



AIR CONDITIONERS, HEATING & COOLING

*for your home*

WALL MOUNTED UNIT

air to air heat pumps



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

FTXS-F



## STATE-OF-THE-ART TECHNOLOGY FOR HEALTHY AND CAREFREE LIVING COMFORT

As air conditioning systems have become a standard feature of almost all cars, more and more people are opting for the comfort of air treatment in their homes. A well-balanced air treatment after all has an unmistakably positive effect on our performance and on our feeling of well-being. Too warm, too cold or too humid... we almost immediately feel less well in our skin. Air conditioning creates a pleasant living climate in every room, and it assures an optimal feeling of well-being in your home.

Furthermore, the high-quality air conditioning equipment of Daikin not only offers the possibility of cooling, it can also provide warmth. That way you can adjust the indoor temperature perfectly to your own personal needs, the whole year through.



## UNIQUE FEATURES

- » **Movement sensor**
- » **Home leave operation**
- » **Night set mode**

## UNEQUALED COMFORT FEATURES

### » **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.

### > **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.

### > **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.

### > **Silent operation and night quiet mode**

You can increase your comfort by using the silent operation to lower the noise emissions of the outdoor unit by 3 dB(A). On top of this, the multi-split outdoor unit is also equipped with a night quiet mode.

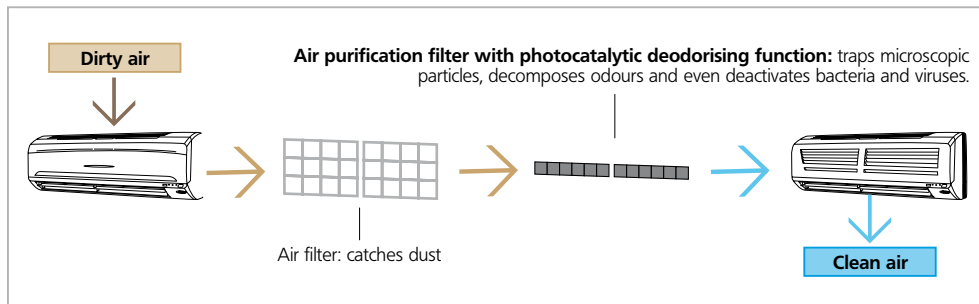
This intelligent control automatically reduces the noise level of the outdoor unit by 3 dB(A).

## 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, EASY CONTROL

- > The outdoor unit is installed on the roof, terrace or against an outside wall.
- > The indoor unit is easy to control with the **infrared remote control**. It is delivered as standard with a specially developed holder. 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 room or multiple rooms**

Depending on the type of climate you want, you can choose between heating and cooling (heat pump).

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.



Infrared remote control (Standard)  
ARC433A70





## ENERGY EFFICIENT THROUGH AND THROUGH

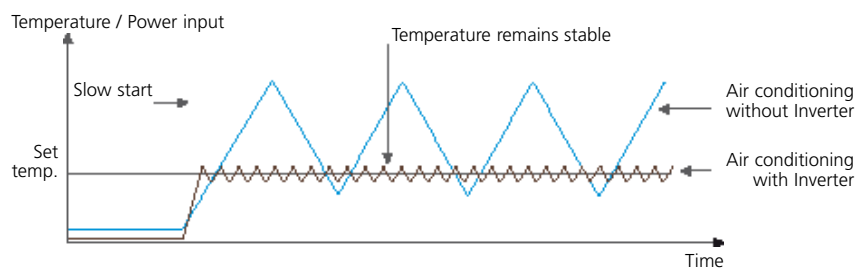
> **B** Energy label: up to class B

### > 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:

- 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!

### Heating operation:



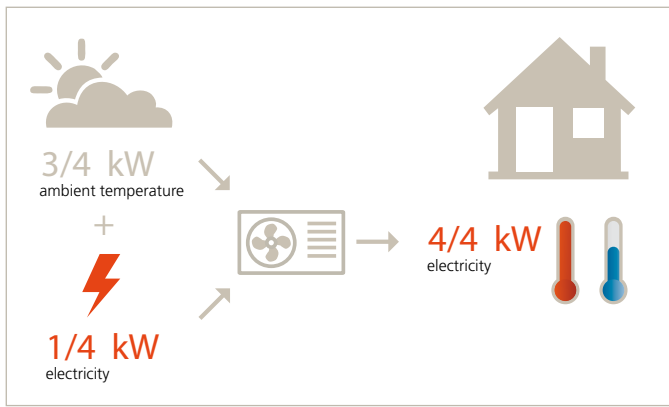
### » Movement sensor

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.

### » Home leave operation

The home leave operation button prevents large temperature differences by continuously operating at a minimum (heating mode) or maximum (cooling mode) preset level while you are out or sleeping. It also allows the indoor temperature to return quickly to your favourite comfort level.

1. When you go out push the "Home leave operation" button, and the air conditioner will adjust capacity to reach the preset temperature for "Home leave operation".
2. When you return, you will be welcomed by a comfortable air conditioned room.
3. Push the "Home leave operation" button again, and the air conditioner will adjust capacity to the set temperature for normal operation.



## 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 transform the ambient air into comfort heat, but increasingly this electricity can also be generated from renewable energy sources (solar energy, wind energy, hydropower, biomass).

\* EU objective COM (2008)/30

## CAPACITY AND POWER INPUT

HEATING & COOLING			FTXS60F		FTXS71F	
			RXS60F		RXS71F	
Cooling capacity	min~nom~max	kW	1.7~6.0~6.7		2.3~7.1~8.5	
Heating capacity	min~nom~max	kW	1.7~7.0~8.0		2.3~8.2~10.2	
Nominal input	cooling	min~nom~max	0.44~1.99~2.40		0.57~2.35~3.20	
	heating	min~nom~max	0.40~2.04~2.81		0.52~2.55~3.82	
EER			3.02		3.02	
COP			3.43		3.22	
Energy label	cooling		B		B	
	heating		B		C	
Annual energy consumption	cooling	kWh	995		1,175	

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)

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
Heating & cooling	FTXS60F				•	•	•	•	•	•	•
	FTXS71F						•	•	•	•	•
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. PI cooling	kW	1.35	1.73	2.25	3.33	2.95	3.56	4.01	3.50	5.09	5.40
Max. PI 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	290 mm
Width	1050 mm
Depth	238 mm



HEATING & COOLING				FTXS60F	FTXS71F
Dimensions		HxWxD	mm	290x1,050x238	
Weight			kg	12	12
Colour				White	
Air flow rate	cooling	H/L/SL	dB(A)	16.8 (H)	16.2 (H)
	heating			17.4 (H)	18.2 (H)
Fan speed				5 steps, silent and auto	
Sound pressure level		H/L/SL	dB(A)	45/36	46/37
		H/L/SL	dB(A)	44/35	46/37
Sound power level		H	dB(A)	61	62
Piping connections		liquid	mm	ø6.4	
		gas	mm	ø12.7	
		drain	mm	ø18.0	
Heat insulation				Both liquid and gas pipes	

## SPECIFICATIONS OUTDOOR UNITS

Height	735 mm
Width	825 mm
Depth	300 mm



HEATING & COOLING				RXS60F	RXS71F
Dimensions		HxWxD	mm	735x825x300	770x900x320
Weight			kg	48	71
Casing colour				Ivory white	
Sound pressure level	cooling	H/L	dB(A)	49/46	52/49
	heating	H/L	dB(A)	49/46	52/49
Sound power level	cooling	H	dB(A)	63	66
	heating	H	dB(A)	62	66
Compressor			type	Hermetically sealed swing	
Refrigerant type				R-410A	
Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)	
Maximum piping length			m	30	
Maximum level difference			m	20	
Operation range	cooling	from ~ to	°CDB	-10~46	
	heating	from ~ to	°CWB	-15~18	



## ACCESSORIES: CONTROL SYSTEMS

INDOOR UNITS		FTXS60F	FTXS71F
Wiring adapter for time clock/ remote control (1)	normal open contact		KRP413AA1S
	normal open pulse contact		KRP413AA1S
Centralised control board	up to 5 rooms (2)		KRC72 (A)
Central remote control			DCS302CA51
Unified ON/OFF control			DCS301BA51
Schedule timer			DCT301BA51
Interface adapter (3)			KRP928BA25

(1) Wiring adapter is supplied by Daikin. Timer and other devices: field supply.

(2) Wiring adapter is also required for each indoor unit.

(3) For DIII-NET adapter

## ACCESSORIES: INDOOR UNITS

INDOOR UNITS	FTXS60F	FTXS71F
Air purification filter with photocatalytic deodorising function (with frame)		-
Air purification filter with photocatalytic deodorising function (without frame)		-
Anti-theft protection for remote control		KKF917AA4
Titanium apatic photocatalytic air purification filter (without frame)		KAF952B42

## ACCESSORIES: OUTDOOR UNITS

OUTDOOR UNITS	RXS60F	RXS71F
Air direction adjustment grille		KPW945(A)4
Drain plug (1)		KKP937(A)4

(1) Only heat pump models

- Note:
- 1) V1 = 1~, 230V/50Hz; VM = 1~, 220-240V/220-230V, 50Hz/60Hz; V3 = 1~, 230V, 50Hz
  - 2) Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB • outdoor temperature 35°CDB • refrigerant piping length 7.5m • level difference 0m.
  - 3) Nominal heating capacities are based on: indoor temperature 20°CDB • outdoor temperature 7°CDB/6°CWB • refrigerant piping length 7.5m • level difference 0m.
  - 4) Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
  - 5) Units should be selected on nominal capacity. Max. capacity is limited to peak periods.
  - 6) The sound pressure level is measured via a microphone at a certain distance from the unit (for measuring conditions; please refer to the technical databooks).
  - 7) The sound power is an absolute value indicating the "power" which a sound source generates.



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.



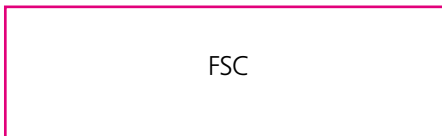
Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FC); the certified data of certified models are listed in the Eurovent Directory. Multi units are Eurovent certified for combinations up to 2 indoor units.

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