



Form.  
Function.  
Redesigned.



Discover a new world of interior design

# Design at its best

“Daikin Emura was created to offer the perfect balance of technological performance and aerodynamics design”

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.

## 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, IF Design Award 2015 and Good Design Award 2014. 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.

## BLUEEVOLUTION

Only the best is good enough when it comes to your home. Now, Daikin has taken comfort to a whole new level by reimagining a pure atmosphere with its Bluevolution range. When you choose Daikin technologies, you can count on year-round comfort, energy efficiency, reliability and control.



GOOD  
DESIGN



German  
Design Award  
SPECIAL  
MENTION 2015



Focus Open 2014  
Silver



reddot award 2014  
winner



DESIGN  
AWARD  
2015

# 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. It ensures the indoor environment is optimised, so architects, engineers and customers get the perfect solution.

Air-to-air heat pumps extract 80% of their output energy by transferring ambient heat from the air around us. Advanced energy-saving technologies such as re-designed swing compressors, deliver high energy efficiency for optimum performance.





# Smart & Efficient

- > Curved front panel
- > Sleek, elegant appearance
- > Smooth operation
- > Intelligent sensors for optimal performance

## Features

- > Stylish finish in silver, anthracite or pure matt white
- > Seasonal Energy Efficiency Ratio (SEER) of up to 8.73
- > Highest possible energy label **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 18°C for heating
- > Can be controlled remotely
- > Silver allergen removal and air purifying filter: captures allergens such as pollen and dust mites
- > Daikin Emura systems are on the Energy Technology List, so eligible for tax relief (ECA).



# 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.



Whisper quiet, down to 19 dB(A)

### 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 louvres creating an even distribution of air throughout the room, even into the corners of large spaces.

### Comfort mode

Draught-free operation improves comfort. When cooling, the louvre positions itself horizontally to prevent cold airflow from being blown directly onto the body. When heating, the louvre 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, breaking down odours and absorbing organic contaminants such as bacteria and viruses.

### 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.



Always in  
Control



# Discover a new world

## Easy control

The easy-to-use remote controller provides absolute control of the room temperature from any location. With a large user friendly display, the controller can be set up at the touch of a button and connects to the unit by wi-fi.



Infrared remote control

## Always in control, no matter where you are

The plug-and-play standard\* WLAN device 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.



Online controller



**Control** the operation mode, set temperature, air purification, air flow rate and direction



**Schedule** the set temperature and operation mode with up to 4 actions per day for 7 days.



**Monitor** your energy consumption on daily, weekly or yearly basis. Save power consumption with power limitation and econo mode. Set holiday schedule when absent for a longer period (only applicable for FTXJ-M)



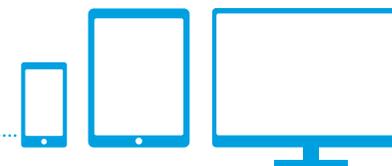
**Identify** the rooms in your house to easily control the correct unit



Daikin Emura comes standard\* with a built-in wifi adapter



WiFi



\* standard for FTXJ-M series, optional for FTXG-L series



## FTXJ-MW/S / RXJ-M



BLUEEVOLUTION

| Indoor Units                             |                           |                     | Matt Crystal White        |                           |                           |                           | Silver                    |                           |                           |                           |
|--|---------------------------|---------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|  |                           |                     | FTXJ20MW                  | FTXJ25MW                  | FTXJ35MW                  | FTXJ50MW                  | FTXJ20MS                  | FTXJ25MS                  | FTXJ35MS                  | FTXJ50MS                  |
| Capacity                                 | UK Total Cooling          | kW                  | 2.25                      | 2.35                      | 3.42                      | 4.69                      | 2.25                      | 2.35                      | 3.42                      | 4.69                      |
|  | UK Sensible Cooling       | kW                  | 1.84                      | 1.88                      | 2.51                      | 3.09                      | 1.84                      | 1.88                      | 2.51                      | 3.09                      |
|  | Nominal Cooling           | kW                  | 2.0                       | 2.5                       | 3.5                       | 5.0                       | 2.0                       | 2.5                       | 3.5                       | 5.0                       |
|  | Nominal Heating           | kW                  | 2.5                       | 3.4                       | 4.0                       | 5.8                       | 2.5                       | 3.4                       | 4.0                       | 5.8                       |
| Seasonal Efficiency (EN14825)<br>COOLING | Energy Label              |                     | A+++                      | A+++                      | A++                       | A++                       | A+++                      | A+++                      | A++                       | A++                       |
|  | Pdesign                   | kW                  | 2.3                       | 2.4                       | 3.5                       | 4.8                       | 2.3                       | 2.4                       | 3.5                       | 4.8                       |
|  | SEER                      |                     | 8.73                      | 8.64                      | 7.19                      | 7.02                      | 8.73                      | 8.64                      | 7.19                      | 7.02                      |
|  | Annual Energy Consumption | kWh                 | 92                        | 97                        | 170                       | 239                       | 92                        | 97                        | 170                       | 239                       |
| Seasonal Efficiency (EN14825)<br>HEATING | Energy Label              |                     | A++                       | A++                       | A++                       | A+                        | A++                       | A++                       | A++                       | A+                        |
|  | Pdesign                   | kW                  | 2.1                       | 2.7                       | 3.0                       | 4.6                       | 2.1                       | 2.7                       | 3.0                       | 4.6                       |
|  | SCOP                      |                     | 4.60                      | 4.60                      | 4.60                      | 4.28                      | 4.60                      | 4.60                      | 4.60                      | 4.28                      |
|  | Annual Energy Consumption | kWh                 | 638                       | 822                       | 913                       | 1505                      | 638                       | 822                       | 913                       | 1505                      |
| Nominal Efficiency                       | EER/COP                   |                     | 4.64 / 5.00               | 4.73 / 4.57               | 4.09 / 4.04               | 3.35 / 3.65               | 4.64 / 5.00               | 4.73 / 4.57               | 4.09 / 4.04               | 3.35 / 3.65               |
| Air Flow Rate (Cooling)                  | High / Nom / Low / Silent | m <sup>3</sup> /sec | 0.148 / - / 0.073 / 0.043 | 0.148 / - / 0.073 / 0.044 | 0.182 / - / 0.080 / 0.048 | 0.182 / - / 0.113 / 0.060 | 0.148 / - / 0.073 / 0.043 | 0.148 / - / 0.073 / 0.044 | 0.182 / - / 0.080 / 0.048 | 0.182 / - / 0.113 / 0.060 |
| Dimensions                               | Height                    | mm                  | 303                       | 303                       | 303                       | 303                       | 303                       | 303                       | 303                       | 303                       |
|  | Width                     | mm                  | 998                       | 998                       | 998                       | 998                       | 998                       | 998                       | 998                       | 998                       |
|  | Depth                     | mm                  | 212                       | 212                       | 212                       | 212                       | 212                       | 212                       | 212                       | 212                       |
| Weight                                   |                           | kg                  | 12                        | 12                        | 12                        | 12                        | 12                        | 12                        | 12                        | 12                        |
| Sound Pressure (Cooling)                 | High / Nom / Low / Silent | dBA                 | 38 / 32 / 25 / 19         | 38 / 32 / 25 / 19         | 45 / 34 / 26 / 20         | 46 / 40 / 35 / 32         | 38 / 32 / 25 / 19         | 38 / 32 / 25 / 19         | 45 / 34 / 26 / 20         | 46 / 40 / 35 / 32         |
| Sound Pressure (Heating)                 | High / Nom / Low / Silent | dBA                 | 40 / 34 / 28 / 19         | 41 / 34 / 28 / 19         | 45 / 37 / 29 / 20         | 47 / 41 / 35 / 32         | 40 / 34 / 28 / 19         | 41 / 34 / 28 / 19         | 45 / 37 / 29 / 20         | 47 / 41 / 35 / 32         |
| Sound Power (Cooling)                    |                           | dBA                 | 54                        | 54                        | 59                        | 60                        | 54                        | 54                        | 59                        | 60                        |
| Outdoor Units                            |                           |                     | RXJ20M                    | RXJ25M                    | RXJ35M                    | RXJ50M                    | RXJ20M                    | RXJ25M                    | RXJ35M                    | RXJ50M                    |
| Dimensions                               | Height x Width x Depth    | mm                  | 550 x 765 x 285           | 550 x 765 x 285           | 550 x 765 x 285           | 735 x 825 x 315           | 550 x 765 x 285           | 550 x 765 x 285           | 550 x 765 x 285           | 735 x 825 x 315           |
| Weight                                   |                           | kg                  | 34                        | 34                        | 34                        | 47                        | 34                        | 34                        | 34                        | 47                        |
| Electrical Details                       | Power Supply              |                     | 1ph                       |
|  | Running Current           | A                   | 2.67                      | 2.82                      | 4.18                      | 6.43                      | 2.67                      | 2.82                      | 4.18                      | 6.43                      |
|  | Starting Current          | A                   | 2.6                       | 3.6                       | 4.6                       | 6.9                       | 2.6                       | 3.6                       | 4.6                       | 6.9                       |
|  | Max Fuse Size             | A                   | 10                        | 10                        | 10                        | 15                        | 10                        | 10                        | 10                        | 15                        |
| Interconnection Wiring                   | Core / Cable size         |                     | 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) / 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)    |
|  |                           |                     |                           |                           |                           |                           |                           |                           |                           |                           |
| Pipework                                 | Maximum Length            | m                   | 20                        | 20                        | 20                        | 30                        | 20                        | 20                        | 20                        | 30                        |
|  | Maximum Vertical Rise     | m                   | 15                        | 15                        | 15                        | 20                        | 15                        | 15                        | 15                        | 20                        |
|  | Precharged to             | m                   | 10                        | 10                        | 10                        | 10                        | 10                        | 10                        | 10                        | 10                        |
|  | Additional charge         | g/m                 | 20                        | 20                        | 20                        | 20                        | 20                        | 20                        | 20                        | 20                        |
|  | Holding Charge            | kg                  | 0.72                      | 0.72                      | 0.72                      | 1.30                      | 0.72                      | 0.72                      | 0.72                      | 1.30                      |
| Sound Pressure (Cooling)                 | High / Low / Silent       | dBA                 | 46 / - / 43               | 46 / - / 43               | 48 / - / 45               | 48 / - / 45               | 46 / - / 43               | 46 / - / 43               | 48 / - / 45               | 48 / - / 45               |
| Sound Pressure (Heating)                 | High / Low / Silent       | dBA                 | 47 / - / 44               | 47 / - / 44               | 48 / - / 45               | 48 / - / 45               | 47 / - / 44               | 47 / - / 44               | 48 / - / 45               | 48 / - / 45               |
| Sound Power (Cooling)                    |                           | dBA                 | 61                        | 61                        | 63                        | 63                        | 61                        | 61                        | 63                        | 63                        |
| Operating Range (Cooling)                | Min / Max                 | °CDB                | -10 / 46                  | -10 / 46                  | -10 / 46                  | -10 / 46                  | -10 / 46                  | -10 / 46                  | -10 / 46                  | -10 / 46                  |
| Operating Range (Heating)                | Min / Max                 | °CWB                | -15 / 18                  | -15 / 18                  | -15 / 18                  | -15 / 18                  | -15 / 18                  | -15 / 18                  | -15 / 18                  | -15 / 18                  |
| Air Flow Rate (Cooling)                  | High                      | m <sup>3</sup> /sec | 0.575                     | 0.575                     | 0.616                     | 0.830                     | 0.575                     | 0.575                     | 0.616                     | 0.830                     |
| ECA Eligible                             |                           |                     | •                         | •                         | •                         | •                         | •                         | •                         | •                         | •                         |



RXJ20-35M

### Accessories:

| Accessory Ref | Description   |
|---------------|---|
| BRC073        | Optional wired remote controller BRC1E53 style - Connection cable required. |
| BRCW901A03    | 3m connection cable for BRC073  |
| BRCW901A08    | 8m connection cable for BRC073  |
| K.CGM         | Condensing unit guard size 50   |
| K.CGS         | Condensing unit guard size 20-35  |
| K.CWB90-2     | Condensing unit bracket - up to size 50, max weight 90kg of ODU             |
| K.DT1         | Condensate drip tray for use with K.CWB90-2                                 |
| KLIC-DD       | 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          |

# For residential applications

## VRV IV S-Series RXYSQ-T



Designed specifically for Europe, Daikin premium mini VRV system can handle any climate control requirement

| Outdoor Units                   |                        |                | RXYSCQ4TV1         | RXYSCQ5TV1         |
|---------------------------------|------------------------|----------------|--------------------|--------------------|
| Capacity                        | Nominal Cooling        | kW             | 12.1               | 14.0               |
|                                 | Nominal Heating        | kW             | 12.1               | 14.0               |
| Power Input 50Hz                | Cooling                | kW             | 3.43               | 4.26               |
|                                 | Heating                | kW             | 3.18               | 3.91               |
| EER                             |                        |                | 3.53               | 3.29               |
| COP                             |                        |                | 3.81               | 3.58               |
| Dimensions                      | Height x Width x Depth | mm             | 823 x 940 x 460    | 823 x 940 x 460    |
| Weight                          |                        | kg             | 94                 | 94                 |
| Refrigerant Circuit             | Refrigerant Type       |                | R410A              | R410A              |
| Sound Pressure (Nom)            | Cooling                | dBA            | 51                 | 52                 |
| Sound Power (Nom)               | Cooling                | dBA            | 68                 | 69                 |
| Maximum No of Connectable Units |                        |                | 8                  | 10                 |
| Electrical Details              | Power Supply           | Phase / Hz / V | 1 / 50 / 230       | 1 / 50 / 230       |
|                                 | Running Current        | amps           | 19                 | 19                 |
|                                 | Starting Current       | amps           | 4                  | 4                  |
|                                 | Fuse Rating            | amps           | 32                 | 32                 |
| Piping Limits                   | Total Piping length    | m              | 300                | 300                |
|                                 | Maximum Length         | m              | 70 (90 equivalent) | 70 (90 equivalent) |
|                                 | Maximum Vertical Rise  | m              | 30                 | 30                 |
| Piping Connections              | Liquid                 | inch (mm)      | 3/8 (9.5)          | 3/8 (9.5)          |
|                                 | Gas                    | inch (mm)      | 5/8 (15.9)         | 5/8 (15.9)         |
| Capacity Index Limit            |                        |                | 50~130             | 62.5~162.5         |

Up to 9 indoor units can be connected to a single Mini VRV outdoor unit. To allow connection of the split indoor units, the system will need two or three BPMK boxes.



## BPMK



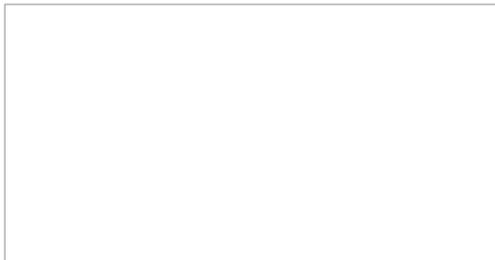
| Daikin's range of split indoor units |                                     |             | BPMKS967A2           | BPMKS967A3           |
|--------------------------------------|-------------------------------------|-------------|----------------------|----------------------|
| Dimensions                           | Height x Width x Depth              | mm          | 180 x 650 x 350      | 180 x 650 x 350      |
| Weight                               |                                     | kg          | 7.5                  | 8.0                  |
| Total Indoor Capacity                |                                     | kW          | 14.2                 | 20.8                 |
| Connectable Units                    |                                     |             | 2                    | 3                    |
| Electrical Details                   | Power Supply                        |             | 1~ 220 - 240V, 50 Hz | 1~ 220 - 240V, 50 Hz |
|                                      | Power Input                         | kW          | 0.01                 | 0.01                 |
| Piping Limits                        | Maximum Total - outdoor to BPMK box |             | 55                   | 55                   |
|                                      | Distance from BPMK to indoor        |             | 15                   | 15                   |
| Piping Connections Indoor            | Liquid                              | Inches (mm) | 2 x 1/4 (6.4)        | 3 x 1/4 (6.4)        |
|                                      | Gas                                 | Inches (mm) | 2 x 5/8 (15.9)       | 3 x 5/8 (15.9)       |
| Piping Connections Outdoor           | Liquid                              | Inches (mm) | 1 x 3/8 (9.5)        | 1 x 3/8 (9.5)        |
|                                      | Gas                                 | Inches (mm) | 1 / 3/4 (19.0)       | 1 / 3/4 (19.0)       |



RXYSCQ-P8V1



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