Cooling Only

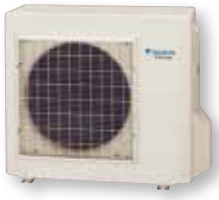
INDOOR UNITS				FDKS25E	FDKS35E	FDKS50C	FDKS60C
Capacity	cooling	min~nom~max	kW	1.3~2.4~3.0	1.4~3.4~3.8	1.7~5.0~5.3	1.7~6.0~6.5
Power input	cooling	min~nom~max	kW	-~0.69~-	- ~1.09~-	-~1.65~-	0.44~2.13~2.49
EER	cooling			3.48	3.12	3.03	2.82
Energy label	cooling			A	B		C
Annual energy consumption	cooling		kWh	345	545	825	1,065
Dimensions	HeightxWidthxDepth		mm	200x700x620		200x900x620	200x1,100x620
Weight			kg	21		27	30
Casing material				Galvanised steel plate			
Air flow rate	cooling	H/M/L/SL	m^3/min	8.7/8.0/7.3/6.2	8.7/8.0/7.3/6.2	12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
External static pressure			Pa	30		40	
Sound pressure level	cooling	H/M/L/SL	dBA	35/33/31/29	35/33/31/29	37/35/33/31	38/36/34/32
Sound power level	cooling		dBA	53		55	56
Power supply				1~/220-240V/50Hz			
Remote control	infrared			ARC433B76		ARC433A8	ARC433B69

OUTDOOR UNITS				RKS25G	RKS35G	RKS50G	RKS60F
Dimensions	HeightxWidthxDepth		mm	550x765x285		735x825x300	
Weight			kg	34		48	
Operation range	cooling	min~max	°CDB	-10~46			
Sound power	cooling	H	dBA	61	63	62	63
Sound pressure	cooling	H/SL	dBA	46/43	48/44		49/46
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	ø6.35			
	gas		mm	ø9.52		ø12.7	
	drain (VP20)		ID mm	ø20.0			
			OD mm	ø26.0			
Maximum piping length			m	20		30	
Maximum level difference			m	15		20	
Power supply				1~/230V/50Hz			

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) - 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 5m - 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
FDKS50,60C

Infrared remote control
ARC433B69



Outdoor unit
RKS50G

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.

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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DAIKIN

Air Conditioners

Heating & Cooling

Slim Concealed Ceiling Unit

www.daikin.eu

- Heat pump system
- Inverter technology
- Discretely concealed in the ceiling
- Low energy consumption during absence and night time
- As silent as rustling leaves

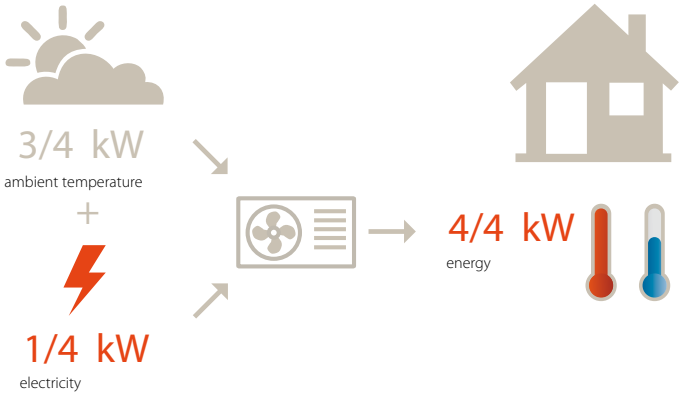
INVERTER

FDXS-E/C

Highest comfort solution, the whole year through

The quality air conditioning from Daikin allows you to adjust the temperature and air humidity to a level that makes you feel good. These slim units are discretely concealed in the ceiling. Furthermore, high-quality Daikin systems do not only offer the possibility of cooling, they can also provide warmth. That way you can adjust the indoor temperature perfectly to your own personal needs, during every season. 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:

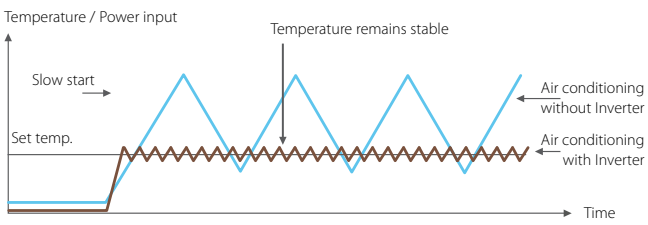
Comfort

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!

Heating operation:



Your air conditioning discretely concealed in the ceiling

This slim unit is installed within the ceiling. It's barely noticeable as only the suction and discharge grilles are visible. Therefore this system blends unobtrusively within any interior décor, leaving maximum floor and wall space.

Combining a comfortable feeling, day and night, and energy saving solutions

Infrared remote control (Standard) ARC433A8

When pushing the **Home Leave button (1)** on the infrared remote control, the indoor temperature drops to a preset level when you're out or sleeping. If you return, automatically the indoor temperature returns quickly to its original set temperature.

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.

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

By pushing the **night quiet mode (multi application only) (3)** and enabling the silent operation, both the indoor (silent operation) and outdoor unit (night quiet mode) will lower their sound emissions by 3dBA.

Whisper quiet operation: the sound of the indoor units is that low that it can be compared to rustling leaves.

Heating & Cooling

INDOOR UNITS				FDXS25E	FDXS35E	FDXS50C	FDXS60C
Capacity	cooling	min~nom~max	kW	1.3~2.4~3.0	1.4~3.4~3.8	1.7~5.0~5.3	1.7~6.0~6.5
	heating	min~nom~max	kW	1.3~3.2~4.5	1.4~4.0~5.0	1.7~5.8~6.0	1.7~7.0~8.0
Power input	cooling	min~nom~max	kW	-~0.69~-	- ~1.09~-	0.44~1.65~1.93	0.44~2.13~2.49
	heating	min~nom~max	kW	-~0.91~-	-~1.18~-	0.40~1.92~2.04	0.40~2.32~3.18
EER	cooling			3.48	3.12	3.03	2.82
COP	heating			3.52	3.39	3.02	3.02
Energy label	cooling			A	B		C
	heating			B	C	D	
Annual energy consumption	cooling		kWh	345	545	825	1,065
Dimensions	HeightxWidthxDepth		mm	200x700x620		200x900x620	200x1,100x620
Weight			kg	21		27	30
Casing material				Galvanised steel plate			
Air flow rate	cooling	H/M/L/SL	m^3/min	8.7/8.0/7.3/6.2	8.7/8.0/7.3/6.2	12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
	heating	H/M/L/SL	m^3/min	8.7/8.0/7.3/6.2	8.7/8.0/7.3/6.2	12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
External static pressure			Pa	30		40	
Sound pressure level	cooling	H/M/L/SL	dBA	35/33/31/29	35/33/31/29	37/35/33/31	38/36/34/32
	heating	H/M/L/SL	dBA	35/33/31/29	35/33/31/29	37/35/33/31	38/36/34/32
Sound power level	cooling		dBA	53		55	56
	heating		dBA	53		55	56
Power supply				1~/220-240V/50Hz			
Remote control	infrared			ARC433A8			ARC433B69

OUTDOOR UNITS				RXS25G	RXS35G	RXS50G	RXS60F
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	63
	heating	H	dBA	62	63	62	63
Sound pressure	cooling	H/SL	dBA	46/43	48/44		49/46
	heating	H/SL	dBA	47/44	48/45		49/46
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	ø6.35			
	gas		mm	ø9.52		ø12.7	
	drain (VP20)		ID mm	ø20.0			
			OD mm	ø26.0			
Maximum piping length			m	20		30	
Maximum level difference			m	15		20	
Power supply				1~/220-240V/50Hz			

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) - 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 - 5) Nominal heating capacities are based on: indoor temperature 20°CDB - outdoor temperature 7°CDB / 6°CWB - refrigerant piping length 5m 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.

Indoor unit
FDXS25,35E

Infrared remote control
ARC433A8

Outdoor unit
RXS50G