



Air Conditioners

Heating & Cooling

Flexi Type Unit

- » Heat pump system
- » Inverter technology
- » Flexible installation:
lower wall or ceiling
suspended
- » Low energy
consumption
during absence and
night time
- » As silent
as rustling leaves



www.daikin.eu



FLXS-B





A flexible solution for every home & every room

Thanks to Daikin, a comfortable living climate is available to everyone the whole year through. This flexi type unit offers flexible solutions as either lower floor or ceiling suspended installation is possible.

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.

The indoor unit can be used in pair application, combining one indoor unit to one outdoor unit, or multi application, combining up to nine indoor units to one outdoor unit.

Combining highest efficiency and year-round comfort with a heat pump system



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 run the system, but increasingly this electricity can also be generated from renewable energy sources (solar energy, wind energy, hydropower, biomass). A heat pump's efficiency is measured in COP (Coefficient Of Performance) for heating and EER (Energy Efficiency Ratio) for cooling.

* EU objective COM (2008)/30

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:

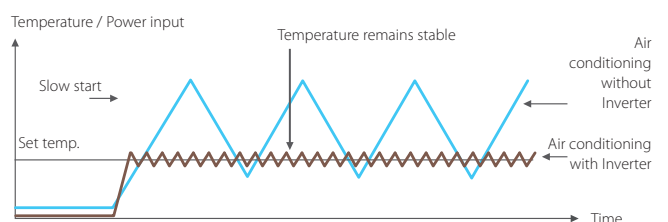
► Comfort

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.

► Energy efficient

Because an inverter monitors and adjusts ambient temperature whenever needed, energy consumption drops by 30% compared to a traditional on/off system! (non inverter)

Heating operation:





Comfort for every home and every room

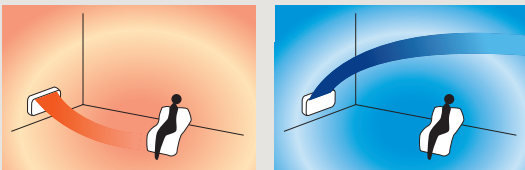
► Flexi type unit with flexible solutions

It's the perfect choice for rooms without false ceilings as it allows either ceiling suspended or lower wall installation. Ceiling suspended installation frees up wall and floor space, while lower wall installation is possible without loss of warm air.

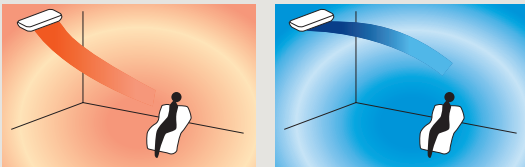
► Combining a comfortable feeling and energy saving solutions

1. Horizontal auto swing: this unit allows to select the horizontal auto swing ensuring the even distribution of air and a homogeneous temperature in the room.

Lower wall installation

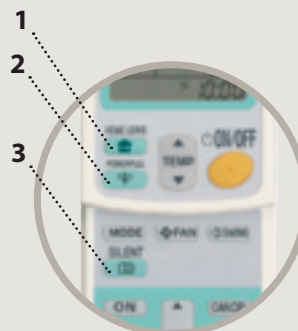


Ceiling suspended installation



2. Saving energy, by preventing overcooling or overheating during night time by using the **night set mode**.
3. When pushing the **home leave button (1)** on the infrared remote control, the indoor temperature drops to a preset temperature level when you're out or sleeping. If you return and push the button again, the indoor temperature returns quickly to its original set temperature.

4. When **powerful operation (2)** is enabled, you can rapidly heat up or cool down the room during 20 minutes. After this, the unit returns to its original setting.
5. **Whisper quiet operation:** the sound of the indoor units is that low that it can be compared to rustling leaves. (28dBA for FLXS25B)
6. By pushing the **outdoor unit silent operation (3)**, the outdoor unit will lower their sound emissions by 3dBA.
7. In **night quiet mode**, the sound level of the multi model outdoor unit is automatically reduced by 3dBA (only for cooling only mode).



Infrared remote control (Standard) ARC433A6

Heating & Cooling

INDOOR UNITS				FLXS25B	FLXS35B	FLXS50B	FLXS60B
Capacity	cooling	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	min~nom~max	kW	1.2~3.4~4.5	1.2~4.0~5.0	0.9~6.1~7.5	
Power input	cooling	min~nom~max	kW	0.30~0.65~0.86	0.30~1.13~1.26	0.45~1.72~1.95	
	heating	min~nom~max	kW	0.29~0.98~1.49	0.29~1.23~1.85	0.31~1.82~3.54	
EER	cooling			3.85	3.10	2.85	
COP	heating			3.47	3.25	3.35	
Energy label	cooling			A	B	C	
	heating			B	C		
Annual energy consumption			kWh	325	565	860	
Dimensions	HeightxWidthxDepth		mm	490x1,050x200			
Weight			kg	16	17	17	
Front panel colour	Almond white						
Air flow rate	cooling	H/M/L/SL	m ³ /min	7.6/6.8/6.0/5.2	8.6/7.6/6.6/5.6	11.4/10.0/8.5/7.5	12.0/10.7/9.3/8.3
	heating	H/M/L/SL	m ³ /min	9.2/8.3/7.4/6.6	9.8/8.9/8.0/7.2	12.1/9.8/7.5/6.8	12.8/10.6/8.4/7.5
Sound pressure level	cooling	H/M/L/SL	dBA	37/34/31/28	38/35/32/29	47/43/39/36	48/45/41/39
	heating	H/M/L/SL	dBA	37/34/31/29	39/36/33/30	46/41/35/33	47/42/37/34
Sound power level	cooling		dBA	53	54	63	64
	heating		dBA	53	55	62	63
Power supply	1~/220-240V/50Hz						
Remote control	infrared		dBA	ARC433A5			

OUTDOOR UNITS				RXS25G	RXS35G	RXS50G	
Dimensions	HeightxWidthxDepth		mm	550 x 765 x 285		735x825x300	
Weight			kg	34		48	
Compressor			type	Hermetically sealed swing			
Sound power	cooling		dBA	61	63	62	
	heating		dBA	62	63	62	
Refrigerant			type	R-410A			
Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)			
Operation range	cooling	min~max	°CDB	-10~46			
	heating	min~max	°CWB	-15~20		-15~18	
Piping connections	liquid		mm	ø6.35			
	gas		mm	ø9.52		ø12.7	
	drain		ID mm	ø18.0			
Sound pressure	cooling	H/SL	dBA	46/43	48/44		
	heating	H/SL	dBA	47/44	48/45		
Maximum piping length			m	20		30	
Maximum level difference			m	15		20	
Power supply	1~/220-240V/50Hz						

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) - 3) V1 = 1= 220-240V, 50Hz - 4) Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB • outdoor temperature 35°CDB/24°CWB • refrigerant piping length 5m • level difference 0m - 5) Nominal heating capacities are based on: indoor temperature 20°CDB • outdoor temperature 7°CDB/6°CWB • refrigerant piping length 5m • level difference 0m - 6) Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat. 7) Units should be selected on nominal capacity. Max. capacity is limited to peak periods - 8) The sound pressure level is measured via a microphone placed at a certain distance from the unit (for measuring conditions: please refer to the technical data books) - 9) The sound power level is an absolute value indicating the "power" which a sound source generates.



Indoor unit
FLXS25,35,50,60B



Infrared remote control
ARC433A5



Outdoor unit
RXS50G



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.



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