



AIR CONDITIONERS

*for your home*

FLOOR STANDING UNIT

R-410A



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

FVXS-F



THE IDEAL  
TEMPERATURE  
AND AIR QUALITY  
FOR EACH SEASON



TODAY, MORE AND MORE PEOPLE ARE MAKING A VERY CONSCIOUS CHOICE TO ENJOY THE COMFORT OF AIR CONDITIONING IN THEIR HOME. IT IS WIDELY RECOGNISED THAT BALANCED AIR CONDITIONING HAS A TANGIBLE EFFECT ON THE PERFORMANCE OF BOTH THE BODY AND THE MIND.

IN AN INDOOR CLIMATE WITH A PLEASANT TEMPERATURE AND AIR HUMIDITY LEVEL, YOU FEEL FIT AND ACTIVE DURING THE DAY AND AT NIGHT YOU CAN ENJOY AN IDEAL NIGHT'S REST. BESIDES THAT, IT QUICKLY BECOMES SNUGLY WARM IN SPRING AND AUTUMN BECAUSE DAIKIN HEAT PUMP AIR CONDITIONERS - WHICH BOTH HEAT AND COOL - START PRODUCING HEAT FROM THE MOMENT THEY ARE SWITCHED ON. THIS MEANS THAT YOUR HEATING SYSTEM CAN STAY SWITCHED OFF AND THAT YOU BENEFIT FROM LOWER FUEL COSTS.

THE DAIKIN FLOOR STANDING UNIT FOR HOME USE HAS A CONTEMPORARY DESIGN, IS EXTREMELY QUIET, ENERGY-EFFICIENT AND CREATES A VERY COMFORTABLE CLIMATE IN THE LIVING ROOM, KITCHEN OR BEDROOM - DAY AND NIGHT, THE WHOLE YEAR ROUND.

DID YOU KNOW  
*that...*

an air purifying filter is ideally suited to improving quality of life? And not only people who have asthma, hay fever or allergies can benefit. It can help people who are housebound or bed bound due to an illness as well. An air purifying filter does, after all, eliminate dust, smoke, bacteria, viruses, pollen and kitchen odours. Are you awake all night? Then consider that a climate system could also help provide you with a good night's rest.

## FLEXIBLE TO INSTALL, EASY TO USE

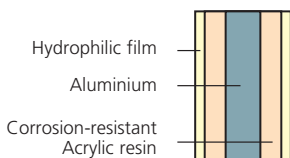
### › Indoor unit

The floor standing unit has a new and easy to clean front panel with side inlets instead of the traditional front grille, which results in an exceptionally slim look. The floor standing unit can be installed both low against the wall and on the floor, and it is always easily adjustable to suit on-site installation requirements. If the floor standing unit is installed on the floor, it can be built in either completely or partly without any loss in capacity.

### › Outdoor unit

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.

An anti-corrosion heat exchanger cutaway view



### › 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

# UNIQUE COMFORT FUNCTIONS FOR THE INDOOR CLIMATE

The floor standing unit provides clear and comfortable air flow in an extremely quiet manner: only 28 dB(A), which corresponds to leaves rustling in trees. For even greater comfort, you can choose from among various settings which you simply select with the remote control.

› **Auto swing**

The **vertical auto swing system** automatically makes the streamlined outflow louvers move up and down and provides consistent air and temperature distribution in the room. Thanks to the **wide angle of the louvers** - which can be set manually - the air flow covers a large area.

› **5 fan speeds**

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

› **Dry programme**

With the dry 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 you press the 'OFF' timer button, 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.

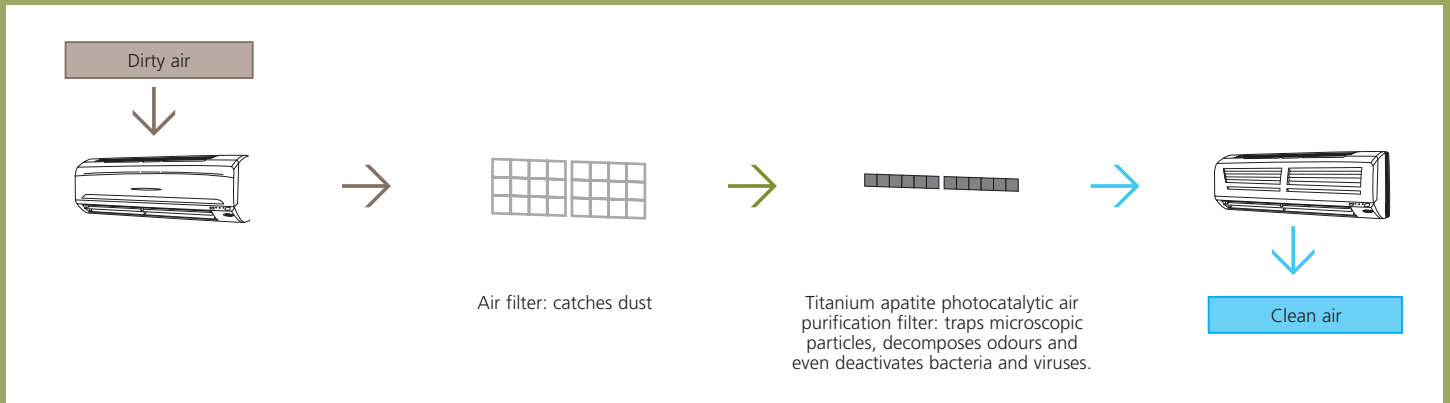
› **Silent operation and night quiet mode**

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).

› **Econo mode**

The Econo mode reduces power consumption and prevents overloading when other household appliances are in use. In the Econo-mode, maximum operating current and energy consumption are reduced by about 30% during start-up. This mode can be very easily activated with the remote control.





## THE PUREST AIR COMES FROM DAIKIN

- › The floor standing unit guarantees air flow which is not only comfortable, but also clean. 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. The filter lasts three years if you rinse it every six months.



## R-410A, THE REFRIGERANT WITH A HIGH OUTPUT

A refrigerant is used to transport heat from the inside to the outside and vice-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.

Height	600 mm
Width	700 mm
Depth	210 mm



Height	735 mm
Width	825 mm
Depth	300 mm





## EXTRAORDINARILY ENERGY-EFFICIENT

### › **A** **A label**

By applying special techniques, the floor standing unit achieves an energy performance coefficient of 3.6. In practice, this means that the system supplies as much as 3.6 in cooling or heating capacity for every 1 kilowatt of electricity. All units have an A label according to the European energy classification, which means a reduction in CO<sub>2</sub> emissions.

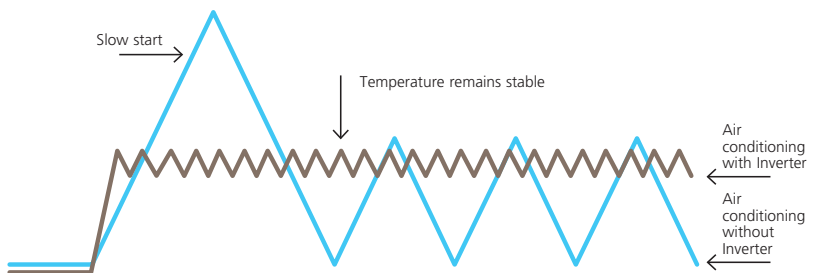
- › The **inverter technology**, developed by Daikin is a true innovation in the area of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement. No more, no less. This technology provides you with two concrete benefits:

#### 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!



## APPLICATION OPTIONS

- › The floor standing unit can be used **for both cooling and heating (heat pump) or exclusively for cooling.**
- › The floor standing unit is suited for **pair application** - where one indoor unit is connected to one outdoor unit - and **multi application** - where a maximum of nine indoor units in different rooms are connected to one 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 for free, even with negative outside temperatures.

## CAPACITY AND POWER INPUT

COOLING ONLY - INVERTER CONTROLLED (air cooled)				FVXS25F	FVXS35F	FVXS50F
				RKS25G	RKS35G	RKS50G
Cooling capacity	min~nom~max		kW	1.3~2.5~3.0	1.4~3.5~3.8	1.4~5.0~5.6
Nominal input	min~nom~max		kW	0.57	1.02	1.55
EER				4.39	3.43	3.23
Energy label				A	A	A
Annual energy consumption	cooling		kWh	285	510	775
HEAT PUMP - INVERTER CONTROLLED (air cooled)				FVXS25F	FVXS35F	FVXS50F
				RXS25G	RXS35G	RXS50G
Cooling capacity	min~nom~max		kW	1.3~2.5~3.0	1.4~3.5~3.8	1.4~5.0~5.6
Heating capacity	min~nom~max		kW	1.3~3.4~4.5	1.4~4.5~5.0	1.4~5.0~8.1
Nominal input	cooling	min~nom~max	kW	0.57	1.02	1.55
	heating	min~nom~max	kW	0.79	1.22	1.60
EER				4.39	3.43	3.23
COP				4.30	3.69	3.63
Energy label	cooling			A	A	A
	heating			A	A	A
Annual energy consumption	cooling		kWh	285	510	775

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)

## SPECIFICATIONS INDOOR UNITS

COOLING ONLY / HEAT PUMP				FVXS25F	FVXS35F	FVXS50F
Dimensions	HxWxD		mm	600x700x210		
Weight			kg	14		
Front panel colour				White		
Air flow rate	cooling	H / L / SL	m³/min	8.2 / 4.8 / 4.1	8.5 / 4.9 / 4.5	10.7 / 7.8 / 6.6
	heating	H / L / SL	m³/min	8.8 / 5.0 / 4.4	9.4 / 5.2 / 4.7	11.8 / 8.5 / 7.1
Fan speed			steps	5 steps, silent and auto		
Sound pressure level	cooling	H / L / SL	dB(A)	38 / 26 / 23	39 / 27 / 24	44 / 36 / 32
	heating	H / L / SL	dB(A)	38 / 26 / 23	39 / 27 / 24	45 / 36 / 32
Sound power level	cooling	H	dB(A)	54	55	56
Piping connections		liquid	mm	6.4	6.4	6.4
		gas	mm	9.5	9.5	12.7
		drain	mm	20	20	20
Heat insulation				Both liquid and gas pipes		

Note:

1) VM = 1~, 220-240/220-230V, 50/60Hz / V1 = 1~, 220-240V, 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 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.

## SPECIFICATIONS OUTDOOR UNITS

COOLING ONLY				RKS25G	RKS35G	RKS50G
Dimensions	HxWxD		mm	550x765x285		
Weight			kg	34	34	48
Casing colour				Ivory white		
Sound pressure level	H / L		dB(A)	46 / 43	48 / 44	48 / 44
Sound power level	H		dB(A)	61	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	30
Maximum height difference			m	15	15	20
Operation range	from ~ to		°CDB	-10~46		
HEAT PUMP				RXS25G	RXS35G	RXS50G
Dimensions	HxWxD		mm	550x765x285		
Weight			kg	34	34	48
Casing colour				Ivory white		
Sound pressure level	cooling		dB(A)	46/43	48/44	48/44
	heating		dB(A)	47/44	48/45	48/45
Sound power level	cooling		dB(A)	61	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	30
Maximum height difference			m	15	15	20
Operation range	cooling	from ~ to	°CDB	-10~46		
	heating	from ~ to	°CWB	-15~20		-15~18

## 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	8	9
Cooling only / Heat pump	FVXS25F	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	FVXS35F	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	FVXS50F		•		•	•	•		•	•	•	•	•	•	•	•	•
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:
- For more detailed information, please consult our multi model / combination tables catalogue or your local dealer
  - (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

## ACCESSORIES: CONTROL SYSTEMS

INDOOR UNITS		FVXS25F	FVXS35F	FVXS50F
Centralised control board	up to 5 rooms		KRC72(A)	
Wiring adapter (normal open / normal open pulse contact)	normal open		KRP413A(A)1S	
	normal open pulse contact		KRP413A(A)1S	
Interface adapter (1)			KRP928B(A)2S	
Central remote control			DCS302CA61	
Unified ON / OFF control			DCS301BA61	
Schedule timer			DST301BA61	

(1) For DIII-NET adapter

## ACCESSORIES INDOOR UNITS

INDOOR UNITS	FVXS25F	FVXS35F	FVXS50F
Titanium apatite photocatalytic air-purifying filter without frame(2)		KAF968A42	
Anti-theft protection for remote control		KKF936A4	

(2) Standard accessory

## ACCESSORIES OUTDOOR UNITS

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

\* Standard accessory (only for heat pump models)



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.

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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.

Daikin products are distributed by:

**DAIKIN EUROPE N.V.**

Naamloze Vennootschap  
 Zandvoordestraat 300  
 B-8400 Oostende, Belgium  
 www.daikin.eu  
 BTW: BE 0412 120 336  
 RPR Oostende



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 www.fsc.org Cert no. SGS-COC-003924  
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EPLEN08-013 • 830 • 12/07 • Copyright © Daikin  
 The present publication supersedes EPLEN07-013.  
 Printed on non-chlorinated paper. Prepared by La Movida, Belgium  
 Responsible Editor: Daikin Europe N.V., Zandvoordestraat 300, B-8400 Oostende