



Air Conditioners

Heating & Cooling

Floor Standing Unit

- » **Ideal for installation beneath a window**
- » **Flexible installation**
- » **As silent as rustling leaves**
- » **Constant comfort throughout the room**



www.daikin.eu



FVXS-F



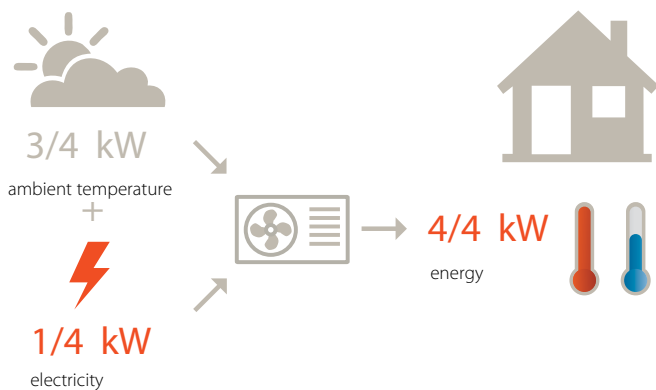


The ideal temperature and air quality for each season

The Daikin floor standing unit for home use has a contemporary design, extremely quiet in operation, energy-efficient and creates a very comfortable climate in the living room, kitchen or bedroom - day and night, the whole year round.

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 ...

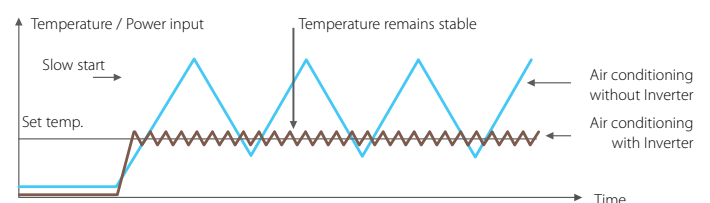
Air-to-air heat pumps obtain 75% of their output energy from a renewable source: the ambient air, which is both renewable and inexhaustible. Of course, heat pumps also require electricity to run the system, but increasingly this electricity can also be generated from renewable energy sources (solar energy, wind energy, hydropower, biomass). A heat pump's efficiency is measured in SCOP (Seasonal Coefficient Of Performance) for heating and SEER (Seasonal Energy Efficiency Ratio) for cooling.

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:



Europe's new energy label: raising the bar on energy efficiency

To realise its challenging 20-20-20 environmental goals, Europe is imposing minimum efficiency requirements for energy related projects. These minimum requirements come into effect on 1 January 2013, and will be revised upward in subsequent years.

Not only does the Eco-Design Directive systematically raise the minimum requirements with respect to environmental performance, the method used to measure this performance has also been changed to better reflect real-life conditions. The new seasonal performance rating provides a much more accurate picture of actual expected energy efficiency over an entire heating or cooling season.

Completing the picture is a new energy label for EU. The present label, introduced in 1992 and modified in the meantime, allows consumers to compare and make purchasing decisions based on uniform labelling criteria. The new label includes multiple classifications from A+++ to G reflected in colour shadings ranging from dark green (most energy efficient) to red (least efficient). Information on the new label includes not only the new seasonal efficiency ratings for heating (SCOP) and cooling (SEER), but also annual energy consumption and sound levels. It will allow end-users to make even better informed choices, since seasonal efficiency reflects air conditioner or heat pump efficiency over an entire season.



Comfort for every home and every room, day and night

► Ultra-efficient home heating comfort



Online controller: (option KKR01A) Control your indoor unit from any location via app or internet.



When selecting the energy saving function **ECONO mode** the power consumption decreases so that other appliances that need large power consumption can be used.



Night set mode: saves energy, by preventing overheating or overcooling during night time.

► Unique comfort functions for an ideal indoor climate

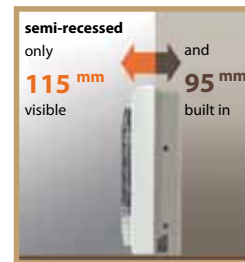
- > **Whisper quiet operation:** the sound of the indoor units is that low (down to 23dBA) that it can be compared to rustling leaves.
- > In **night quiet mode**, the sound level of the multi model outdoor unit is automatically reduced by 3dBA (only for cooling only mode).
- > The **vertical auto swing** system provides consistent air and temperature distribution in the room. During heating operation, your feet stay warm and the temperature throughout the room is even.



Heating operation

► Flexible to install, easy to use

Can be installed hanging low on the wall and standing on the floor or can be built in partly without any loss in capacity.



- > Dust, odours are trapped by the **titanium apatite photocatalytic air purification filter** but also bacteria and viruses are decomposed in order to provide you a cleaner air.
- > The **infrared remote control** 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 copy very quickly any day's programme to one or more other days.



Infrared remote control (Standard) ARC452A1

- > When **powerful operation** is enabled, you can rapidly heat up or cool down the room during 20 minutes. After this the unit returns to its original setting.

Heating & Cooling

INDOOR UNIT			FVXS25F	FVXS35F	FVXS50F	
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	1.4/5.8/8.1	
Seasonal efficiency (according to EN14825)	Cooling	Energy label	B			
		Pdesign	2.50	3.50	5.00	
		SEER	4.71	4.93	5.53	
		Annual energy consumption	kWh	186	248	317
	Heating (Average climate)	Energy label	A			
		Pdesign	2.60	2.90	4.80	
		SCOP	4.38	3.83	3.62	
		Annual energy consumption	kWh	830	1,060	1,853
	Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		4.39	3.43	3.23
		COP		4.30	3.69	3.63
Annual energy consumption		kWh	285	510	775	
Energy label		Cooling/Heating	A/A			
Casing	Colour		White			
Dimensions	Unit	HeightxWidthxDepth	mm			
Weight	Unit		kg			
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m ³ /min	8.2/6.5/4.8/4.1	8.5/6.7/4.9/4.5	10.7/9.2/7.8/6.6
	Heating	High/Nom./Low/Silent operation	m ³ /min	8.8/6.9/5.0/4.4	9.4/7.3/5.2/4.7	11.8/10.1/8.5/7.1
Sound power level	Cooling	High/Nom.	dB(A)	-54	55/-	56/-
	Heating	High/Nom.	dB(A)	-54	55/-	57/-
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dB(A)	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/Silent operation	dB(A)	38/32/26/23	39/33/27/24	45/40/36/32
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.5		
	Drain	OD	mm	20		
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50 / 220-240			

OUTDOOR UNIT			RXS25K	RXS35K	RXS50K	
Dimensions	Unit	HeightxWidthxDepth	mm			
Weight	Unit		kg			
Fan - Air flow rate	Cooling	High/Low	m ³ /min	33.5/30.1	36/30	50.9/48.9
	Heating	High/Low	m ³ /min	28.3/25.6	28.3/25.6	45/43.1
Sound power level	Cooling	High	dB(A)	61	-63	-63
Sound pressure level	Cooling	High/Low/Silent operation	dB(A)	46/-/43	48/-/44	48/-/44
	Heating	High/Low/Silent operation	dB(A)	47/-/44	48/-/45	48/-/45
Operation range	Cooling	Ambient	Min.~Max. °CDB	-10~46	-10~46	-10~46
	Heating	Ambient	Min.~Max. °CWB	-15~18	-15~18	-15~18
Refrigerant	Type/GWP		R-410A/1,975			
Piping connections	Piping length	OU - IU	Max.	m		
	Level difference	IU - OU	Max.	m		
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA)	A	10			

(1) EER/COP according to Eurovent 2012



Indoor unit
FVXS25,35,50F



Infrared remote control
ARC452A1



Outdoor unit
RXS50K



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. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP), Fan coil units (FCU) and Air handling units (AHU). Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

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