



AIR CONDITIONERS

*for your home*

WALL MOUNTED UNIT

R-410A



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

FTXS-G





## FOR EVERY HOME, FOR EVERY ROOM

EVERY DAY, MORE AND MORE PEOPLE ARE MAKING A CONSCIOUS EFFORT TO RAISE THEIR QUALITY OF LIFE. BESIDES A BALANCED DIET AND REGULAR PHYSICAL EXERCISE, ATTENTION IS INCREASINGLY BEING PAID TO CREATING A HEALTHY, COMFORTABLE INDOOR CLIMATE. BALANCED AIR TREATMENT IN YOUR HOME IS UNMISTAKABLY REFLECTED IN THE PERFORMANCE OF BOTH YOUR BODY AND MIND. THE DAIKIN BRAND IS THE GUARANTEE THAT YOU ARE BRINGING INTO YOUR HOME A CLIMATE SYSTEM WHICH WILL ADD VALUE TO YOUR LIVING ENVIRONMENT.

## BUILT-IN INTELLIGENCE

### › **Pair or Multi**

Depending on the type of climate you want, you can choose between two models: 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.

### › **Dehumidifying function**

With the Daikin dehumidifying programme, the humidity level in the room is reduced 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.

### › **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.

### › **Remote control with weekly timer**

The new infrared remote control has a very stylish design, is user-friendly and equipped with a weekly timer. With this timer, you can programme a **7-day schedule with 4 different actions per day**. Furthermore, the convenient copy function allows you to very quickly copy any day's programme to one or more other days. Should there be a malfunction in the air conditioner, you can read the code on the LCD screen of the remote control and easily find the appropriate solution.



Infrared remote control (Standard)  
ARC452A1

### › **Energy saving during operation standby**

Once the standby current-saving function has been activated, the current consumption when operating on standby will be reduced by about 80%. If no people are detected for an extended period of time, i.e. more than 20 minutes, the system will automatically switch to the current-saving mode.

### › **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).

## PLEASANT AIR FLOW AT EVERY MOMENT

### › 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. The horizontal auto swing moves the outflow louvers from left to right to circulate cool or warm air throughout the whole room.

### › 2-area intelligent eye

With this function, the air flow is sent to a zone other than where the person is located at that moment. If two people are detected in the room, the movement sensor, together with the comfort mode (cooling directed at the ceiling, heating directed at the floor), will see to it that the air flow is projected away from the occupants. If no people are detected, the unit will automatically switch over to the energy-efficient setting.

### › Fan speeds

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

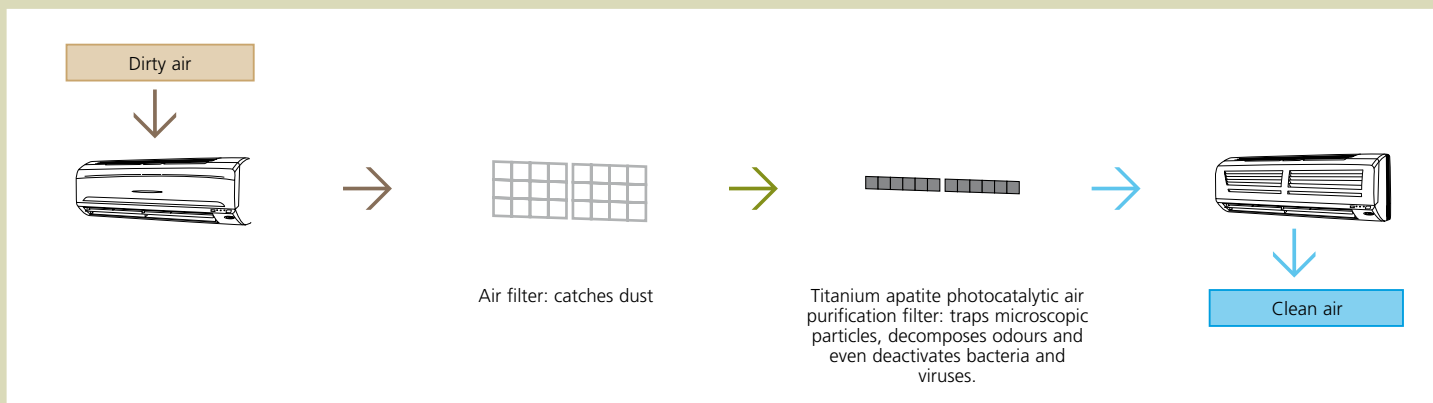
## FOR YOUR PERSONAL COMFORT

### › Whisper-quiet operation

The indoor unit operates whisper-quiet. The noise it produces scarcely amounts to 22 dB(A), which is the sound of leaves rustling in trees.

### › Comfort mode

The comfort mode guarantees you draught-free operation. When it cools, the flap is positioned horizontally to prevent cold air flow from being blown directly onto the body. When it heats, the flap turns vertically downwards to take the warm air to the bottom of the room.



## AIR PURIFICATION FILTER

- › The indoor unit is equipped with a **titanium apatite photocatalytic 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 odours.







## ENERGY-EFFICIENT THROUGH AND THROUGH

› **A** Energy label: class A

By applying special techniques, the 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, which means a reduction in CO<sub>2</sub> emissions.

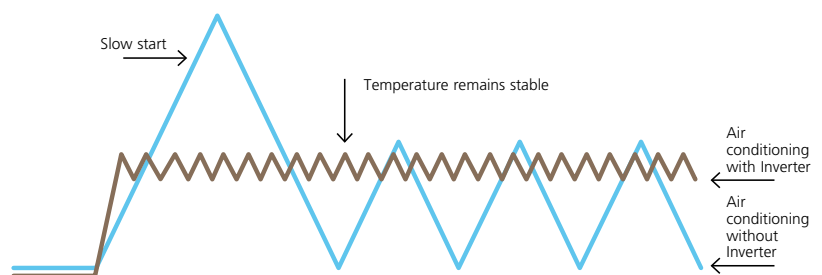
› **Econo mode**

The Econo mode reduces power consumption and prevents overloading when other household appliances are in use.

› **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!



## FLEXIBLE INSTALLATION, EASY CONTROL

- › The outdoor unit is 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 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.

## CAPACITY AND POWER INPUT

### COOLING ONLY - INVERTER CONTROLLED (air cooled)

			FTXS20G	FTXS25G	FTXS35G	FTXS42G	FTXS50G
			RKS20G	RKS25G	RKS35G	RKS42G	RKS50G
Cooling capacity	min~nom~max	kW	1.3~2.0~2.8	1.3~2.5~3.2	1.4~3.5~4.0	1.7~4.2~5.0	1.7~5.0~5.3
Nominal input	min~nom~max	kW	0.47	0.55	0.87	1.22	1.52
EER			4.26	4.55	4.02	3.44	3.29
Energy label			A	A	A	A	A
Annual energy consumption	cooling	kWh	235	275	435	610	760

### HEAT PUMP - INVERTER CONTROLLED (air cooled)

			FTXS20G	FTXS25G	FTXS35G	FTXS42G	FTXS50G
			RXS20G	RXS25G	RXS35G	RXS42G	RXS50G
Cooling capacity	min~nom~max	kW	1.3~2.0~2.8	1.3~2.5~3.2	1.4~3.5~4.0	1.7~4.2~5.0	1.7~5.0~5.3
Heating capacity	min~nom~max	kW	1.3~2.7~4.3	1.3~3.4~4.7	1.4~4.0~5.2	1.7~5.4~6.0	1.7~5.8~6.5
Nominal input	cooling	min~nom~max	0.47	0.55	0.87	1.22	1.52
	heating	min~nom~max	0.63	0.75	0.96	1.47	1.57
EER			4.26	4.55	4.02	3.44	3.29
COP			4.29	4.53	4.17	3.67	3.69
Energy label	cooling		A	A	A	A	A
	heating		A	A	A	A	A
Annual energy consumption	cooling	kWh	235	275	435	610	760

#### Notes:

- 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 visa-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.

POSSIBLE COMBINATIONS		2MXS40G (1)	2MXS50G (2)	3MXS0E (3)	4MXS8E (3)	4MXS75F (4)	5MXS90E (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	8	9
Heat pump	FTXS20G	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	FTXS25G	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	FTXS35G	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	FTXS42G	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	FTXS50G	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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. Pl 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. Pl 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 (60,71class) 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

# DID YOU KNOW *that* ...

heating makes air very dry, which can cause sore

throats, colds and other ailments?

For this reason, it is extremely important to regulate

air humidity in a room.

## SPECIFICATIONS INDOOR UNITS

COOLING ONLY / HEAT PUMP				FTXS20G	FTXS25G	FTXS35G	FTXS42G	FTXS50G	
Dimensions	HxWxD	mm	295x800x215						
Weight		kg	9	9	10	10	10		
Colour			White						
Air flow rate	cooling	H/L	dB(A)	9.4/5.5	9.1/5.2	10.4/4.8	9.1/6.3	10.2/7.0	
	heating			9.9/6.5	9.8/6.2	10.6/6.4	11.2/7.7	11.0/7.6	
Fan speed			5 steps, silent and auto						
Sound pressure level	cooling	H/M/L/SL	dB(A)	38/32/25/22	38/32/25/22	42/34/26/23	42/38/33/30	43/39/34/31	
	heating			38/33/28/25	39/34/28/25	42/36/29/26	42/38/33/30	44/39/34/31	
Sound power level	cooling	H	dB(A)	54	54	58	58	59	
Piping connections		liquid	mm	ø6.4					
		gas	mm	ø9.5	ø9.5	ø9.5	ø9.5	ø12.7	
Heat insulation			ø18						

## SPECIFICATIONS OUTDOOR UNITS

COOLING ONLY				RKS20G	RKS25G	RKS35G	RKS42G	RKS50G
Dimensions	HxWxD	mm	550x765x285					735x825x300
Weight		kg	32	34	34	39	48	
Casing colour			Ivory White					
Sound pressure level	H/L	dB(A)	46/43	46/43	48/44	48/44	48/44	
Sound power level	H	dB(A)	61	61	63	63	62	
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	20	20	20	20	30	
Maximum height difference		m	15	15	15	15	20	
Operation range	from ~ to	°CDB	-10~46					
HEAT PUMP				RXS20G	RXS25G	RXS35G	RXS42G	RXS50G
Dimensions	HxWxD	mm	550x765x285					735x825x300
Weight		kg	32	34	34	39	48	
Casing colour			Ivory White					
Sound pressure level	cooling	dB(A)	46/43	46/43	48/44	48/44	48/44	
	heating	dB(A)	47/44	47/44	48/45	48/45	48/45	
Sound power level	cooling	dB(A)	61	61	63	63	62	
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	20	20	20	20	30	
Maximum height difference		m	15	15	15	15	20	
Operation range	cooling	from ~ to	°CDB					-10~46
	heating	from ~ to	°CWB					-15~20

(1) Only heat pump models

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

## ACCESSORIES: INDOOR UNITS

INDOOR UNITS	FTXS20G	FTXS25G	FTXS35G	FTXS42G	FTXS50G
Titanium apatite photocatalytic air purification filter			KAF968A42		
Anti-theft protection for remote control			KKF910A4		

## ACCESSORIES: CONTROL SYSTEMS

INDOOR UNITS	FTXS20G	FTXS25G	FTXS35G	FTXS42G	FTXS50G
Wired remote control			BRC944A2B		
5-room centralised control			KRC72A		
Central remote control (1)			DCS302CA51		
Unified ON/OFF control (1)			DCS301BA51		
Schedule timer (1)			DST301BA51		
Interface adapter (2)			KRP928BA2S		

(1) for Europe

(2) For DIII-NET adapter

## ACCESSORIES: OUTDOOR UNITS

OUTDOOR UNITS	RK/XS20G	RK/XS25G	RK/XS35G	RK/XS42G	RK/XS50G
Air direction adjustment grille		KPW937AA4			KPW945AA
Drain plug *			KKP937A4		

\* standard accessory (only for heat pump models)

Height	735 mm
Width	825 mm
Depth	300 mm



Height	295 mm
Width	800 mm
Depth	215 mm



DID YOU KNOW  
*that ...*

on average, indoor air pollution levels are 1.5 to 2.5 times higher - sometimes even 10 times higher - than those found in outdoor ambient air?\* The pollution outside is largely attributable to vehicle traffic, but 55% of indoor hazardous volatile substances does not originate from traffic outside; it comes from indoor sources. Among other things, there is dust, tobacco smoke, cleaning products, open fireplaces and candles. Right from the first hour of operation, filters on Daikin units capture up to 80% of all fine dust particles in the ambient air.

\*Source: research by VITO (Flemish Institute for Technological Research)





THE ELEGANT, FLAT PANEL  
OF THE G SERIES  
BLENDS IN PERFECTLY  
WITH EVERY INTERIOR WHILE  
ALSO GREATLY REDUCING  
ENERGY CONSUMPTION.

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.



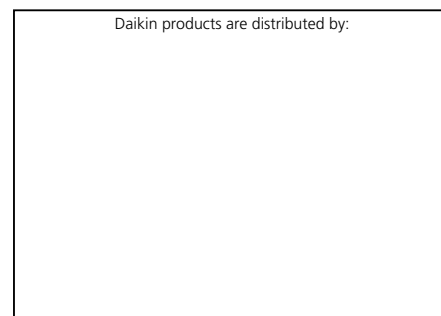
Daikin units comply with the European regulations that guarantee the safety of the product.



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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