



Daikin Emura

Form. Function. Redesigned.



R-32 BLUEEVOLUTION





Daikin Emura is refined on the outside and smart on the inside

Daikin Emura is refined on the outside and smart on the inside. Built-in intelligence and innovative features ensure low energy consumption. Its smart sensors provide optimal performances for year-round comfort at home. Still, you are always in control via the easy-to-use remote controller and the smartphone app with intuitive interface. You see... The new Daikin Emura has everything to fall in love with!



2 area motion detection sensor



Energy saving during standby mode



On detection sensor
Whisper quiet



Online controller via app



Multi model application

Design at its best, delivering superior efficiency and comfort

- › Iconic design in silver finish
- › Iconic design in matt crystal white
- › Award-winning design
- › Silver allergen removal and air purifying filter
- › Online controller via app
- › Whisper quiet
- › 2-area motion detection sensor
- › Bluevolution range: lower environmental impact
- › Seasonal efficiency values up to A++++ in cooling and heating
- › 3-D airflow: air is blown into all corners of the room

New Daikin Emura

has everything to fall in love with!



Why choose Daikin Emura

- > Top design with two stylish finishes, silver and anthracite or pure matt white
- > High seasonal efficiencies up to A++++
- > Whisper quiet sound levels as low as 19 dB
- > Control via a smart phone app or a user-friendly remote

✓ Design

The Daikin Emura is the result of ongoing research intended to provide superior air conditioning solutions for European interiors. The new generation's extra functions make it even more suitable for European homes. This is evidenced by the multi-award winning innovation: Daikin Emura, the recipient of the prestigious iF Design Award, Reddot design award 2014, German Design Award - Special Mention, Focus Open 2014 Silver and Good Design Award 2014.



BLUEVOLUTION



**GOOD
DESIGN**



German
Design Award
SPECIAL
MENTION 2015



Focus Open 2014
Silver

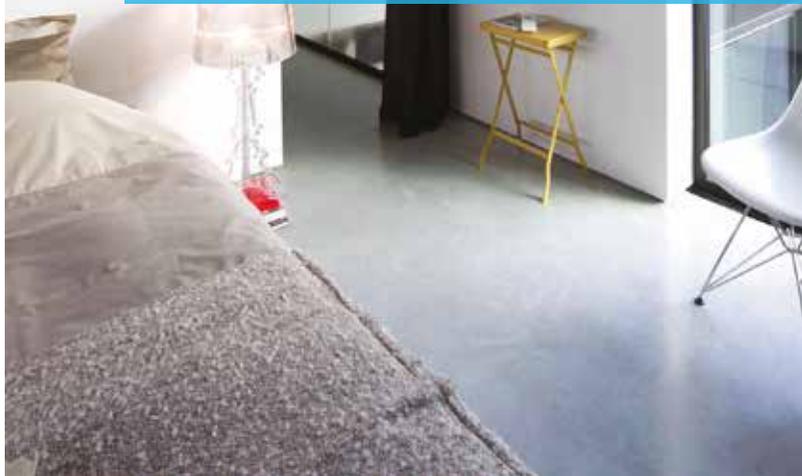


Reddot Award
2014 Winner



iF
DESIGN
AWARD
2015

Once again, Daikin Emura proves that intelligent design can be visually appealing and at the same time deliver superior energy efficiency in climate control. Thus, the indoor environment is optimized so that 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.



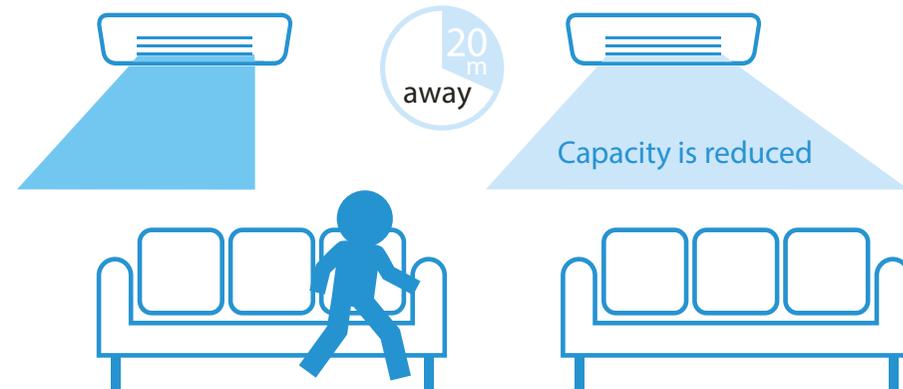
✓ Comfort

Two- area motion detection sensor

The two-area motion detection sensor controls comfort in two ways. If the room is empty for 20 minutes, the sensor changes the set point to start saving energy. As soon as someone enters the room, it immediately returns to the original setting. The motion detection sensor also directs airflow away from people in the room to avoid cold draughts.

2-D airflow

Combines vertical and horizontal auto-swing to circulate a stream of warm or cool air right to the corners of even large spaces



✓ Energy efficiency

Up to
A+++
in cooling



✓ Reliability

BLUEVOLUTION

Higher energy efficiency and lower environmental impact with R-32 refrigerant

Comfort all year round

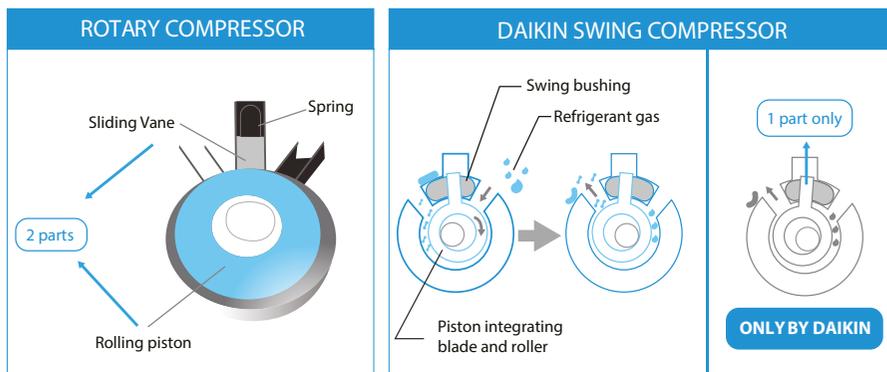
Heating and cooling solutions for your home

✓ Reliability

To guarantee the seamless operation of your heating system, the Sensira range offers enhanced features:

- › Swing compressor: enhanced compressor uses the Inverter technology and small capacity steps to adjust a unit's power and meet energy demands. In comparison to a rotary compressor, the swing compressor provides more energy savings, a lower risk for unit breakdown and quieter and vibration-free operation
- › Most extensive testing before new units leave the factory

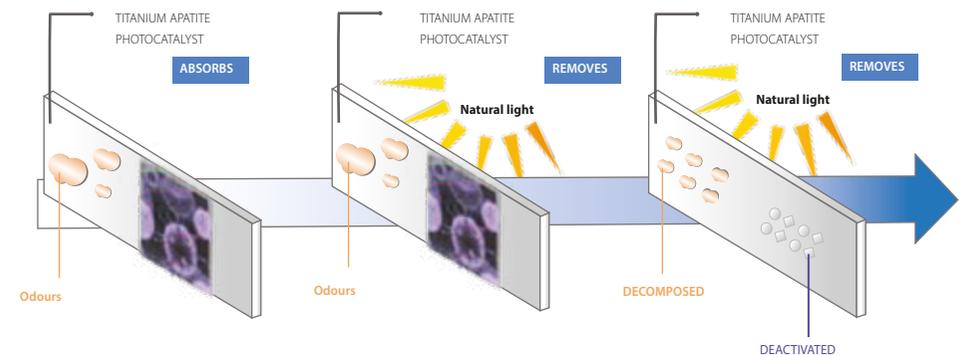
Exclusive Daikin Inverter Swing Compressor



✓ Powerful Bio-Engineering Air Filtration

Titanium apatite: new photocatalytic material with advanced absorption power

- › The filter's micron-level fibers trap dust.
- › The photocatalyst effectively absorbs and breaks down mold odors.
- › The photocatalyst is activated simply by exposure to natural light.
- › Unique silver allergen removal and air purifying filter.
- › Captures 99% of allergens such as pollen and dust mites.



Discover a new world

Always in
Control



✓ Smart Controlling

Easy control

The easy-to-use remote controller 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.



Infrared remote control

Always in control, no matter where you are

You can use the plug-and-play standard* WLAN device 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.



Online controller





Always in control,
no matter where you are

The Daikin Online Controller application helps you control and monitor the status of your system or up to 50 split air-conditioning units and allows you to:

Monitor

- › The status of your air conditioner or heating system
- › Consult **energy consumption graphs**



Control

- › The **operation mode**, set temperature, fan speed and powerful mode, air direction and filtering (streamer) function
- › Remotely control your system
- › **Zone Control**: control **multiple** units at once

Schedule

- › Schedule the set temperature and operation mode with up to **6 actions per day for 7 days**
- › Enable **holiday mode**
- › View in an intuitive mode
- › 3rd party products and services integration via IFTTT
- › Demand control/power limitation (Split only)

App with intuitive lay-out



Control



Control operation mode, temperature, air purification, fan speed & direction

Schedule



Schedule the set temperature, operation mode and fan speed

Monitor



Monitor your energy consumption, set holiday schedule

Identify



Identify the rooms in your house



Daikin, your contribution to the environment

When you choose a Daikin air conditioner, you are also thinking of the environment. When we produce heat pumps, we do our utmost to recycle, reduce waste and use renewable energy. Besides that, Daikin avoids the use of lead, mercury, cadmium and other materials that harm to the environment.

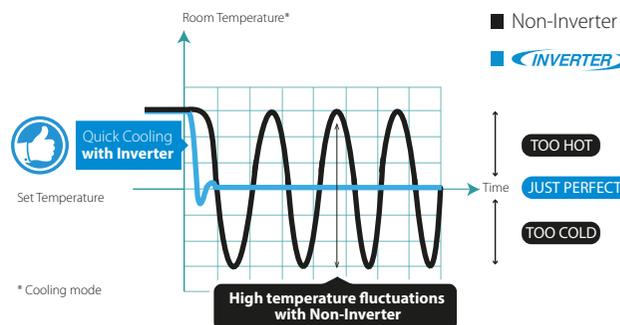
Inverter Technology

Air-conditioner compressors are driven by motor, and motor rotation speed depends on power supply frequency. An inverter modulates power supply frequency to control motor rotation speed. Inverters stabilize temperature by adjusting compressor operation according to load to eliminate waste and save energy. Even more, adopting an inverter to the fan motors of the indoor and outdoor units provides more precise control and contributes to energy savings.

With Non-Inverter Start and Stop operation



With INVERTER Smartly controlled speed operation



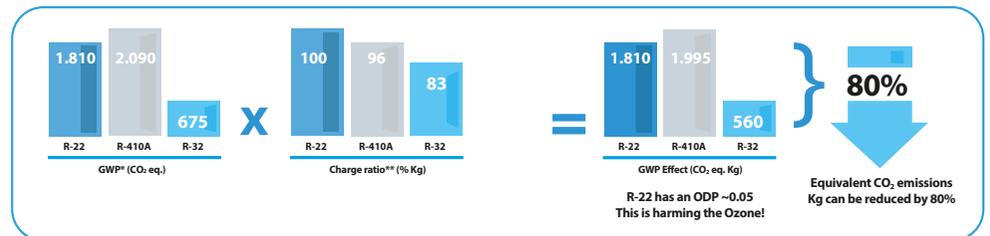


R-32 is a next generation refrigerant that efficiently carries heat and has lower environmental impact.

BLUEvolution

Because R-32 efficiently conveys heat, it can reduce electricity consumption up to 10% compared to air conditioners that use the R-22 refrigerant. Furthermore, compared to refrigerants widely used today such as R-22 and R-410A, R-32 has a global warming potential (GWP) that is one-third lower and is remarkable for its low environmental impact.

Environmental Benefits of R-32





Product Features

Remarkable blend of iconic design and engineering excellence with an elegant finish in matt crystal white

Daikin Emura is a multi-award winner thanks to its excellent design. Silver allergen removal and air purifying filter: captures allergens such as pollen and dust mites.

Online controller: control your indoor from any location with an app, via your local network or internet
Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
2 area motion detection sensor: airflow is directed to a zone other than that where the person is located ; if no people are detected, the unit will automatically switch over to the energy-efficient setting .

Choosing an R-32 product, reduces the environmental impact by 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
Seasonal efficiency values up to A++++ in cooling and heating
3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even spacious rooms.

Benefits



Econo mode

Decreases power consumption so that other appliances that need higher power consumption can be used. This function is also energy saving.



Two-area motion detection sensor

Airflow is directed to a zone other than that where the person is located. If no people are detected, the unit will automatically switch over to the energy efficient setting.



Energy saving during standby mode

Current consumption is reduced by about 80% when operating on standby.



Night set mode

Saves energy, by preventing overcooling or overheating during nighttime.



Fan only

The unit can be used as fan, blowing air without heating or cooling.



Comfort mode

Guarantees draught free operation by preventing that warm or cold air to be directly blown on to the body.



Powerful mode

Can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.



Auto cooling-heating changeover

Automatically selects heating or cooling mode to achieve the set temperature.



Whisper quiet

Daikin indoor units are whisper quiet. The outdoor units are also guaranteed not to disturb the quiet of the neighborhood.



Indoor unit silent operation

"Silent" button on the remote controller lowers the operation sound of the indoor unit by 3dB(A)



Outdoor unit silent operation

"Silent" button on the remote control lowers the operation sound of the outdoor unit by 3dB(A) to ensure a quiet environment for the neighborhood.



Outdoor unit silent operation

Combines vertical and horizontal auto-swing to circulate a stream of warm or cool air right to the corners of even large spaces.



Vertical auto swing

Possibility to select automatic vertical moving of the air discharge ,aps for efficient air and temperature distribution throughout the room.



Horizontal auto swing

Possibility to select automatic horizontal moving of the air discharge louvre, for uniform airflow and temperature distribution.



Auto fan speed

Automatically selects the necessary fan speed to reach or maintain the set temperature.



Fan speed steps

Allows to select several fan speed levels.



Dry programme

Allows humidity levels to be reduced without variations in room temperature.



Silver allergen removal and air purifying filter

Captures allergens such as pollen and dust mites. The ylter suppresses pollen and mites by 99% or more.



Titanium apatite deodorizing filter

Captures airborne dust particles and harmful organic chemical substances such as bacteria, viruses and allergens and deodorizes the odors of e.g. tobacco and pets



Weekly timer

Can be set to start heating or cooling anytime on a daily or weekly basis.



24-hour timer

Can be set to start operation anytime during a 24-hour period



Infrared remote controller

Starts, stops and regulates the air conditioner from a distance.



Wired remote control

Starts, stops and regulates the air conditioner.



Centralized control

Starts, stops and regulates several air conditioners from one central point.



Online controller via app

Control your indoor unit from any location via app



Auto-restart

The unit restarts automatically at the original settings after power failure.



Self-diagnosis

Simplifies maintenance by indicating system errors or operating anomalies.



Multi model application

Up to 5 indoor units can be connected to a single outdoor unit, even if they have different capacities. All indoor units can individually be operated within the same heating or cooling mode.



FTXJ-MW/S + RXJ-M/N

Wall mounted unit

Efficiency data		FTXJ+RXJ	35MW+35M	35MS+35M	50MW+50N	50MS+50N	
Cooling capacity	Mid./Nom./Max.	kW	3.45/3.79/3.92		4.52/4.99/5.29		
			Btu/hr	11761/12948/13367		15414/17030/18052	
Heating capacity	Mid./Nom./Max.	kW	2.55/4.00/4.38		3.74/5.80/6.80		
			Btu/hr	8701/13649/14937		12761/19790/23203	
Power input	Cooling	Mid./Nom./Max.	kW	1.02/0.85/0.74		1.34/1.14/0.97	
	Heating			0.93/1.04/1.14		1.60/1.60/1.69	
Nominal Efficiency	EER	Btu/hr	16.85		17.11		
	COP		4.04		3.65		
	Egypt Energy label		A+++		A++++		

Indoor unit		FTXJ/FTXJ		35MS	50MS	35MW	50MW	
Dimensions	Unit	HeightxWidthxDepth		mm				
				303 x998 x212				
Weight	Unit			kg				
				12				
Air filter	Type			Removable / washable				
Fan	Air flow rate	Cooling	Silent operation/Low/Medium/High	m ³ /min	2.9 /4.8 /7.8	3.6 /6.8 /8.9	2.9 /4.8 /7.8	3.6 /6.8 /8.9
			Heating		Silent operation/Low/Medium/High	m ³ /min	4.1 /6.9 /9.6	5.0 /8.1 /10.5
Sound power level	Cooling			dBA	59	60	59	60
	Heating			dBA	59	60	59	60
Sound pressure level	Cooling	Silent operation/Low/High	dBA	20 /26 /45	25 /35 /46	20 /26 /45	25 /35 /46	
	Heating		Silent operation/Low/High	dBA	20 /29 /45	25 /35 /47	20 /29 /45	25 /35 /47
Control systems	Infrared remote control			ARC466A9				
	Wired remote control		-					

220V | 230V | 240V

Outdoor unit		RXJ/RXJ		35M	50N	35M	50N	
Dimensions	Unit	HeightxWidthxDepth		mm				
				550x765	734 x870	550x765	734 x870	
				x285	x373	x285	x373	
Weight	Unit			kg				
				32				
Sound power level	Cooling			dBA	61	63.0	61	63.0
	Heating			dBA	61	63.0	61	63.0
Sound pressure level	Cooling	Nom.	dBA	49	48.0	49	48.0	
	Heating		Nom.	dBA	49	48.0	49	48.0
Operation range	Cooling	Ambient		Min.~Max.	°CDB			
	Heating	Ambient	Min.~Max.	°CWB				
Refrigerant	Type			R-32				
	GWP			675.0	675	675.0	675	
Piping connections	Charge			kg/TCO2Eq	0.76 /0.52	1.15 /0.78	0.76 /0.52	1.15 /0.78
	Liquid	OD		mm	635	64	635	64
	Gas	OD		mm	9.50	12.7	9.50	12.7
	Piping length	OU - IU	Max.	m	20	30	20	30
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU	Max.	m	15.0	20	15.0	20
Power supply	Phase/Frequency/Voltage				Hz/V			
					1~/50 /220-240			
Current - 50Hz	Maximum fuse amps (MFA)				A			
					-			

Contains fluorinated greenhouse gases | See separate drawing for operation range | See separate drawing for electrical data



Cooling & heating

In the pursuit of greater energy efficiency and reduced environmental impact, Daikin Emura is available in bluevolution. Choosing a bluevolution product implies hence reducing the global warming potential by 68% compared to the standard range; thanks to its high energy efficiency, it leads directly to lower energy consumption.



Fall in love with Daikin Emura.

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