DAIKIN

Form.
Function.
Redesigned.

DAIKIN
emura

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,

yellow design gmbh

Managing Director at 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.

BLUEVOLUTION

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

- 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.

Wisper 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 contaninants 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

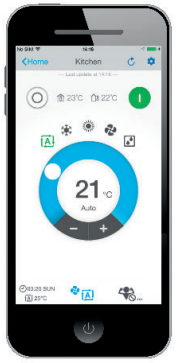
The easy-to-use remote controller provides absolute control of the room temperature from any location. With a large user friendly display, the controller can be set up at the touch of a button and connects to the unit by wi-fi.

Infrared remote control

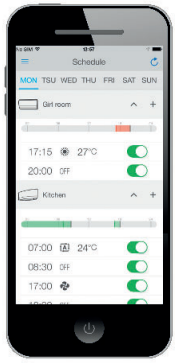
Always in control, no matter where you are

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

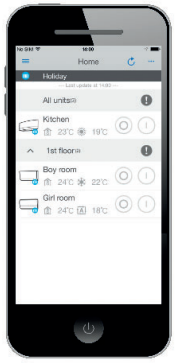


Control the operation mode, set temperature, air purification, air flow rate and direction

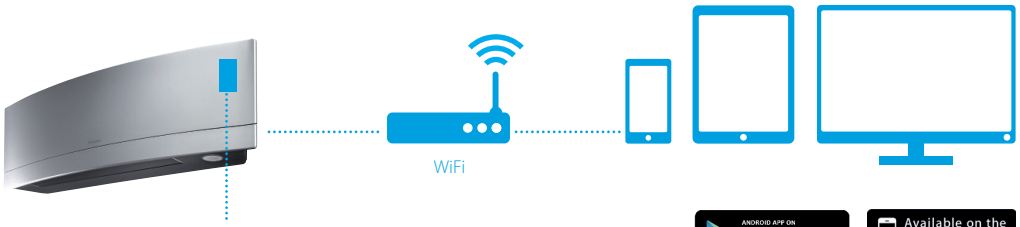


Schedule the set temperature and operation mode with up to 4 actions per day for 7 days.

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

ANDROID APP ON Google play

Available on the App Store

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

FTXJ-MW/S / RXJ-M

DAIKIN emura

BLUEVOLUTION

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) 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) 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^3/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	1ph	1ph	1ph	1ph	1ph	1ph	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	3+E / 1.5	3+E / 1.5	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) / 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^3/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 RXYSCQ-T

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

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)

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

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.

RXYSQ-P8V1

UKEPCEN19-977 / 03.19

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

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