



AIR CONDITIONERS, HEATING & COOLING

for your home

FLEXI TYPE UNIT

air to air heat pumps



www.daikin.eu

FLXS-B



TOP CLASS, MADE FOR A LONG FUTURE

The importance of well-being and pleasure is increasing in our present-day living culture. It is only now, since air conditioning is being applied in many cars and offices, that we notice how much influence the temperature of rooms has on our feeling of well-being.

Thanks to Daikin, a comfortable living climate is available to everyone the whole year through. Due to the warmer summers, the increase in electrical equipment and the ongoing improvements in insulation, indoor temperatures quickly rise. An air conditioning system therefore is really no longer an unnecessary luxury.

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 personal needs, both in the summer and winter seasons.



FLEXI TYPE UNIT WITH FLEXIBLE SOLUTIONS

- » **Can fit on either ceiling or lower wall**
- » **Night set mode**
- » **Home leave operation**

» **Can fit on either ceiling or lower wall**

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 FOR EVERY HOME AND EVERY ROOM

> **Vertical 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.

> **Powerful operation**

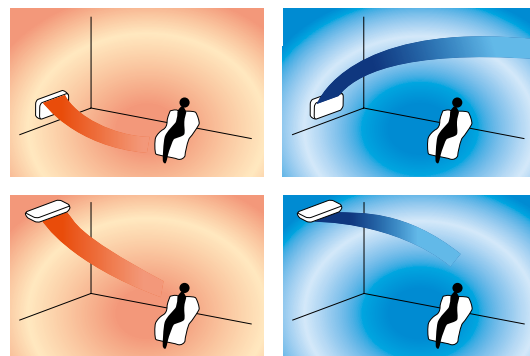
The 'powerful operation' activates the maximum air volume for 20 minutes, for example when you come home on a hot day and want to cool down the room quickly. After this, the air conditioner automatically returns to its original setting.

» **Night set mode**

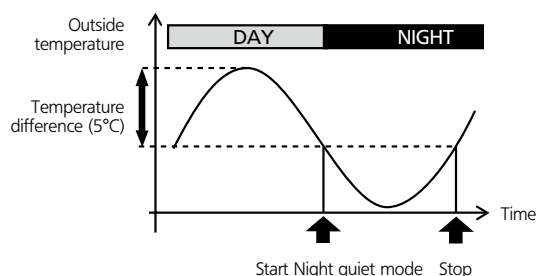
When you press the timer button 'OFF', the air conditioner will automatically set the temperature - an increase of 0.5°C when cooling and a decrease of 2°C when heating - to prevent the room from rapidly cooling or heating so that you sleep more comfortably.

> **Silent function and night quiet mode**

With a sound level ranging from 28 dB(A), the indoor unit is exceptionally quiet. The outdoor unit's silent function allows you to reduce sound emissions by 3 dB(A). In night quiet mode, the sound level of the multi-split outdoor unit is automatically reduced by 3 dB(A).



Vertical auto swing and wide angle louvers



FLEXIBLE INSTALLATION, EASY CONTROL

> 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)
ARC 433 A6



LOW ENERGY CONSUMPTION, BIG SAVINGS

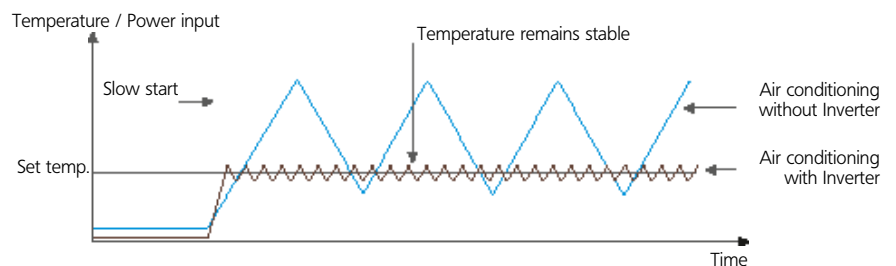
> **A** Energy label: up to class A

> 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:



» 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.





CAPACITY AND POWER INPUT

HEATING & COOLING				FLXS25B	FLXS35B	FLXS50B	FLXS60B
				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	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.	
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		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	8	9
Heating & cooling	FLXS25B	•	•	•	•	•	•	•	•	•	•
	FLXS35B	•	•	•	•	•	•	•	•	•	•
	FLXS50B	•	•	•	•	•	•	•	•	•	•
	FLXS60B	•	•	•	•	•	•	•	•	•	•
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. Pl cooling	kW	1.35	1.73	2.25	3.33	2.95	3.56	4.01	3.50	5.09	5.40
Max. Pl 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

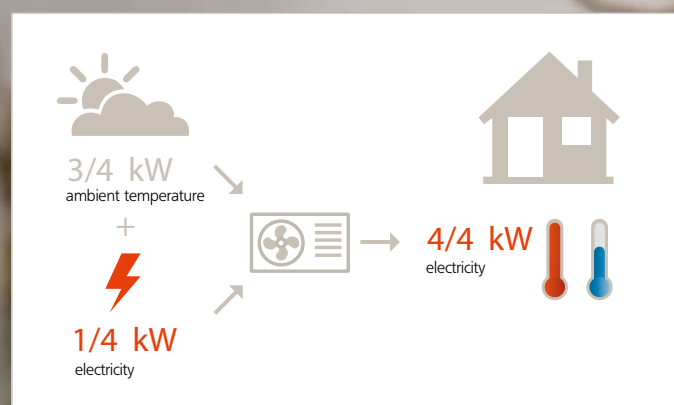
(5) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted D (20,25,35,50 class)/E (60,71 class) series

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

HEATING & COOLING				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						



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

HEATING & COOLING				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	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	

ACCESSORIES: CONTROL SYSTEMS

INDOOR UNITS		FLXS25B	FLXS35B	FLXS50B	FLXS60B
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	FLXS25B	FLXS35B	FLXS50B	FLXS60B
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	RXS25G	RXS35G	RXS50G
Air direction adjustment grille		KPW937AA4	KPW945AA
Drain plug*		KPW937AA4	

* standard accessory (only for heat pump models)

Height	490 mm
Width	1,050 mm
Depth	200 mm



Indoor Unit
FLXS-B

Height	735 mm
Width	825 mm
Depth	300 mm



Outdoor Unit
RXS50G



A DAIKIN AIR
CONDITIONING
SYSTEM CREATES
THE MOST IDEAL HOME
CLIMATE, FREE OF
DRAFTS AND NOISE
NUISANCE....



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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