Min.~Max.	°CWB -15~18			
Refrigerant	Type			R-410A			
Piping connections	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	U - OU	Max.	12		20	
Power supply	Phase / Frequency / Voltage			Hz / V 1~ / 50 / 220-240			



Indoor unit  
FTXN50,60K



Infrared remote control  
ARC470A1



Outdoor unit  
RXN50,60K



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. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP) and Fan coil units (FCU). Check ongoing validity of certificate online: [www.eurovent-certification.com](http://www.eurovent-certification.com) or using: [www.certiflash.com](http://www.certiflash.com)

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