

Concealed ceiling unit

FDXS-F(9)



Fan only



Weekly timer

Compact concealed ceiling unit, with a height of only 200mm

› Compact dimensions, can easily be mounted in a ceiling void of only 240mm



- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Low energy consumption thanks to DC fan motor
- › Medium external static pressure up to 40Pa facilitates unit use with flexible ducts of varying lengths



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.

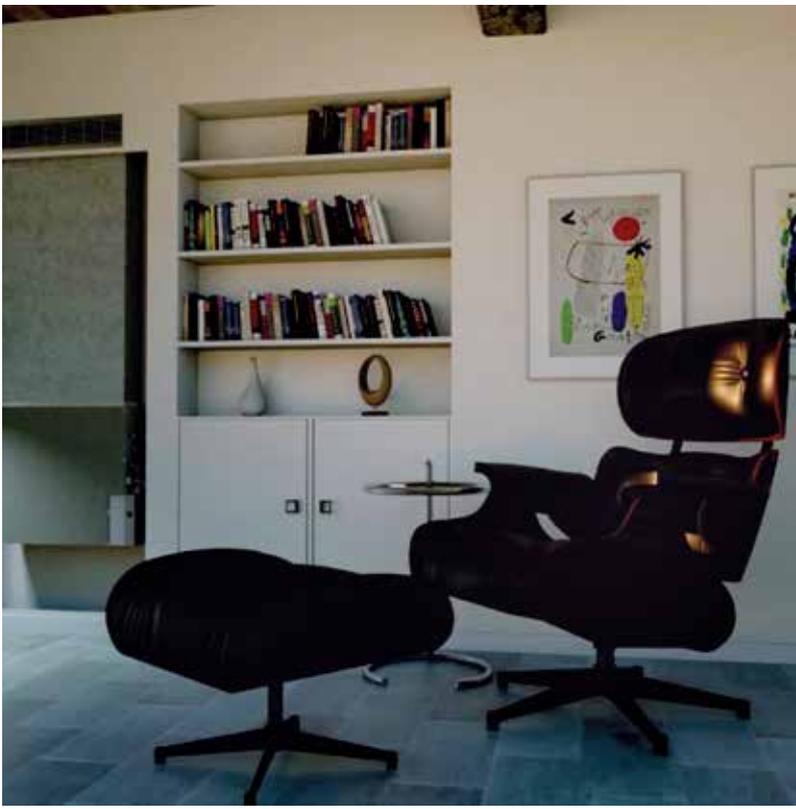
The indoor unit can be used in pair application, combining one indoor unit to one outdoor unit, or multi-application, combining up to nine indoor units.

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.

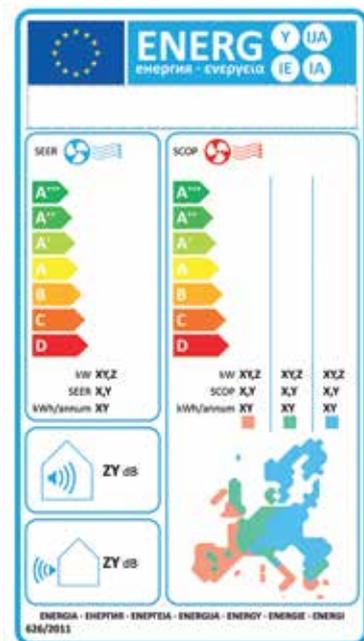
To realise its challenging 20-20-20 environmental goals (20% reduction in CO2 emissions, 20% share of renewable energy and a 20% reduction in the use of primary energy), Europe is imposing minimum efficiency requirements for energy related projects. These minimum requirements came into effect on 1 January 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.



SEASONAL EFFICIENCY
Smart use of energy



FDXS-F(9) + RXS-L(3)



Indoor Model Name		FDXS25F	FDXS35F	FDXS50F9	FDXS60F	
Outdoor Model Name		RXS25L3	RXS35L3	RXS50L	RXS60L	
Cooling Capacity (Min. / Nom. / Max)	kBtu/hr	4.4/8.2/10.2	4.8/11.6/13	5.8/17.1/18.1	5.8/20.5/22.2	
	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)	kBtu/hr	4.4/10.9/15.4	4.8/13.7/17.1	5.8/19.8/20.5	5.8/23.9/27.3	
	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	
Nominal Running Current (Cooling)	A	3.85	5.31	7.1	9.2	
Nominal Running Current (Heating)	A	4.2	5.4	8.3	10	
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
Seasonal efficiency (according to EN14825) Heating (Average climate)	Energy label	A+		A		
	Pdesign	kW	2.60	2.90	4.00	4.60
	SCOP		4.24	3.88	3.93	3.80
	Annual energy consumption	kWh	858	1047	1425	1693
Nominal efficiency	Nominal EER		3.74	2.96	3.03	2.91
	Nominal COP		4.00	3.48	3.10	3.21
Indoor	Power Supply	Ph/Hz/V	1/50/230		1/50/220-240	
	ESP (Nom)	Pa	30		40	
	Air Flow (Nom)	CFM	307		424	565
	Sound Pressure Level (High/Nom./Low)	dB(A)	35/33/27		38/36/30	
	Dimension (HxWxD)	mm	200x750x620		200x1150x620	
	Net Weight	kg	21		30	
Outdoor	Power Supply	Ph/Hz/V	1~/50/220-240			
	Sound Pressure Level	dB(A)	46	48	49	
	Dimension (HxWxD)	mm	550x765x285		735x825x300	
	Net Weight	kg	34		47	
	Operation range - Cooling Ambient Min.~Max.	°CDB	-10~46			
	Operation range - Heating Ambient Min.~Max.	°CWB	-15~18			
	Pipe Connection - Liquid	in	1/4			
	Pipe Connection - Gas	in	3/8		1/2	
	Max. Piping Length	m	20		30	
	Max. Elevation	m	15		20	
	Compressor Type		Hermetic Sealed Swing Compressor			
	Refrigerant Type - GWP		R-410A/2,087.5			
	Refrigerant Charge - Eq. CO ₂ Emissions	kg/TCO ₂ eq	1.0/2.1	1.2/2.5	1.7/3.5	1.5/3.1

EER/COP according to Eurovent 2012, for use outside EU only | Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load. Contains fluorinated greenhouse gases

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