



AIR CONDITIONERS

for your home

WALL MOUNTED UNIT

R-410A



www.daikin.eu

FTKS/FTXS-F





DAIKIN AIR CONDITIONERS LEAD THE INDUSTRY WITH THEIR ENERGY SAVINGS AND WIDE MODEL RANGE. THESE F SERIES OFFER YOU A FLAT PANEL DESIGN WITH HIGH PERFORMANCES.

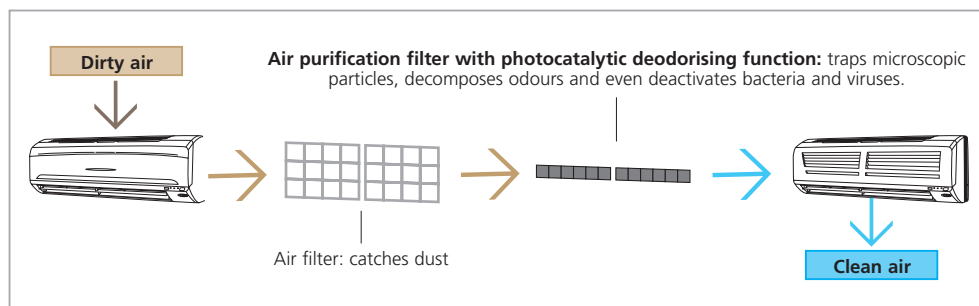
COMFORT

- › The **vertical auto swing** automatically moves the flaps up and down to ensure an even distribution of air throughout the room.
- › The **horizontal auto swing** automatically moves the louvers to the left and right to cover the room with cool/warm air.
- › The **3D air flow** function combines the vertical and horizontal auto swing, circulating a stream of cool / warm air right to the corners of even large spaces.
- › You have the choice of **5 fan speeds** to select: from high to super low.
- › Daikin's special **dry programme** reduces humidity in the room without variations in room temperature.
- › The **powerful operation function** boosts the air flow to a maximum volume for a 20-minute period, (e.g. when you come home on a hot day, rapid cooling is required). After this, the unit automatically returns to its previous settings.

- › The **night set mode** is automatically selected by pushing the 'off' timer button. This function prevents any sudden change in room temperature by gently raising / lowering the temperature before the air conditioner stops, so you can sleep more comfortably.
- › The indoor unit is **extremely quiet in operation**. The sound levels are as low as 22dB(A), comparable to rustling leaves. The **outdoor unit silent operation*** function increases comfort by automatically lowering the operating sound of the outdoor unit by 3dB (A).

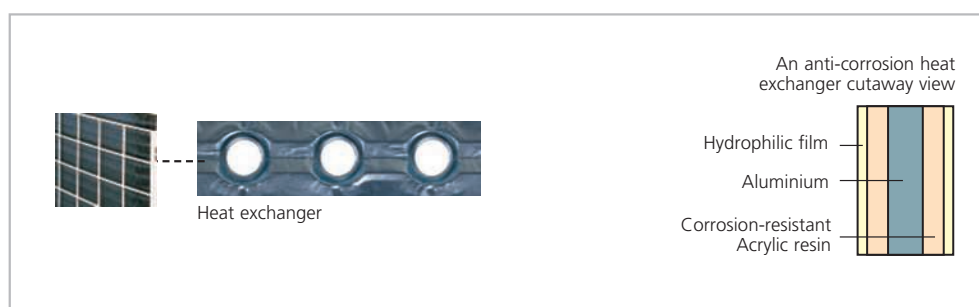
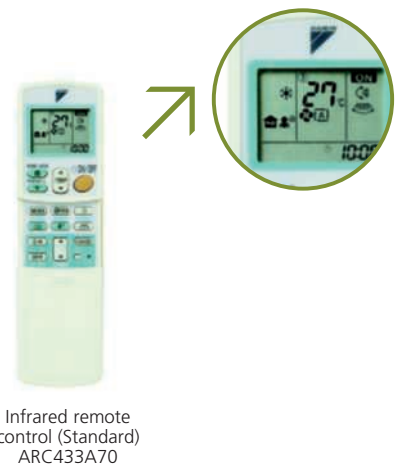
FILTER

- › This wall mounted unit is equipped with a **titanium apatite photocatalytic air purification filter**. Micron scale fibres in this filter trap dust while the titanium apatite absorbs organic contaminants such as bacteria and viruses. In addition, the titanium oxide is activated by natural light, allowing it to break down and eliminate odours. The filter lasts for 3 years without replacement if washed about every 6 months.



FLEXIBLE INSTALLATION AND EASY TO USE AND MAINTAIN

- › The outdoor unit can be installed on a roof or terrace or placed against an outside wall.
- › Daikin remote controls give you **easy control at your fingertips**.
- › Malfunction codes are shown on the digital display panel of the infrared remote control for **fast and easy maintenance**.
- › Special anti-corrosion treatment of the outdoor unit's heat exchanger fin, gives **great resistance against acid rain and salt corrosion**. Additional resistance is provided by a rust proof steel sheet on the underside of the unit.





ENERGY EFFICIENT

› **B** Energy label: up to class B

› 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

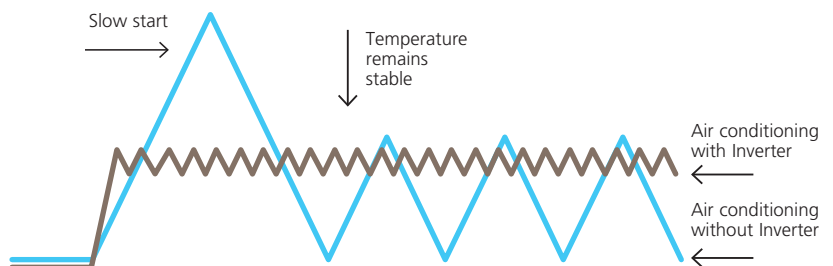
The inverter repays its investment many times over by improving comfort.

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!



› The **movement sensor** detects whether anyone is in the room. When the room is empty, the unit switches to economy mode and restarts when a person enters the room.

› 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.

APPLICATION OPTIONS

- › This model can be used for **cooling only or heating**.
- › It is possible to use the indoor unit in **one room** (connecting 1 indoor to 1 outdoor) and **multiple rooms** (connecting up to 9 units in several rooms to 1 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, even with negative outside temperatures. This way we can reduce CO₂ emissions.

CAPACITY AND POWER INPUT

COOLING ONLY - INVERTER CONTROLLED (air cooled)				FTKS60F		FTKS71F	
				RKS60F		RKS71F	
Cooling capacity	min~nom~max	kW	1.7~6.0~6.7		2.3~7.1~8.5		
Norminal input	min~nom~max	kW	0.44~1.99~2.40		0.57~2.35~3.20		
EER			3.02		3.02		
Energy label			B		B		
Annual energy consumption	cooling	kWh	995		1,175		
HEAT PUMP - INVERTER CONTROLLED (air cooled)				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		
Norminal 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		2MKS40G (1)	2MKS50G (2)	3MKS50E (3)	4MKS58E (3)	4MKS75F (4)	5MKS90E (5)	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	4	4	5	2	2	3	3	4	4	5	6
Cooling only	FTKS60F					•	•										
	FTKS71F						•										
Heat pump	FTXS60F										•	•	•	•	•	•	•
	FTXS71F											•	•	•	•	•	•
Max. cooling capacity	kW	4.50	5.40	7.07	7.30	9.33	10.50	4.50	5.40	7.30	8.42	8.73	9.60	10.50	11.2	14.0	15.5
Max. heating capacity	kW	N/A	N/A	N/A	N/A	N/A	N/A	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	2.16	2.24	3.06	3.98	1.35	1.73	2.25	3.33	2.95	3.56	4.01	3.50	5.09	5.40
Max. PI heating	kW	N/A	N/A	N/A	N/A	N/A	N/A	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



COOLING ONLY				FTKS60F	FTKS71F
Dimensions	HxWxD	mm	290x1,050x238		
Weight		kg	12	12	
Colour	White				
Air flow rate	H/L	dB(A)	16.8 (H)	16.2 (H)	
Fan speed	5 steps, silent and auto				
Sound pressure level	H/L	dB(A)	45/36	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 gass pipes				
HEAT PUMP				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 gass pipes				

SPECIFICATIONS OUTDOOR UNITS

Height	735 mm
Width	825 mm
Depth	300 mm



COOLING ONLY				RKS60F	RKS71F
Dimensions	HxWxD	mm	735x825x300		
Weight		kg	48	71	
Casing colour	Ivory white				
Sound pressure level	H/L	dB(A)	49/46	52/49	
Sound power level	H	dB(A)	63	66	
Compressor		type	Hermetically sealed swing		
Refrigerant type	R-410A				
Additional refrigerant charge		kg/m	0.02 (for piping lenght exceeding 10m)		
Maximum piping length		m	30		
Maximum height difference		m	20		
Operation range	from ~ to	°CDB	-10~46		
HEAT PUMP				RXS60F	RXS71F
Dimensions	HxWxD	mm	735x825x300		
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 lenght 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		FTK / XS60F	FTK / XS71F
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)			KRP928BA2S

(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	FTK / XS60F	FTK / XS71F
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	RK / XS60F	RK / XS71F
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.





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.



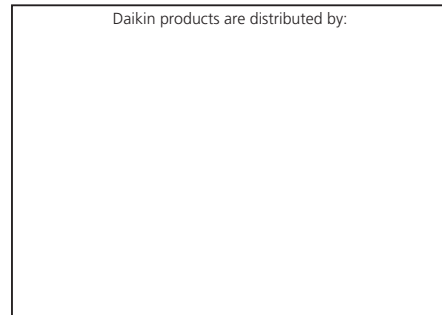
Daikin units comply with the European regulations that guarantee the safety of the product.



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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