

FORM.
FUNCTION.
REDESIGNED.



 **DAIKIN**
emura

DISCOVER A NEW WORLD OF INTERIOR DESIGN /



"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 || | | |

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.



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. 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.

FEATURES

- Stylish finish in silver, anthracite or pure matt white
- SEER up to **A+++**
- 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
- Can be controlled remotely



Efficient

& SMART

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



Comfort
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 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 photo-catalytic 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 warming.



ALWAYS IN
Control

EASY CONTROL FROM EVERYWHERE

The easy-to-use remote unit 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 Apple or Android systems. So you can manage the unit when away from home, offering optimal climate control while saving energy.

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	2.30		2.40		3.50		4.80	
		SEER	8.52		8.50		7.00		6.70	
		Annual energy consumption	94		99		175		251	
	Heating (Average climate)	Energy label	A++				A+			
		Pdesign	2.10		2.70		3.00		4.60	
		SCOP	4.60		4.60		4.24		4.24	
		Annual energy consumption	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		3.53		
	COP	5.00		4.42		4.06		3.65		
	Annual energy consumption	250		261		441		680		
Casing	Colour	White		Silver		White		Silver		
	Unit	303x998x212		303x998x212		303x998x212		303x998x212		
Dimensions	Unit	mm		mm		mm		mm		
Weight	Unit	kg		kg		kg		kg		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	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	10.2/8.4/6.3/3.8		11.0/8.6/6.3/3.8		12.4/9.6/6.9/4.1			
Sound power level	Cooling	dBA	54		59		60			
	Heating	dBA	56		59		60			
Sound pressure level	Cooling	High/Nom./Low/Silent operation	38/32/25/19		45/34/26/20		46/40/35/32			
	Heating	High/Nom./Low/Silent operation	40/34/28/19		41/34/28/19		45/37/29/20			
Piping connections	Liquid	OD	6.35		6.35		6.35			
	Gas	OD	9.5		9.5		9.5			
	Drain	OD	18		18		18			
Power supply	Phase / Frequency / Voltage	Hz / V		1~ / 50 / 220-240		1~ / 50 / 220-240		1~ / 50 / 220-240		

Outdoor unit			RXG20L	RXG20L	RXG25L	RXG25L	RXG35L	RXG35L	RXG50L	RXG50L
Dimensions	Unit	Height/Width/Depth	550x765x285				735x825x300			
Weight	Unit	kg	35				48			
Fan - Air flow rate	Cooling	High/Super low	34.5/31.0		37.0/31.0		49.8/42.6			
	Heating	High/Super low	31.1/26.4		44.8/38.3		44.8/38.3			
Sound power level	Cooling	dBA	61		63		63			
	Heating	dBA	62		63		63			
Sound pressure level	Cooling	High/Silent operation	46/43		48/44		48/44			
	Heating	High/Silent operation	47/44		48/45		48/44			
Operation range	Cooling	Ambient Min.-Max. °CDB	-10~46				-15~20			
	Heating	Ambient Min.-Max. °CWB	-15~20				-15~20			
Refrigerant	Type/GWP	R-410A/1,975				R-410A/1,975				
Piping connections	Piping length	OU - IU	20		20		20			
	Level difference	IU - OU	15		15		15			
Power supply	Phase / Frequency / Voltage	Hz / V		1~ / 50 / 220-240		1~ / 50 / 220-240		1~ / 50 / 220-240		
Current - 50Hz	Maximum fuse amps (MFA)	A		16		16		20		

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

MULTI COMBINATION TABLE

POSSIBLE COMBINATIONS	2MXS40H	2MXS50H	3MXS40K	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E	RXY5Q-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:

- Generally available to the public by being sold, without restriction, from stock at retail selling points by means of any of the following:
 - Over-the-counter transactions;
 - Mail order transactions;
 - Electronic transactions;
 - Telephone call transactions.
- The cryptographic functionality cannot easily be changed by the user.
- Designed for installation by the user without further substantial support by the supplier.



DAIKIN EMURA.
THE NEXT
GENERATION
AIR CONDITIONER.



DAIKIN

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ECPEN14-003 - 01/14 - Copyright Daikin • The present publication supersedes ECPEN14-003_P Printed on non-chlorinated paper. Prepared by Liquid Society, Belgium • Resp. Ed.: Daikin Europe N.V., Zandvoordestraat 300, B-8400 Oostende

Daikin products are distributed by:

