



AIR CONDITIONERS

*for your home*

FLEXI TYPE UNIT

R-410A



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

FLKS/FLXS-B







THIS FLEXI TYPE UNIT ALLOWS BOTH CEILING  
SUSPENDED AND FLOOR LEVEL INSTALLATION.

THE ROUNDED DESIGN OF THIS SLIM AND  
LIGHTWEIGHT UNIT MAKES THE PERFECT CHOICE

FOR ROOMS WITHOUT A FALSE CEILING. CEILING

SUSPENDED INSTALLATION FREES UP WALL AND

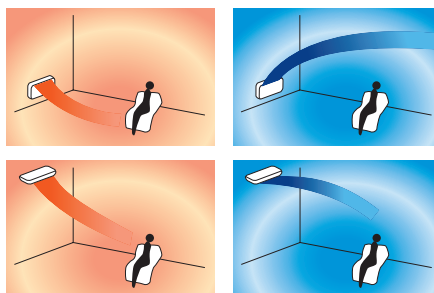
FLOOR SPACE, WHILE FLOOR LEVEL INSTALLATION

IS POSSIBLE WITHOUT LOSS OF WARM AIR.

## COMFORT

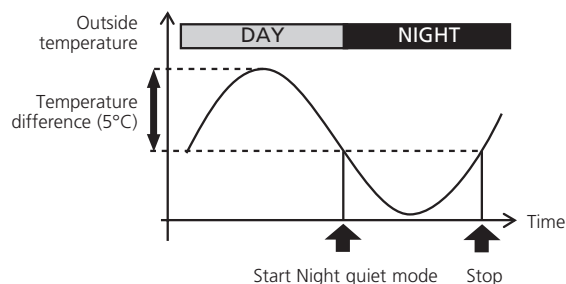
- › **Vertical auto swing and wide angle louvers** ensure that comfortable air flow is spread throughout a large room. A result of these functions, the whole room can be evenly air conditioned for both floor level and ceiling suspended installation. The wide angle louvers can be manually adjusted.

Vertical auto swing and wide angle louvers



- › 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 returns automatically 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 **very quiet in operation**. The sound levels are as low as 28dB(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).
- › The **night quiet mode** reduces the operation sound of the outdoor unit by another 3 dB(A) at night (in combination with Multi models only).



## FILTER

- › This floor standing unit is equipped with a **separate air purification filter and a photocatalytic deodorising filter**.

The air purification filter traps mildew, mites, tobacco smoke, dust and pollen as fine as 0.01 micron metres.

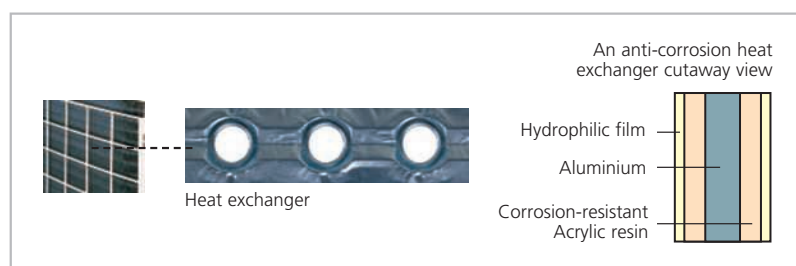
The photocatalytic deodorising filter decomposes odours and even deactivates bacteria and viruses. This capability is maintained simply by exposing the filter to sunlight once every 6 months. This filter does not need any replacement.

## 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.



Infrared remote control (Standard) ARC 433 A6





## ENERGY EFFICIENT

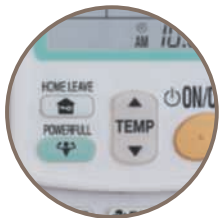
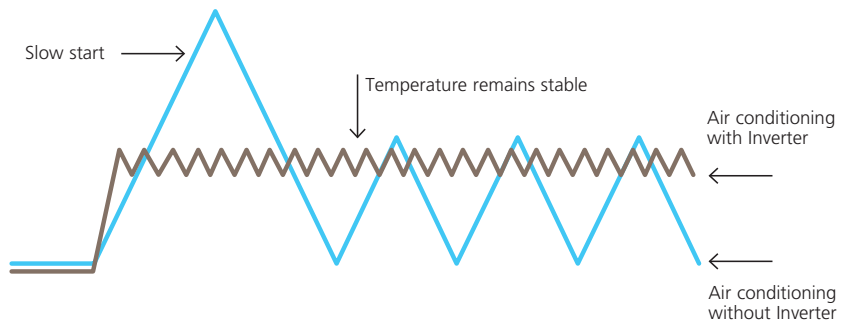
- › **A** Energy label: up to class A
- › The **inverter technology**, developed by Daikin is a true innovation in the area of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement. No more, no less. This technology provides you with two concrete benefits:

### 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 **home leave operation** button prevents large temperature differences by continuously operating at a minimum (heating mode) or maximum (cooling mode) preset level while you're 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 or heating, or cooling only.
- › It is possible to use the indoor unit in one room (connecting one indoor to one outdoor) and multiple rooms (connecting up to 9 units in several rooms to 1 outdoor unit).



## CAPACITY AND POWER INPUT

COOLING ONLY - INVERTER CONTROLLED (air cooled)			INVERTER CONTROLLED				NON-INVERTER CONTROLLED
			FLKS25B	FLKS35B	FLKS50B	FLKS60B	FLKS50B
Cooling capacity	min~nom~max	kW	1.2~2.5~3.0	1.2~3.5~3.8	0.9~4.9~5.3	For more detailed information about capacities, power input, EER, Energy label and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.	4.90 (nom)
Nominal input	min~nom~max	kW	0.65	1.13	1.72		1.72 (nom)
EER			3.85	3.10	2.85		2.85
Energy label			A	B	C		C
Annual energy consumption	cooling	kWh	325	565	860		860
HEAT PUMP - INVERTER CONTROLLED (air cooled)			FLXS25B	FLXS35B	FLXS50B	FLXS60B	For more detailed information about capacities, power input, EER, Energy label and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer.
			RXS25G	RXS35G	RXS50G	3,4MXS68G/F/MXS80E/5MXS90E	
Cooling capacity	min~nom~max	kW	1.2~2.5~3.0	1.2~3.5~3.8	0.9~4.9~5.3		
Heating capacity	min~nom~max	kW	1.2~3.4~4.5	1.2~4.0~5.0	0.9~6.1~7.5		
Nominal input	cooling	min~nom~max	0.65	1.13	1.72		
	heating	min~nom~max	0.98	1.23	1.62		
EER			3.85	3.10	2.85		
COP			3.47	3.25	3.35		
Energy label	cooling		A	B	C		
	heating		B	C	C		
Annual energy consumption	cooling	kWh	325	565	860		

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	8	9
Cooling only	FLKS25B	•	•	•	•	•	•										
	FLKS35B	•	•	•	•	•	•										
	FLKS50B		•		•	•	•										
	FLKS60B					•	•										
Heat pump	FLXS25B							•	•	•	•	•	•	•	•	•	•
	FLXS35B							•	•	•	•	•	•	•	•	•	•
	FLXS50B								•	•	•	•	•	•	•	•	•
	FLXS60B										•	•	•	•	•	•	•
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

COOLING ONLY			FLKS25B	FLKS35B	FLKS50B	FLKS60B	
Dimensions	HxWxD	mm	490x1,050x200				
Weight		kg	16	16	17	17	
Front panel colour			Almond white				
Air flow rate	H/L/SL	m <sup>3</sup> /min	7.6/6.0/5.2	8.6/6.6/5.6	11.4/8.5/7.5	12.0/9.3/8.3	
Fan speed		steps	5 steps, silent and auto				
Sound pressure level	H/L/SL	dB(A)	37/31/28	38/32/29	47/39/36	48/41/39	
Sound power level	H	dB(A)	53	54	63	64	
Piping connections	liquid	mm	ø6.4				
	gas	mm	ø9.5		ø12.7		
	drain	mm	ø18.0				
Heat insulation			Both liquid and gas pipes				
HEAT PUMP			FLXS25B	FLXS35B	FLXS50B	FLXS60B	
Dimensions	HxWxD	mm	490x1,050x200				
Weight		kg	16	16	17	17	
Front panel colour			Almond white				
Air flow rate	cooling	H/L/SL	dB(A)	7.6/6.0/5.2	8.6/6.6/5.6	11.4/8.5/7.5	12.0/9.3/8.3
	heating			9.2/7.4/6.6	9.8/8.0/7.2	12.1/7.5/6.8	12.8/8.4/7.5
Fan speed			5 steps, silent and auto				
Sound pressure level	cooling	H/L/SL	dB(A)	37/31/28	38/32/29	47/39/36	48/41/39
	heating			37/31/29	39/33/30	46/35/33	47/37/34
Sound power level	cooling	H	dB(A)	53	54	63	64
Piping connections	liquid	mm	ø6.4				
	gas	mm	ø9.5		ø12.7		
	drain	mm	ø18.0				
Heat insulation			Both liquid and gas pipes				

## SPECIFICATIONS OUTDOOR UNITS

COOLING ONLY			INVERTER CONTROLLED			NON - INVERTER CONTROLLED
			RKS25G	RKS35G	RKS50G	RN50E
Dimensions	HxWxD	mm	550x765x285			735x825x300
Weight		kg	34	34	48	47
Casing colour			Ivory white			Ivory white
Sound pressure level	H/L	dB(A)	46/43	48/44	48/44	47/44
Sound power level	H	dB(A)	61	63	62	61
Compressor		type	Hermetically sealed swing			Hermetically sealed swing
Refrigerant type			R-410A			R-410A
Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)			0.02 (for pip. length exceeding 10m)
Maximum piping length		m	20	20	30	30
Maximum height difference		m	15	15	20	20
Operation range	from ~ to	°CDB	-10~46			-10~46
HEAT PUMP			RXS25G	RXS35G	RXS50G	
Dimensions	HxWxD	mm	550x765x285			735x825x300
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	-10~46			
	heating	from ~ to	-15~20		-15~18	

## ACCESSORIES: CONTROL SYSTEMS

INDOOR UNITS		FLK/XS25B	FLK/XS35B	FLK/XS50B	FLK/XS60B
Wiring adapter for time clock / remote control (1)	normal open contact			KRP413A1S	
	normal open pulse contact			KRP413A1S	
Centralised control board	up to 5 rooms (2)			KRC72	
Centralised remote control				DCS302C51	
Unified ON/OFF control				DST301B51	
Schedule timer				DST301B51	
Interface adapter (3)				KRP928A2S	

(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	FLK/XS25B	FLK/XS35B	FLK/XS50B	FLK/XS60B
Photocatalytic deodorising filter, with frame			KAZ917B41	
Photocatalytic deodorising filter, without frame			KAZ917B42	
Air purification filter, with frame			KAF925B41	
Air purification filter, without frame			KAF925B42	
Anti-theft protection for remote control			KKF917AA4	

## ACCESSORIES: OUTDOOR UNITS

OUTDOOR UNITS	RK/XS25G	RK/XS35G	RK/XS50G	RN50E
Air direction adjustment grille		KPW937AA4	KPW945AA	KPW945A4
Drain plug*		KPW937AA4		-

\* standard accessory (only for heat pump models)

Height	490 mm
Width	1,050 mm
Depth	200 mm



Height	735 mm
Width	825 mm
Depth	300 mm





**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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