

Cooling Only

INDOOR UNITS				FVXS25F	FVXS35F	FVXS50 F
Capacity	cooling	min~nom~max	kW	1.3~2.5~3.0	1.4~3.5~3.8	1.4~5.0~5.6
Power input	cooling	min~nom~max	kW	0.300~0.570~0.920	0.300~1.020~1.250	0.310~1.220~1.880
EER	cooling			4.39	3.43	3.23
Energy label	cooling				A	
Annual energy consumption	cooling		kWh	285	510	775
Dimensions	HeightxWidthxDepth		mm		600x700x210	
Weight			kg		14	
Front panel colour					White	
Air flow rate	cooling	H/M/L/SL	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
Sound pressure level	cooling	H/M/L/SL	dB(A)	38 / 32 / 26 / 23	39 / 33 / 27 / 24	44 / 40 / 36 / 32
Sound power level	cooling		dB(A)	54	55	56
Power supply					1~/220-240V/50Hz	
Remote control	infrared				ARC452A1	

OUTDOOR UNITS				RKS25G	RKS35G	RKS50G
Dimensions	HeightxWidthxDepth		mm	550x765x285		735x825x300
Weight			kg	34		47
Operation range	cooling	min~max	°CDB		-10~46	
Sound power	cooling	H	dB(A)	61	63	62
Sound pressure	cooling	H/SL	dB(A)	46/43		48/44
Compressor			type	Hermetically sealed swing		
Refrigerant			type	R-410A		
Additional refrigerant charge			kg/m	0.02 (for piping lenght exceeding 10m)		
Piping connections	liquid		mm		ø 6.4	
	gas		mm	ø 9.5		ø 12.7
	drain		ID mm		ø 20.0	
Maximum piping length			m	20		30
Maximum level difference			m	15		20
Power supply				1~/230V/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~, 230V, 50Hz - 4) Nominal cooling capacities are based on: indoor temperature 27°CDB / 19°CWB - outdoor temperature 35°CDB/24°CWB - refrigerant piping length 5 m - level difference 0m - 5) Capacities are net, including deduction for cooling for indoor fan motor heat - 6) Units should be selected on nominal capacity. Max. capacity is limited to peak periods - 7) The sound pressure level is measured via a microphone at a certain distance from the unit (for measuring conditions: please refer to the technical databooks) - 8) The sound power is an absolute value indicating the "power" which a sound source generates.



Indoor unit
FVXS25-35-50F



Infrared remote control
ARC452A1



Outdoor unit
RKS50G





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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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

ECPEN10-059

Daikin products are distributed by:



Air Conditioners

Heating & Cooling

Floor Standing Unit

FULL RANGE
A CLASS
ENERGY LABEL

- » **Comfortable heating system**
- » **Inverter technology**
- » **Same comfort feeling throughout the room**
- » **Flexible installation**
- » **As silent as rustling leaves**



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FVXS-F

INVERTER

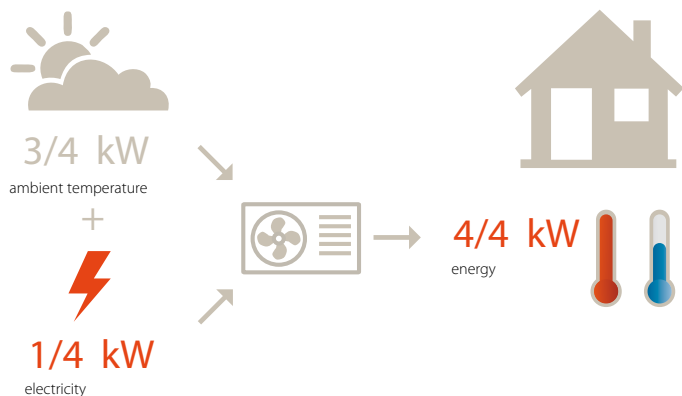


The ideal temperature and air quality for each season

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 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. FVXS25F units achieve a COP of up to 4.30!

* 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:

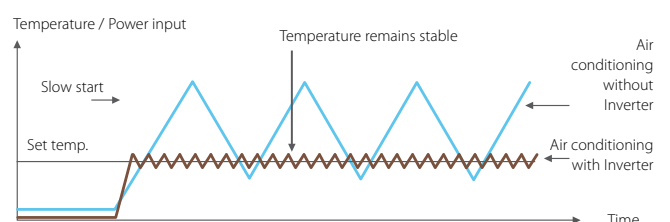
► Comfort

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

► Ultra-efficient home heating comfort



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.

► 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.



► Unique comfort functions for an ideal indoor climate

- > **Whisper quiet operation:** the sound of the indoor units is that low 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

- > 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 UNITS				FVXS25F	FVXS35F	FVXS50 F
Capacity	cooling	min~nom~max	kW	1.3~2.5~3.0	1.4~3.5~3.8	1.4~5.0~5.6
	heating	min~nom~max	kW	1.3~3.4~4.5	1.4~4.5~5.0	1.4~5.8~8.1
Power input	cooling	min~nom~max	kW	0.30~0.57~0.92	0.30~1.02~1.25	0.50~1.55~2.00
	heating	min~nom~max	kW	0.29~0.79~1.39	0.31~1.22~1.88	0.50~1.60~2.60
EER	cooling			4.39	3.43	3.23
COP	heating			4.30	3.69	3.63
Energy label	cooling				A	
	heating				A	
Annual energy consumption	cooling		kWh	285	510	775
Dimensions	HeightxWidthxDepth		mm	600x700x210		
Weight			kg	14		
Front panel colour				White		
Air flow rate	cooling	H/M/L/SL	m³/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	H/M/L/SL	m³/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 pressure level	cooling	H/M/L/SL	dBA	38 / 32 / 26 / 23	39 / 33 / 27 / 24	44 / 40 / 36 / 32
	heating	H/M/L/SL	dBA	38 / 32 / 26 / 23	39 / 33 / 27 / 24	45 / 40 / 36 / 32
Sound power level	cooling		dBA	54	55	56
	heating		dBA	54	55	57
Power supply				1~/220-240V/50Hz		
Remote control	infrared			ARC452A1		

OUTDOOR UNITS				RXS25G	RXS35G	RXS50G
Dimensions	HeightxWidthxDepth		mm	550x765x285		735x825x300
Weight			kg	34		48
Operation range	cooling	min~max	°CDB	-10~46		
	heating	min~max	°CWB	-15~20		-15~18
Sound power	cooling	H	dBA	61	63	62
	heating	H	dBA	62	63	62
Sound pressure	cooling	H/SL	dBA	46 / 43	48 / 44	
	heating	H/SL	dBA	47 / 44	48 / 45	
Compressor			type	Hermetically sealed swing		
Refrigerant			type	R-410A		
Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
Piping connections	liquid		mm	ø 6.35		
	gas		mm	ø 9.52		ø 12.7
	drain		ID mm	ø 20.0		
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 5 m - level difference 0m - 5) Nominal heating capacities are based on: indoor temperature 20°CDB - outdoor temperature 7°CDB / 6°CWB - refrigerant piping length 5 m - level difference 0m - 6) Capacities are net, including 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 at a certain distance from the unit (for measuring conditions: please refer to the technical databooks) - 9) The sound power is an absolute value indicating the "power" which a sound source generates.



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