



Alpha Clima Sotiris Karkas

Form.
Function.
Redesigned.



Discover a new world of interior design

Design at its best

"Daikin Emura was designed to perfectly balance technological leadership and the beauty of aerodynamics."

Alexander Schlag,

Managing Director at yellow design gmbh

yellow design gmbh

Alpha Klima Sotiris Karkas



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About Daikin

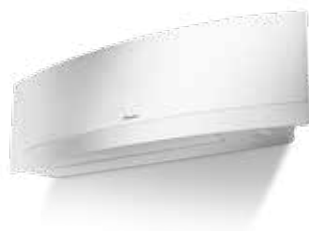
Daikin has a worldwide reputation based on 90 years' experience in the successful manufacture of high quality air conditioning equipment for residential, commercial and industrial use and 56 years as a leader in heat pump technology.

It's all about design

Design is everything. It is in the choice of creating sleek, elegant climate control that looks great. It's also in the choice of smart technology that ensures comfortable interiors at all times.

Designed in Europe for Europe

The Daikin Emura is the result of ongoing research into creating superior air conditioning solutions for European interiors. The first Daikin Emura was released in 2010 and the split system wall-mounted air conditioner redefined the notion of climate control in European interior design. The new generation adds even greater functionality, making it ever more relevant to the European architectural aesthetics, technical standards and user demands.



Award winning design

Daikin Europe N.V. is proud to announce that Daikin Emura has been awarded with Reddot design award 2014, German Design Award - Special mention 2015, Focus Open 2014 Silver and Good Design Award 2014. Daikin Emura was evaluated by an international jury that awards this seal of quality only to products that stand out thanks to its excellent design.



reddot award 2014
winner



German
Design Award
SPECIAL
MENTION 2015



Focus Open 2014
Silver

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Daikin Emura

an icon of contemporary climate control

Daikin Emura once again proves that intelligent design can look great and deliver superior energy efficiency in climate control. So the indoor environment is optimised and architects, engineers and home owners get the ideal solution.

Air-to-air heat pumps extract 80% of their output energy from a surprising renewable source: ambient air, effectively transferring existing heat. High energy efficiency is obtained by using advanced energy-saving technologies such as re-designed swing compressors.





Smart & Efficient

- › Curved front panel
- › Sleek, elegant appearance
- › Smooth operation
- › Intelligent sensors for optimal performance
- › Large flaps as key design element

Features

- › Stylish finish in silver, anthracite or pure matt white

- › High efficiencies with SEER up to



- › Available in R-32 and R-410A

R-32

R-410A

- › Whisper quiet sound levels, down to 19dB(A)
- › Ensures maximum comfort in every situation
- › Wide operating range: -10 to 46°C for cooling and -15 to 20°C for heating
- › Optimised heating range available with operation range down to -25°C in heating
- › Can be controlled remotely



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year round Comfort

Daikin Emura is a highly Intelligent system with innovative features

2-area intelligent eye

The two-area intelligent eye sensor controls comfort in two ways. If the room is empty for 20 minutes, it changes the set point to start saving energy. As soon as someone enters the room, it immediately returns to the original setting. The intelligent eye also directs air flow away from people in the room to avoid cold draughts.



Whisper quiet, down to 19 dB(A)

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3D air flow

To ensure a harmonised temperature throughout the room, the Daikin Emura's 3D air flow system combines vertical and horizontal auto-swing creating an even distribution of air throughout the room to the corners of even large spaces.

Comfort mode

Draught-free operation improves comfort. When cooling, the flap positions itself horizontally to prevent cold airflow from being blown directly onto the body. When heating, the flap turns vertically downwards to drive warm air to the bottom of the room.

Clean air

A sophisticated titanium apatite photocatalytic air purification filter traps even microscopic airborne dust particles, absorbs organic contaminants such as bacteria and viruses and even breaks down odours.

Night set mode

Rapid changes in room temperature can disturb your sleep. To avoid this, Daikin Emura prevents overheating or overcooling during the night. If the timer is switched on, the unit will automatically set the temperature to 0.5°C warmer when cooling and to 2°C cooler when heating.



Always in
Control



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Discover a new world

Easy control from everywhere

The easy-to-use remote control gives you absolute control of the room temperature from wherever you are. Sit back, check the large display and put all of Daikin Emura's built-in intelligence to work through user-friendly buttons.



smart WLAN control/ smart energy saving

The plug-and-play extra WLAN device (see note on page 10) allows you to set and even schedule the temperature from anywhere, using iOS or Android systems. So you can manage the unit when away from home, offering optimal climate control while saving energy.




WLAN control via app

Cooling & heating

R-410A R-32

In the pursuit of greater energy efficiency and reduced environmental impact, Daikin Emura is now available in R-410A and R32 range. Choosing for an R32 product, reduces the global warming potential with 68% compared to R-410A and thanks to its high energy efficiency it leads directly to lower energy consumption.

Efficiency data			FTXJ + RXJ	*20LW/S + 20L	*25LW/S + 25L	*35LW/S + 35L	*50LW/S + 50L
Cooling capacity	Min./Nom./Max.		kW	1.3/2.3/2.8	1.3/2.4/3.0	1.4/3.5/3.8	1.7/4.8/5.3
Heating capacity	Min./Nom./Max.		kW	1.3/2.5/4.3	1.3/3.4/4.5	1.4/4.0/5.0	1.7/5.8/6.5
Power input	Cooling	Nom.	kW	0.5	0.52	0.88	1.36
	Heating	Nom.	kW	0.5	0.77	0.98	1.59
<div></div> Seasonal efficiency (according to EN14825)	Cooling	Energy label		A+++		A++	
		Pdesign	kW	2.30	2.40	3.50	4.80
		SEER		8.58	8.53	7.03	6.70
	Heating (Average climate)	Annual energy consumption	kWh	94	99	175	251
		Energy label		A++		A+	
		Pdesign	kW	2.10	2.70	3.00	4.60
		SCOP		4.60		4.24	
		Annual energy consumption	kWh	639	821	913	1.519

Indoor unit			FTXJ	*20LW/S	*25LW/S	*35LW/S	*50LW/S
Casing	Colour			White/Silver			
Dimensions	Unit	HeightxWidthxDepth	mm	303x998x212			
Weight	Unit		kg	12			
Sound power level	Cooling		dBA	54		59	60
	Heating		dBA	56		59	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/19		45/34/26/20	46/40/35/32
	Heating	High/Nom./Low/Silent operation	dBA	40/34/28/19	41/34/28/19	45/37/29/20	47/41/35/32

Outdoor unit				RXJ	*20L	*25L	*35L	*50L
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285			735x825x300
Weight	Unit			kg	34			47
Sound power level	Cooling			dBA	61		63	
Sound pressure level	Cooling	High/Low		dBA	46/43		48/44	
	Heating	High/Low		dBA	47/44		48/45 48/44	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~20			
Refrigerant	Type/Charge/GWP		kg	R32/0.9/675			R32/1.1/675	

*Note: blue cells contain preliminary data

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load

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Efficiency data		FTXG + RXG	20LW/S + 20L	25LW/S + 25L	35LW/S + 35L	50LW/S + 50L
Cooling capacity	Min./Max.	kW	1.3/2.8	1.3/3.0	1.4/3.8	1.7/5.3
Heating capacity	Min./Max.	kW	1.3/4.3	1.3/4.5	1.4/5.0	1.7/6.5
Power input	Cooling	Min./Nom./Max.	kW	0.32/0.50/0.76	0.32/0.52/0.82	0.35/0.88/1.19
	Heating	Min./Nom./Max.	kW	0.31/0.50/1.12	0.31/0.77/1.32	0.32/0.99/1.49
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A+++		A++	
		Pdesign	kW	2.30	2.40	3.50
		SEER		8.52	8.50	7.00
	Heating (Average climate)	Annual energy consumption	kWh	94	99	175
		Energy label	A++		A+	
		Pdesign	kW	2.10	2.70	3.00
		SCOP		4.60	4.60	4.24
		Annual energy consumption	kWh	639	821	913

Indoor unit		FTXG	20LW/S	25LW/S	35LW/S	50LW/S
Casing	Colour		White/Silver			
Dimensions	Unit	HeightxWidthxDepth	mm			
Weight	Unit		kg			
Air filter	Type		Removable / washable / mildew proof			
Sound power level	Cooling	dBA	54		59	60
	Heating	dBA	56		59	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA		45/34/26/20	46/40/35/32
	Heating	High/Nom./Low/Silent operation	dBA		45/37/29/20	47/41/35/32

Outdoor unit		RXG	20L	25L	35L	50L
Dimensions	Unit	HeightxWidthxDepth	mm			735x825x300
Weight	Unit		kg			48
Sound power level	Cooling	dBA	61		63	
	Heating	dBA	62		63	
Sound pressure level	Cooling	High/Silent operation	dBA		48/44	
	Heating	High/Silent operation	dBA		48/45	48/44
Operation range	Cooling	Ambient Min.~Max. °CDB	-10~46 (3)			
	Heating	Ambient Min.~Max. °CWB	-15~18			
Refrigerant	Type/Charge/GWP		R-410A/1.05/1,975			R-410A/1.6/1,975

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load (3) Operation range in combination with Nexura, FVXG-K, cooling: min. 10°CDB - max. 46°CDB; heating: min. -15°CWB - max. 18°CWB

Multi combination table

Possible Combinations	2MXS40H	2MXS50H	3MXS40K	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E	RXYSQ-P8V1
Maximum number of indoor units	2	2	2	3	3	4	4	5	9
FTXG20LW/S	•	•	•	•	•	•	•	•	•
FTXG25LW/S	•	•	•	•	•	•	•	•	•
FTXG35LW/S	•	•	•	•	•	•	•	•	•
FTXG50LW/S		•		•	•	•	•	•	•

Wireless LAN Connecting Adaptor <BRP069A41> meets all of the following:

a. Generally available to the public by being sold, without restriction, from stock at retail selling points by means of any of the following:

1. Over-the-counter transactions;
2. Mail order transactions;
3. Electronic transactions;
4. Telephone call transactions.

b. The cryptographic functionality cannot easily be changed by the user.

c. Designed for installation by the user without further substantial support by the supplier.

Efficiency data		FTXG + RXLG	25LW/S + 25M	35LW/S + 35M
Cooling capacity	Min./Nom./Max.	kW	1.3/2.5/4.0	1.4/3.5/4.6
Heating capacity	Min./Nom./Max.	kW	1.0/4.4/6.1 / 3.64 (3) / 3.79 (4)	1.0/ 5.1/ 6.7 / 4.22 (3) / 4.36 (4)
Power input	Cooling	Nom.	kW	0.68
	Heating	Nom.	kW	1.02
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A++	
		Pdesign	kW	2.50
		SEER		7.04
	Heating (Average climate)	Annual energy consumption	kWh	124
		Energy label	A++	
		Pdesign	kW	2.50
		SCOP		4.64
		Annual energy consumption	kWh	754

Indoor unit		FTXG	25LW/S	35LW/S
Casing	Colour		White/Silver	
Dimensions	Unit	HeightxWidthxDepth	mm	
Weight	Unit		kg	
Sound power level	Cooling	dBA	54	59
	Heating	dBA	56	59
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/19
	Heating	High/Nom./Low/Silent operation	dBA	41/34/28/19

Outdoor unit		RXLG	*25M	*35M
Dimensions	Unit	HeightxWidthxDepth	mm	
Weight	Unit		kg	
Sound power level	Cooling	dBA	40	
	Heating	dBA	61	
Sound pressure level	Cooling	High/Low	dBA	
	Heating	High/Low	dBA	
Operation range	Cooling	Ambient Min.~Max. °CDB	-10~46	
	Heating	Ambient Min.~Max. °CWB	-25~18	
Refrigerant	Type/GWP		R-410A/1,975	

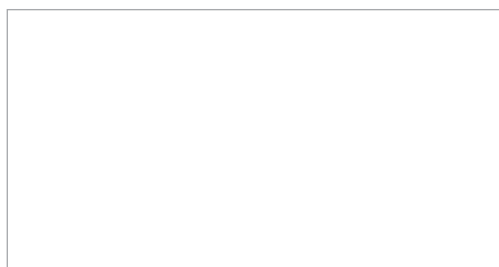
*Note: blue cells contain preliminary data

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load (3) Maximum average heating capacity at -15°C (4) Maximum peak heating capacity at -15°C

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