



FTXG

Daikin Emura

Design excellence

Designed in Europe for European climates, Daikin Emura creates the optimum comfort zone all year round. It represents a perfect marriage of style and substance, of form and function, of intelligent heating and efficient cooling.



Sleek design

Available in two different colours – matt crystal white or sandblasted aluminium – Daikin Emura is a new high inverter heat pump, wall mounted unit, that blends iconic design to engineering excellence. Its ultra thin profile and elegant finish can complement any stylish interior. The sleek appearance adds to Daikin's well-known brand values of superior comfort, quality and reliability.

Eco cutting-edge technology

It's hard to believe that underneath the smooth and ingenious profile, this smart unit houses so much advanced technology. Daikin Emura benefits from one of the most recent innovations in intelligent climate control.

Thanks to Daikin's inverter technology the desired temperature is reached more quickly and maintained with less fluctuation and fewer stop/start cycles.

The result of this technology means energy savings up to 30% over non-inverter systems.

All under control

As well as offering cooling, heating, ventilation and dehumidifying, Daikin Emura combines extreme energy efficiency and user friendliness.

A large controller 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. The design of the handset received just as much care and attention in order to match it perfectly to the unit. As with the main unit design, much of the functionality of the handset is concealed by a sleek exterior in white, to complement the look of Daikin Emura.

The operation mode can be easily identified by the LED at the bottom of the unit.



reddot design award
honourable mention 2010



FEATURES

- > Stylish, low-profile design
- > Energy label:
A++ in cooling
A+ in heating
- > Quiet in operation
- > One outdoor unit can connect to a single or multiple indoor unit(s)

Weekly timer – Allows programming of the unit on a weekly basis, with the ability to schedule different settings for each day of the week.

Intelligent eye sensor – Detects a person's presence in the room. If the room is unoccupied for 20 minutes, the unit will automatically switch to energy-saving setting. As soon as anyone re-enters the room, the air conditioner will start up again. In standby mode the energy consumption is reduced by 80%.

Powerful operation – Activates the maximum air volume for 20 minutes, before automatically returning the unit to its original setting.

Heating & cooling

Indoor unit				FTXG25JW	FTXG35JW	FTXG50JW	FTXG25JA	FTXG35JA	FTXG50JA			
Cooling capacity	Min./Nom./Max.			kW			1.3/2.5 /3.0	1.4/3.5 /3.8	1.7/5.0 /5.3	1.3/2.5 /3.0	1.4/3.5 /3.8	1.7/5.0 /5.3
Heating capacity	Min./Nom./Max.			kW			1.3/3.4 /4.5	1.4/4.0 /5.0	1.7/5.8 /6.5	1.3/3.4 /4.5	1.4/4.0 /5.0	1.7/5.8 /6.5
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++			A			A++		
		Pdesign	kW			2.50	3.50	5.00	2.50	3.50	5.00	
		SEER	kWh			6.53	6.51	5.45	6.53	6.51	5.45	
	Annual energy consumption		kWh			134	188	321	134	188	321	
	Heating (Average climate)	Energy label		A+			A			A+		
Pdesign		kW			2.80	3.30	4.60	2.80	3.30	4.60		
SCOP		kWh			4.34	4.23	3.87	4.34	4.23	3.87		
Annual energy consumption		kWh			903	1,091	1,660	903	1,091	1,660		
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		kWh			4.46	3.93	3.21	4.46	3.93	3.21	
	COP		kWh			4.36	4.04	3.63	4.36	4.04	3.63	
	Annual energy consumption		kWh			280	445	780	280	445	780	
Casing	Energy label		Cooling/Heating			A/A						
	Colour		Matt crystal white			Brushed aluminium						
Dimensions	Unit	HeightxWidthxDepth		mm			295x915x155					
	Unit	Weight		kg			11					
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m³/min			8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	10.3/8.5/6.7/5.7	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	10.3/8.5/6.7/5.7
	Heating	High/Nom.		m³/min			9.6/7.9	10.8/8.6	11.4/9.8	9.6/7.9	10.8/8.6	11.4/9.8
Sound power level	Cooling	High		dB(A)			54	58	60	54	58	60
	Heating	High		dB(A)			55	58	60	55	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dB(A)			38/32/25/22	42/34/26/23	44/40/35/32	38/32/25/22	42/34/26/23	44/40/35/32
	Heating	High/Nom./Low/Silent operation		dB(A)			39/34/28/25	42/36/29/26	44/40/35/32	39/34/28/25	42/36/29/26	44/40/35/32
Piping connections	Liquid	OD		mm			6.35					
		Gas		mm			9.52			12.7		
	Drain	OD		mm			16 or 18			18.0		
		Phase / Frequency / Voltage		Hz / V			1~ / 50 / 220-240					

Outdoor unit				RXG25K	RXG35K	RXG50K	RXG25K	RXG35K	RXG50K			
Dimensions	Unit	HeightxWidthxDepth		mm			550x765x285	550x765x285	735x825x300	550x765x285	550x765x285	735x825x300
Weight	Unit	Weight		kg			34	34	48	34	34	48
Fan - Air flow rate	Cooling	High/Super low		m³/min			33.5/30.1	36.0/30.1	50.9/48.9	33.5/30.1	36.0/30.1	50.9/48.9
	Heating	High/Super low		m³/min			30.2/25.6	30.2/25.6	45.0/43.1	30.2/25.6	30.2/25.6	45.0/43.1
Sound power level	Cooling	High		dB(A)			62	64	63	62	64	63
Sound pressure level	Cooling	High/Silent operation		dB(A)			46/43	48/44	48/44	46/43	48/44	48/44
	Heating	High/Silent operation		dB(A)			47/44	48/45	48/45	47/44	48/45	48/45
Operation range	Cooling	Ambient	Min.~Max.	°CDB			-10~46	-10~46	-10~46	-10~46	-10~46	-10~46
	Heating	Ambient	Min.~Max.	°CWB			-15~20	-15~20	-15~20	-15~20	-15~20	-15~20
Refrigerant	Type/GWP		R-410A/1,975			R-410A/1,975	R-410A/1,975	R-410A/1,975	R-410A/1,975	R-410A/1,975	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			1~ / 50 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA)		A			16			16			

(1) EER/COP according to Eurovent 2012



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.



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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