

DAIKIN
emura



FORM.
FUNCTION.
REDESIGNED.

DISCOVER A NEW WORLD OF INTERIOR DESIGN



"Daikin Emura was created to offer the perfect balance of technological performance and aerodynamic design.."

Alexander Schlag,
Managing Director at yellow design gmbh

yellow design gmbh || | | |

ABOUT DAIKIN

Listed in the Forbes top 100 of the World's Most Innovative Companies, Daikin has a worldwide reputation for innovation, honed over 90 years of creating high quality air conditioning solutions for residential and commercial environments.

IT'S ALL ABOUT DESIGN

DESIGN IS EVERYTHING. IT'S THIS DEVOTION TO DESIGN THAT CREATES TRULY ELEGANT CLIMATE CONTROL; SMART TECHNOLOGY THAT ENSURES THE ULTIMATE IN COMFORT FOR CONTEMPORARY INTERIORS. AND IT'S WHY DAIKIN EMURA IS WINNER OF THE WORLD-RENOWNED 2014 RED DOT AWARD FOR PRODUCT DESIGN.



reddot award 2014
winner



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 this iconic 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 European architectural aesthetics, technical standards and user demands.



Design
AT ITS BEST

THE NEW 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. It ensures the indoor environment is optimised, so architects, engineers and customers get the perfect solution.

Air-to-air heat pumps extract 80% of their output energy by transferring ambient heat from the air around us. Advanced energy-saving technologies, such as re-designed swing compressors, deliver high energy efficiency for optimum performance.

FEATURES

- Stylish finish in silver, anthracite or pure matt white
- Seasonal Energy Efficiency Ratio (SEER) of up to 8.5
- Highest possible energy label **A+++**
- Whisper quiet sound levels, down to 19dB(A)
- Ensures maximum comfort in every situation
- Daikin Emura systems are on the Energy Technology List, so eligible for tax relief.
- Wide operating range: -10 to 46°C for cooling and -15 to 20°C for heating
- Can be controlled remotely



Efficient

& SMART

- Curved front panel
- Sleek, elegant appearance
- Smooth operation
- Intelligent sensors for optimal performance



Comfort
ALL YEAR ROUND





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.

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 louvres creating an even distribution of air throughout the room, even into the corners of large spaces.

Comfort mode

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



Clean air

A sophisticated titanium apatite photo-catalytic air purification filter traps even microscopic airborne dust particles, breaking down odours and absorbing organic contaminants such as bacteria and viruses.

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 warming.



ALWAYS IN
Control

EASY CONTROL FROM ANYWHERE

The easy-to-use remote controller provides absolute control of the room temperature from any location. With a large user-friendly display, the controller can be set up at the touch of a button and connects to the unit via wi-fi.

SMART WI-FI CONTROL/ SMART ENERGY SAVING



The plug-and-play extra wi-fi device allows you to set and even schedule the temperature from anywhere, using the Apple or Android app. So you can manage the unit from any location, ensuring optimal climate control and energy efficiency.

DISCOVER A NEW WORLD



COOLING & HEATING

Indoor unit				FTXG20LW	FTXG20LS	FTXG25LW	FTXG25LS	FTXG35LW	FTXG35LS	FTXG50LW	FTXG50LS
Cooling capacity	Min./Nom./Max.		kW	1.3 /-/2.8		1.3 /-/3.0		1.4 /-/3.8		1.7 /-/5.3	
Heating capacity	Min./Nom./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 /0.501 /0.76		0.32 /0.523 /0.82		0.35 /0.882 /1.19		0.37 /1.360 /1.88	
	Heating	Min./Nom./Max.	kW	0.31 /0.50 /1.12		0.31 /0.769 /1.32		0.32 /0.985 /1.49		0.31 /1.589 /2.49	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A+++				A++			
		Pdesign	kW	2.30		2.40		3.50		4.80	
		SEER		8.52		8.50		7.00		6.70	
		Annual energy consumption	kWh	94		99		175		251	
	Heating (Average climate)	Energy label		A++				A+			
		Pdesign	kW	2.10		2.70		3.00		4.60	
		SCOP		4.60		4.60		4.24		4.24	
		Annual energy consumption	kWh	639		821		913		1,519	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			4.59				3.97		3.53	
	COP			5.00		4.42		4.06		3.65	
	Annual energy consumption	kWh	250		261		441		680		
	Energy label	Cooling/Heating	A/A								
Casing	Colour			White	Silver	White	Silver	White	Silver	White	Silver
Dimensions	Unit	HeightxWidthxDepth	mm	303x998x212							
Weight	Unit		kg	12							
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m³/min	8.9/6.6/4.4/2.6				10.9/7.8/4.8/2.9		10.9/8.9/6.8/3.6	
	Heating	High/Nom./Low/Silent operation	m³/min	10.2/8.4/6.3/3.8		11.0/8.6/6.3/3.8		12.4/9.6/6.9/4.1		12.6/10.5/8.1/5.0	
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	
Piping connections	Liquid	OD	mm	6.35							
	Gas	OD	mm	9.5							
	Drain	OD	mm	18							
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240							

Outdoor unit				RXG20L	RXG20S	RXG25L	RXG25S	RXG35L	RXG35S	RXG50L	RXG50S
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285						735x825x300	
Weight	Unit		kg	35						48	
Fan - Air flow rate	Cooling	High/Super low	m³/min	34.5/31.0				37.0/31.0		49.8/42.6	
	Heating	High/Super low	m³/min	31.1/26.4						44.8/38.3	
Sound power level	Cooling		dBA	61						63	
	Heating		dBA	62						63	
Sound pressure level	Cooling	High/Silent operation	dBA	46/43						48/44	
	Heating	High/Silent operation	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/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							

*Note: EER/COP according to Eurovent 2012, for use outside EU only

MULTI COMBINATIONS

Daikin Emura can be used in multiple combinations:

- Pair combinations
- Multi-combinations: up to five indoor units connected to one outdoor unit
- Up to nine indoor units ,with a longer piping length than the multi-combination, connected to one mini VRV outdoor unit *using a BPMK connection box
- Combined with other residential and commercial indoor units, with a total piping length of up to 250m, connected to a VRV IV Heat Pump *using a BPMK connection box

* For further details please refer to VRV catalogue



DAIKIN EMURA.
NEW GENERATION
AIR CONDITIONING.



DAIKIN

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