



FORM.
FUNCTION.
REDEFINED.





IT'S ALL ABOUT DESIGN

Daikin Emura's most obvious asset is its looks.

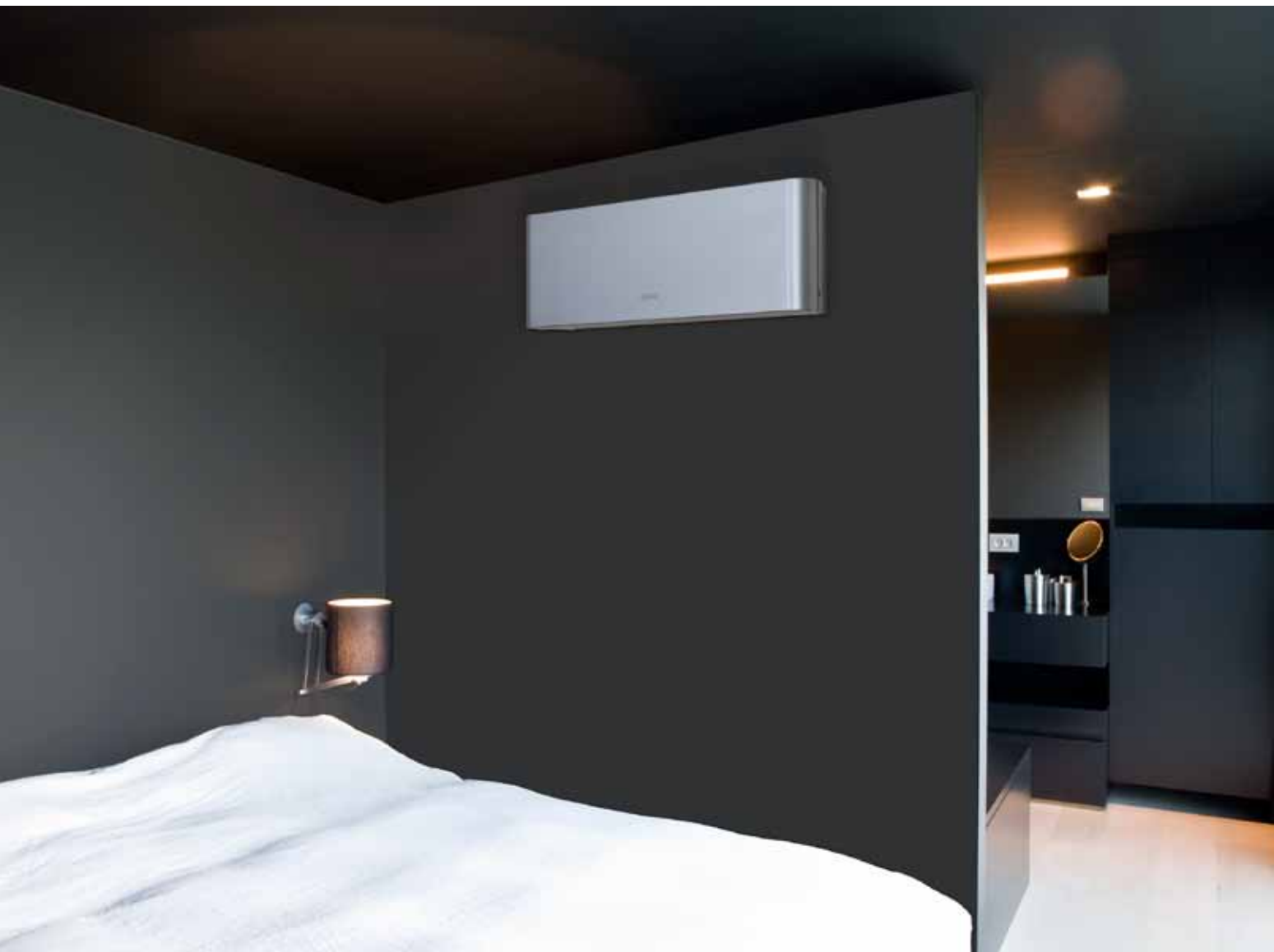
The sober but stylish appearance adds an additional dimension to Daikin's well-known brand values of superior comfort and quality.



iF AWARD

Daikin Europe N.V. is proud to announce that Daikin Emura has been awarded an iF Product Design Award for 2010. For 56 years, the iF product design award has served as an internationally recognized trademark for outstanding design. Daikin Emura was evaluated on a range of criteria including design quality, workmanship, choice of materials, degree of innovation, environmental friendliness, functionality, ergonomics and safety.





DESIGNED IN EUROPE FOR EUROPE

Traditionally Daikin has always designed its products in Japan and made small modifications for the European and overseas markets. However, two years ago sales of split unit air conditioners in Europe reached a level that justified a new European concept. This is the first time that an air conditioning unit has been designed in Europe for the European market, using European technical and design standards.

THE TREND IS EVIDENT THROUGHOUT HISTORY. ITEMS THAT INITIALLY HAVE A PURELY FUNCTIONAL DESIGN ARE GRADUALLY IMPROVED TO INCLUDE AN AESTHETIC ELEMENT THAT FULFILLS OUR NEED FOR ELEGANCE AND SIMPLICITY. DAIKIN EMURA FOLLOWS THIS TREND BY COMBINING AND EVEN REDEFINING FORM AND FUNCTION.



Total comfort all year round

The new Daikin Emura wall mounted air conditioning unit from Daikin is a remarkable blend of iconic design and engineering excellence. It is designed to be mounted high on the wall, for optimum air distribution and whisper-quiet operation.



FEATURES

- › Stylish design in sandblasted aluminium or matt crystal white
- › Energy saving: very high EER, up to 4.46 (energy label 'A')
- › Ensures maximum comfort
- › Sound pressure performance down to 22 dBA
- › Wide operating range: -10 to 46°C for cooling and -15 to 20°C for heating
- › Weekly programmable remote control

Daikin launches a new wall mounted residential air conditioning unit. It achieves latest energy efficiency requirements and follows a new approach: it tries to be as unobtrusive as possible. Only one simple, yet slightly flowing 2-dimensional surface is visible, ventilation is hidden on top or appears very modest when the unit opens gently in use. As a result the unit is not really a household appliance anymore, but like a neutral piece of furniture that blends in with every interior. The unit is available in two finishing versions: matt crystal white and sandblasted aluminium.





INTELLIGENT EYE HELPS SAVE PRECIOUS ENERGY

High-tech functionality and stylish design go hand in hand with Daikin Emura. Pushing the operation button on the remote control causes the front panel and flap to open, revealing one of the unit's energy-saving features: the intelligent eye. This built-in sensor detects the presence of people in the room and automatically switches to energy-saving operation when the room is unoccupied. Another energy-saving feature is the programmable timer. These clever features help Daikin Emura exceed the A-Label for energy efficiency.

OPTIMAL COMFORT AT THE PUSH OF A BUTTON

With the easy-to-use remote control, you can sit back, relax and adapt the room temperature from the comfort of your chair. A large display provides an overview of the unit's operation mode, and user friendly buttons give you easy access to Daikin Emura's built-in intelligence. Want to prevent air from blowing in the direction of your guests? Just press the 'comfort airflow' button.

Want to save energy? Use the system's intelligent eye or set the timer to optimally condition your room for any time of the day or night.



OPTIMUM COMFORT:
CREATED INTELLIGENTLY,
POWERFULLY
AND QUIETLY.

Side view of
Daikin Emura
in operation



A breath of fresh air

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

Whisper quiet operation

The indoor unit distributes air almost inaudibly. The sound produced amounts to barely 22dBA in cooling. For comparison, the ambient sound in a quiet room amounts to 40dBA on average. And we guarantee the outdoor unit won't disturb your neighbours.

Night set mode

To help you sleep more comfortably, Daikin Emura will prevent 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 warming. This prevents rapid changes in room temperature that could disturb your sleep.

Comfort mode

The comfort mode guarantees you draught-free operation. When it cools, the flap is positioned horizontally to prevent cold airflow from being blown directly onto the body. When it heats, the flap turns vertically downwards to take the warm air to the bottom of the room.

Auto swing

To ensure a harmonised temperature throughout the room, the Daikin Emura's vertical auto swing systems automatically make the outflow louvers move up and down, creating an even distribution of air throughout the room.

Powerful operation

If you need to heat or cool the room quickly, for instance when you arrive home on a very hot or cold day, you can use the powerful mode. This activates the maximum air volume for 20 minutes, before automatically returning the unit to its original setting.



FLEXIBLE
INSTALLATION.

EASY
CONTROL.



Outdoor unit

The outdoor unit can be installed on the roof, terrace or against an outside wall. Thanks to a special anti-corrosion treatment of the fan and heat exchanger, the outdoor unit is resistant to acid rain and salt corrosion. A sheet of stainless steel underneath the unit provides additional protection.

Control

The indoor unit is easy to control with the infrared remote control supplied as standard. In the unlikely event of a malfunction in the air conditioner, an error code will be displayed on the remote control screen, enabling the problem to be quickly diagnosed and rectified.

Application

The Daikin Emura indoor unit can be used in a single room set-up, with one indoor unit connected to one outdoor unit, or in a multiple room application with a maximum of nine indoor units connected to one outdoor unit.

HEATING & COOLING

INDOOR UNITS				FTXG25J-S	FTXG25J-W	FTXG35J-S	FTXG35J-W	CTXG50J-S	CTXG50J-W
Capacity	cooling	min~nom~max	kW	1.3/2.5/3.0		1.4/3.5/3.8		For more detailed information about capacities, power input, EER, energy label and annual energy consumption, please refer to our Multi Model catalogue / combination tables or check with your local dealer.	
	heating	min~nom~max	kW	1.3/3.4/4.5		1.4/4.0/5.0			
Power input	cooling	min~nom~max	kW	0.35/0.56/0.82		0.36/0.89/1.22			
	heating	min~nom~max	kW	0.32/0.78/1.32		0.32/0.99/1.50			
EER	cooling			4.46		3.93			
COP	heating			4.36		4.04			
Energy label	cooling			A		A			
	heating			A		A			
Annual energy consumption	cooling		kWh	280		445			
Dimensions	height x width x depth		mm	295x915x155					
Weight			kg	11					
Front panel colour				Sandblasted aluminium	Matt crystal white	Sandblasted aluminium	Matt crystal white	Sandblasted aluminium	Matt crystal white
Air flow rate	cooling	H/M/L/SL	m ³ /min	8.8/6.8/4.7/3.8		10.1/7.3/4.6/3.9		10.5/8.7/6.9/5.9	
	heating	H/M/L/SL	m ³ /min	9.6/7.9/6.2/5.4		10.8/8.6/6.4/5.6		11.4/9.8/8.1/7.1	
Sound pressure level	cooling	H/M/L/SL	dBA	38/32/25/22		42/34/26/23		44/41/35/32	
	heating	H/M/L/SL	dBA	39/34/28/25		42/36/29/26		44/41/35/32	
Sound power level	cooling		dBA	54		58		60	
	heating		dBA	55		58		60	
Power supply				1~ / 220-240V / 50Hz					
Remote control	infrared			ARC466A1					

OUTDOOR UNITS				RXG25J	RXG35J
Dimensions	height x width x depth		mm	550x765x285	
Weight			kg	34	
Compressor			type	Hermetically sealed swing type	
Sound power	cooling		dBA	61	63
	heating		dBA	62	63
Refrigerant			type	R-410A	
Additional refrigerant charge			kg/m	1.05	
Operation range	cooling	min~max	°CDB	-10~46	
	heating	min~max	°CWB	-15~20	
Piping connections	liquid		mm	ø 6.35	
	gas		mm	ø 9.52	
	drain		OD mm	ø 18.0	
Sound pressure	cooling	H/L	dBA	46/43	
	heating	H/L	dBA	47/44	
Maximum piping length			m	20	
Maximum level difference			m	15	
Power supply				1~/220-240V/50Hz	



MULTI COMBINATION TABLE

POSSIBLE COMBINATIONS		2MXS40G* (1)	2MXS50G* (2)	3MXS52E* (3)	3MXS68G* (2)	4MXS68F* (4)	4MXS80E* (5)	5MXS90E* (5)	RMXS112EV*	RMXS140EV*	RMXS160EV*
Maximum number of indoor units		2	2	3	3	4	4	5	6	8	9
	FTXG25J-W	•	•	•	•	•	•	•	•	•	•
	FTXG25J-S	•	•	•	•	•	•	•	•	•	•
	FTXG35J-W	•	•	•	•	•	•	•	•	•	•
	FTXG-35J-S	•	•	•	•	•	•	•	•	•	•
	CTXG50J-W	•	•	•	•	•	•	•	•	•	•
	CTXG50J-S	•	•	•	•	•	•	•	•	•	•
Max. cooling capacity	kW	4.50	5.40	7.30	8.42	8.73	9.60	10.50	11.2	14.0	15.5
Max. heating capacity	kW	4.70	6.30	8.30	10.63	10.68	11.00	11.50	12.5	16.0	17.5
Max. PI cooling	kW	1.35	1.73	2.25	3.33	2.95	3.56	4.01	3.50	5.09	5.40
Max. PI heating	kW	1.18	1.68	2.51	3.30	2.58	3.11	3.46	3.93	5.21	5.43

Note: Grey cells contain preliminary data

Notes:

1 For more detailed information, please consult our multi model/combination tables catalogue or your local dealer

2 (1) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted D,E (20,25,35 class) series - (2) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted G (20,25,35,42,50 class) / F (60 class) series - (3) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted D (20,25,35 class) / E (50 class) series - (4) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted D (20,25,35,50 class) / F (60,71 class) series - (5) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted D (20,25,35,50 class) / E (60,71 class) series

3 * At least two indoor units should be connected to these multi outdoor units



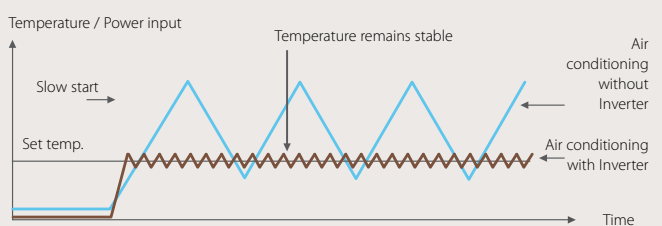
INVERTER TECHNOLOGY

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.

Heating operation:



► Energy efficient

Because an inverter monitors and adjusts ambient temperature whenever needed, energy consumption drops by 30% compared to a traditional on/off system!



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.



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