

### **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, Good Design Award 2014 and iF Design award 2015. 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









## 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-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



# 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.



#### 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

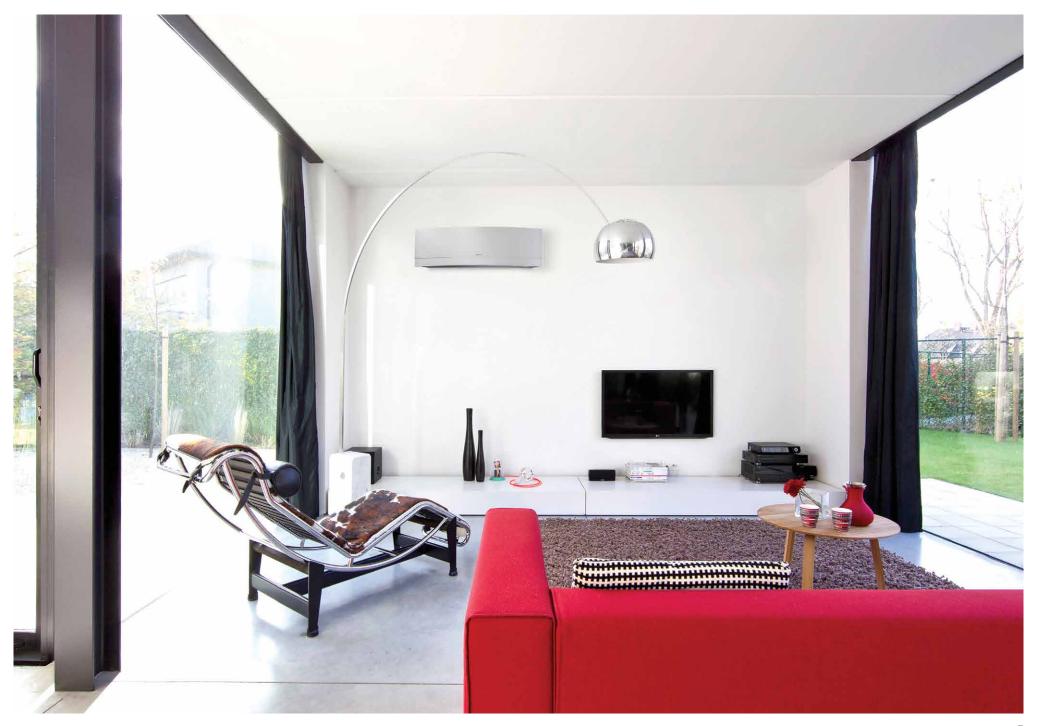
Draught-free operation improves comfort. When cooling, the flap positions itself horizontally to prevent cold airflow from being blown directly onto the body. When heating, the flap turns vertically downwards to drive warm air to the bottom of the room.

#### 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.





## 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.



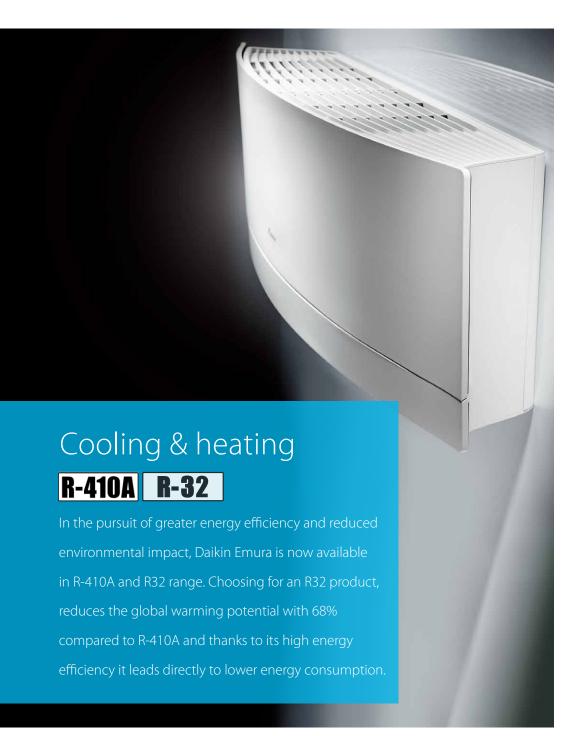
### smart WLAN control/ smart energy saving

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



Efficiency data		FTX	J + RXJ	20LW/S + 20L	25LW/S + 25L	35LW/S + 35L	50LW/S + 50L
Cooling capacity	Min./Nom.	/Max.	kW	1.30/2.30/2.80	0.90/2.40/3.30	0.90/3.50/4.10	1.40/4.80/5.50
Heating capacity	Min./Nom.	/Max.	kW	1.30/2.50/4.30	0.90/3.20/4.70	0.90/4.00/5.10	1.10/5.80/7.00
Power input	Cooling	Nom.	kW	0.320/0.495/0.760	0.230/0.507/0.820	0.230/0.855/1.360	0.270/1.432/1.950
	Heating	Nom.	kW	0.310/0.500/1.120	0.180/0.700/1.340	0.180/0.990/1.480	0.240/1.590/2.120
Seasonal efficiency	Seasonal efficiency Cooling Energy label			A+++		A++	
(according to		Pdesign	kW	2.30	2.40	3.50	4.80
EN14825)		SEER		8.73	8.64	7.19	7.02
		Annual energy consumption	kWh	92	97	170	239
	Heating	Energy label			A++		A+
	(Average	Pdesign	kW	2.10	2.70	3.00	4.60
	climate)	SCOP		4.61	4.0	50	4.28
		Annual energy consumption	kWh	638	822	913	1,505

Indoor unit			FTXJ	20LW/S	25LW/S	35LW/S	50LW/S
Casing	Colour				White	e/Silver	
Dimensions	Unit	HeightxWidthxDepth	mm		303x9	998x212	
Weight	Unit		kg			12	
Sound power level	Cooling		dBA		54	59	60
	Heating		dBA		56	59	60
Sound pressure	Cooling	High/Nom./Low/Silent operation	dBA	38/32	2/25/19	45/34/26/20	46/40/35/3
level	Heating	High/Nom./Low/Silent operation	dBA	40/34/28/19	41/34/28/19	45/37/29/20	47/41/35/3

Outdoor unit				RXJ	20L	25L	35L	50L
Dimensions	Unit	HeightxWi	dthxDepth	mm		550x765x285		735x825x300
Weight	Unit			kg		34		44
Sound power level	Cooling			dBA	6	1		63
Sound pressure	Cooling	High/Low		dBA	46/	43	48	3/45
level	Heating	High/Low		dBA	47,	44	48	3/45
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10	0~46	
	Heating	Ambient	Min.~Max.	°CWB		-15	5~18	
Refrigerant	Type/GWP					R-32	2/675	
	Charge		kg/T	CO,Eq		0.72/0.5		1.30/0.9

<sup>(1)</sup> 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 Contains fluorinated greenhouse gases

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	0.37/1.36/1.88
	Heating	Min./Nom./Max.	kW	0.31/0.50/1.12	0.31/0.77/1.32	0.32/0.99/1.49	0.31/1.59/2.49
Seasonal efficiency	Cooling	ooling Energy label		A+	++	A-	F+
(according to		Pdesign	kW	2.30	2.40	3.50	4.80
EN14825)		SEER		8.52	8.50	7.00	6.70
		Annual energy consumption	kWh	94	99	175	251
	Heating	Energy label			A++		A+
	(Average	Pdesign	kW	2.10	2.70	3.00	4.60
	climate)	SCOP			4.60		4.24
		Annual energy consumption	kWh	639	821	913	1,519

Indoor unit			FTXG	20LW/S	25LW/S	35LW/S	50LW/S
Casing	Colour				White	/Silver	
Dimensions	Unit	HeightxWidthxDepth	mm		303x99	98x212	
Weight	Unit		kg		1	2	
Air filter	Type				Removable / washa	able / mildew proof	
Sound power level	Cooling		dBA	5	4	59	60
	Heating		dBA	5	6	59	60
Sound pressure	Cooling	High/Nom./Low/Silent operation	dBA	38/32	/25/19	45/34/26/20	46/40/35/32
level	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				RXG	20L	25L	35L	50L
Dimensions	Unit	HeightxWid	thxDepth	mm		550x765x285		735x825x300
Weight	Unit			kg		35		48
Sound power level	Cooling	ing dBA		6	61		63	
	Heating			dBA	6	52	6	53
Sound pressure	Cooling	High/Silent	operation	dBA	46	/43	48	/44
level	Heating	High/Silent	operation	dBA	47	/44	48/45	48/44
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~4	46 (3)	
	Heating	Ambient	Min.~Max.	°CWB		-15	~18	
Refrigerant	Type/GWP	)				R-410A/2,087.5		R-410A/2,087.5
	Charge		kg/T	CO,Eq		1.05/2.2		1.6/3.3

(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

Contains fluorinated greenhouse gases

### 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: 3. Elect

B. Electronic transactions:

Mail order 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 / 3.6	1.0/5.1/6.7 / 4.2
Power input	Cooling	Min./Nom./Max.	kW	0.250/0.680/1.090	0.250/0.980/1.240
	Heating	Min./Nom./Max.	kW	0.250/1.020/1.610	0.250/1.310/2.070
Seasonal efficiency	Cooling	Energy label		A	++
(according to		Pdesign	kW	2.50	3.50
EN14825)		SEER		7.04	6.67
		Annual energy consumption	kWh	124	184
	Heating	Energy label		A	++
•	(Average	Pdesign	kW	2.50	3.00
	climate)	SCOP		4.64	4.60
		Annual energy consumption	kWh	755	913

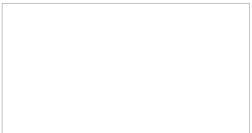
Indoor unit			FTXG	25LW/S	35LW/S
Casing	Colour			White	/Silver
Dimensions	Unit	HeightxWidthxDepth	mm	303x99	98x212
Weight	Unit		kg	1	2
Sound power level	Cooling		dBA	54	59
	Heating		dBA	56	59
Sound pressure	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/19	45/34/26/20
level	Heating	High/Nom./Low/Silent operation	dBA	41/34/28/19	45/37/29/20

Outdoor unit				RXLG	25M	35N		
Dimensions	Unit	HeightxWi	dthxDepth	mm	550x85	8x330		
Weight	Unit			kg	40	)		
Sound power level	Cooling			dBA	61	61		
	Heating			dBA	61			
Sound pressure	Cooling	High/Low		dBA	48/4	14		
level	Heating	High/Low		dBA	49/4	15		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~	46		
	Heating	Ambient	Min.~Max.	°CWB	-25~	18		
Refrigerant	Type/GWP				R-410A/2	2,087.5		
	Charge		kg/T	CO,Eq	1/2	.1		

(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 Contains fluorinated greenhouse gases



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Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP), Air handling units (AHU) and Fan coil units (FCU), Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

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