

DAIKIN
emura



HI, I'M
DAIKIN EMURA_





DAIKIN

I'M HERE FOR A REASON__

MY CREATORS GAVE ME THE POWER TO CONTROL THE AIR. TO CHANGE THE INDOOR CLIMATE__THEY CREATED ME TO IMPROVE YOUR LIFE AT HOME__ TO KEEP YOU COOL IN SUMMER, AND WARM IN WINTER.

I'M ENGINEERED TO PERFORM IN EVERY SEASON. DESIGNED TO ATTRACT THE EYE. AND MADE TO STAND OUT IN YOUR INTERIOR__ WITH A CURVED SILHOUETTE AND SOFT SHADOW LINES. REMARKABLE. YET DISCRETE__

YOU'LL SEE ME AROUND, BUT YOU WON'T HEAR A SOUND. I'M WHISPER QUIET__ STILL, YOU'LL FEEL THE DIFFERENCE I'M MAKING. SHAPING YOUR COMFORT. PROVIDING YOU WITH CLEAN AIR.

THEY MADE ME INTELLIGENT__ SO, I'LL KNOW WHEN YOU'RE AROUND. I WILL ADAPT TO YOUR PRESENCE__ I'M IN CONTROL. UNLESS YOU INSTRUCT ME OTHERWISE. WITH THE DESIGNER REMOTE IN YOUR HAND. OR THE INTUITIVE APP IN YOUR POCKET__

I'M AT YOUR SERVICE__



DESIGN
THAT SPEAKS
FOR ITSELF

 **DAIKIN**
emura



DAIKIN EMURA FTXJ-AS SILVER

I BLEND
IN EVERY
INTERIOR
DESIGN —

An icon of
contemporary
air conditioning



DAIKIN EMURA FTXJ-AW MATT WHITE

Ultimate comfort, designed with the highest quality in mind... With the new Daikin Emura, Daikin once again sets the benchmark for residential air conditioning. Its design speaks for itself: Daikin Emura pleases the eye and has a strong focus on comfort and user experience to improve your well-being at home.

When you choose Daikin technology, you can count on year-round comfort, energy efficiency, reliability and control.



DAIKIN EMURA FTXJ-AB MATT BLACK

One system, 3 components, one brand design

Your Daikin Emura cooling and heating air-to-air heat pump includes a wall mounted indoor unit, remote control and outdoor unit. Every single part follows the Daikin design philosophy.

Daikin Emura's design is remarkable, yet unobtrusive. Both the wall mounted unit and remote control have a curved silhouette that refers to airflow, with the blue Daikin eye as recognisable signature. Pure elegance that blends harmoniously into your interior.

01



THE OUTDOOR UNIT

/ Maximum comfort

Choose the climate that suits your lifestyle

/ Beautiful design

Go for remarkable design that fits your interior

/ Smart control

Control your climate from anywhere at any time

/ Energy efficiency

Lower your impact and save on your energy bill

/ High quality

Relax and enjoy the benefits of a reliable solution

02



THE WALL MOUNTED UNIT

In-house design by Daikin

With more than a century of experience in air conditioning and climate control solutions, Daikin brings together the best of design and technology to help you achieve your perfect indoor climate.

Daikin Emura is the result of ongoing research and development to create superior air conditioning solutions for European interiors. The first design was released in 2010, the second one in 2014 – and the wall mounted air conditioner redefined the presence of a climate control unit in interior design.

This 3rd generation Daikin Emura has a remarkable design with soft shadow lines, additional smart features and improved user experience – making it even more relevant to European architectural aesthetics, technical standards and user demands.



THE REMOTE CONTROL

03



I'M DESIGNED TO PLEASE THE EYE_

Looking for an air conditioning system that brings together the best of performance and design? Daikin Emura is the climate control solution that perfectly balances form and function. Completely designed and engineered in-house. Beautiful and intelligent design that suits your interior: high-end yet affordable.

The designer behind the design

“

The purpose of a Daikin air conditioning system is to control the indoor climate, create an optimal living environment all year round and improve people's life at home. A wall mounted air conditioner always has a visual impact. I believe it can also be a design statement.

HIROYASU KOSUGE

Brand designer Daikin Emura



Hiroyasu Kosuge joined Daikin 10 years ago. He started off his career as a product designer in Japan and had the opportunity to work at Daikin's European headquarters in Belgium before he moved to Germany – which he calls the mecca of product design. He has a lot of experience with the European market and was responsible for the entire design process of the new Daikin Emura.

“I realised first-hand that there's a difference in thinking about design between people in Europe and Japan. In Japan, people tend to pursue comprehensibility and usability, while in Europe most people have their own idea of what they find attractive regarding a design concept. In Europe, I get feedback such as 'beautiful design' and 'this makes sense', which goes beyond the technical feasibility.”

“One of the things I learned in Europe is the importance of brand design. The culture to keep the brand identity in line with the corporate philosophy is historically rooted in Europe. Daikin Emura is the first Daikin climate control solution that lives up to that idea of 'one system, one design.'”

Curved lines

Thanks to its curved front and back panel, the indoor unit has a unique 3D shape. The curved lines refer to the harmonised airflow, while they also create a pleasing visual effect in your interior.

Subtle shadow play

The curved panels of the indoor unit create shadows that make Daikin Emura really come to life, while the outdoor heat pump uses shadows to hide the rotating fan.



The emotion of motion

Panel movement is unique for Daikin design units. Now, what's special about the panel movement of a Daikin Emura air conditioner? It comes forward, slightly angled, creating a new dynamic and different shadow lines in operating mode. The angled approach adds real emotion to the panel motion.



Form follows function

In addition to the curved lines and the attractive visual effect, the panel movement of the Daikin Emura air conditioner also enhances the air distribution throughout the room. So, the well-known design statement 'form follows function' really applies to Daikin Emura. Every design detail is well-considered.

Slim design

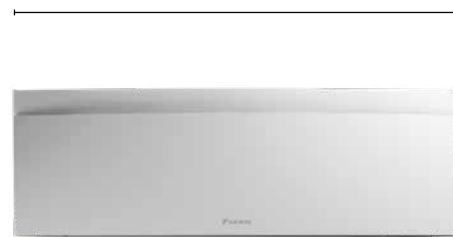
You want to make the most of the space in your home, and you don't want your air conditioning unit to catch all the attention, right? Daikin Emura is only 90 cm wide. And thanks to its curved design, the unit looks even slimmer than it is in reality. The remote control has the same sleek design and fits your hand perfectly.



Monochrome colours

Silver, matt white and matt black, these are the three monochrome colours in which the Daikin Emura air conditioner is available. The front panel of the remote control matches the colours of the indoor unit – the casing is anthracite grey to create a floating effect. The outdoor unit comes in ivory white.

90 cm wide



DAIKIN EMURA FTXJ-AW MATT WHITE



DAIKIN EMURA FTXJ-AS SILVER



DAIKIN EMURA FTXJ-AB MATT BLACK



I'M HERE TO
PROVIDE
YEAR-ROUND
COMFORT__



Scan to find out more
about intelligent airflow

Designed to create the perfect indoor climate, Daikin Emura increases your feeling of comfort at home. Daikin Emura keeps you cool in summer and warm in winter, and your home healthy by purifying the indoor air. Step into the comfort zone...

Intelligent airflow

OPTIMISED AIR DISTRIBUTION

It goes without saying that a room only needs to be cooled or heated when you're actually in it. Smart technology allows Daikin Emura to (re)direct the airflow for better temperature distribution throughout the room.

Intelligent thermal sensor

Daikin Emura uses an intelligent thermal sensor to detect a room's current temperature. After determining the room temperature, the intelligent thermal sensor distributes air evenly throughout the room before switching to an airflow pattern that directs warm and cool air to areas that need it.

Using the Coanda effect

For a comfortable climate, Daikin Emura makes use of the Coanda effect to optimise the airflow in heating and cooling mode: when in heating mode, the louvres direct air downwards, while in cooling mode, they move air upwards.

3D airflow

To ensure a constant and harmonised temperature throughout the room, the 3D airflow system combines vertical and horizontal auto-swing louvres, creating an even distribution of air, even into the corners of large spaces.

Heat boost

Daikin Emura quickly heats the room when starting up, ensuring the set temperature is reached faster.

“

You'll see
me around,
but you won't
hear a sound

Acoustic comfort

WHISPER QUIET OPERATION

Do you enjoy the peace and quiet at home? Daikin Emura runs so quietly you'll almost forget it's there. A specially designed fan optimises the airflow for high performance levels at low sound levels, making Daikin Emura practically inaudible in operating mode.



Indoor unit fan



Flash Streamer technology

Using electrons to trigger chemical reactions with air-borne particles, the Flash Streamer breaks down allergens (such as pollen and fungal allergens) and removes bothersome odours providing you with cleaner air.



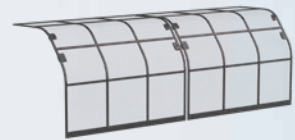
Titanium deodorising filter

Decomposes bothersome odours (from tobacco and pets, for example).



Silver allergen filter

Captures allergens such as pollen to ensure a steady supply of clean air.



Air filter

Removes air-borne dust particles to ensure a steady supply of clean air.

Air purification

BETTER INDOOR AIR QUALITY

90% of your time is spent indoors. With built-in air purifying filters and Flash Streamer technology, Daikin Emura captures dust particles, breaks down allergens and removes bothersome odours, providing you with better, cleaner air. That's how the Daikin Emura air conditioning unit keeps your home healthy.



I'M IN CONTROL,
UNLESS YOU
INSTRUCT ME
OTHERWISE__

Daikin Emura is set to provide optimal comfort when you're around. Of course, you can easily take over control with the push of a button or a tap on the screen: manage Daikin Emura with the user-friendly remote control or from anywhere at any time with the intuitive Onecta app on your smart devices.

 **DAIKIN**

Remote control

Minimalistic design

The Daikin Emura remote control has a minimalistic design with curved lines, pixel screen and blue Daikin eye. The high-end duotone finishing creates a floating effect. It's compact and fits the hand perfectly. You can simply attach the remote control to the wall with the magnet holder.

Available in silver, matt white and matt black – the remote matches the colours of the Daikin Emura air conditioning unit.



WHITE

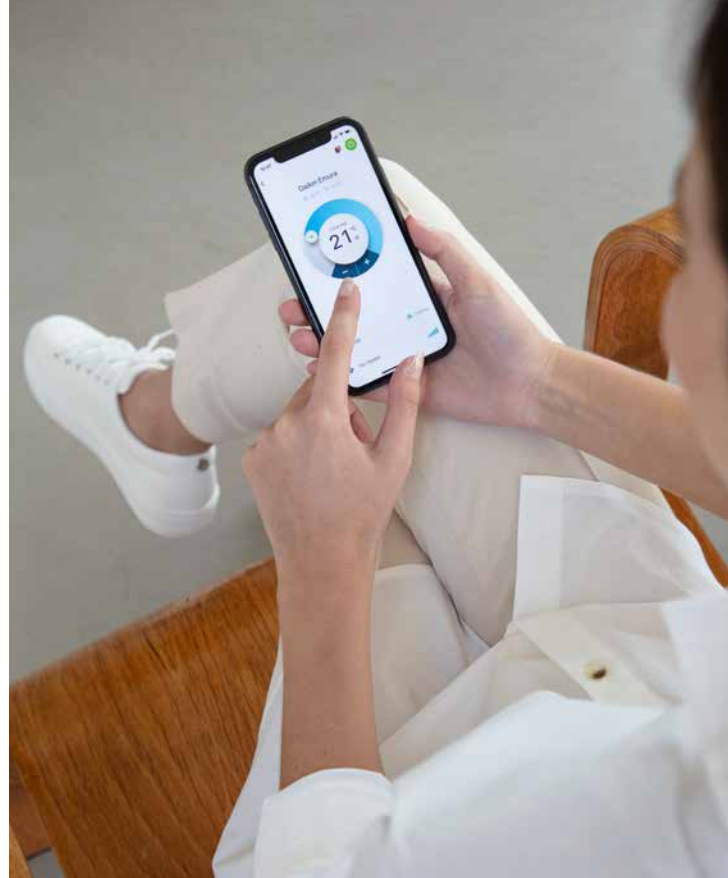
SILVER

BLACK



User-friendly control

Control the indoor climate with ease: the Daikin Emura remote control introduces a simplified design with a strong focus on the most important functionalities. All other features can easily be accessed via the self-explanatory menu or the intuitive Onecta app.



The Onecta app

Full control wherever you go

Not home? With the Onecta app, that's no problem. The app gives you instant access to all features. So, you can easily adjust Daikin Emura's settings with your smartphone, from anywhere at any time.

- Control all functionalities of your Daikin Emura air conditioner
- Create different schedules and operation modes
- Monitor your energy consumption on a daily, weekly or yearly basis
- Identify the room in your house to easily control different units

Simply connect to WLAN and download the Onecta app to start creating your perfect climate at home.



Android

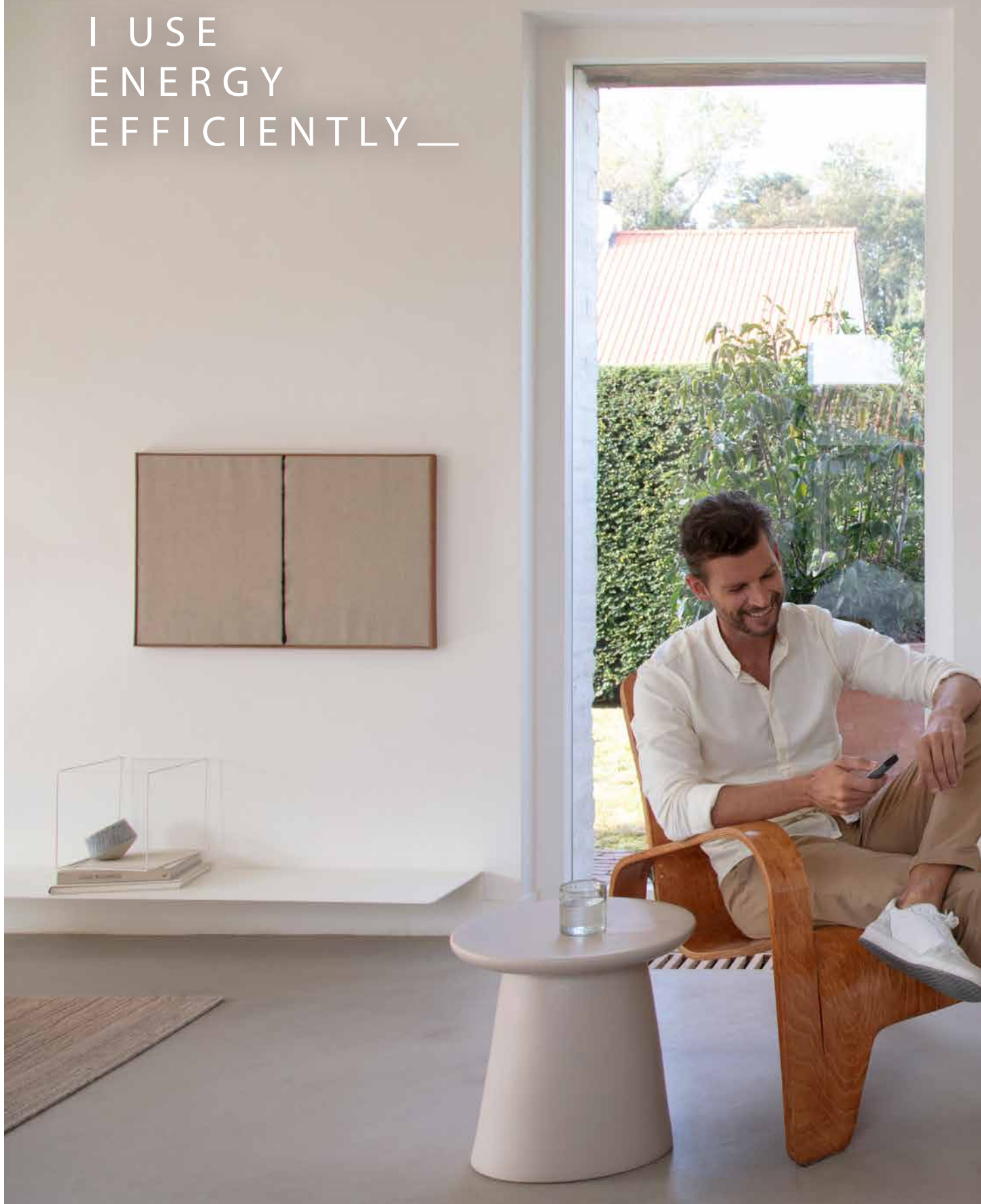


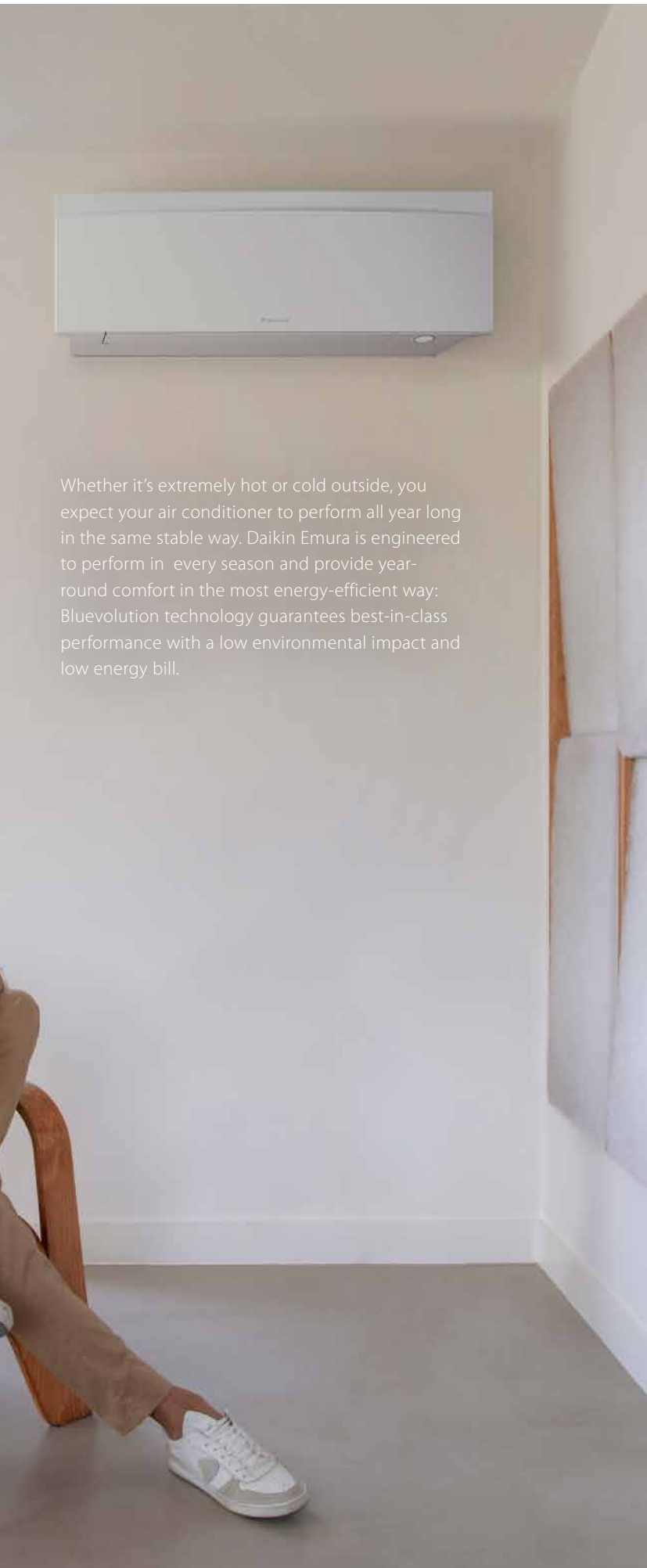
iOS

Voice control

Control Daikin Emura simply by using your voice. Via Amazon Alexa or Google Assistant, you can manage main functions such as operation mode, temperature, fan speed, and much more.

I USE
ENERGY
EFFICIENTLY__





Whether it's extremely hot or cold outside, you expect your air conditioner to perform all year long in the same stable way. Daikin Emura is engineered to perform in every season and provide year-round comfort in the most energy-efficient way: Bluevolution technology guarantees best-in-class performance with a low environmental impact and low energy bill.

Bluevolution

Sustainable climate solution

THE EVOLUTION OF COMFORT

Daikin Emura combines the best performance with the greatest efficiency to create the most comfortable indoor environment, all year long. The heat pump with Bluevolution technology has a highly efficient compressor with R32 – the refrigerant of the future – saving you a significant amount of energy.

Seasonal efficiency up to A+++

Best-in-class performance, with seasonal efficiency values up to A+++ in cooling and heating, resulting in low running costs. A real energy-saver!

SEASONAL EFFICIENCY

Gives a more realistic indication of how efficient air conditioners operate over an entire cooling or heating season.

Lower environmental impact

Thanks to the next-generation R32 refrigerant, Daikin Emura is also able to reduce its impact on the planet. With a lower GWP (Global Warming Potential), R32 is equivalent in power to standard refrigerants, but it achieves higher energy efficiency and lower CO₂ emissions.



Outdoor unit

Air-to-air heat pump

Daikin Emura comes with a redesigned outdoor unit that uses state-of-the-art technology to keep the environmental impact and your energy bill as low as possible. Most of the energy used comes from the outside air, a free and infinitely renewable resource.

Smart design

The front grille of the Daikin Emura heat pump extends horizontally, making the fan inside less visible. What about the choice of colour? The ivory white casing reflects sunlight, so the outdoor unit doesn't overheat in summer.

How does it work?

An air-to-air heat pump extracts heat from the outside air (even in cold weather) and then releases it as warm air inside your living space. During summer, the process is reversed: the heat indoors is transported outdoors. It's an energy-efficient solution to maintain a constant indoor temperature all year round.



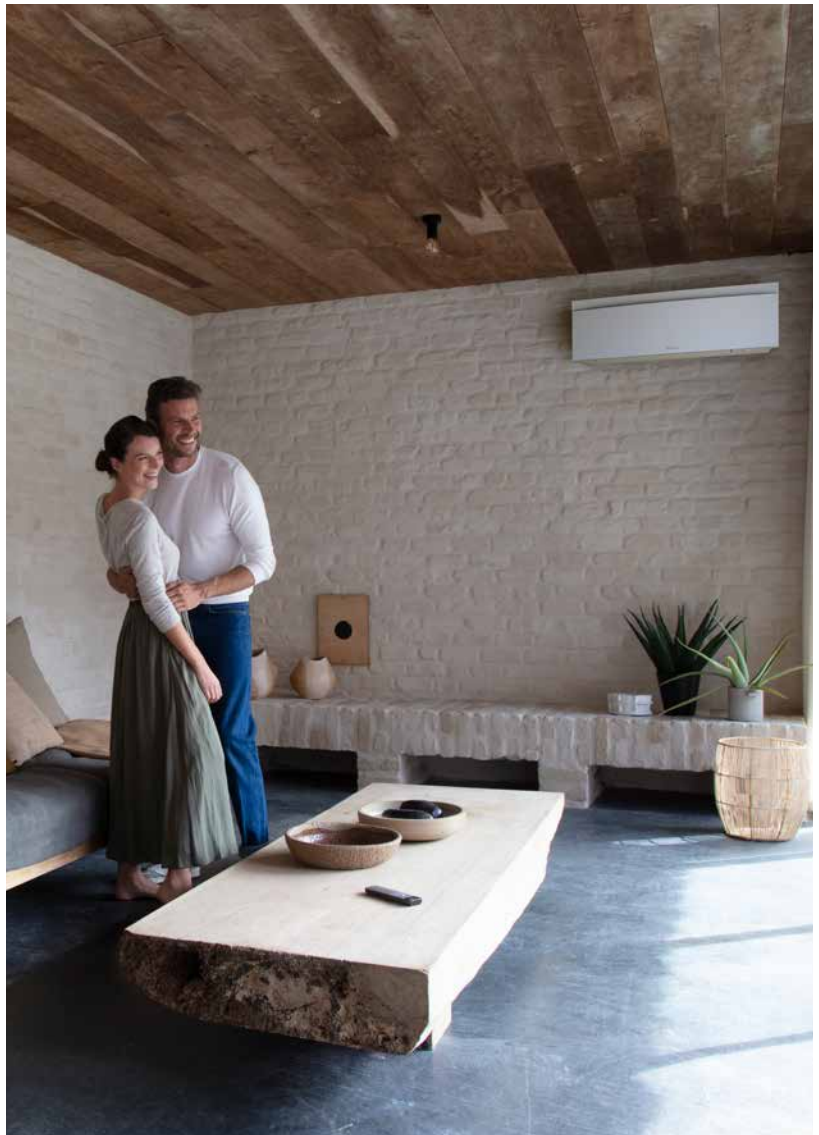
Pair: RXJ20-25-35A
Multi: 2MXM40-50A / 3MXM40A
553 x 840 x 350 mm

Pair: RXJ42-50A
Multi: 2MXM68A / 3MXM52-68A / 4MXM68-80A / 5MXM90A
734 x 954 x 408 mm

Installation

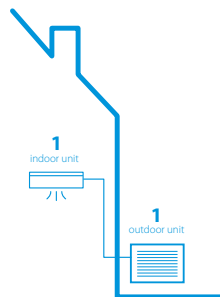
Pair or multi split system?

Daikin Emura connects to a compact pair or multi outdoor unit. Now, what's the best solution for you? A licensed Daikin installer will help you select the outdoor unit that best suits your needs.



Pair split combination

A system for one space, where one indoor unit is connected to one outdoor unit.



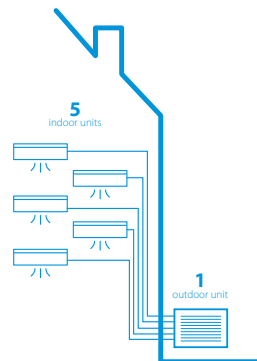
Pair solution: one outdoor unit connected to one indoor unit

Multi split combination

Connect one multi outdoor unit with up to five indoor units. This is a smart solution for reducing the environmental impact and saving space in your garden or on your terrace.

- Less mounting space, less visibility, less noise
- Easier installation (wiring, piping), lower maintenance
- Lower power consumption, higher energy efficiency
- Flexibility: each unit can be controlled separately

Multi solution: one outdoor unit connected to several indoor units



Technical specification

| Indoor Units | White (RAL 9002) | | FTXJ20AW | FTXJ25AW | FTXJ35AW | FTXJ42AW | FTXJ50AW |
|---------------------------------------|---------------------------|--------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | Silver (RAL 9006) | | FTXJ20AS | FTXJ25AS | FTXJ35AS | FTXJ42AS | FTXJ50AS |
| | Black (RAL 9005) | | FTXJ20AB | FTXJ25AB | FTXJ35AB | FTXJ42AB | FTXJ50AB |
| Capacity | UK Total Cooling | kW | 2.25 | 2.35 | 3.28 | 4.50 | 4.89 |
| | UK Sensible Cooling | kW | 1.84 | 1.92 | 2.47 | 3.16 | 3.18 |
| | Nominal Cooling | kW | 2.0 | 2.5 | 3.4 | 4.2 | 5.0 |
| | Nominal Heating | kW | 2.5 | 2.8 | 4.0 | 5.4 | 5.8 |
| Seasonal Efficiency (EN14825) COOLING | Energy Label | | A+++ | A+++ | A+++ | A++ | A++ |
| | Pdesign | kW | 2.00 | 2.50 | 3.40 | 4.20 | 5.00 |
| | SEER | | 8.75 | 8.74 | 8.73 | 7.5 | 7.33 |
| | Annual Energy Consumption | kWh | 80 | 100 | 136 | 196 | 239 |
| Seasonal Efficiency (EN14825) HEATING | Energy Label | | A+++ | A+++ | A+++ | A++ | A++ |
| | Pdesign | kW | 2.40 | 2.45 | 2.50 | 3.80 | 4.00 |
| | SCOP | | 5.15 | 5.15 | 5.15 | 4.60 | 4.60 |
| | Annual Energy Consumption | kWh | 652 | 666 | 680 | 1156 | 1218 |
| Air Flow Rate (Cooling) | High / Med / Low / Silent | m³/sec | 0.148/0.110/0.073/0.043 | 0.148/0.110/0.073/0.043 | 0.182/0.130/0.080/0.048 | 0.182/0.148/0.113/0.060 | 0.148/0.110/0.073/0.043 |
| Dimensions | Height x Width x Depth | mm | 305 x 900 x 214 | 305 x 900 x 214 | 305 x 900 x 214 | 305 x 900 x 214 | 305 x 900 x 214 |
| Weight | | kg | 12 | 12 | 12 | 12 | 12 |
| Sound Pressure (Cooling) | High / Med / Low / Silent | dBA | 39/32/25/19 | 40/33/25/19 | 41/33/25/19 | 45/37/29/21 | 46/39/31/24 |
| Sound Pressure (Heating) | High / Med / Low / Silent | dBA | 39/32/25/19 | 40/33/25/19 | 41/33/25/19 | 45/37/29/21 | 46/42/33/24 |
| Sound Power (Cooling) | | dBA | 57 | 57 | 60 | 60 | 60 |

| Outdoor Units | | | RXJ20A | RXJ25A | RXJ35A | RXJ42A | RXJ50A |
|---------------------------|-----------------------------|-------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|
| Dimensions | Height x Width x Depth | mm | 553 x 840 x 350 | 553 x 840 x 350 | 553 x 840 x 350 | 734 x 954 x 408 | 734 x 954 x 408 |
| Weight | | kg | 32 | 32 | 32 | 49 | 49 |
| Electrical Details | Power Supply | | 1ph | 1ph | 1ph | 1ph | 1ph |
| | Maximum Input Current (MCA) | A | 7.9 | 7.9 | 8.8 | 11.3 | 11.3 |
| | Max Fuse Size | A | 10 | 10 | 10 | 13 | 13 |
| Interconnection Wiring | Core / Cable size | | 3+E / 1.5 | 3+E / 1.5 | 3+E / 1.5 | 3+E / 1.5 | 3+E / 1.5 |
| Piping Connections | Liquid / Gas | inches (mm) | 1/4 (6.4) / 3/8 (9.5) | 1/4 (6.4) / 3/8 (9.5) | 1/4 (6.4) / 3/8 (9.5) | 1/4 (6.4) / 1/2 (12.7) | 1/4 (6.4) / 1/2 (12.7) |
| Pipework | Maximum Length | m | 20 | 20 | 20 | 30 | 30 |
| | Maximum Vertical Rise | m | 15 | 15 | 15 | 20 | 20 |
| | Precharged to | m | 10 | 10 | 10 | 10 | 10 |
| | Additional charge | g/m | 20 | 20 | 20 | 20 | 20 |
| | Holding Charge | kg | 0.76 | 0.76 | 0.76 | 1.15 | 1.15 |
| Sound Pressure (Cooling) | Nominal | dBA | 46 | 46 | 49 | 48 | 48 |
| Sound Pressure (Heating) | Nominal | dBA | 47 | 47 | 49 | 48 | 49 |
| Sound Power (Cooling) | | dBA | 59 | 59 | 61 | 62 | 62 |
| Operating Range (Cooling) | Min / Max | °CDB | -10 / 50 | -10 / 50 | -10 / 50 | -10 / 50 | -10 / 50 |
| Operating Range (Heating) | Min / Max | °CWB | -20 / 24 | -20 / 24 | -20 / 24 | -20 / 24 | -20 / 24 |
| Air Flow Rate (Cooling) | Nominal | m³/sec | 0.567 | 0.567 | 0.600 | 0.777 | 0.777 |
| Meets ETL criteria | | | ● | ● | ● | ● | ● |

Accessories:

| Accessory Ref | Description |
|---------------|--------------------------------------------------------------------|
| EKRS21 | Wire harness for S21 port for all marked (*) options |
| BRC073* | Wired remote control - connection cable required |
| BRCW901A03 | 3m extension cord required for wired remote controller BRC073 |
| BRCW901A08 | 8m extension cord required for wired remote controller BRC073 |
| K.CGM | Condensing unit guard (1150 x 1150 x 650) |
| K.CGS | Condensing unit guard (750 x 1050 x 460) |
| K.CWB90-2 | Wall bracket (90kg, 500mm support arm) |
| K.DT1 | Condensate drip tray for use with K.CWB90-2 |
| KLIC-DDV3* | KNX interface for Split type systems |
| KRP413A1S* | Adaptor PCB for remote on/off control - constant/pulse contact |
| KRP928A2S* | Adaptor PCB for interface to Daikin centralised control systems |
| RTD-RA* | Adaptor PCB for Modbus connection and/or extended system functions |

Notes & Features:

- › All fan coils are supplied with infrared remote controller ARC488A1 (7-day schedule timer)
- › All fan coils have auto restart after power failure
- › Wired controller, KLIC-DI and RTD-RA options cannot be combined
- › Sleek, low profile design
- › Night set mode
- › Improved air purifying filter: superior purification and deodorisation of the air inside the room
- › 2-area intelligent eye and presence sensor
- › 5 fan speeds can be selected; from high to super low
- › Can be connected with R410A Mini VRV using BPMK boxes
- › RXJ20-35A can reduce the sound power by a further 6 dB(A)
- › Latest indoor air quality Flash Streamer technology included

| | Connectable indoor units | FTXJ20AW/S/B | FTXJ25AW/S/B | FTXJ35AW/S/B | FTXJ42AW/S/B | FTXJ50AW/S/B |
|-------|--------------------------|--------------|--------------|--------------|--------------|--------------|
| MULTI | 2MXM40A | ○ | ○ | ○ | - | - |
| | 2MXM50A | ○ | ○ | ○ | ○ | ○ |
| | 2MXM68A | ○ | ○ | ○ | ○ | ○ |
| | 3MXM40A | ○ | ○ | ○ | - | - |
| | 3MXM52A | ○ | ○ | ○ | ○ | ○ |
| | 3MXM68A | ○ | ○ | ○ | ○ | ○ |
| | 4MXM68A | ○ | ○ | ○ | ○ | ○ |
| | 4MXM80A | ○ | ○ | ○ | ○ | ○ |
| | 5MXM90A | ○ | ○ | ○ | ○ | ○ |



HI, I'M ABOUT TO CHANGE
YOUR LIFE AT HOME —

Daikin Airconditioning UK Limited The Heights Brooklands Weybridge Surrey KT13 0NY Tel 01932 879000 daikin.co.uk

Best Air Commercial & Domestic Ltd
25 Tavistock St Bedford MK40 2RB
Tel 07827 460131 or 07884 324004
E-Mail: info@bestaircon.co.uk
Web Site: www.bestaircon.co.uk

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ECPEN22-003 /06.22



Visualise the Daikin Emura indoor unit in your home with the 3D app



Android



iOS