

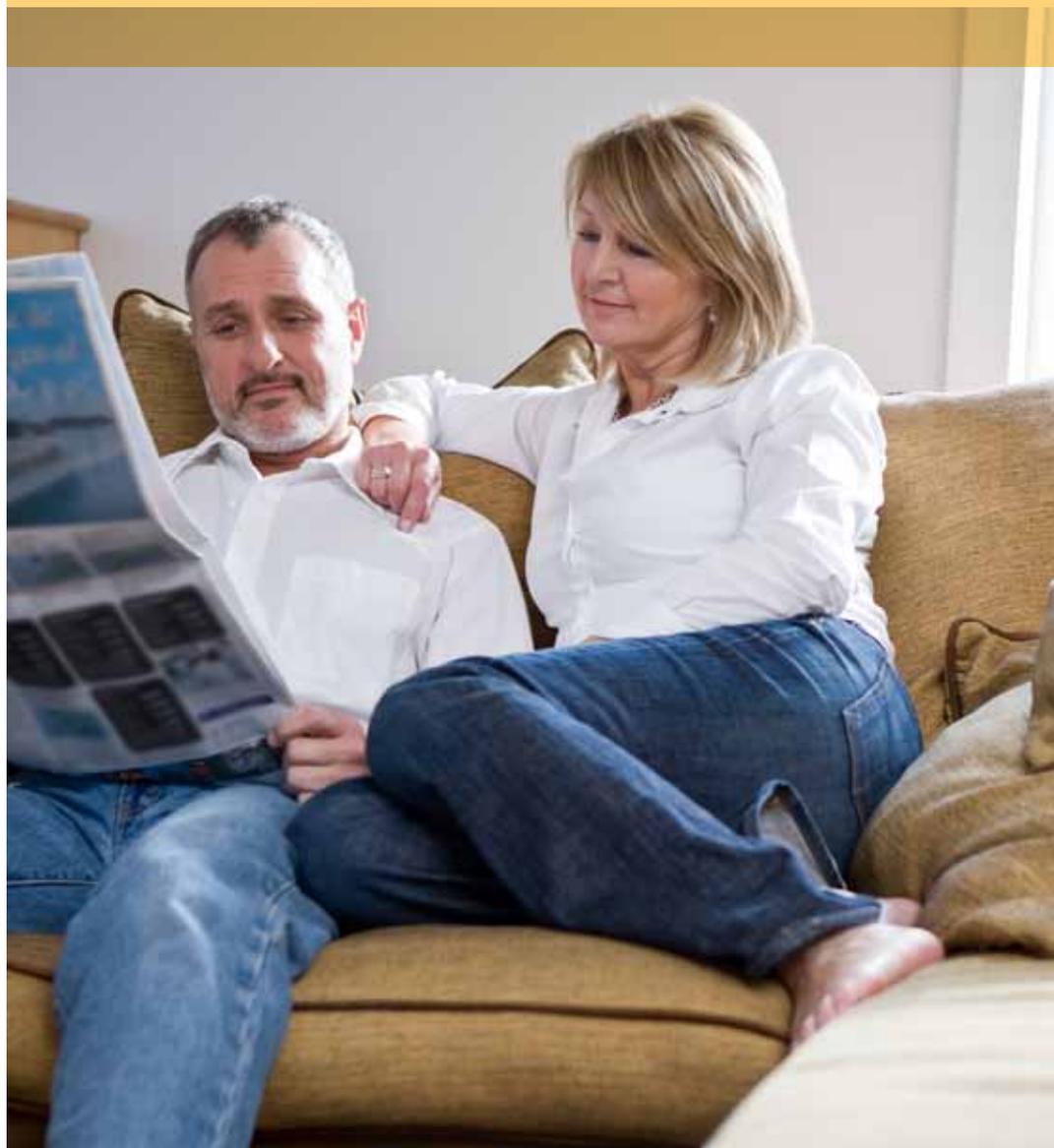


Air Conditioners

Heating & Cooling

Wall Mounted Unit

- » Heat pump system
- » Inverter technology
- » Same comfort feeling throughout the room
- » A source of pure air
- » As silent as rustling leaves



www.daikin.eu



FTXN-J



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, 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 to air heat pumps use 3/4th of energy from renewable sources: the ambient air. This energy source is renewable and inexhaustible*. Of course, heat pumps also use 1/4th of 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

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:

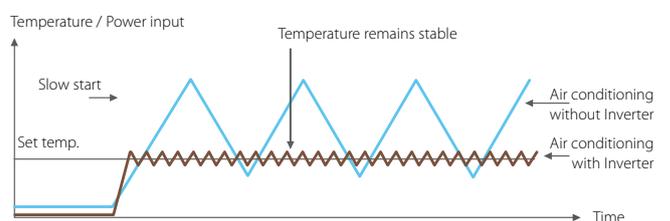
► Comfort

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.

► 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.



Energy saving during operation standby: If **operation standby mode** is activated, the energy consumption will be reduced from 10W to 2W.



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.



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 a 24hr 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.



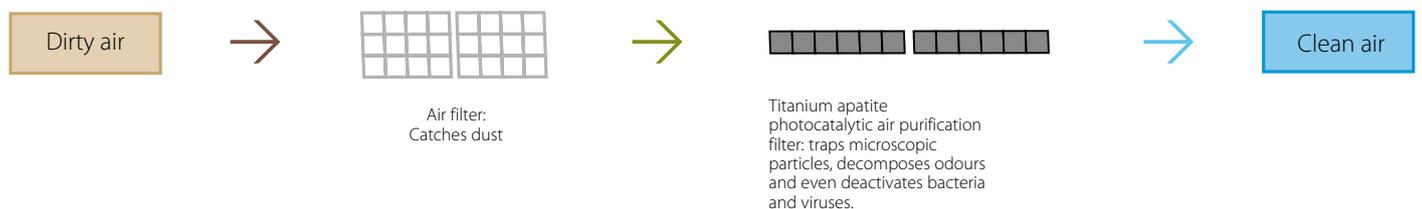
Whisper quiet operation: the sound of the indoor units is so low it can be compared to rustling leaves (down to 22dBA for FTXN25J).



Infrared remote control (Standard)
ARC433A8

► 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.



Heating & Cooling

INDOOR UNITS				FTXN25J	FTXN35J
Cooling capacity	min./nom./max.		kW	1.3/2.5 ³ /2.8	1.3/3.2 ³ /3.5
Heating capacity	min./nom./max.		kW	1.3/2.8 ⁴ /3.5	1.3/3.5 ⁴ /3.7
Power input	cooling	min./nom./max.		0.310/0.970/1.130	0.310/1.390/1.550
	heating	min./nom./max.		0.260/0.840/1.060	0.260/1.160/1.240
EER				2.58	2.30
COP				3.33	3.02
Annual energy consumption				485	695
Energy label	cooling/heating			E/C	F/D
Dimensions	unit	heightxwidthxdepth		283x770x200	
Weight	unit		kg	7	
Casing	colour				
Fan-Air flow rate	cooling	high/nom./low/silent operation	m ³ /min	9.2/7.4/5.3/4.0	9.4/7.6/5.4/4.4
	heating	high/nom./low/silent operation	m ³ /min	9.8/8.0/6.2/5.6	10.1/8.3/6.4/5.9
Sound pressure level	cooling	high/nom./low/silent operation	dBA	40/33/26/22	41/34/27/23
	heating	high/nom./low/silent operation	dBA	40/34/28/25	41/35/29/26
Sound power level	cooling	nom.	dBA	-	55
	heating	nom.	dBA	-	55
Power supply	phase/frequency/voltage		Hz/V	1~/50/220-230-240	
Piping connections	liquid	OD	mm	ø6.35	
	gas	OD	mm	ø9.52	
	drain	OD	mm	ø16	

(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, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m

OUTDOOR UNITS				RXN25J	RXN35J	
Dimensions	unit	heightxwidthxdepth		550x658x275		
Weight	unit		kg	28		
Operation range	cooling	ambient	min.-max.	10~46		
	heating	ambient	min.-max.	-15~20		
Sound pressure level	cooling	nom.	dBA	47	49	
	heating	nom.	dBA	48	50	
Sound power level	cooling	nom.	dBA	-	62	
Compressor	type					
Refrigerant	type					
Power supply	phase/frequency/voltage		Hz/V	1~/50/220-230-240		
Piping connections	piping length	max.	OU - IU	10		
	additional refrigerant charge				0.02 (for piping length exceeding 10m)	
	level difference	IU - OU	max.	12		



Indoor unit
FTXN-J



Infrared remote control
ARC433A87-88



Outdoor unit
RXN-J



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.



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Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FCU); 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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