



Air Conditioners

# Heating & Cooling

Slim Concealed Ceiling Unit

- » **Compact size**
- » **Discretely concealed in ceiling**
- » **Improved efficiency**
- » **3 Fan speeds**
- » **As silent as rustling leaves**
- » **Heat pump system selection**



[www.daikin.eu](http://www.daikin.eu)



FDXS-F



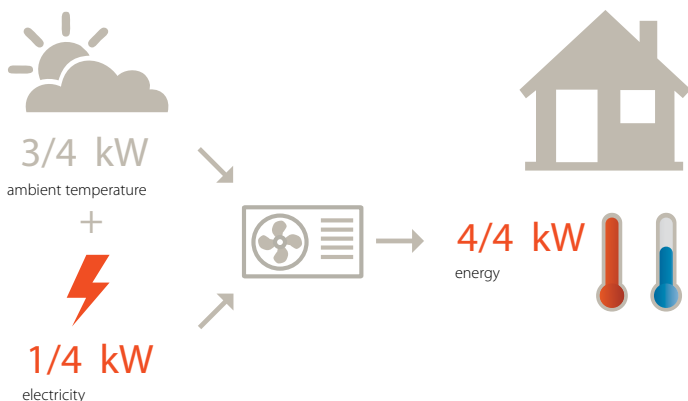


## Highest comfort solution, the whole year through

The quality heat pump 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.

## 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.



## ► Combining a comfortable feeling and energy saving solutions



**Fan only:** the air conditioner can be used as fan, blowing air without cooling or heating.



**Dry programme :** with the special dry programme, the humidity level in the room is reduced without temperature fluctuations.

## ► Built-in intelligence

The infrared remote control is user-friendly and equipped with an on/off timer.



**24 Hour timer :** Timer can be set to start cooling/heating anytime during a 24-hour period.

## ► A source of pure air



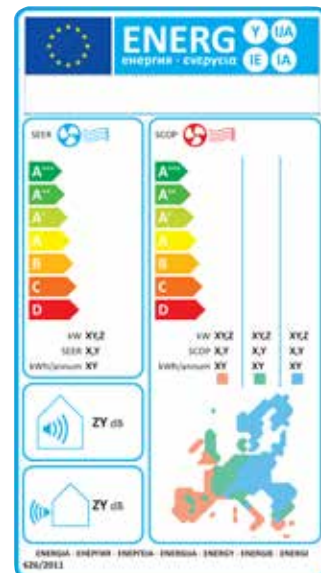
**Air filter :** Removes airborne dust particles to ensure a steady supply of clean air.

# Europe's energy label: raising the bar on energy efficiency.

To realise its challenging 20-20-20 environmental goals (20% reduction in CO<sub>2</sub> emissions, 20% share of renewable energy and a 20% reduction in the use of primary energy), Europe is imposing minimum efficiency requirements for energy related projects. These minimum requirements came into effect on 1 January 2013, and were revised. New, higher targets will be set in 2014.

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 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 an energy label for EU which allows consumers to compare and make purchasing decisions based on uniform labelling criteria. The label includes multiple classifications from A+++ to D reflected in colour shadings ranging from dark green (most energy efficient) to red (least efficient). Information on the 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.



# Heating & Cooling

Indoor unit				FDXS25F	FDXS35F	FDXS50F9	FDXS60F	
Cooling capacity	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 capacity	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	Nom.	kW	0.65	1.06	1.65	2.06	
	Heating	Nom.	kW	0.80	1.15	1.87	2.18	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A+	A	A+	A	
		Pdesign	kW	2.40	3.40	5.00	6.00	
		SEER		5.63	5.21	5.72	5.51	
		Annual energy consumption	kWh	149	228	306	381	
	Heating (Average climate)	Energy label		A+		A		
		Pdesign	kW	2.60	2.90	4.00	4.60	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.69	3.21	3.03	2.91	
	COP			4.00	3.48	3.10	3.21	
Annual energy consumption at 7°/20° nominal load)	Annual energy consumption		kWh	325	530	825	1,030	
	Energy label	Cooling/Heating		A/A	A/B	B/D	C/C	
Dimensions	Unit	HeightxWidthxDepth	mm	200x750x620		200x1,150x620		
Weight	Unit		kg	21		30		
Fan - Air flow rate	Cooling	High/Nom./Low	m³/min	8.7/8.7/7.3		12.0/11.0/10.0		
	Heating	High/Nom./Low	m³/min	8.7/8.0/7.3		16.0/14.8/13.5		
Fan - External static pressure	Nom.		Pa	30		40		
	Cooling		dBA	53		55		
Sound power level	Heating		dBA	53		55		
	Cooling	High/Nom./Low	dBA	35/33/27		38/36/30		
Sound pressure level	Heating	High/Nom./Low	dBA	35/33/27		38/36/30		
	Liquid	OD	mm	6.35				
Piping connections	Gas	OD	mm	9.5		12.7		
	Power supply			Phase / Frequency / Voltage				
			Hz / V				1~ / 50 / 220-240	

Outdoor unit				RXS25L	RXS35L	RXS50L	RXS60L	
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285		735x825x300		
Weight	Unit		kg	34		47		
Fan - Air flow rate	Cooling	High/Super low	m³/min	33.5/30.1		50.9/48.9		
	Heating	High/Super low	m³/min	28.3/25.6		45.0/43.1		
Sound power level	Cooling		dBA	59		62		
	Heating		dBA	59		62		
Sound pressure level	Cooling	High/Low/Silent operation	dBA	46/-/43		48/44/-		
	Heating	High/Low/Silent operation	dBA	47/-/44		48/45/-		
Operation range	Cooling	Ambient	Min.-Max. °CDB	-10~46				
	Heating	Ambient	Min.-Max. °CWB	-15~18				
Refrigerant	Type/GWP			R-410A/1,975				
Piping connections	Piping length	OU - IU	Max. m	-		20		
	Level difference	IU - OU	Max. m	-		15		
Power supply			Phase / Frequency / Voltage				Hz / V	
			1~ / 50 / 220-240					
Current - 50Hz	Maximum fuse amps (MFA)			A		16		
							20	

(1) EER/COP according to Eurovent 2012, for use outside EU only



FDXS-F(9)



BRC1E52A



RXS25-35L

Daikin has a worldwide reputation based on 90 years' experience in the successful manufacture of high quality air conditioning equipment for residential, commercial and industrial use and 56 years as a leader in heat pump technology.

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