DAIKIN

Air Conditioners

Heating & Cooling

Flexi Type Unit

www.daikin.eu

- 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

INVERTER

FLXS-B

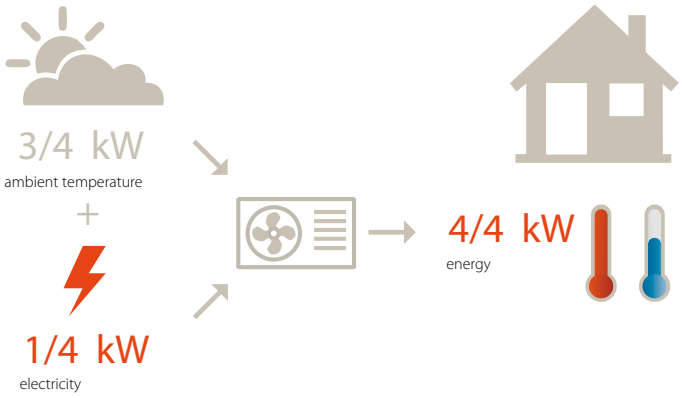
A flexible solution for every home & every room

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 heat pumps 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 conditioners, also known as heat pumps, obtain 75% of their output energy from renewable sources: the ambient air, which is both renewable and inexhaustible*. Of course, heat pumps also require 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

Daikin's inverter technology is a true innovation in the field 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:

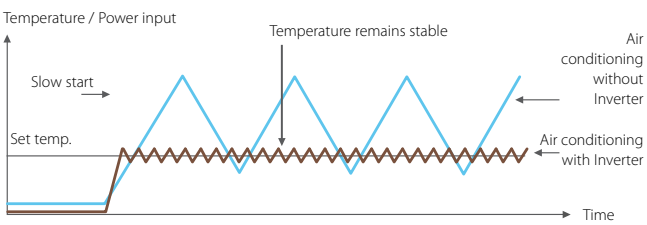
Comfort

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 thus improving comfort levels. The inverter reduces system start-up time enabling the required room temperature to be reached more quickly. As soon as the correct 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, day and night

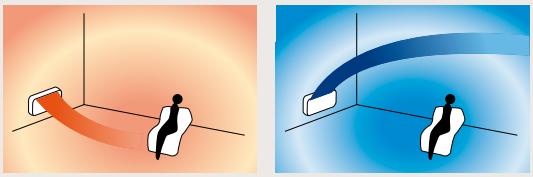
Flexi type unit with flexible solutions

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

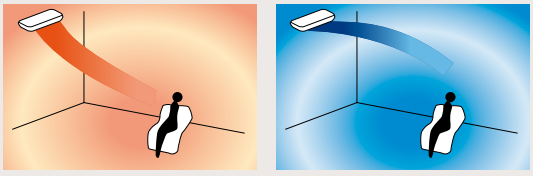
Combining a comfortable feeling and energy saving solutions

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.

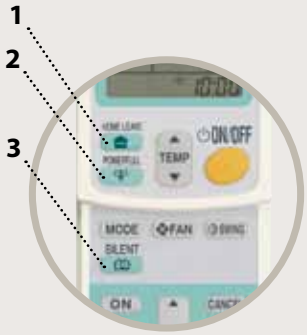
Lower wall installation



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. (down to 28dBA)
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 unit				FLXS25B	FLXS35B	FLXS50B
Cooling capacity	Min./Nom./Max.		kW	1.2/2.5 (3)/3.0	1.2/3.5 (3)/3.8	0.9/4.9 (3)/5.3
Heating capacity	Min./Nom./Max.		kW	1.2/3.4 (4)/4.5	1.4/4.0 (4)/5.0	0.9/6.1 (4)/7.5
Power input	Cooling	Min./Nom./Max.	kW	0.300/0.650/0.860	0.300/1.130/1.260	0.450/1.720/1.950
	Heating	Min./Nom./Max.	kW	0.290/0.980/1.490	0.290/1.230/1.850	0.310/1.820/3.540
EER				3.85	3.10	2.85
COP				3.47	3.25	3.35
Annual energy consumption			kWh	325	565	860
Energy label	Cooling/Heating			A/B	B/C	C/C
Casing	Colour			Almond white		
Dimensions	Unit	HeightxWidthxDepth	mm	490x1,050x200		
Weight	Unit		kg	16		17
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	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
	Heating	High/Nom./Low/Silent operation	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
Sound power level	Cooling	High	dBA	53	54	63
	Heating	High	dBA	53	55	62
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	37/34/31/28	38/35/32/29	47/43/39/36
	Heating	High/Nom./Low/Silent operation	dBA	37/34/31/29	39/36/33/30	46/41/35/33
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52		12.7
	Drain	OD	mm	18.0		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230		

(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) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m (5) 220V (6) 230V (7) 240V (8) Sound values are measured in an anechoic room. (9) Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings. (10) The sound power level is an absolute value indicating the power which a sound source generates.

Outdoor unit					RXS25J	RXS35J	RXS50J
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x825x300
Weight	Unit			kg	34		48
Sound power level	Cooling	High		dBA	61	63	
Sound pressure level	Cooling	High/Silent operation		dBA	46/43	48/44	
	Heating	High/Silent operation		dBA	47/44	48/45	
Compressor	Type				Hermetically sealed swing compressor		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		
Refrigerant	Type				R-410A		
Piping connections	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m	15		20
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Indoor unit
FLXS25,35,50,60B

Infrared remote control
ARC433A5

Outdoor unit
RXS50G

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.

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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.

FSC

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