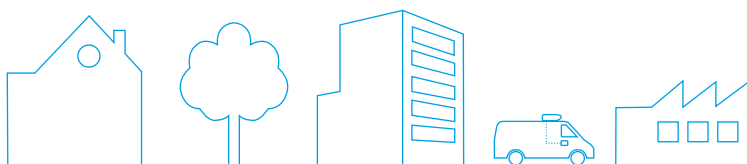




Residential & Light Commercial Air to Air Solutions



Residential air to air solutions

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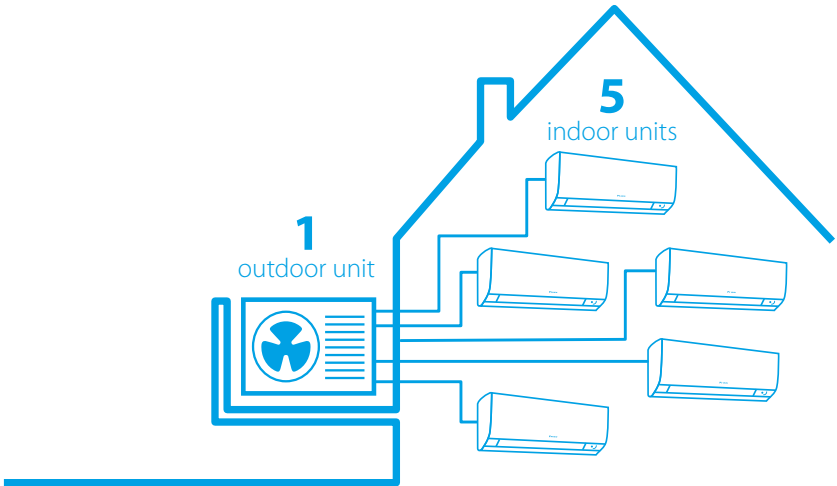
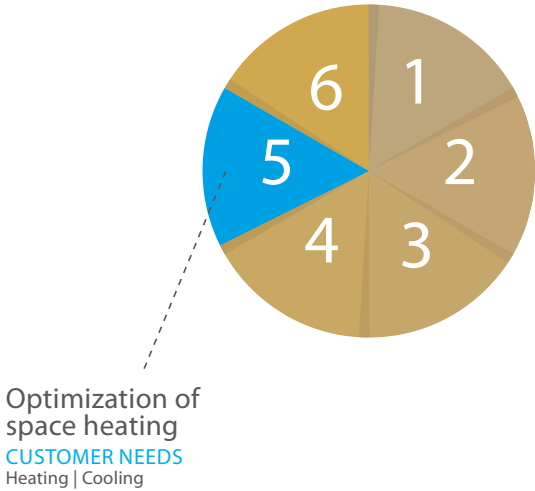
The Bluevolution technology combines a specifically developed compressor and the R-32 refrigerant. Daikin is the first company in the world to launch heat pumps equipped with R-32. With a lower Global Warming Potential (GWP), the R-32 is equivalent in power to standard refrigerants, but achieves higher energy efficiency and lower CO₂ emissions. Easy to recover and reuse, R-32 is the perfect solution for attaining the new European CO₂ emission targets.

For latest data, please consult my.daikin.eu

Why choose Multi?

Your customer's house:

- › Up to 5 rooms to be heated/cooled
- › Located in a warm or average climate region
- › Any number of inhabitants
- › A single or multi family house



Legend
› Connect Multi outdoor unit with up to 5 indoor units.

1 - Flexibility

There are many possibilities in comfort you can profit from a multi split solution:

- Up to 5 indoor** units connectable to **only one outdoor** unit
- Every single indoor unit can be **regulated separately**
- Choose from a **greater variety** of connectable indoor unit types out of our split and Sky Air series
- Are you planning an additional indoor unit later on? Just **decide now** for an outdoor unit with higher capacity and simply **connect it later**.
- Use **low capacity** indoor units specially designed for small rooms which can only be connected to a multi split system

2 - Efficiency

Our big compressors can work very efficiently thanks to the inverter principle. Only the necessary capacity is produced according to the number of indoor units that are switched on. With efficiencies up to A+++* in heating, your customer can drastically reduce the energy bill.

* Perfera C/FTXM-A in combination with 3MXM52A(9)
For exact combinations, please refer to the multi specifications on p. <?>

BLUEVOLUTION

Equipped with Bluevolution technology
providing low environmental impact

up to

A+++*

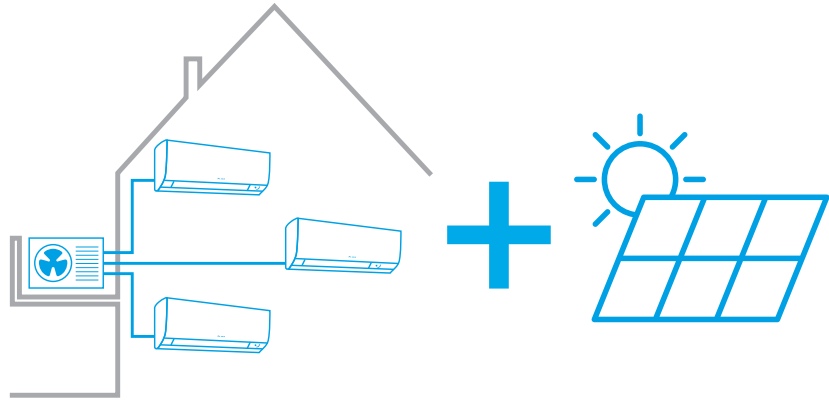
in heating

up to

A+++

in cooling

Quickly reduce on the energy consumption



3 - Easy installation, piping and wiring

Wherever you want to place an outdoor unit, for every unit you will need correct mounting equipment for a secure fixing and problem-free operation.

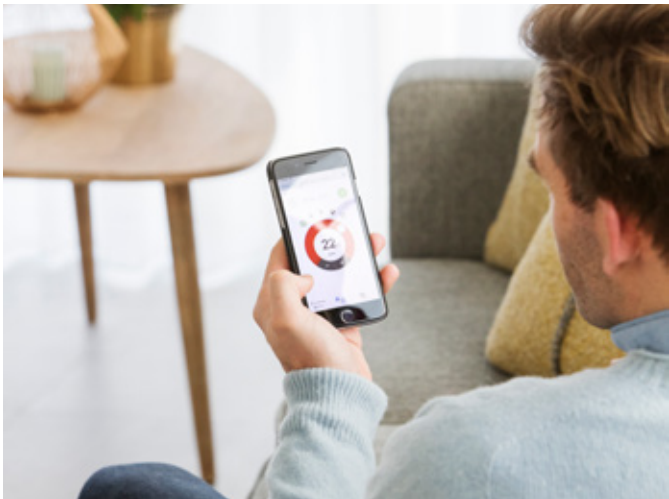
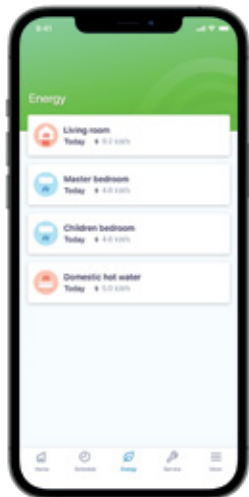
The physical installation, wiring, drain piping as well as the initial setup of only one system is easy and fast.

4 - Full comfort offering heating AND cooling

Adding a multi system to the existing gas boiler, saves energy and offers a high level of comfort. And as a plus, not only heating but also cooling is offered with high efficiencies. But if needed, the heat lock mode exists to block the system to only operate in heating mode.

6 - Control your units, wherever you are

All indoor units are individually controllable with their supplied remote control or via the Onecta app. The Daikin Onecta app enables scheduling, controlling and monitoring of each air-to-air heat pump also via voice control. Onecta is compatible with Amazon Alexa and Google Assistant.



5 - Limited mounting space, low sound

Limited mounting space

The multi outdoor unit is very compact, which can be installed in different ways (on the wall, on a terrace, in the back of a garden, etc.).

Low sound

Multi outdoor units are standardly very quiet, down to 46 dBA, similar to a dishwasher. Additionally, the Night Quiet Mode function reduces operating noise of the outdoor unit at nighttime, based upon your schedule. **DID YOU KNOW** A special software is developed on a range of outdoor units* to lower the sound level at all times if required by legislation.

*2MXM40-50A9, 3MXM40-52A9

Why choose Pair?

You already **have a heating system at home.**

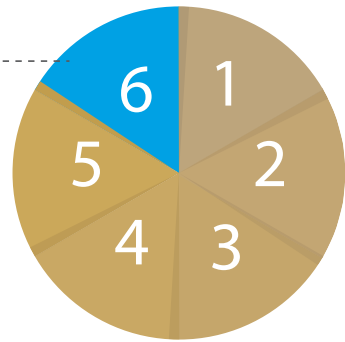
You **arranged your attic, green house or garage as**

a home office or a hobby room. You don't want to heat

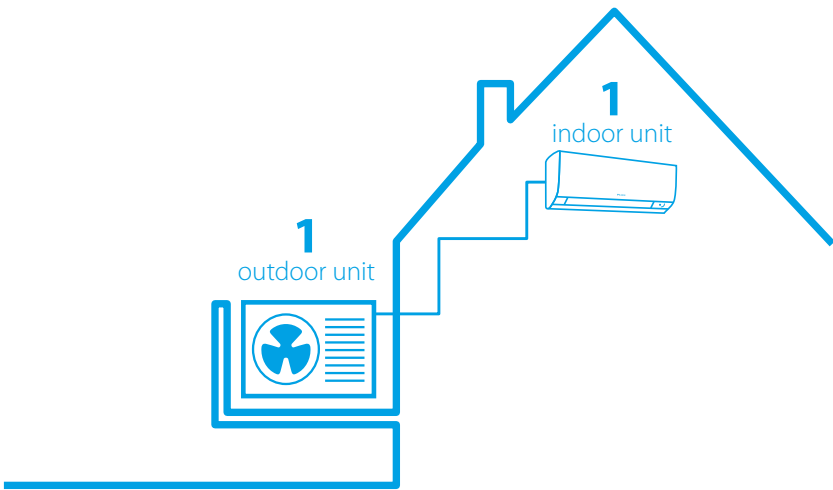
this additional zone all the time but you need comfortable and efficient solution all year long.

Your customer's house:

- > 1 additional room to heat or cool
- > Located in any region *
- > Any number of inhabitants
- > A single or multi family house



Optimize an additional zone
CUSTOMER NEEDS
Heating | Cooling



Legend

> Connect one outdoor unit to one indoor unit.

1 - Flexibility

Your customer can choose the indoor unit that is most suitable for the installation

- > Wall mounted unit: installed high on the wall, available in many sizes and colours, from which some have earned **several awards for their innovative look and functional capabilities.**
- > Concealed ceiling unit: Keep things clean and uncluttered with a concealed ceiling unit. They are compact enough to fit any interior and can be installed discreetly so that only the air vents are visible.



FTXM-R



White FTXJ-AW



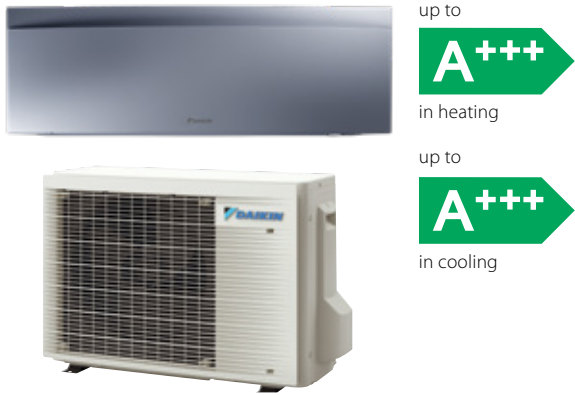
Silver FTXJ-AS



Black FTXJ-AB

2 - Efficiency

With the highest efficiencies in the market, a pair installation will save on your energy bill and provide comfort all year long.



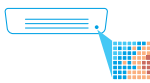
4 - Full comfort offering heating AND cooling

A split system saves energy and offers a high level of comfort to a room. And as a plus, not only heating but also cooling is offered with high efficiencies. Our indoor units are equipped with intelligent sensors and airflow techniques, to provide best comfort, both in heating as cooling.

3 - High heating capacities

Our pair units can provide heating down to -20°C*
*FTXJ-A/RXJ-A and FTXM-A/RXM-A combination

If outdoor temperature are even more severe, the Nepura range creates a comfortable interior environment while maintaining excellent energy efficiency ratings and guaranteeing high capacities even in **temperatures as low as -30°C, offering enhanced heating features.**



Intelligent thermal sensor

Daikin Emura FTXJ use an intelligent thermal sensor to detect the surface temperature of a room to create a more comfortable climate by directing the airflow that requires cooling or 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 large spaces.

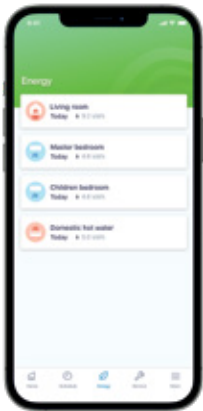


Coanda effect

By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room.

5 - Control your units, wherever you are

All indoor units are individually controllable with their supplied remote control or via the Onecta app. The Daikin Onecta app enables scheduling, controlling and monitoring of each air-to-air heat pump unit also via voice control. Onecta is compatible with Amazon Alexa and Google Assistant.



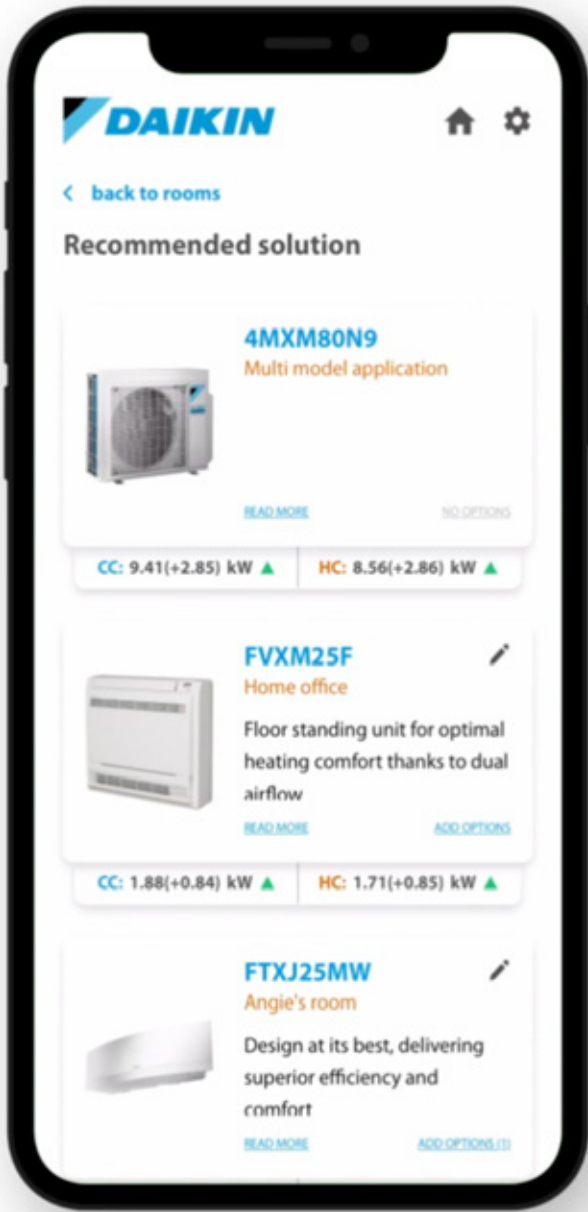
* For cold climate regions, please refer to the Nepura range

Multi Split selection software

Make an accurate selection of your Daikin Multi Split system in a few steps!

Easy web-based selection tool for our multi split range. It allows to choose the most designated system for each customer's individual needs.

- 1 Sign in with your Daikin ID
- 2 Create a new project or choose one of your previously created projects
- 3 Enter your project details
- 4 Enter the building details
- 5 Add rooms
- 6 The best solution is proposed



Go to multi.daikin.eu and watch the instruction video

E-Care app



NEW

Order your **spareparts** directly via the e-Care app, update the settings of your installation with a **Wifi USB** stick and avoid any possible mistake during commissioning of your installation thanks to the easy guidance of the **Commissioning Assistant**.

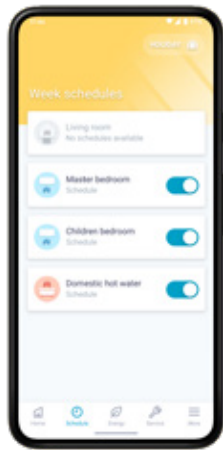


Onecta

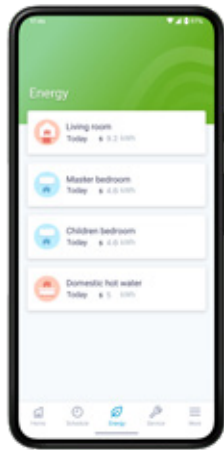
The Onecta app can control and monitor up to 50 split air conditioning units. All Bluevolution units are connectable with the Onecta app.



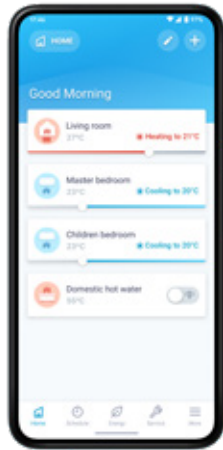
Control
Control operation mode, temperature, air purification, fan speed & direction



Schedule
Schedule the set temperature, operation mode and fan speed



Monitor
Monitor your energy consumption, set holiday schedule



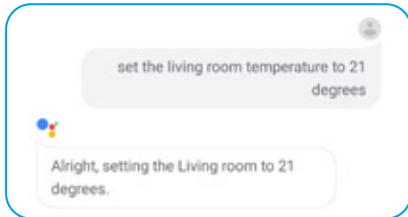
Identify
Identify the rooms of your house

Intuitive online and voice control

Control your system and enjoy maximum comfort, just by using your voice. Via Amazon Alexa or Google Assistant you can control main functions such as temperature set point, operation mode, fan speed, and much more!

Your benefits

- › Access to various features for controlling your internal climate
- › Manage the temperature, operating mode, air purification and fans with the interactive thermostat
- › Create different operating schedules and modes
- › Monitor energy consumption



Split Range Overview



Emura - FTXJ (silver, black & white)

UP TO A+++

Where innovation meets creativity: Design at it's best, delivering superior efficiency and comfort. Users can choose from three distinct colours (white, silver and black). Curved corners create an unobtrusive and space-saving design. Thin dimensions make it the most compact design unit on the market.

Perfera - FTXM

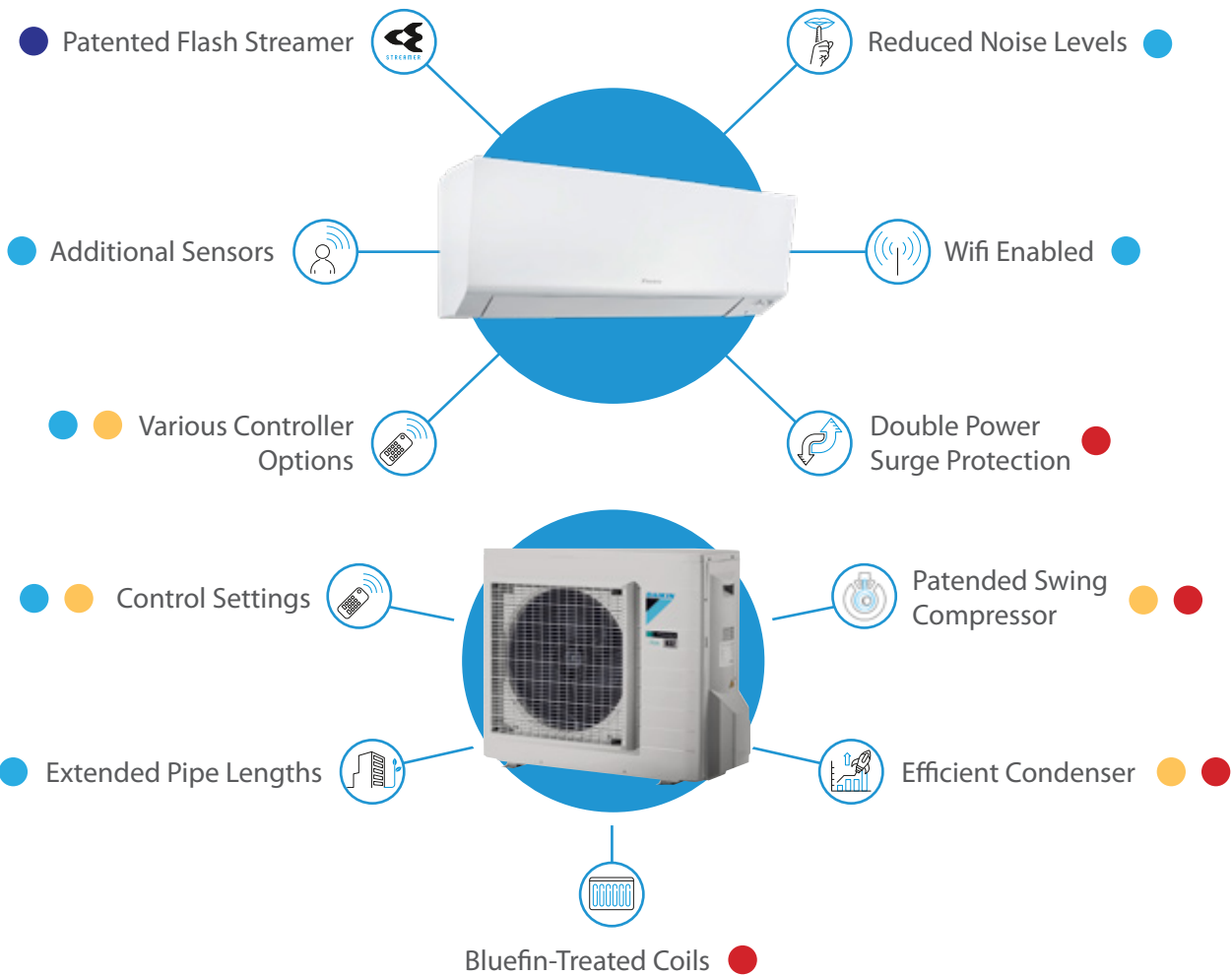
UP TO A+++

Designed for high performance and high efficiencies making cool living and working a breeze. Perfera instinctively knows how to keep the room temperature in your living or working space at the ideal level. With whisper-quiett operation and the perfect air circulation the unit help make each room the place you always want to be.

Sensira - FTXF

UP TO A++

Sensira offers good value for money with low energy consumption and pleasant comfort.



We Care Air Treatment Energy Efficiency Reliability



BLUEevolution

R-32

Product Philosophy

ADDITIONAL SENSORS 2-area intelligent eye 3D air flow	<p>The additional sensors control comfort in two ways:</p> <ol style="list-style-type: none">1. 2-area motion detection sensor: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting.2. 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 large spaces. After determining the current room temperature, the grid eye sensor distributes air evenly throughout the room before switching to an airflow pattern that directs warm or cool air to areas that need it.
AIR PURIFICATION Patented Flash Streamer	<p>Using electrons to trigger chemical reactions with air molecules, the Flash Streamer captures moulds, viruses and allergens. Along with the silver allergen air purifying filters, users will have an all year round cleaner and purified indoor environment.</p>
BLUEVOLUTION R-32 Refrigerant	<p>With a lower Global Warming Potential (GWP), R-32 is equivalent in power to standard refrigerants, but achieves higher energy efficiency and reduced CO2 emissions by 68% compared to R410a. The Bluevolution technology combines a specifically developed compressor and this R-32 refrigerant.</p>
COMPRESSOR Patented Swing	<p>With Daikin's patented swing compressor, the units efficiency is increased by 15% and furthermore increases the lifespan thus reducing overall running costs.</p>
CONDENSER	<p>Condenser coils, tubes are responsible for 30% of the heat transfer and fins are responsible for the other 70%. Daikin's evaporator and condenser are made from high-quality copper tubes, with incisions inside of the tubes to increase the exchange of heat even more and thus increasing efficiencies.</p>
CONTROLLER Wifi, Voice Control, Schedule, Control, Monitor Energy consumption	<p>Control your climate from any place. Either online, via a smartphone app, a user-friendly remote control or even your voice. Monitor on your energy consumption, set holiday schedules, temperatures, operation mode and fan speed.</p>
CORROSION PROTECTION BlueFin Corrosion Protection	<p>Daikin pre-treats all condenser coils with Blue Fin Corrosion Protection treatment. Salt Spray tested to over 3000 Hrs gives you excellent protection from all environments.</p>
EFFICIENCY RATING SEER	<p>All units are tested to stricter European standards known as Seasonal Energy Efficiency Ratio. These performance figures ensure your unit delivers the right power output / efficiency through all seasons.</p>
NOISE LEVELS Whisper Quiet	<p>Sound levels as low as 19 decibels. All units have been designed to reduce both indoor and outdoor acoustic levels, including a specially designed fan to optimise airflow for lower sound, and higher energy efficiency.</p>
PIPE LENGTHS Extended piping options	<p>This longer piping feature is specifically adapted to accommodate thicker walls and help contractors cut down on installation time. It also allows user more options for the placement of the outdoor unit.</p>
POWER SURGE PROTECTION M.O.V / G.F.T	<p>Double surge protection of electronics circuit boards using Metal Oxide Varistors and Gas Filled Tube resulting in double protection for your Daikin machine.</p>

Benefits Overview

		FTXJ-AW/S/B	FTXM	FTXF
WE CARE				
Econo mode		●	●	●
2-area motion detection sensor		●	●	
Energy saving during operation standby		●	●	●
Night set mode		●	●	
Fan only		●	●	●
COMFORT				
Comfort mode		●	●	●
Powerful mode		●	●	●
Auto cooling-heating changeover		●	●	●
Whisper quiet (down to 19dBA)		●	●	
Practically inaudible		●	●	
Indoor unit silent operation		●	●	●
Outdoor unit silent operation		●	●	
Heat boost		●	●	
AIR FLOW				
3-D Air flow		●	●	
Vertical auto swing		●	●	●
Horizontal auto swing		●	●	
Auto fan speed		●	●	●
Fan speed steps		5	5	3
HUMIDITY				
Dry Programme		●	●	●
AIR TREATMENT				
Flash Streamer		●	●	
Titanium apatite deodorising filter		●	●	
Silver allergen removal and air purifying filter		●	●	
Air filter		●	●	●
REMOTE CONTROL & TIMER				
Onecta app		●	●	●*
Weekly timer		●	●	
24 Hour timer		●	●	●
Infrared remote control		●	●	●
Wired remote control		●*	●*	
Centralised remote control		●	●	
OTHER FUNCTIONS				
Auto-restart		●	●	●
Self-diagnosis		●	●	●
Multi model application		●	●	

* Available as option

EER vs SEER

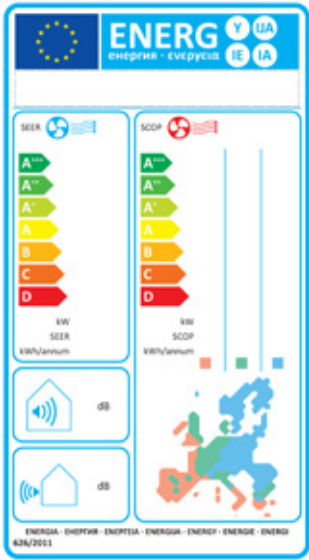
Why it's important to know the difference

When comparing air conditioning systems in terms of energy efficiency, you will come across various metrics that express the efficiency of an Air Conditioning system. Most common will be EER and SEER and it is important to understand the differences.

Currently South Africa energy labelling is using EER as a metric for energy efficiency. EER, which stands for Energy Efficiency Ratio, is an older metric that indicates the energy efficiency of an air conditioning unit at a specific constant temperature. The main downside is that it focuses on one point which is often not so relevant of the real life conditions you will run your air conditioner.

The expectation is that South Africa energy labelling will change and follow the trend of other areas, eg: European Union, and use metrics that reflect the performance over an entire cooling season. This is important so that consumers can take an educated and informed decision around their purchase as the performance in real life can largely differ.

All Daikin units in this catalogue comply to the European Minimum Energy Efficiency labelling and you will find both EER and SEER in our data. As such we can offer you the comfort that your purchase will deliver on its promise.



ENERGY EFFICIENCY RATIO (EER)	SEASONAL ENERGY EFFICIENCY RATIO (SEER)
<p>EER = cooling output (kw) / Power Input (kw) At 27 CDB indoor temperature and 35 CDB outdoor</p> <p>This will only give you an indication of a portion of the cooling season (only 1 temperature point), it will not show the effects of an inverter and it does not include the auxiliary modes (when unit is off, it will still consume power).</p>	<p>SEER includes:</p> <ul style="list-style-type: none">- Various temperature points => reflection of cooling season- Benefits of inverter vs non inverter will show as it includes partial capacity (you don't always need the full capacity of the aircon)- It includes auxiliary power as your aircon unit will consume power even when unit is not running.

This distinction is particularly significant in regions like South Africa, where climates can vary widely from hot summer days to cooler periods. Understanding the difference helps consumers and businesses choose the most effective and energy-saving solutions tailored to the local environment, ultimately leading to cost savings and more sustainable energy use.

For more info, scan the QR code

Bluevolution range

Thinking beyond today

From 2025 on, the European F-gas regulation prescribes the use of refrigerants with a GWP below 750 for all pair split air conditioner installations with a refrigerant charge below 3kg. R-410A (GWP 2087.5) will remain available for other applications and service.

Daikin first introduced R-32 in 2012. Its low GWP of 675, competitive energy efficiency, safety and affordability make it very attractive. From 2016 Daikin offers you a unique Bluevolution range of pair and multi units that once again sets the benchmark for residential air conditioning. An intelligent and fresh design combines leading efficiency values with top comfort features.

An old friend who doesn't make trouble

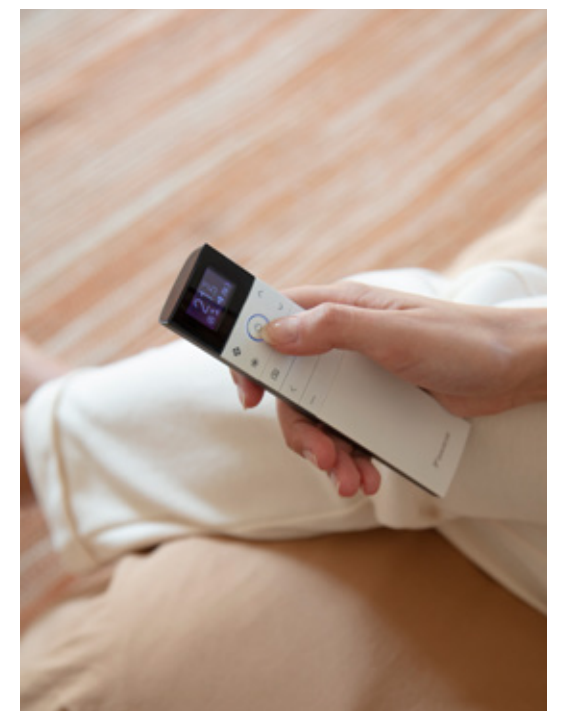
Using R-32 is not unknown territory because R-410A is a blend of 50 % R-32 and 50 % R-125. Additional benefits of using the single component refrigerant R-32 include the prevention of fractioning or gliding problems and easier recharging and recycling.

Handling as you like it: With working pressures similar to R-410A, the possibility to charge in both liquid and gas phase, and the availability of tools suitable for both R-32 and R-410A equipment, deciding for the Daikin Bluevolution range is easy.



Daikin Emura

Design that speaks for itself



Why choose Daikin Emura?

- Ultimate comfort, designed with the highest **quality** in mind... 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**.



red dot award 2022
winner

High energy efficiency

Seasonal efficiency gives a more realistic indication on how efficient air-to-air heat pump operate over an entire heating or cooling season. The label includes multiple classifications from A+++ to G. Daikin Emura achieves high energy efficiencies:

- SEER up to
- SCOP up to



Benefits



Almost inaudible with sound levels down to 19 dBA



3D airflow



Intelligent thermal sensor



Heat boost



Weekly timer



Onecta app: always in control no matter where you are, including voice control



Connectable to pair, multi and VRV

Unique design

Silver, matt white and matt black, these are the three monochrome colours in which Daikin Emura 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.



Comfort

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.

3D airflow

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

Inaudible to hear

Daikin Emura is almost inaudible with sound levels down to 19 dBA.

Coanda effect

By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room.

Heat boost

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

Wall mounted unit

Design that speaks for itself

- › Remarkable blend of iconic design and engineering excellence with an elegant finish in matt crystal white, silver and black
- › The Coanda effect optimises the airflow for a comfortable climate. By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room
- › The intelligent thermal sensor determines the current room temperature and distributes air evenly throughout the room before switching to an airflow pattern that directs warm or cool air to areas that need it
- › Heat boost quickly heats up your home when starting up your air conditioner. Set temperature is reached 14% faster than a regular airconditioner (pair only)
- › 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 a better, cleaner air
- › Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc.
- › Onecta app: control your indoor from any location with an app, via your local network or internet



BLUEEVOLUTION



- › Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- › Seasonal efficiency values up to A+++ in cooling and heating

More details and final information can be found by scanning or clicking the QR codes.



FTXJ-AW



FTXJ-AS



FTXJ-AB



RXJ-A

Efficiency data		FTXJ/RXJ	20AW/S/B + 20A	25AW/S/B + 25A	35AW/S/B + 35A	42AW/S/B + 42A	50AW/S/B + 50A
Cooling capacity	Min./Nom./Max.	kW	1.3/2.0/2.6	1.3/2.5/3.2	1.4/3.4/4.0	1.7/4.2/5.0	1.7/5.0/5.3
Heating capacity	Min./Nom./Max.	kW	1.3/2.5/3.5	1.3/2.8/4.7	1.4/4.0/5.2	1.7/5.4/6.0	1.7/5.8/6.5
Power input	Cooling	Nom.	kW	0.43	0.56	0.78	1.05
	Heating	Nom.	kW	0.50	0.56	0.99	1.31
Space cooling	Energy efficiency class			A+++		A++	
	Capacity	Pdesign	kW	2	2.5	3.4	4.2
	SEER			8.75	8.74	8.73	7.5
	Annual energy consumption		kWh/a	80	100	136	196
Space heating (Average climate)	Energy efficiency class			A+++		A++	
	Capacity	Pdesign	kW	2.40	2.45	2.50	3.80
	SCOP			5.15	5.15	5.15	4.6
	Annual energy consumption		kWh/a	652	666	680	1,156
Nominal efficiency	EER			4.7	4.46	4.37	3.99
	COP			5	5	4.04	4.12
	Annual energy consumption			213	280	389	526
Energy labeling Directive Cooling/Heating				A/A			

Indoor unit		FTXJ			20AW/S/B	25AW/S/B	35AW/S/B	42AW/S/B	50AW/S/B
Dimensions	Unit	HeightxWidthxDepth			mm	305x900x212			
Weight	Unit				kg	12			
Air filter	Type				Removable / washable				
Fan	Air flow rate	Cooling	Silent operation/ Low/Medium/High	m³/min	4.6/6.0/8.4/11.0	4.6/6.0/8.6/11.4	4.6/6.0/8.6/11.8	4.6/7.2/9.5/13	5.2/7.6/10.4/13.5
		Heating	Silent operation/ Low/Medium/High	m³/min	4.6/6.4/8.7/11.1	4.6/6.4/9.0/11.3	4.6/6.4/9.0/11.7	5.2/7.7/10.5/14.4	5.7/8.2/11.1/15.0
Sound power level	Cooling				dBA	57	57	60	60
	Heating				dBA	-	-	-	-
Sound pressure level	Cooling	Silent operation/Low/High			dBA	19/25/39	19/25/40	19/25/41	21/29/45
	Heating	Silent operation/Low/High			dBA	19/25/39	19/25/40	19/25/41	21/29/45
Control systems	Infrared remote control				ARC488A1W/S/B				
	Wired remote control				BRC073A1				
Piping connections Drain					18				

* +2 dBA in Multi combination

Outdoor unit		RXJ	20A	25A	35A	42A	50A
Dimensions	Unit	HeightxWidthxDepth	mm	552x840x350			734x954x408
Weight	Unit		kg	33			49
Sound power level	Cooling	Nom.	dBA	59	59	61	62
	Heating	Nom.	dBA	59	59	61	62
Sound pressure level	Cooling	Nom.	dBA	46	46	49	48
	Heating	Nom.	dBA	47	47	49	49
Operation range	Cooling	Ambient	Min.~Max.	-10~50			
	Heating	Ambient	Min.~Max.	-21~18			
Refrigerant	Type/GWP			R-32/675.0			
	Charge		kg/TCO2Eq	0.76/0.52			1.10/0.75
Piping connections	Liquid/Gas OD		mm	6.35/9.50			6.35/12.7
	Piping	OU - IU	Max.	20			30
	length	System	Chargeless	10			
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU	Max.	15			20
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)		A	10	13		

Contains fluorinated greenhouse gases



DAIKIN EMURA BLACK
FTXJ-AB



SIMPLIFIED REMOTE
CONTROL



DAIKIN EMURA WHITE
FTXJ-AW



DAIKIN EMURA SILVER
FTXJ-AS



DAIKIN EMURA OUTDOOR
UNIT RXJ-A



All seasons, all-year-round comfort, efficiency, air purification, connectivity

Comfort+

Two flaps create a precise angle to make the airflow path narrower. This increases air velocity to ensure the air travels further.

With its double flap system, the airflow is "squeezed" through the flaps acquiring greater velocity to travel upwards (avoiding cold airflow directly onto people).

Improvement over the single flap in the current model



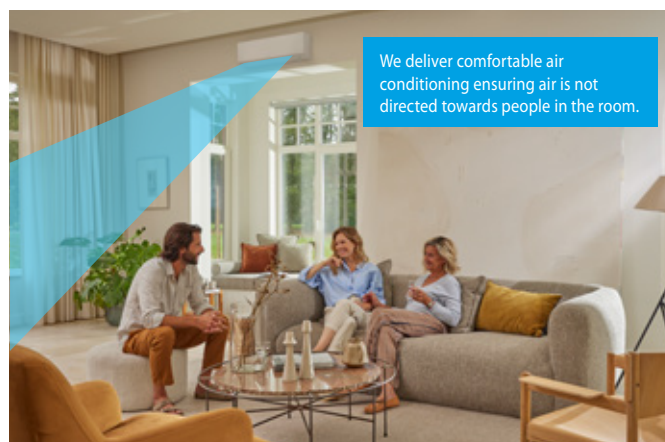
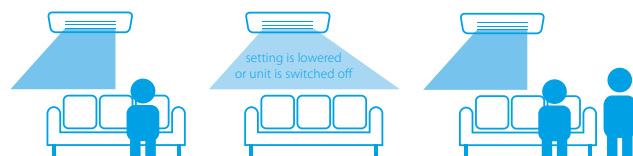
2 area motion detection sensors

Area motion detection sensors

Air direction: the motion detection sensors detect where persons are located in the room to direct the air away from them. Upon leaving the room, the unit goes into energy-saving mode.

Result

Perfect comfort and low-energy consumption



Efficiency

Cost-efficiency and performance-efficiency can be achieved in 2 ways:

- 1. PAIR:** By combining one indoor with one outdoor, Daikin delivers the highest efficiency levels on the market. With efficiencies up to A+++, it will save on your energy bills and create wonderful living comfort all year round.
- 2. MULTI:** With only one multi split outdoor unit, up to 5 indoor units can be connected. **NEW:** For certain combinations of Perfera with 3MXM52A(9) outdoor unit an energy efficiency of **up to A+++ in cooling and heating*** can be reached

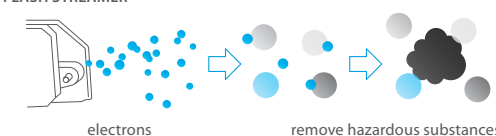
Outdoor Unit	Indoor Unit C/FTXM-A	Energy label	
		Cooling	Heating
3MXM52A2V1B(9) *	1.5 + 1.5 + 3.5	A+++	A+++
	1.5 + 2.0 + 3.5	A+++	A+++
	1.5 + 2.5 + 3.5	A+++	A+++
	2.0 + 2.0 + 3.5	A+++	A+++
	2.0 + 2.5 + 3.5	A+++	A+++
	2.5 + 2.5 + 3.5	A+++	A+++

Air purification

Flash streamer/titanium apatite deodorising filter

Flash streamer: using electrons to trigger chemical reactions with airborne particles, the flash streamer removes allergens such as pollen and fungal allergens, eliminating unpleasant odours and providing fresher, cleaner air.

FLASH STREAMER



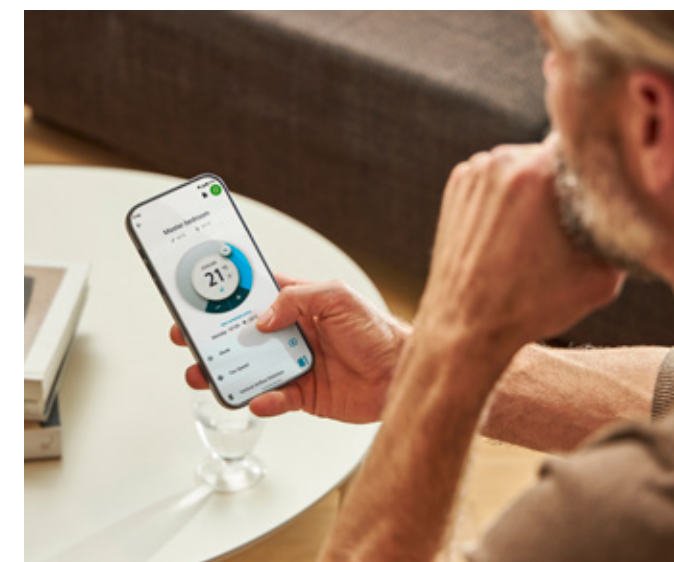
The titanium apatite deodorising filter works hard to combat smells such as tobacco smoke and pet odours.

Silver allergen removal filter

The silver allergen removal and air-purifying filter is the ideal solution, because it captures allergens such as pollen to ensure a steady supply of clean air.

NEW Static air filter:

The new air filter has been treated with an active (ionpure) substance in order to capture, reduce and remove bacteria and viruses.



Full connectivity

Onecta App

Control your system and enjoy maximum comfort just by using your voice. Using Amazon Alexa or Google Assistant, you can control the main functions such as the temperature setting, operating mode, fan speed and much more!

Residential Solutions Navigator (RSN)

Find your applicable solution in just a few clicks based on the number and size of the room. Calculate your savings with the Return on Investment calculator.

DCS Residential

From the professional portal, Installers can activate the remote monitoring allowing them to supervise your installation on multiple parameters, from their location.

Wall mounted unit

Attractive, wall mounted design with perfect indoor air quality

- › Seasonal efficiency values up to A+++ in cooling and heating in pair and multi
- › Comfort+: perfect comfort with homogeneous temperature throughout the room. The double flaps direct the air towards the ceiling in cooling and along the wall in heating.
- › 2-area motion detection sensor: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting. (larger capacity area)
- › Heat boost quickly heats up your home when starting up your air conditioner. Set temperature is reached 14% faster than a regular air conditioner (pair only)
- › 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 a better, cleaner air
- › Silver allergen removal and air purifying filter captures allergens such as pollen to ensure a steady supply of clean air
- › Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc
- › Onecta app: control your indoor from any location with an app, via your local network or internet.



- › Quiet operation: down to 19dBA sound pressure level
- › 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 large spaces

More details and final information can be found by scanning or clicking the QR codes.



FTXM-A



CTXM-A



FTXM-R



RXM-R



RXM-A

Efficiency data		FTXM + RXM		25A + 25A9	35A + 35A9	50A + 50A	60R + 60R	71R + 71R
Cooling capacity	Min./Nom./Max.	kW		0.90/2.50/3.80	0.90/3.50/4.40	1.70/5.00/5.30	1.70/6.00/7.00	2.30/7.10/8.50
Heating capacity	Min./Nom./Max.	kW		0.80/2.80/5.00	0.80/4.00/5.50	1.70/5.80/6.50	1.70/7.00/8.00	2.30/8.20/10.20
Power input	Cooling	Nom.	kW	0.48	0.76	1.36	1.77	2.34
	Heating	Nom.	kW	0.50	0.88	1.40	1.94	2.57
Space cooling	Energy efficiency class			A+++		A+++		
	Capacity	Pdesign	kW	2.50	3.50	5.00	6.00	7.10
	SEER			9.25	9.25	7.80	6.90	6.20
	Annual energy consumption		kWh/a	92	132	224	304	401
Space heating	Energy efficiency class			A+++		A+++		A++
	Capacity	Pdesign	kW	2.40	2.50	4.50	4.80	6.20
	SCOP/A					4.80	4.30	4.10
	Annual energy consumption		kWh/a	647	673	1,312	1,562	2,117
Nominal efficiency	EER			5.20	4.63	3.68	3.39	3.03
	COP				4.55	4.15	3.61	3.19
Annual energy consumption			kWh	240	378	679	885	1,172
Energy labeling Directive		Cooling/Heating				A/A		B/D

Indoor unit				FTXM	25A	35A	50A	60R	71R
Dimensions	Unit	HeightxWidthxDepth		mm	298x804x252			299x998x292	
Weight	Unit			kg	11.5			14.5	
Air filter	Type	Removable/washable							
Fan	Air flow rate	Cooling	Silent operation/ Low/Medium/High	m³/min	4.9/6.3/8.9/11.9	4.6/7.1/9.4/13.2	5.9/7.8/10.4/12.7	9.1/11.8/14/16.7	10.0/12.2/15/16.9
		Heating	Silent operation/ Low/Medium/High	m³/min	4.9/6.9/9.2/11.4	5.1/6.9/9.4/11.1	6.9/8.6/11.5/14.5	11.1/12.4/15.2/16.5	11.6/12.7/15.8/17.7
Sound power level	Cooling			dBA	54	58		60.0	
	Heating			dBA	53		60	59.0	61.0
Sound pressure level	Cooling	Silent operation/Low/High		dBA	19/25/41	19/29/45	27/33/46	30.0/37.0/46.0	32.0/38.0/47.0
	Heating	Silent operation/Low/High		dBA	20/27/39	20/28/39	31/34/46	33.0/36.0/45.0	34.0/37.0/46.0
Control systems	Infrared remote control				ARC466A86				

Outdoor unit				RXM	25A	35A	50R	60R	71R	
Dimensions	Unit	HeightxWidthxDepth		mm	610x923x367		734x954x401			
Weight	Unit			kg	36		49.0		55	
Sound power level	Cooling	Nom.		dBA	58		62	63	66	
	Heating	Nom.		dBA	58	60	62	60	71	
Sound pressure level	Cooling	Nom.		dBA	46.0	47	48.0		47.0	
	Heating	Nom.		dBA	47.0	49.0	49.0		48.0	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~50		-10~50		-10~46	
	Heating	Ambient	Min. - Max.	°CWB	-21~18		-21~18		-15~18	
Refrigerant	Type/GWP				R-32/675.0					
	Charge			kg/TCO2Eq	0.95/0.65		1.10/0.75	1.15/0.780		
Piping connections	Liquid	OD		mm			6.4			
	Gas	OD		mm	9.50		12.7		15.9	
	Piping length	OU - IU	Max.	m	20		30			
		System	Chargeless	m	10					
		Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)				
		Level difference	IU - OU	Max.	m	15		20.0		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240					
Current - 50Hz	Maximum fuse amps (MFA)			A	13		16		20	

See separate drawing for operation range | See separate drawing for electrical data | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m | Contains fluorinated greenhouse gases | See separate drawings for electrical data

Wall mounted unit

Wall mounted unit for low energy consumption and pleasant comfort

- › Seasonal efficiency values up to A++ in cooling
- › Onecta app (optional): control your indoor from any location with an app, via your local network or internet.
- › REMARK: For 20-42 class, please order option package BRP069C47. A different remote controller is included in the package to control the unit once the option is installed.
- › Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc
- › Quiet in operation down to 21 dBA
- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency



More details and final information can be found by scanning or clicking the QR codes.



FTXF-D



FTXF-E



RXF-D



RXF-E

Efficiency data		FTXF + RXF		25E + 25E	35E + 35E	50D + 50D	60D + 60D
Cooling capacity	Min./Nom./Max.	kW		1.3/2.50/2.8	1.3/3.30/3.8	1.70/5.00/6.00	1.70/6.00/7.00
Heating capacity	Min./Nom./Max.	kW		1.30/2.80/3.70	1.30/3.50/4.40	1.70/6.00/7.70	1.70/6.40/8.00
Power input	Cooling	Min./Nom./Max.	kW	0.31/0.772/1.05	0.31/1.00/1.40	-/1.50/-	-/1.85/-
	Heating	Min./Nom./Max.	kW	0.25/0.750/1.11	0.25/0.940/1.50	-/1.62/-	-/1.63/-
Space cooling	Energy efficiency class			A+++			
	Capacity	Pdesign	kW	2.50	3.50	5.00	6.00
	SEER			6.50		6.21	6.15
	Annual energy consumption		kWh/a	135	188	282	342
Space heating	Energy efficiency class			A++			
	Capacity	Pdesign	kW	2.40	2.60	4.60	4.80
	SCOP/A			4.20		4.06	
	Annual energy consumption		kWh/a	801	867	1,585	1,654

Indoor unit				FTXF	25E	35E	50D	60D
Dimensions	Unit	HeightxWidthxDepth		mm	286x770x225		295x990x263	
Weight	Unit			kg	8.50		13.5	
Air filter	Type	Removable / washable						
Fan	Air flow rate	Cooling	Silent operation/ Low/Medium/High	m³/min	4.3/6.2/8/10.0	4.4/6.4/8/11.5	10.5/11.9/14.4/16.8	10.7/12.2/14.8/17.3
		Heating	Silent operation/ Low/Medium/High	m³/min	5.3/6.4/8.4/10.4	5.3/6.5/8.6/11.9	10.7/12.2/14.8/17.3	11.3/12.8/15.8/17.9
Sound power level	Cooling			dBA	54.0		59	60
	Heating			dBA	56.0		61	62
Sound pressure level	Cooling	Silent operation/Low/High		dBA	20.0/26.0/40.0	20.0/27.0/43.0	31/34/43	33/36/45
	Heating	Silent operation/Low/High		dBA	21.0/28.0/40.0	21.0/29.0/40.0	30/33/42	32/35/44
Control systems	Infrared remote control				ARC470A1			
	Wired remote control				BRC073A1			
Piping connections	Drain				18			

Outdoor unit			RXF	25E	35E	50D	60D
Dimensions	Unit	HeightxWidthxDepth	mm	550x740x343		734x870x373	
Weight	Unit		kg	24.0		46.0	50.0
Sound power level	Cooling			61		-	
Sound pressure level	Cooling	Low/Nom./High	dBA	-/ /48.0		-/47/-	-/49/-
	Heating	Low/Nom./High	dBA	-/ /48.0		-/49/-	
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10 ~48	
	Heating	Ambient	Min.~Max.	°CWB		-15 ~18	
Refrigerant	Type			R-32			
	GWP			675.0		675	
	Charge		kg/TCO2Eq	0.550/0.370		0.90/0.61	1.15/0.78
Piping connections	Liquid - Gas	Type		- - -			
	Piping length	OU - IU	Max.	20		30	
	Piping length						
	Level difference	IU - OU	Max.	12.0		20	
	Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A	16		20	
	Sound pressure level Nom.		dBA	-			
Piping connections Total piping length				-			

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified | Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | See separate drawing for operation range | See separate drawing for electrical data | Contains fluorinated greenhouse gases

Less is
more

Multi Split

A Daikin multi split system offers you unexpected possibilities in creating a comfortable and cosy home. This is your solution to reduce limitations like environmental impact and financial aspects.

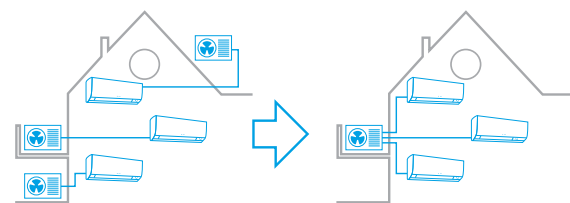
Less mounting space,
less visibility, less sound

- › **Save space:** Drastically reduce the space required for placing a number of units on your facade
- › **Less visibility:** Enjoy your nice ambience. Finding just one hiding place is much easier
- › **Less noise:** Only one unit in operation is much quieter than two or more units

Lower power consumption,
high efficiency

- › **Less power consumption:** Our big compressors can work more efficiently than various smaller ones with the same capacity in sum. Also save a significant proportion of energy thanks to standby mode

Pair split or multi split combination –
the direct system comparison



Conventional pair
split installation for air-
conditioning three rooms

Solution for the same situation with only one multi split outdoor unit

Easier installation, wiring,
piping and maintenance

- › **Save mounting equipment:** Wherever you want to place an outdoor unit, for every unit you will need a mounting for a secure fixing and problem-free operation
- › **Save time:** The physical installation, wiring, drain piping as well as the initial setup of only one system is much easier and faster
- › When using only one outdoor unit instead of two or more, the statistical probability of a **possible technical defect is reduced** with every unit that you do not need.

More flexibility: Connect up to 5 indoor units of any style

There are many possibilities in comfort you can profit from a multi split solution:

- › **Up to 5 indoor units** connectable to only one outdoor unit
- › Every single indoor unit can be **regulated separately**
- › Choose from **a greater variety** of connectable indoor unit types out of our split and Sky Air series
- › Use low capacity indoor units specially **designed for small rooms** which can only be connected to a multi split system
- › Are you planning an **additional indoor unit later on?** Just decide now for an outdoor unit with higher capacity and simply connect it later
- › Have more than 5 rooms to connect? Our VRV systems provide the solution, find out more in the VRV chapter

Multi model application

- › New design outlook for full range
- › Seasonal efficiency values up to A+++ in cooling and heating thanks to its up-to-date technology and built-in intelligence
- › Up to 5 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode.
- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- › Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
- › Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency

[illegible]

It is not allowed to install 1 indoor unit connection.

More details and final information can be found by scanning or clicking the QR codes.



2MXM-A9



3MXM-A9



4MXM-A9



5MXM-A9

Outdoor unit					3MXM68A9	4MXM68A9	4MXM80A9	5MXM90A9
Dimensions	Unit	HeightxWidthxDepth		mm	734x974x408			
Weight	Unit			kg	62.0	63.0	67.0	68.0
Sound power level	Cooling				61.0			64.0
Sound pressure level	Cooling	Nom.		dBA	48			52
	Heating	Nom.		dBA	48	49		52
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~-46			
	Heating	Ambient	Min.~Max.	°CWB	-15~-18			
Refrigerant	Type				R-32			
	GWP				675.0			
	Charge	kg/TCO2Eq			2.00/1.35		2.40/1.62	
Piping connections	Liquid	OD	mm		6.35			
	Gas	OD	mm		9.50			
	Piping length	OU - IU	Max.	m	25 (1)			
		System	Chargeless	m	30			
	Additional refrigerant charge				kg/m			
	Level difference IU - OU				m			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25		32

(1)For one room | See separate drawing for operation range | See separate drawing for electrical data | Contains fluorinated greenhouse gases

Sky Air

Light commercial applications



Sky Air the solution for the light commercial sector

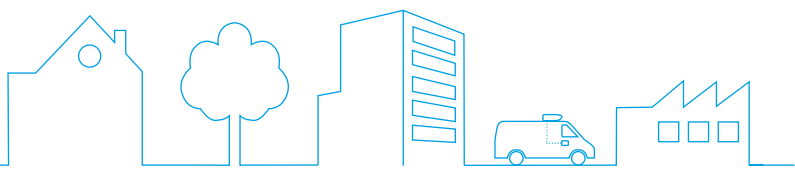
Sky Air is Daikin's industry-leading light commercial range, which has been designed for optimum seasonal energy efficiency. Providing the ideal solution for all kinds of small commercial spaces, the Sky Air series offers a complete comfort solution that puts you in total control of your heating and cooling, ventilation and air curtains.

Sky Air

Light commercial applications

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The smart way for
sound
reduction



Daikin dedicated solution for sound reduction

Meet strict sound requirements, while increasing flexibility to apply Sky Air and VRV heat pumps thanks to sound power reduction of up to 10 dB(A).

- › **Guaranteed high performance:** optimised design to keep the capacity and air flow as close as possible to the standard conditions
- › **Faster and reliable planning:** no calculations or estimations necessary thanks to tested data according to ISO 3744
- › **Perfect fit:** specially designed for Sky Air and VRV heat pumps
- › **Maximum flexibility:** can be installed and retrofitted on any plain surface
- › **Easy access:** simple and fast installation and maintenance through large side panels with fast locks
- › **Designed to be discreet:** tailor-made low height design; highly aesthetic finishing and smooth surface in anthracite colour-tone



SkyAir VRV

7 reasons why Sky Air is unique in the market

- 1 Full Sky Air R-32 range delivering future-proofed, best-in-class climate control

SkyAir A-series BLUEEVOLUTION



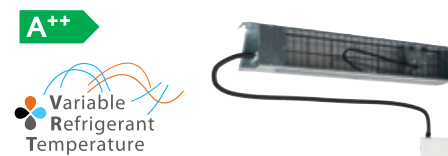
System	Type	Model	Product name	35	50	60	71	100	125	140	200	250
Air cooled	Heat pump	SkyAir Advance-series										
			R-32 A+ (A+++ - D)									
		RZASG-MV(1)/MY(1)										
		RZA-D										
Air cooled	Heat pump	SkyAir Active-series										
			R-32 A (A+++ - D)									
		AZAS-MV/MY										

Full indoor line up (over 45 different models)



2 High energy efficiency

- › **Top seasonal efficiency**
 - › SEER up to 8.02 and A++ label in cooling and heating
 - › Variable Refrigerant Temperature that automatically adapts the refrigerant temperature to the load
- › Round flow and concealed ceiling units with **auto cleaning filter**



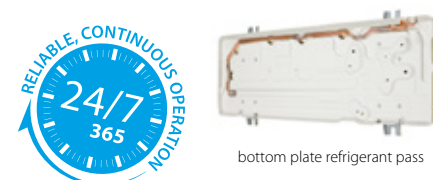
3 Best comfort

- › **Variable Refrigerant Temperature** preventing cold draughts
- › **Low sound** indoor and outdoor units
- › **Presence and floor sensors** direct the air flow away from persons, while ensuring an even temperature distribution
- › Operation down to **-20°C in heating and cooling** operation
- NEW** › **UV Streamer kit**, purifies the air of pollutants such as viruses, bacteria, fine dust (PM1), odours, allergens, etc
- › Fresh air intake integrated in indoor unit



4 Top reliability

- › For **infrastructure cooling**
 - › unique boosted capacity indoor unit systems
 - › duty rotation control
- › **Refrigerant cooled PCB**
- › New refrigerant passes keeping heat exchanger and drain holes completely open at all times
- › **Most extensive testing** before new units leave the factory
- › **Widest support network** and after sales service
- › All spare parts available in Europe



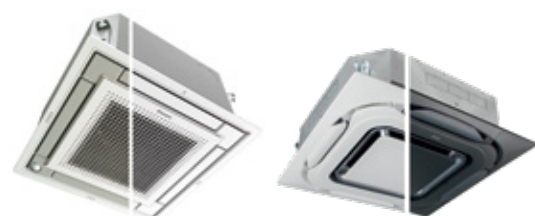
5 Market leading controls

- › **Remote connectivity**
 - › **Intuitive app** control
 - › **Daikin Cloud Plus** offering online control, energy monitoring and comparison of multiple sites
- › **User-friendly wired remote controller with premium design**
 - › Intuitive touch button control
 - › 3 color versions
 - › Advanced settings can be easily done via your smartphone
- › **Dedicated control solutions**
 - › for retail applications
 - › for infrastructure cooling



6 Superior aesthetics

- › **Fully flat cassette** design unit that integrates fully flat into the ceiling
- › **Auto cleaning** units ensure dirt-free ceilings with high efficiency filters for regular and dust prone areas
- › Widest ever range cassette panels
 - › Available in **white and black**
 - › Sleek **designer panel** range



7 Unique installation benefits

- › **4-way blow ceiling suspended cassette (FUA)** for rooms without false ceiling.
- › Plug & play Daikin air handling unit with ERQ condensing units
- › Reliably replace Daikin and non-Daikin systems without the need for pipe cleaning thanks to the new hepta filtration
- › Dedicated low sound enclosure, reducing sound power up to -10 dB(A)
- › Use up to 4 indoor units linked to one outdoor unit for long or irregularly shaped rooms



Daikin Cloud Plus



Daikin Cloud Plus is a cloud-based remote control and monitoring solution for Daikin commercial HVAC installations. Using enhanced control, monitoring and predictive logic, Daikin Cloud Plus provides real-time data and support from Daikin experts to help you identify cost-saving opportunities, increase the lifetime of your equipment and reduce the risk of unexpected issues.

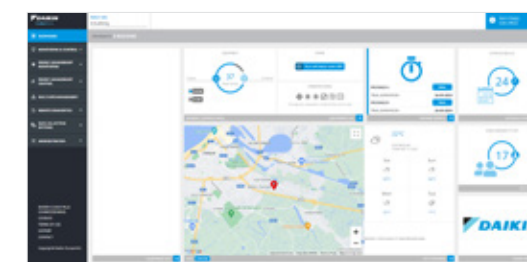
The ultimate control over your indoor climate and air quality

- › Save energy & reduce costs
- › Enhance comfort & satisfaction
- › Smart control from anywhere
- › Ensure healthy indoor environment
- › Maximize uptime (remote prediction, monitor & diagnose)
- › Integrates easily with building systems

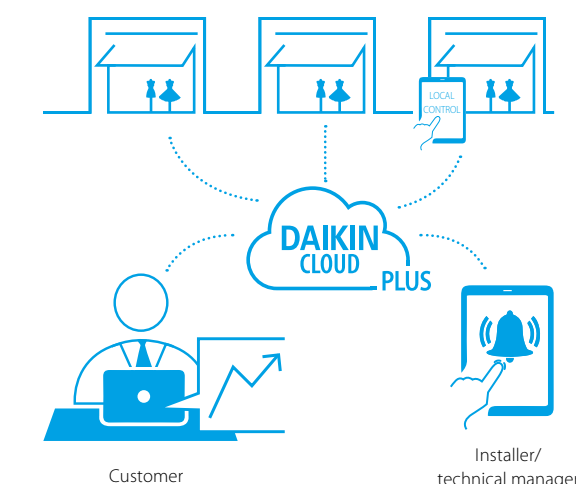
Supporting your business and helping you succeed

- › Maximize comfort and satisfaction of your staff, customers, tenants, ...
- › Save energy & reduce costs
- › Facilitate your sustainability goals
- › Cost effective control and energy monitoring of HVAC and other facility systems such as lighting
- › Limits the necessity for on-site interventions
- › Minimizes downtime and engineer call outs

Dashboard to easily access multiple locations, energy consumption follow up, ...










































From one to ∞ sites



Benefit overview



Benefit overview			Ceiling mounted cassette units			Concealed ceiling units				Ceiling suspended units	4-Way blow ceiling suspended unit	Wall mounted unit	Perfera wall mounted unit	
			FCAHG-H	FCAG-B	FFA-A9	FDXM-F9	FBA-A(9)	FDA125A	FDA200-250A	ADEA-A	FHA-A(9)	FUA-A	FAA-B	FTXM-R
														
We care	 Home leave operation	Maintains the indoor temperature at your specified comfort level during absence, thus saving energy.	●	●	●	●	●	●	●	●	●	●		
	 Fan only	The unit can be used as fan, blowing air without heating or cooling.	●	●	●	●	●	●	●	●	●	●	●	
	 Auto cleaning filter	The filter automatically cleans itself. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance.	○	○		○								
	 Presence & floor sensor	The presence sensor directs the air away from any person detected in the room, when the air flow control is on. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor.	●	●	●									
Comfort	 Draught prevention	When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired.	●	●	●							●		
	 Whisper quiet	Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood.	●	●	●		●			●			●	
	 Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature.	●	●	●	●	●	●	●	●	●	●	●	
Air treatment	 NEW UV Streamer kit	Purifies the air of pollutants such as viruses, bacteria, fine dust, odours, allergens, etc ensuring a healthy and hygienic indoor environment	○	○										
	 Air filter	Removes airborne dust particles to ensure a steady supply of clean air.	● (Optional high efficiency filter ePM10 60%)	●	●	●	●	●	●	●	●	●	● (Flash streamer; titanium apatite deodorising filter)	
Humidity control	 Dry programme	Allows humidity levels to be reduced without variations in room temperature.	●	●	●	●	●	●	●	●	●	●	●	
	 Ceiling soiling prevention	Prevents air from blowing out too long in horizontal position, to prevent ceiling stains.	●	●	●									
Air flow	 Vertical auto swing	Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution.	●	●	●					●	●	●	● (incl. 3D air flow)	
	 Fan speed steps	Allows to select up to the given number of fan speed.	5 + auto	5 + auto	3 + auto	3	3 + auto	9 + auto	3 + auto	3 + auto	5 + auto	3 + auto	3 + auto	
	 Individual flap control	Individual flap control via the wired remote controller enables you to easily fix the position of each flap individually, to suit any new room configuration. Optional closure kits are available as well.	●	●	●						●			
	 Onecta app	Control your indoor climate from any location via smartphone or tablet.	○	○	○	○	○	○	○	○	○	○	○	○
Remote control & timer	 Weekly timer	Can be set to start heating or cooling anytime on a daily or weekly basis.	○	○	○	○	○	○	○	○	○	○	○	
	 Infrared remote control	Starts, stops and regulates the air conditioner from a distance.	○	○	○	○	○	○	○	○	○	○	●	
	 Wired remote control	Starts, stops and regulates the air conditioner.	○	○	○	○	○	○	○	○	○	○	○	
	 Centralised control	Starts, stops and regulates several air conditioners from one central point.	○	○	○	○	○	○	○	○	○	○	○	
	 Multi zoning	Allows up to 6 individual climate zones with one indoor unit				○	○			○				
	 Infrastructure cooling	Remove in a reliable, efficient and flexible way the heat constantly generated by the IT and server equipment to ensure maximum uptime while offering the best return on investment.	●	●	●	●	●	●		●	●	●	●	
Other functions	 Auto-restart	The unit restarts automatically at the original settings after power failure.	●	●	●	●	●	●	●	●	●	●	●	
	 Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies.	●	●	●	●	●	●	●	●	●	●	●	
	 Drain pump kit	Facilitates condensation draining from the indoor unit.	●	●	●		●	●	○	○	○	●	○	
	 Twin/triple/double twin application	2, 3 or 4 indoor units can be connected to only a single outdoor unit even if they have different capacities. All indoor units operate within the same heating or cooling mode from one remote control.	●	●	●	●	●	●	●		●	●	●	
	 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.		●	●	●	●			●				
	 VRV for residential application	Up to 9 indoor units (even different capacities and up to 71 class) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.		●	●	●	●			●				

● standard, ○ optional



FULLY FLAT CASSETTE



CONCEALED CEILING UNIT



WALL MOUNTED UNIT



CEILING SUSPENDED UNIT



REMOTE CONTROLLER



4-WAY BLOW CEILING
SUSPENDED CASSETTE

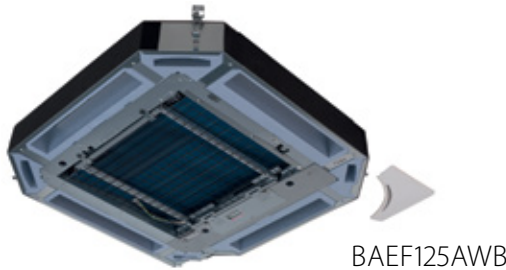


ROUND FLOW CASSETTE, DESIGNER PANEL



Breathe healthy air with the round flow UV Streamer kit

90% of our time is spent indoors. However indoor air is 2 to 5 times more polluted than outdoor air.



These internal pollution effects on people are manifested in the long run. Tackle them now! Our UV streamer kit offers you the solution:

- › It purifies the air of pollutants such as viruses, bacteria, fine dust (PM1), odours, allergens, etc ensuring a healthy and hygienic indoor environment
- › Unique catch & clean approach includes an ISO ePM1 60% (F7) filter, UV-C light and Streamer technology
- › Thanks to large air flow rate of the Round flow cassette, clean air can be quickly delivered to every corner of your space
- › Can be retrofitted into existing installations
- › Can be used with BYCQ140E and BYCQ140EW decoration panels



99.9%

of viruses removed in 30 minutes, thanks to Daikin's unique Catch & Clean approach

Tested at Intertek

Results based on tests performed in the laboratories of Intertek, in a 28m³ room. Daikin's Round flow cassette (FXFQ125B) removes more than 99.9% of enveloped viruses such as Corona viruses.

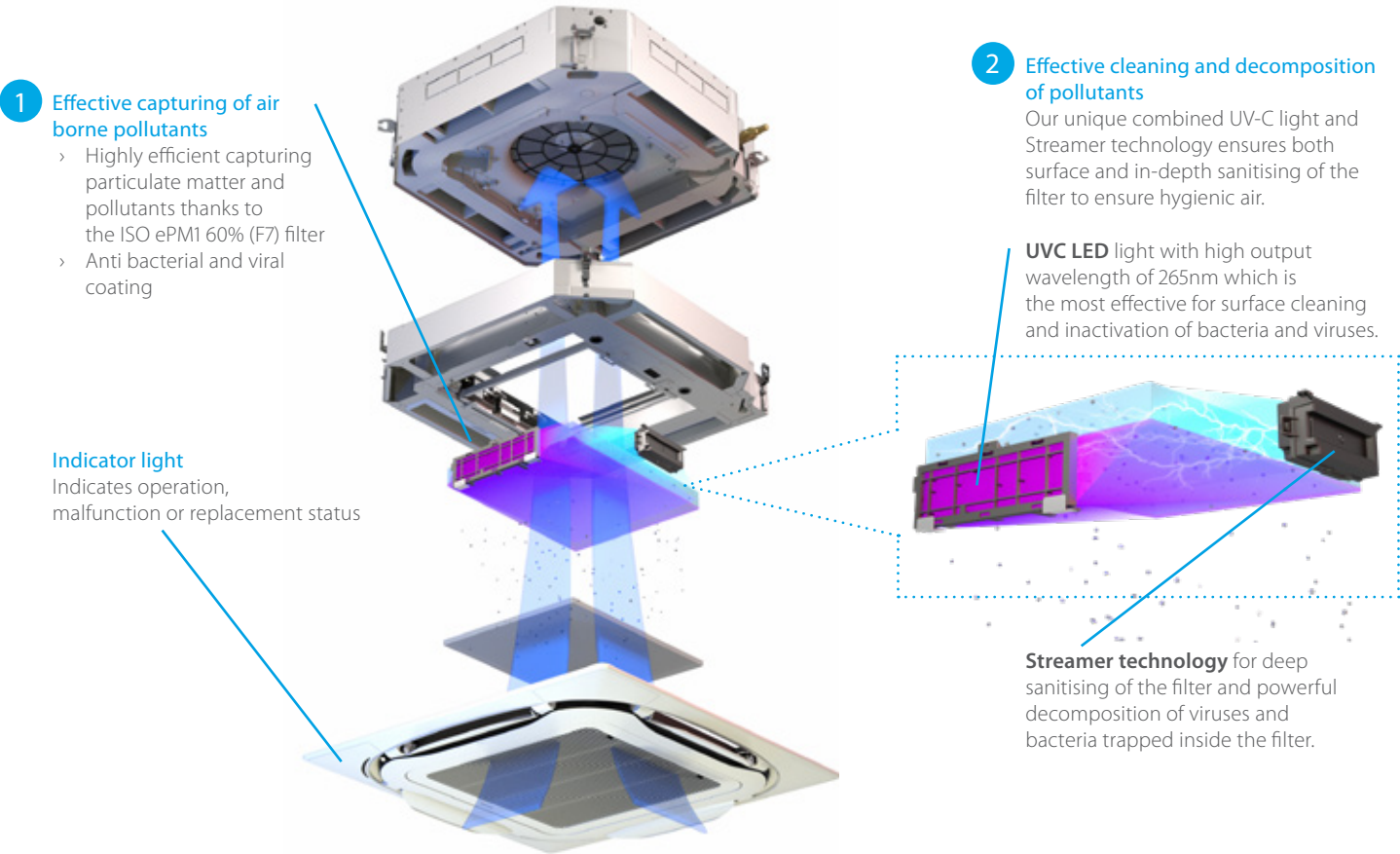
* Additional details regarding this function can be found in the unit technical manual.

Tested according to real life sized room

28m³

View full test report:

Daikin's unique **Catch & Clean** approach includes an ePM1 50% filter, UV-C light and Streamer technology



Specifications

BAEF125AWB		
Power Supply		1P, 220-240V, 50/60 Hz
Dimensions HxWxD	mm	100 x 840 x 840
Weight	kg	12
Compatible decoration panels		BYCQ140E/BYCQ140EW * <small>(UV-streamer kit cannot be used with other filters, chambers, fresh air intake kits or air discharge outlet sealing member kit)</small>
Filter efficiency		ePM1 60% @ISO16890 (F7)
Replacement interval		Pleated filter (BAF55A125): every year Flash streamer device: every 7 years UV-C LED: every 7 years

* For compatibility with older panels, consult your local sales representative

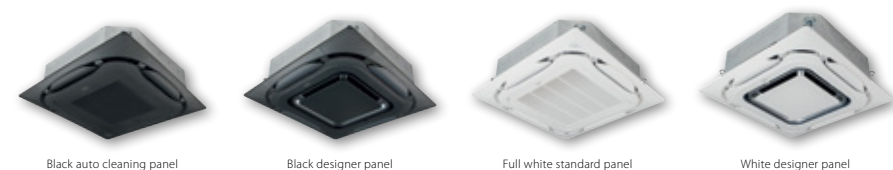
download the leaflet here

Complete indoor comfort, including pure air

The round flow cassette

› Maximum comfort thanks to **360° air discharge and intelligent sensors**

› **Widest ever choice in panels** to match any interior



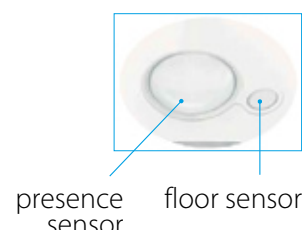
› **Auto cleaning panel** keeps the filter free of dust for maximum efficiency

› **UV streamer kit**

NEW › Purifies the air of pollutants such as viruses, bacteria, fine dust PM1, odours, allergens, etc ensuring a healthy and hygienic indoor environment

› Unique catch & clean approach includes an ISO ePM1 60% (F7) filter, UV-C light and Streamer technology

› Can be **retrofitted** into existing installations



Tested at Intertek

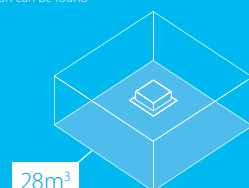
Results based on tests performed in the laboratories of Intertek, in a 28m³ room. Daikin's Round flow cassette (FXFQ125B) removes more than 99.9% of enveloped viruses such as Corona viruses.

* Additional details regarding this function can be found in the unit technical manual.

99.9%

of viruses removed in 30 minutes, thanks to Daikin's unique Catch & Clean approach

Tested according to real life sized room



View full test report:



FCAG-B + RZASG-MV(1)/MY(1)

Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with Sky Air Advance-series ensures good value for money for all types of commercial applications
- › Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs.
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- › Bigger flaps and unique swing pattern improve equal air distribution
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › UV streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust, odours, allergens, etc ensuring a healthy and hygienic indoor environment
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed

More details and final information can be found by scanning or clicking the QR codes.



FCAG-B



RZASG-MV1



RZASG-MY1



RZASG-MV



RZASG-MY



Efficiency data			FCAG + RZASG	71B + 71MV1	100B + 100MV(1)	125B + 125MV(1)	140B + 140MV(1)	100B + 100MY(1)	125B + 125MY(1)	140B + 140MY(1)
Cooling capacity	Nom.		kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4
Heating capacity	Nom.		kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5
Space cooling	Energy efficiency class			A++		-		A++		-
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4
	SEER			6.47	6.55	5.76	6.53	6.55	5.76	6.53
	ηs,c		%	-		227	258	-	227	258
Space heating (Average climate)	Annual energy consumption		kWh/a	368	507	1,261	1,231	507	1,261	1,231
	Energy efficiency class			A+		-		A+		-
	Capacity	Pdesign	kW	4.50	6.00	7.80	8.00	6.00	7.80	8.00
	SCOP/A			4.10	4.17	4.05	4.31	4.17	4.05	4.31
	ηs,h		%	-		159	169	-	159	169
	Annual energy consumption		kWh/a	1,537	2,016	2,074	2,534	2,016	2,074	2,534
Indoor unit			FCAG	71B	100B	125B	140B	100B	125B	140B
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		246x840x840				
Weight	Unit		kg	21	23					
Air filter	Type			Resin net						
Decoration panel	Model			Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black						
	Dimensions	HeightxWidthxDepth	mm	Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950						
	Weight		kg	Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5						
Fan	Air flow rate	Cooling Low/Medium/High m³/min		10.8/13.0/15.1	13.0/17.8/22.7	13.1/20.4/27.2	13.0/17.8/22.7	13.1/20.4/27.2	13.0/17.8/22.7	13.1/20.4/27.2
		Heating Low/Medium/High m³/min		10.8/12.9/15.1	13.2/18.1/23.0	13.0/20.2/27.0	13.2/18.1/23.0	13.0/20.2/27.0	13.2/18.1/23.0	13.0/20.2/27.0
Sound power level	Cooling		dBA	51.0	54.0	58.0	54.0	58.0	58.0	58.0
	Heating		dBA	51.0	54.0	58.0	54.0	58.0	58.0	58.0
Sound pressure level	Cooling	Low/Medium/High	dBA	28.0/31.0/35.0	29.0/33.0/37.0	29.0/35.0/41.0	29.0/33.0/37.0	29.0/35.0/41.0	29.0/35.0/41.0	29.0/35.0/41.0
	Heating	Low/Medium/High	dBA	28.0/31.0/33.0	29.0/33.0/37.0	29.0/35.0/41.0	29.0/33.0/37.0	29.0/35.0/41.0	29.0/35.0/41.0	29.0/35.0/41.0
Control systems	Infrared remote control			BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB						
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220						
Outdoor unit			RZASG	71MV1	100MV(1)	125MV(1)	140MV(1)	100MY(1)	125MY(1)	140MY(1)
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320		990x940x320				
Weight	Unit		kg	60	70 (MV1) / 72 (MV)		78 (MV1) / 79 (MV)	70 (MY1) / 72 (MY)		78 (MV1) / 79 (MV)
Sound power level	Cooling		dBA	65	70	71	73	70	71	73
	Heating		dBA	-		71	73	-	71	73
Sound pressure level	Cooling	Nom.	dBA	46	53	54	53	53	54	54
	Heating	Nom.	dBA	47	57					
Operation range	Cooling	Ambient Min.~Max.	°CDB	-15~46						
	Heating	Ambient Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type/GWP			R-32/675						
	Charge		kg/TCO2Eq	2.45/1.65	2.60/1.76	2.90/1.96	2.60/1.76	2.90/1.96	2.90/1.96	2.90/1.96
Piping connections	Liquid/Gas OD		mm	9.52/15.9						
	Piping length	OU - IU Max.	m	50						
		System Equivalent Chargeless	m	70						
			m	30						
	Additional refrigerant charge		kg/m	See installation manual						
	Level difference IU - OU	Max.	m	30.0						
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50 / 220-240				3~/50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32	16			

Contains fluorinated greenhouse gases

Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Ideal solution for small businesses and shops
- › Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs.
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Bigger flaps and unique swing pattern improve equal air distribution
- › UV streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust, odours, allergens, etc ensuring a healthy and hygienic indoor environment
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed

More details and final information can be found by scanning or clicking the QR codes.



Efficiency data		FCAG / AZAS	71B + AZAS71	100B + AZAS100MV	125B + AZAS125MV	140B + AZAS140MV	100B + AZAS100MY	125B + AZAS125MY	140B + AZAS140MY
Cooling capacity	Nom.	kW	6.80/7.05	9.50/-	12.1/-	13.4/-	9.50/-	12.1/-	13.4/-
Heating capacity	Nom./Max.	kW	7.50/7.58	10.8/-	13.5/-	15.5/-	10.8/-	13.5/-	15.5/-
Space cooling	Energy efficiency class		A+		-		A+		-
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.0	9.50	12.1
	SEER			5.87	6.1	5.6	6.2	6.1	5.6
	ηs,c	%		-	221	245	-	221	245
	Annual energy consumption	kWh/a	405	586	1,345	1,300	586	1,345	1,300
Space heating (Average climate)	Energy efficiency class		A+		-		A		-
	Capacity	Pdesign	kW	4.50	6.00	7.80	6.00	7.80	7.80
	SCOP/A			4.00	3.85	3.80	4.31	3.85	3.80
	ηs,h	%		-	149	169	-	149	169
	Annual energy consumption	kWh/a	1,573	2,182	2,211	2,534	2,182	2,211	2,534

Indoor unit			FCAG		71B	100B	125B	140B	100B	125B	140B
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840	246x840x840					
Weight	Unit			kg	21	23					
Air filter	Type				Resin net						
Decoration panel	Model				Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black						
	Dimensions	HeightxWidthxDepth		mm	Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950						
	Weight			kg	Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5						
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	10.8/13.0/15.1	13.0/17.8/22.7	13.1/20.4/27.2		13.0/17.8/22.7		13.1/20.4/27.2
		Heating	Low/Medium/High	m³/min	10.8/12.9/15.1	13.2/18.1/23.0	13.0/20.2/27.0		13.2/18.1/23.0		13.0/20.2/27.0
Sound power level	Cooling			dBA	51.0	54.0	58.0		54.0		58.0
	Heating			dBA	51.0	54.0	58.0		54.0		58.0
Sound pressure level	Cooling	Low/Medium/High		dBA	28.0/31.0/35.0	29.0/33.0/37.0	29.0/35.0/41.0		29.0/33.0/37.0		29.0/35.0/41.0
	Heating	Low/Medium/High		dBA	28.0/31.0/33.0	29.0/33.0/37.0	29.0/35.0/41.0		29.0/33.0/37.0		29.0/35.0/41.0
Control systems	Infrared remote control				BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB						
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						
Power supply	Phase/Frequency/Voltage				Hz/V	1~/50/60/220-240/220					

Outdoor unit			AZAS	AZAS71	AZAS100MV	AZAS125MV	AZAS140MV	AZAS100MY	AZAS125MY	AZAS140MY
Dimensions	Unit	HeightxWidthxDepth	mm	734x954x401	990x940x320					
Weight	Unit		kg	49.0	72		79		72	79
Sound power level	Cooling		dBA	-	70	71	73	70	71	73
	Heating		dBA	-	71	73	73	-	71	73
Sound pressure level	Cooling	Nom.	dBA	52.0	53		54		53	54
	Heating	Nom.	dBA	52.0	57					
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46						
	Heating	Ambient Min.~Max.	°CWB	-15~24	-15~15.5					
Refrigerant	Type/GWP			R-32/675						
	Charge		kg/TCO2Eq	1.15/0.780	2.60/1.76		2.90/1.96		2.60/1.76	2.90/1.96
Piping connections	Liquid/Gas OD		mm	9.52/15.9						
	Piping length	OU - IU Max.	m	30						
	System Equivalent Chargeless		m	50						
			m	30						
	Additional refrigerant charge		kg/m	0.035 <small>(for piping length exceeding 10m)</small>	See installation manual					
	Level difference IU - OU Max.		m	20.0	30.0					
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50 /220-240						
Current - 50Hz	Maximum fuse amps (MFA)		A	-	25	32	16			

Contains fluorinated greenhouse gases

Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with split outdoor units is ideal for small retail, offices or residential applications
- › Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs.
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- › Bigger flaps and unique swing pattern improve equal air distribution
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- › Standard drain pump with 675mm lift increases flexibility and installation speed

More details and final information can be found by scanning or clicking the QR codes.

Efficiency data		FCAG + RXM	35B + 35R9	50B + 50A	60B + 60R
Cooling capacity	Nom.	kW	3.50	5.00	5.70
Heating capacity	Nom.	kW	4.20	6.00	7.00
Space cooling	Energy efficiency class		A++		
	Capacity	Pdesign	kW	3.50	5.70
	SEER			6.35	6.40
	Annual energy consumption	kWh/a	193	268	312
	Energy efficiency class		A++		
Space heating (Average climate)	Capacity	Pdesign	kW	4.36	4.71
	SCOP/A			4.30	4.20
	Annual energy consumption	kWh/a	948	1,418	1,569
	Energy efficiency class		A+		

Indoor unit			FCAG	35B	50B	60B
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840	
Weight	Unit			kg	18	19
Air filter	Type			Resin net		
Decoration panel	Model			Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black		
				Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950 Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5		
Fan	Dimensions	HeightxWidthxDepth		mm		
	Weight			kg		
	Air flow rate	Cooling	Low/Medium/High	m³/min	8.8/10.6/12.9	9.4/11.8/14.6
		Heating	Low/Medium/High	m³/min	9.4/11.6/14.1	9.6/12.2/14.9
Sound power level	Cooling			dBA	49.0	51.0
	Heating			dBA	49.0	51.0
Sound pressure level	Cooling	Low/Medium/High		dBA	27.0/29.0/31.0	28.0/31.0/33.0
	Heating	Low/Medium/High		dBA	27.0/29.0/31.0	28.0/31.0/33.0
Control systems	Infrared remote control			BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB		
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220	

Outdoor unit		RXM	35R9	NEW 50A	60R
Dimensions	Unit	HeightxWidthxDepth	mm	552x840x350	734x954x401
Weight	Unit		kg	32	49.0
Sound pressure level	Cooling	Nom.	dBA	49.0	48.0
	Heating	Nom.	dBA	49.0	
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46	
	Heating	Ambient Min.~Max.	°CWB	-15~18	
Refrigerant	Type			R-32	
	GWP			675.0	
Piping connections	Charge		kg/TCO2Eq	0.76/0.52	1.15/0.780
	Liquid	OD	mm	6.35	
	Gas	OD	mm	9.50	12.7
	Piping length	OU - IU Max.	m	20	30
	System Chargeless		m	10	
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)	
Power supply	Level difference IU - OU Max.		m	15	20.0
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50 /220-240	
Current - 50Hz	Maximum fuse amps (MFA)		A	13	16

Contains fluorinated greenhouse gases



Efficiency data		FCAG + RXM	35B + 35R9	50B + 50A	60B + 60R
Cooling capacity	Nom.	kW	3.50	5.00	5.70
Heating capacity	Nom.	kW	4.20	6.00	7.00
Space cooling	Energy efficiency class		A++		
	Capacity	Pdesign	kW	3.50	5.70
	SEER			6.35	6.40
	Annual energy consumption	kWh/a	193	268	312
	Energy efficiency class		A++		
Space heating (Average climate)	Capacity	Pdesign	kW	4.36	4.71
	SCOP/A			4.30	4.20
	Annual energy consumption	kWh/a	948	1,418	1,569
	Energy efficiency class		A+		

		50B	60B
		204x840x840	
		19	
Resin net			
s: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black			
Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black			
Designer panels: BYCQ140EP - white / BYCQ140EPB - black			
s: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950			
Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5			
/12.9		9.4/11.8/14.6	9.6/12.2/14.9
/14.1		9.4/11.8/14.6	9.6/12.2/14.9
		49.0	51.0
		49.0	51.0
27.0/29.0/31.0		28.0/31.0/33.0	
27.0/29.0/31.0		28.0/31.0/33.0	
BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB			
BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			
1~/50/60/220-240/220			

		NEW	
9		50A	60R
x350			734x954x401
			49.0
0			48.0
		49.0	
		-10~46	
		-15~18	
		R-32	
		675.0	
.52			1.15/0.780
		6.35	
0			12.7
			30
		10	
	0.02 (for piping length exceeding 10m)		
			20.0
		1~/50 /220-240	
			16

Fully Flat Cassette

Design & Genius in one



Why choose fully flat cassette

- › Unique design in the market that integrates fully flat into the ceiling
- › Advanced technology and top efficiency combined
- › Most quiet cassette available on the market

FFA-A9 / FXZQ-A



Choice between grey or white panel

Benefits for the installer

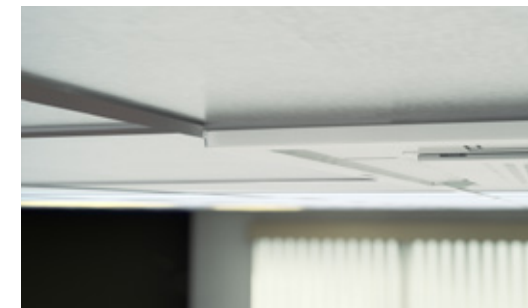
- › Unique product in the market!
- › Most quiet unit (25dBA)
- › The user-friendly remote control, available in several languages, enables the easy set-up of sensor option and control of the individual flap position
- › Meeting European design taste.

Benefits for the consultant

- › Unique product in the market!
- › Blends seamlessly in any modern office interior design
- › Ideal product to improve BREEAM score/EPBD in combination with Sky Air (FFA*) or VRV IV heat pump units (FXZQ*).

Benefits for the end user

- › Engineering excellence and unique design in one
- › Most quiet unit (25dBA)
- › Perfect working conditions: no more cold draughts
- › Save up to 27% on your energy bill thanks to the optional sensors
- › Flexible usage of space and suits any room configuration thanks to individual flap control
- › User-friendly remote control, available in several languages.



Unique design

- › Designed by a European design office to fully meet the European taste.
- › Fully flat into the ceiling, leaving only 8mm.



- › Fully integrated in the one ceiling tile, enabling lights, speakers and sprinklers to be installed in adjoining ceiling tiles.
- › Decoration panel available in 2 colours (white and white-silver).



Differentiating in technology

Optional presence sensor

- › When the room is empty, it can adjust the set temperature or switch off the unit – saving energy.
- › When people are detected, the direction of the airflow is adapted to avoid cold draughts being directed towards occupants.



Optional floor sensor

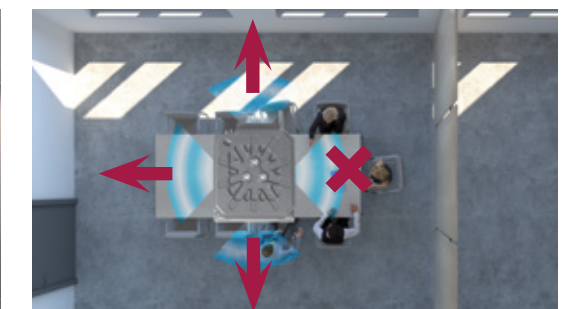
- › Detects the temperature difference and re-directs the airflow to ensure even temperature distribution.



Top efficiency

- › Seasonal efficiency labels up to **A++***
- › When the room is empty, the sensor option can adjust the set temperature or switch off the unit – saving up to 27% energy.

* for FFA25,35A9 in combination with RXM25,35



Other benefits

- › Individual flap control: easily control one or more flaps via the wired remote controller (BRC1E/ BRC1H) when rearranging the room. When fully closing or blocking the flaps, the option "Sealing member of air discharge outlet" is needed.
- › Most silent cassette in the market (25dBA), important for office applications.

Marketing tools

- › https://www.daikin.eu/en_us/product-group/fully-flat-cassette.html
- › www.youtube.com/DaikinEurope



Fully flat cassette

Unique design in the market that integrates fully flat into the ceiling

- › Combination with split outdoor units is ideal for small retail, offices and residential applications
- › Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- › Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- › Unified indoor unit range for R-32 and R-410A
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 630mm lift increases flexibility and installation speed



More details and final information can be found by scanning or clicking the QR codes.



FFA-A9



RXM-R



RXM-R9



RXM-A

Efficiency data		FFA + RXM	25A9 + 25R9	35A9 + 35R9	50A9 + 50A	60A9 + 60R
Cooling capacity	Nom.	kW	2.50	3.40	5.00	5.70
Heating capacity	Nom.	kW	3.20	4.20	5.80	7.00
Power input	Cooling	Nom.	kW	0.55	0.89	1.54
	Heating	Nom.	kW	0.82	1.20	2.05
Space cooling	Energy efficiency class		A++		A+	
	Capacity	Pdesign	kW	2.50	3.40	5.00
	SEER		6.17	6.38	5.98	5.76
	Annual energy consumption	kWh/a	142	186	293	346
Space heating (Average climate)	Energy efficiency class		A+		A	
	Capacity	Pdesign	kW	2.31	3.10	3.84
	SCOP/A		4.24	4.10	3.90	4.04
	Annual energy consumption	kWh/a	762	1,058	1,378	1,373
Nominal efficiency	EER		4.57	3.81	3.24	3.05
	COP		3.90	3.50	3.49	3.41
	Annual energy consumption	kWh	273	446	772	931
	Energy labeling Directive Cooling/Heating		A/A		A/B	

Indoor unit			FFA	25A9	35A9	50A9	60A9	
Dimensions	Unit	HeightxWidthxDepth		mm	260x575x575			
Weight	Unit			kg	16.0			
Air filter	Type				Resin net			
Decoration panel	Model				BYFQ60C2W1W / BYFQ60C2W1S / BYFQ60B2W1 / BYFQ60B3W1			
	Colour				White (N9.5)/SILVER/White (RAL9010)/WHITE (RAL9010)			
	Dimensions	HeightxWidthxDepth	mm	46x620x620 / 46x620x620 / 55x700x700 / 55x700x700				
	Weight			kg	2.8/2.8/2.7/2.7			
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	6.5/8.0/9.0	6.5/8.5/10.0	8.6/10.9/12.7	9.5/12.5/14.5
		Heating	Low/Medium/High	m³/min	6.5/8.0/9.0	6.5/8.5/10.0	8.6/10.9/12.7	9.5/12.5/14.5
Sound power level	Cooling			dBA	48.0	51.0	56.0	60.0
Sound pressure level	Cooling	Low/Medium/High		dBA	25.0/28.5/31.0	25.0/30.5/34.0	27.0/34.0/39.0	32.0/40.0/43.0
	Heating	Low/Medium/High		dBA	25.0/28.5/31.0	25.0/30.5/34.0	27.0/34.0/39.0	32.0/40.0/43.0
Control systems	Infrared remote control			BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel)				
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52				
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50 /220-240			

Outdoor unit					RXM	25R9	35R9	NEW 50A	60R
Dimensions	Unit	HeightxWidthxDepth			mm	552x840x350		734x954x401	
Weight	Unit				kg	32		49.0	
Sound pressure level	Cooling	Nom.				dBA	46.0	49.0	48.0
	Heating	Nom.				dBA	47.0	49.0	
Operation range	Cooling	Ambient	Min.~Max.	°CDB			-10~46		
	Heating	Ambient	Min.~Max.	°CWB			-15~18		
Refrigerant	Type				R-32				
	GWP				675		675.0		
Piping connections	Charge				kg/TCO2Eq	0.76/0.52		1.15/0.780	
	Liquid	OD				mm	6.35		
	Gas	OD				mm	9.52		12.7
	Piping length	OU - IU	Max.	m			20		30
		System	Chargeless	m			10		
		Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU	Max.	m			15		20.0
Power supply	Phase/Frequency/Voltage				Hz/V	1~/50 /220-240			
Current - 50Hz	Maximum fuse amps (MFA)				A	13		16	

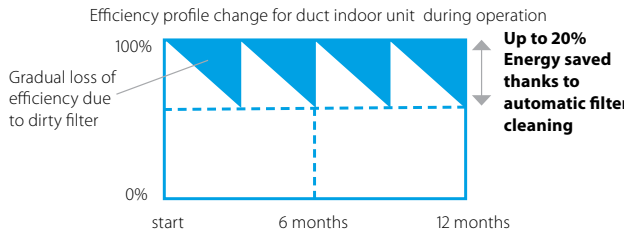
Contains fluorinated greenhouse gases



The unique automatic cleaning filter achieves higher efficiency and comfort with lower maintenance costs

Reduce running costs

- › Automatic filter cleaning ensures low maintenance costs because the filter is always clean



Minimal time required for filter cleaning

- › The dust box can be emptied with a vacuum cleaner for fast and easy cleaning
- › No more dirty ceilings

Improved indoor air quality

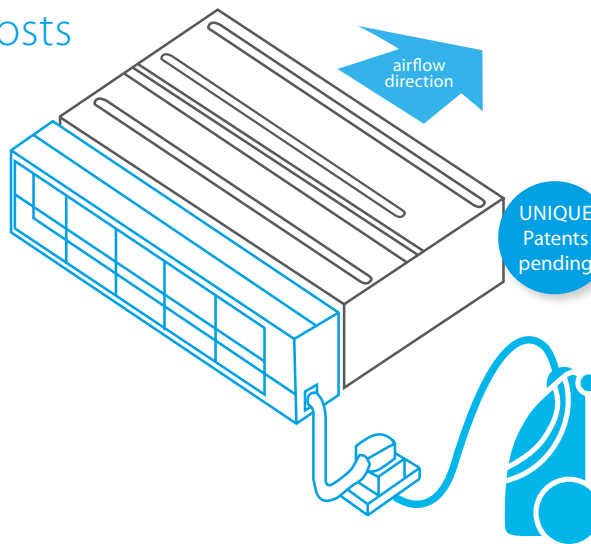
- › Optimum airflow eliminates draft and insulates sound

Superb reliability

- › Prevents clogged filters for seamless operation

Unique technology

- › Unique and innovative filter technology inspired by the Daikin auto cleaning cassette



How does it work?

- 1 Scheduled automatic filter cleaning
- 2 Dust collects in a dust box that's integrated into the unit
- 3 The dust can easily be removed with a vacuum cleaner



youtube.com/DaikinEurope



Specifications

	BAE20A62	BAE20A82	BAE20A102
Height (mm)	210		
Width (mm)	830	1,030	1,230
Depth (mm)	188		

Combination table

	Split / Sky Air				VRV							
	FDXM-F9				FXDA-A/FXDQ-A3							
	25	35	50	60	15	20	25	32	40	50	63	
BAE20A62	●	●			●	●	●	●				
BAE20A82									●	●		
BAE20A102			●	●							●	

Multi zoning kit for concealed ceiling units

The multi-zoning system is a room-by-room controller. It is fitted with motorised dampers, which immediately adapt using Daikin ducted solutions. This system supports control of up to 8 zones via a centralised thermostat located in the main room and individual thermostats for each of the zones.

Benefits




Increased comfort

- Increases comfort levels by allowing more individual zone control
 - Up to 8 individual zones can be served thanks to separate modulating dampers
 - Individual thermostat for room-by-room or zone-by-zone control

Easy to install

- Automatic air flow adjustment according to the demand
- Easy to install, integrates with the Daikin indoor units and system controls
- Time saving as plenum comes fully pre-assembled with dampers, and control boards
- Reduces the amount of refrigerant required in the installation

Compatibility

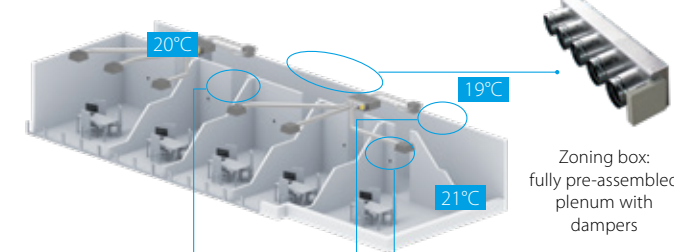
	Number of motorised dampers	Reference	Dimensions H x W x D (mm)	Ø (mm)	FDXM-F9												FBA-A(9)												ADEA-A												FXDQ-A3												FASQ-A											
					25	35	50	60	35	50	60	71	100	125	140	71	100	125	15	20	25	32	40	50	63	15	20	25	32	40	50	63	80	100	125	140																												
 Standard plenum	2	AZEZ6DAIST07XS2	300 x 930 x 454	200																																																												
		AZEZ6DAIST07S2																																																														
	3	AZEZ6DAIST07XS3	300 x 1,140 x 454																																																													
		AZEZ6DAIST07S3																																																														
	4	AZEZ6DAIST07S4	300 x 1,140 x 454																																																													
		AZEZ6DAIST07M4																																																														
	5	AZEZ6DAIST07M5	300 x 1,425 x 454																																																													
		AZEZ6DAIST07L5	300 x 1,638 x 454																																																													
6	AZEZ6DAIST07M6																																																															
 Medium plenum		AZEZ6DAIST07L6	200																																																													
	7	AZEZ6DAIST07L7		515 x 1,425 x 454																																																												
		AZEZ6DAIST07XL7																																																														
	8	AZEZ6DAIST07L8		515 x 1,425 x 454																																																												
		AZEZ6DAIST07XL8																																																														
	2	AZEZ6DAIBS07XS2	250 x 930 x 454	200																																																												
		AZEZ6DAIBS07S2																																																														
	3	AZEZ6DAIBS07XS3	250 x 1,140 x 454																																																													
	AZEZ6DAIBS07S3																																																															
4	AZEZ6DAIBS07M3	250 x 1,140 x 454																																																														
	AZEZ6DAIBS07M4																																																															
5	AZEZ6DAIBS07L4	250 x 1,425 x 454																																																														
	AZEZ6DAIBS07L5																																																															
6	AZEZ6DAIBS07M5	250 x 1,638 x 454	200																																																													
	AZEZ6DAIBS07M6																																																															
7	AZEZ6DAIBS07L5	210 x 720 x 444																																																														
	AZEZ6DAIBS07L6																																																															
 Slim plenum	2	AZEZ6DAISL01S2	210 x 930 x 444	200																																																												
	3	AZEZ6DAISL01S3																																																														
	4	AZEZ6DAISL01M4																																																														
	5	AZEZ6DAISL01L5																																																														

(1) Reversible units can be blocked to heating only via AZX6MCS module



Easy selection
via our NEW
software!

How does it work?



Zoning box:
fully pre-assembled
plenum with
dampers

Individual zone thermostats

Bluezero - Airzone Main Thermostat

- Color graphic interface for controlling zones



AZCE6BLUEZROCB (Wired)

Airzone Zone Thermostat

- Graphic interface with low-energy e-ink screen for controlling zones



AZCE6THINKRB (Wireless)

Airzone Zone Thermostat

- Thermostat with buttons for controlling the temperature



AZCE6LITECB (Wired)
AZCE6LITERB (Wireless)

FBA-A(9) + RZASG-MV(1)/MY(1)

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

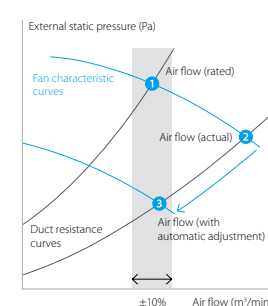
- Combination with Sky Air Advance-series ensures good value for money for all types of commercial applications
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- Low operation sound level down to 25dBA
- Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume

Optimised supply air volume

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within $\pm 10\%$

Why?

- After installation the real ducting will frequently differ from the initially calculated air flow resistance \rightarrow the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature. Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically (10 or more fan curves are available on every model), making installation much faster



Efficiency data		FBA + RZASG		71A9 + 71MV1	100A + 100MV(1)	125A + 125MV(1)	140A + 140MV(1)	100A + 100MY(1)	125A + 125MY(1)	140A + 140MY(1)
Cooling capacity	Nom.	kW		6.80	9.50	12.1	13.4	9.50	12.1	13.4
Heating capacity	Nom.	kW		7.50	10.8	13.5	15.5	10.8	13.5	15.5
Space cooling	Energy efficiency class			A++	A+			A+		
	Capacity	Pdesign kW		6.80	9.50	12.1	13.4	9.50	12.1	13.4
	SEER			6.19	5.83	5.49	5.81	5.83	5.49	5.81
	$\eta_{s,c}$	%		-	-	217	229	-	217	229
Space heating	Annual energy consumption	kWh/a		385	570	1,322	1,384	570	1,322	1,384
	Energy efficiency class			A+	A			A		
	Capacity	Pdesign kW		4.50	6.00	7.80	8.80	6.00	7.80	8.80
	SCOP/A			4.01	3.85	3.63	3.85	3.63	3.85	3.85
	$\eta_{s,h}$	%		-	-	142	151	-	142	151
	Annual energy consumption	kWh/a		1,571	2,182	2,314	2,836	2,182	2,314	2,836

Indoor unit				FBA	71A9	100A	125A	140A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth		mm	245x1,000x800		245x1,400x800				
Weight	Unit			kg	35.0		46.0				
Air filter	Type				Resin net						
Fan	Air flow	Cooling	Low/Medium/High	m³/min	12.5/15.0/18.0	20.0/24.5/29.0	23.5/29.0/34.0		20.0/24.5/29.0	23.5/29.0/34.0	
	rate	Heating	Low/Medium/High	m³/min	12.5/15.0/18.0	20.0/24.5/29.0	23.5/29.0/34.0		20.0/24.5/29.0	23.5/29.0/34.0	
	External static pressure	Nom.		Pa	30	40	50		40	50	
Sound power level	Cooling			dBA	56.0	58.0	62.0		58.0	62.0	
Sound pressure level	Cooling	Low/Medium/High		dBA	25.0/28.0/30.0	30.0/32.0/34.0	32.0/35.0/37.0		30.0/32.0/34.0	32.0/35.0/37.0	
	Heating	Low/Medium/High		dBA	25.0/28.0/31.0	30.0/33.0/36.0	32.0/35.0/38.0		30.0/33.0/36.0	32.0/35.0/38.0	
Control systems	Infrared remote control				BRC4C65 / BRC4C66						
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220						

Outdoor unit			RZASG	71MV1	100MV(1)	125MV(1)	140MV(1)	100MY(1)	125MY(1)	140MY(1)	
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320					
Weight	Unit			kg	60	70 (MY1) / 72 (MY)		78 (MV1) / 79 (MV)		70 (MY1) / 72 (MY)	78 (MV1) / 79 (MV)
Sound power level	Cooling			dBA	65	70	71	73	70	71	73
	Heating			dBA	-		71	73	-	71	73
Sound pressure level	Cooling	Nom.		dBA	46	53		54	53		54
	Heating	Nom.		dBA	47			57			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~46						
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type/GWP				R-32/675						
	Charge			kg/TCO2Eq	2.45/1.65	2.60/1.76		2.90/1.96	2.60/1.76		2.90/1.96
Piping connections	Liquid/Gas OD			mm	9.52/15.9						
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
			Chargeless	m	30						
	Additional refrigerant charge			kg/m	See installation manual						
		IU - OU	Max.	m	30.0						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50 /220-240				3~/50 /380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32	16			

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- › Ideal solution for small businesses and shops
- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- › Low operation sound level down to 25dBA
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- › Reduced energy consumption thanks to specially developed DC fan motor
- › Optional fresh air intake
- › Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles



- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed

with multi zoning option

More details and final information can be found by scanning or clicking the QR codes.



FBA-A(9)



AZAS-MV



AZAS-MY

Efficiency data				FBA/AZAS	71A9 + AZAS71	100A + AZAS100MV	125A + AZAS125MV	140A + AZAS140MV	100A + AZAS100MY	125A + AZAS125MY	140A + AZAS140MY
Cooling capacity	Nom./Max.			kW	6.80/6.98	9.50/-	12.1/-	13.4/-	9.50/-	12.1/-	13.4/-
Heating capacity	Nom./Max.			kW	7.50/7.66	10.8/-	13.5/-	15.5/-	10.8/-	13.5/-	15.5/-
Space cooling	Energy efficiency class				A		-		A		-
	Capacity	Pdesign		kW	6.80	9.50	12.1	13.0	9.50	12.1	13.0
	SEER				5.57	5.7	5.2	5.7	5.7	5.2	5.7
	ηs,c			%	-	-	205	225	-	205	225
	Annual energy consumption			kWh/a	427	633	1,497	1,418	633	1,497	1,418
Space heating (Average climate)	Energy efficiency class				A		-		A		-
	Capacity	Pdesign		kW	4.50	6.00		7.80	6.00		7.80
	SCOP/A				3.81		3.55	3.85	3.81	3.55	3.85
	ηs,h			%	-	-	139	151	-	139	151
	Annual energy consumption			kWh/a	1,652	2,205	2,366	2,836	2,205	2,366	2,836
Indoor unit				FBA	71A9	100A	125A	140A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth		mm	245x1,000x800						
Weight	Unit			kg	35.0	46.0					
Air filter	Type	Resin net									
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	12.5/15.0/18.0	20.0/24.5/29.0	23.5/29.0/34.0		20.0/24.5/29.0	23.5/29.0/34.0	
		Heating	Low/Medium/High	m³/min	12.5/15.0/18.0	20.0/24.5/29.0	23.5/29.0/34.0		20.0/24.5/29.0	23.5/29.0/34.0	
	External static pressure	Nom.		Pa	30	40	50		40	50	
Sound power level	Cooling			dBA	56.0	58.0	62.0		58.0	62.0	
Sound pressure level	Cooling	Low/Medium/High		dBA	25.0/28.0/30.0	30.0/32.0/34.0	32.0/35.0/37.0		30.0/32.0/34.0	32.0/35.0/37.0	
	Heating	Low/Medium/High		dBA	25.0/28.0/31.0	30.0/33.0/36.0	32.0/35.0/38.0		30.0/33.0/36.0	32.0/35.0/38.0	
Control systems	Infrared remote control				BRC4C65 / BRC4C66						
	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220						
Outdoor unit				AZAS	AZAS71	AZAS100MV	AZAS125MV	AZAS140MV	AZAS100MY	AZAS125MY	AZAS140MY
Dimensions	Unit	HeightxWidthxDepth		mm	734x954x401						
Weight	Unit			kg	49.0	72		79	72		79
Sound power level	Cooling			dBA	-	70	71	73	70	71	73
	Heating			dBA	-	-	71	73	-	71	73
Sound pressure level	Cooling	Nom.		dBA	52.0	53		54	53		54
	Heating	Nom.		dBA	52.0	57					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~-46						
	Heating	Ambient	Min.~Max.	°CWB	-15~24	-15~15.5					
Refrigerant	Type/GWP				R-32/675						
	Charge			kg/TCO2Eq	1.15/0.780	2.60/1.76	2.90/1.96	2.60/1.76		2.90/1.96	
Piping connections	Liquid/Gas OD			mm	9.52/15.9						
	Piping length	OU - IU System	Max. Equivalent Chargeless	m	-	30					
				m	-	50					
	Additional refrigerant charge			kg/m	0.035	30					
	Level difference IU - OU Max.			m	20.0	30.0					
	Phase/Frequency/Voltage			Hz/V	1~/50 /220-240						
Power supply	Maximum fuse amps (MFA)			A	-	25	32	3~/50 /380-415			
Current - 50Hz											

Contains fluorinated greenhouse gases

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- › Combination with split outdoor units is ideal for small retail, offices and residential applications
- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- › Low operation sound level down to 25dBA
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume



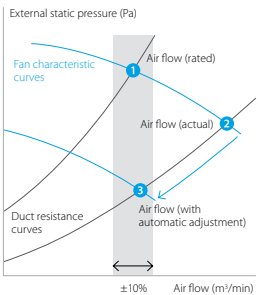
with multi zoning option

Optimised supply air volume

Automatically selects the most appropriate fan curve to achieve the unit's nominal air flow within ±10%

Why?

- After installation the real ducting will frequently differ from the initially calculated air flow resistance → the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature. Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically (10 or more fan curves are available on every model), making installation much faster



More details and final information can be found by scanning or clicking the QR codes.



FBA-A(9)



RXM-R



RXM-R9



RXM-A

Efficiency data		FBA + RXM		35A9 + 35R9		50A9 + 50A		60A9 + 60R			
Cooling capacity	Nom.	kW		3.40		5.00		5.70			
Heating capacity	Nom.	kW		4.00		5.50		7.00			
Space cooling	Energy efficiency class					A++		A+			
	Capacity	Pdesign	kW	3.40		5.00		5.70			
	SEER			6.23		6.27		5.91			
	Annual energy consumption		kWh/a	191		279		336			
Space heating (Average climate)	Energy efficiency class					A+					
	Capacity	Pdesign	kW	2.90		4.40		4.60			
	SCOP/A			4.07		4.06		4.01			
	Annual energy consumption		kWh/a	996		1,517		1,607			
Indoor unit				FBA		35A9		50A9		60A9	
Dimensions	Unit	HeightxWidthxDepth		mm		245x700x800				245x1,000x800	
Weight	Unit			kg		28.0				35.0	
Air filter	Type					Resin net					
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	10.5/12.5/15.0				12.5/15.0/18.0		
		Heating	Low/Medium/High	m³/min	10.5/12.5/15.0				12.5/15.0/18.0		
	External static pressure	Nom.		Pa	30						
Sound power level	Cooling			dBA	60.0				56.0		
Sound pressure level	Cooling	Low/Medium/High		dBA	29.0/32.0/35.0				25.0/28.0/30.0		
	Heating	Low/Medium/High		dBA	29.0/34.0/37.0				25.0/28.0/31.0		
Control systems	Infrared remote control					BRC4C65 / BRC4C66					
	Wired remote control					BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52					
Power supply	Phase/Frequency/Voltage			Hz/V		1~/50/60/220-240/220					

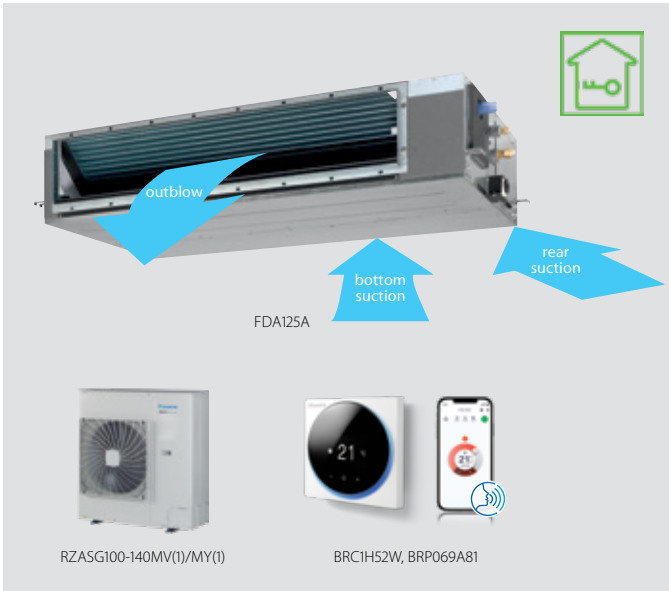
Outdoor unit		RXM	35R9	50A	60R
Dimensions	Unit	HeightxWidthxDepth	mm	552x840x350	734x954x401
Weight	Unit		kg	32	49.0
Sound power level	Cooling	Nom.	dBA	49.0	48.0
	Heating	Nom.	dBA	49.0	48.0
Operation range	Cooling	Ambient	Min.~Max. °CDB	-10~46	-15~18
	Heating	Ambient	Min.~Max. °CWB	-15~18	-15~18
Refrigerant	Type			R-32	
	GWP			675.0	
Piping connections	Charge	kg/TCO2Eq		0.76/0.52	1.15/0.780
	Liquid	OD	mm	6.35	6.35
	Gas	OD	mm	9.52	12.7
	Piping length	OU - IU Max. System	m	20	30
	Chargeless		m	10	10
Additional refrigerant charge	kg/m			0.02 (for piping length exceeding 10m)	0.02 (for piping length exceeding 10m)
	Level difference IU - OU Max.	m		15	20.0
Power supply		Phase/Frequency/Voltage	Hz/V	1~/50 /220-240	
Current - 50Hz		Maximum fuse amps (MFA)	A	13	16

Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

ESP up to 200 Pa, ideal for large sized spaces

- › High external static pressure up to 200Pa facilitates extensive duct and grille network
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Built-in drain pump (625mm) increases the flexibility and installation speed (standard for FDA125, optional for FDA200-250)
- › Standard supplied suction filter simplifies installation



					Sky Air Advance-series				
Efficiency data					FDA125A+RZASG125MV(1)			FDA125A+RZASG125MY(1)	
Cooling capacity	Nom.		kW					12.1	
Heating capacity	Nom.		kW					13.5	
Space cooling	Capacity	Pdesign	kW					12.1	
	SEER							5.03	
	ηs,c		%					198	
Space heating (Average climate)	Annual energy consumption		kWh/a					1,444	
	Capacity	Pdesign	kW					6.00	
	SCOP/A							3.58	
	ηs,h		%					140	
	Annual energy consumption		kWh/a					2,346	
Indoor unit					FDA			125A	
Dimensions	Unit	HeightxWidthxDepth		mm				300x1,400x700	
Weight	Unit			kg				45	
Required ceiling void >				mm				350	
Air filter	Type							Resin net	
Decoration panel	Model							BYBS125DJW1	
	Colour							White (10Y9/0.5)	
	Dimensions	HeightxWidthxDepth	mm				55x1,500x500		
Fan	Weight			kg				6.5	
	Air flow	Cooling	Low/High	m³/min				28.0/39.0	
	rate	Heating	Low/High	m³/min				28.0/39.0	
	External static pressure	Nom./High	Pa					50/200	
Sound power level	Cooling			dBA				66	
Sound pressure level	Cooling	Low/High	dBA					33/40	
	Heating	Low/High	dBA					33/40	
Control systems	Infrared remote control						BRC4C65/BRC4C66		
	Wired remote control						BRC1H52W/S/K/BRC1E53A/BRC1E53B/BRC1E53C/BRC1D52		
Power supply	Phase/Frequency/Voltage			Hz/V				1~/50/60/220-240/220	
Piping connections				Drain				VP25 (I.D. 25/O.D. 32)	
Outdoor unit					RZASG125MV(1)			RZASG125MY(1)	
Dimensions	Unit	HeightxWidthxDepth		mm				990x940x320	
Weight	Unit			kg				70 (MV1/MY1) / 72 (MV/MY)	
Sound power level	Cooling			dBA				71	
	Heating			dBA				-	
Sound pressure level	Cooling	Nom.	dBA					54	
	Heating	Nom.	dBA					58	
Operation range	Cooling	Ambient	Min.~Max.	°CDB				-15~46	
	Heating	Ambient	Min.~Max.	°CWB				-15~15.5	
Refrigerant	Type/GWP							R-32/675	
	Charge			kg/TCO2Eq				2.60/1.76	
Piping connections	Liquid/Gas OD			mm				9.52/15.9	
	Piping length	OU - IU	Max.	m				50	
		System	Equivalent	m				70	
			Chargeless	m				30	
	Level difference	IU - OU	Max.	m				30.0	
	Additional refrigerant charge			kg/m				See installation manual	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	32			16	

Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

ESP up to 250 Pa, ideal for large sized spaces

- › High external static pressure up to 250Pa facilitates extensive duct and grille network
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Optional drain pump
- › Standard supplied suction filter simplifies installation
- › Up to 26.4kW in heating mode



More details and final information can be found by scanning or clicking the QR codes.



Efficiency data				FDA + RZA	200A + 200D	250A + 250D
Cooling capacity	Min./Nom./Max.			kW	-/19.0/-	-/22.0/-
Heating capacity	Min./Nom./Max.			kW	-/22.4/-	-/24.0/-
Space cooling	Capacity		Pdesign	kW	19.0	22.0
	SEER				6.26	5.38
Space heating (Average climate)	ηs,c			%	247	212
	Annual energy consumption			kWh/a	1,821	2,455
	Capacity		Pdesign	kW	11.2	12.1
	SCOP/A				3.59	3.55
	ηs,h			%	141	139
	Annual energy consumption			kWh/a	4,368	4,765
Indoor unit				FDA	200A	250A
Dimensions	Unit	HeightxWidthxDepth		mm	470x1,490x1,100	
Weight	Unit			kg	104	115
Air filter	Type				Resinnet	
Fan	Air flow	Cooling	Low/Medium/High	m³/min	36.0/50/64.0	43.0/56/69.0
	rate	Heating	Low/Medium/High	m³/min	36.0/50.0/64.0	43.0/56.0/69.0
	External static pressure	Nom./High		Pa	62/250	
Sound power level	Cooling			dBA	69.0	71.0
Sound pressure level	Cooling	Low / Medium / High		dBA	36.0/39.0/43.0	37.0/40.0/44.0
	Heating	Low / Medium / High		dBA	36.0/39.0/43.0	37.0/40.0/44.0
Control systems	Wired remote control				BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52	
Piping connections	Drain				BSP1	
Outdoor unit				RZA	200D	250D
Dimensions	Unit	HeightxWidthxDepth		mm	870x1,100x460	
Weight	Unit			kg	117	
Sound power level	Cooling			dBA	73	76
	Heating			dBA	76	79
Sound pressure level	Cooling	Nom.		dBA	53	57
	Heating	Nom.		dBA	60	63
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~46	
	Heating	Ambient	Min.~Max.	°CWB	-20~15	
Refrigerant	Type/GWP				R-32/675	
	Charge			kg/TCO2Eq	5/3.38	
Piping connections	Liquid/Gas OD			mm	9.52/22.2	
	Piping length	OU - IU	Max.	m	100	
		System	Chargeless	m	30	
	Additional refrigerant charge			kg/m	See installation manual	
	Phase/Frequency/Voltage			Hz/V	3~/50 / 380-415	
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50 / 380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	20	

Contains fluorinated greenhouse gases

Wall mounted unit

For rooms with no false ceilings nor free floor space

- › Combination with Sky Air Advance-series ensures good value for money for all types of commercial applications
- › Flat, stylish front panel blends easily within any interior décor and is easier to clean
- › Can easily be installed in both new and refurbishment projects
- › The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
- › Maintenance operations can be performed easily from the front of the unit
- › Flexible to install as the largest casing only weighs 17kg and piping connection can be done at the bottom, left or right of the unit



More details and final information can be found by scanning or clicking the QR codes.



FAA-B



RZASG-MV1



RZASG-MY1



RZASG-MV



RZASG-MY

Efficiency data				FAA + RZASG	71B + 71MV1	100B + 100MV(1)	100B + 100MY(1)
Cooling capacity	Nom.			kW	6.80		9.50
Heating capacity	Nom.			kW	7.50		10.8
Space cooling	Energy efficiency class				A++		A+
	Capacity	Pdesign		kW	6.80		9.50
	SEER				6.41		5.83
	ηs,c				%	-	
	Annual energy consumption			kWh/a	371		570
Space heating (Average climate)	Energy efficiency class					A	
	Capacity	Pdesign		kW	4.50		6.00
	SCOP/A				3.90		3.85
	ηs,h				%	-	
	Annual energy consumption			kWh/a	1,615		2,182
Indoor unit				FAA	71B	100B	100B
Dimensions	Unit	HeightxWidthxDepth		mm	290x1,050x269		340x1,200x262
Weight	Unit			kg	14.0		18
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	12.1/13.4/16.2		18.7/21.1/23.0
		Heating	Low/Medium/High	m³/min	12.7/14.2/16.9		18.7/20.9/23.0
Sound power level	Cooling			dBA	61.0		65.0
	Heating			dBA	61.0		65.0
Sound pressure level	Cooling	Low/Medium/High		dBA	40.0/42.0/45.0		41.0/45.0/49.0
	Heating	Low/Medium/High		dBA	40.0/42.0/45.0		41.0/45.0/49.0
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50 /220-240		
Outdoor unit				RZASG	71MV1	100MV(1)	100MY(1)
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320		990x940x320
Weight	Unit			kg	60		70 (MV1/MY1) / 72 (MV/MY)
Sound power level	Cooling			dBA	65		70
Sound pressure level	Cooling	Nom.		dBA	46		53
	Heating	Nom.		dBA	47		57
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-15~46	
	Heating	Ambient	Min.~Max.	°CWB		-15~15.5	
Refrigerant	Type/GWP					R-32/675	
Piping connections	Charge			kg/TCO2Eq	2.45/1.65		2.60/1.76
	Liquid/ Gas	OD		mm		9.52/15.9	
	Piping length	OU - IU	Max.	m		50	
		System	Equivalent	m		70	
		Chargeless		m		30	
	Additional refrigerant charge			kg/m	See installation manual		
Level difference	IU - OU	Max.	m		30.0		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50 /220-240		3~/50 /380-415
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	16

Contains fluorinated greenhouse gases

Wall mounted unit

For rooms with no false ceilings nor free floor space

- › Ideal solution for small businesses and shops
- › Flat, stylish front panel blends easily within any interior décor and is easier to clean
- › Can easily be installed in both new and refurbishment projects
- › The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
- › Maintenance operations can be performed easily from the front of the unit
- › Flexible to install as the largest casing only weighs 17kg and piping connection can be done at the bottom, left or right of the unit



More details and final information can be found by scanning or clicking the QR codes.



FAA-B



AZAS-MV



AZAS-MY

Efficiency data		FAA/AZAS		71B + AZAS71	100B + AZAS100MV	100B + AZAS100MY
Cooling capacity	Nom./Max.	kW		6.80/6.95	9.50 /-	
Heating capacity	Nom./Max.	kW		7.50/7.59	10.8 /-	
Space cooling	Energy efficiency class		A+		A	
	Capacity	Pdesign	kW		9.50	
	SEER		5.77		5.25	
	Annual energy consumption		kWh/a		412	633
Space heating (Average climate)	Energy efficiency class		A			
	Capacity	Pdesign	kW		4.50	6.00
	SCOP/A				3.81	3.81
	Annual energy consumption		kWh/a		1,652	2,205
Indoor unit		FAA		71B	100B	100B
Dimensions	Unit	HeightxWidthxDepth		mm		290x1,050x269
Weight	Unit			kg		14.0
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	12.1/13.4/16.2	
		Heating	Low/Medium/High	m³/min	12.7/14.2/16.9	
Sound power level	Cooling			dBA	61.0	
	Heating			dBA	61.0	
Sound pressure level	Cooling	Low/Medium/High		dBA	40.0/42.0/45.0	
	Heating	Low/Medium/High		dBA	40.0/42.0/45.0	
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50 / 220-240	1~/50 / 220-240
Outdoor unit		AZAS		AZAS71	AZAS100MV	AZAS100MY
Dimensions	Unit	HeightxWidthxDepth		mm		734x954x401
Weight	Unit			kg		49.0
Sound power level	Cooling			dBA		-
Sound pressure level	Cooling	Nom.		dBA		52.0
	Heating	Nom.		dBA		52.0
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46
	Heating	Ambient	Min.~Max.	°CWB		-15~15.5
Refrigerant	Type/GWP				R-32/675	
Piping connections	Charge		kg/TCO2Eq		1.15/0.780	2.60/1.76
	Liquid/ Gas	OD		mm		9.52/15.9
	Piping length	OU - IU	Max.	m		30
		System	Equivalent	m		50
		Chargeless		m		30
	Additional refrigerant charge		kg/m		0.035 (for piping length exceeding 10m)	See installation manual
Power supply	Level		IU - OU	Max. difference	m	20.0
	Phase/Frequency/Voltage		Hz/V		1~/50 / 220-240	3~/50 / 380-415
Current - 50Hz	Maximum fuse amps (MFA)		A		-	25

Contains fluorinated greenhouse gases

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with Sky Air Advance-series ensures good value for money for all types of commercial applications
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- › 5 different fan speeds available for maximum comfort
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible



More details and

final information

can be found by

scanning or clicking

the QR codes.



FHA-A(9)



RZASG-MV1



RZASG-MY1



RZASG-MV



RZASG-MY

Efficiency data		FHA + RZASG		71A9 + 71MV1	100A + 100MV(1)	125A + 125MV(1)	140A + 140MV(1)	100A + 100MY(1)	125A + 125MY(1)	140A + 140MY(1)
Cooling capacity	Nom.	kW		6.80	9.50	12.1	13.4	9.50	12.1	13.4
Heating capacity	Nom.	kW		7.50	10.8	13.5	15.5	10.8	13.5	15.5
Space cooling	Energy efficiency class		A+				-		A+	
	Capacity	Pdesign	kW		6.80	9.50	12.1	13.4	9.50	12.1
	SEER				5.95		5.83		5.83	5.88
	ηs,c		%		-		230		-	230
	Annual energy consumption		kWh/a		400	570	1,246	1,368	570	1,246
Space heating (Average climate)	Energy efficiency class		A				-		A	
	Capacity	Pdesign	kW		4.50	6.00	7.80	6.00	7.80	7.80
	SCOP/A				3.90	3.91	3.83	3.81	3.91	3.83
	ηs,h		%		-		150		-	150
	Annual energy consumption		kWh/a		1,616	2,148	2,193	2,866	2,148	2,193

Indoor unit				FHA	71A9	100A	125A	140A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth			mm	235x1,270x690					
Weight	Unit				kg	34					
Air filter	Type				Resin net						
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0
		Heating	Low/Medium/High	m³/min	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0
Sound power level	Cooling				dBA	55.0	60.0	62.0	64.0	60.0	62.0
	Heating				dBA	55.0	60.0	62.0	64.0	60.0	64.0
Sound pressure level	Cooling	Low/High			dBA	34.0/38.0	34.0/42.0	37.0/44.0	38.0/46.0	34.0/42.0	38.0/46.0
	Heating	Nom./High			dBA	36.0/38.0	38.0/42.0	41.0/44.0	42.0/46.0	41.0/44.0	42.0/46.0
Control systems	Infrared remote control				BRC7GA53-9 / BRC7GA56						
	Wired remote control				BRC1H52W/S/K; BRC1E53A; BRC1E53B; BRC1E53C; BRC1D52						
Power supply	Phase/Frequency/Voltage				Hz/V	1~/50/60/220-240/220					
Piping connections	Drain					VP20					

Outdoor unit				RZASG	71MV1	100MV(1)	125MV(1)	140MV(1)	100MY(1)	125MY(1)	140MY(1)
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320		990x940x320				
Weight	Unit			kg	60	70 (MY1) / 72 (MY)		78 (MV1) / 79 (MV)	70 (MY1) / 72 (MY)		78 (MV1) / 79 (MV)
Sound power level	Cooling			dBA	65	70	71	73	70	71	73
	Heating			dBA	-		71	73	-	71	73
Sound pressure level	Cooling	Nom.		dBA	46	53		54	53		54
	Heating	Nom.		dBA	47	57					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~46						
	Heating	Ambient	Min.~Max.	°CWB	-15~-15.5						
Refrigerant	Type/GWP				R-32/675						
	Charge			kg/TCO2Eq	2.45/1.65	2.60/1.76		2.90/1.96	2.60/1.76		2.90/1.96
Piping connections	Liquid/ Gas	OD		mm	9.52/15.9						
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
			Chargeless	m	30						
	Level difference	IU - OU	Max.	m	30.0						
Additional refrigerant charge				kg/m	See installation manual						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50 /220-240				3~/50 /380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32		16		

Contains fluorinated greenhouse gases

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Ideal solution for small businesses and shops
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- › 5 different fan speeds available for maximum comfort
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible



More details and final information

can be found by scanning or

clicking the QR codes.



FHA-A(9)



AZAS-MV



AZAS-MY

Efficiency data		FHA + AZAS	100A + 100MV	125A + 125MV	140A + 140MV	100A + 100MY	125A + 125MY	140A + 140MY	
Cooling capacity	Nom.	kW	9.50	12.1	13.4	9.50	12.1	13.4	
Heating capacity	Nom.	kW	10.8	13.5	15.5	10.8	13.5	15.5	
Space cooling	Energy efficiency class		A	-		A	-		
	Capacity	Pdesign	kW	9.50	12.1	13.4	9.50	12.1	13.4
	SEER		5.6						
	ηs,c	%	-	221		-	221		
	Annual energy consumption	kWh/a	594	1,297	1,436	594	1,297	1,436	
Space heating (Average climate)	Energy efficiency class		A	-		A	-		
	Capacity	Pdesign	kW	6.00		7.80	6.00		7.80
	SCOP/A		3.87	3.75	3.81	3.87	3.75	3.81	
	ηs,h	%	-	147	149	-	147	149	
	Annual energy consumption	kWh/a	2,171	2,240	2,866	2,171	2,240	2,866	

Indoor unit				FHA	100A	125A	140A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth			mm					
Weight	Unit	kg								
Air filter	Type	Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0
		Heating	Low/Medium/High	m³/min	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0
Sound power level	Cooling			dBA	60.0	62.0	64.0	60.0	62.0	64.0
	Heating			dBA	60.0	62.0	64.0	60.0	62.0	64.0
Sound pressure level	Cooling	Low/High		dBA	34.0/42.0	37.0/44.0	38.0/46.0	34.0/42.0	37.0/44.0	38.0/46.0
	Heating	Nom./High		dBA	38.0/42.0	41.0/44.0	42.0/46.0	38.0/42.0	41.0/44.0	42.0/46.0
Control systems	Infrared remote control				BRC7GA53-9 / BRC7GA56					
	Wired remote control				RC1H52W/S/K; BRC1E53A; BRC1E53B; BRC1E53C; BRC1D52					
Power supply	Phase/Frequency/Voltage				Hz/V					
Piping connections	Drain				1~/50/60/220-240/220 VP20					

Outdoor Unit				AZAS100MV		AZAS125MV		AZAS140MV		AZAS100MY		AZAS125MY		AZAS140MY			
Dimensions	Unit	HeightxWidthxDepth		mm		990x940x320											
Weight	Unit			kg		72		79		72				79			
Sound power level	Cooling			dBA		70		71		72		70		71		72	
	Heating			dBA		70		71		72		70		71		72	
Sound pressure level	Cooling	Nom.		dBA		53		54		55		53		54		55	
	Heating	Nom.		dBA		57		58		59		57		58		59	
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~-46											
	Heating	Ambient	Min.~Max.	°CWB		-15~-15.5											
Refrigerant	Type/GWP			R-32/675													
	Charge			kg/TCO2Eq		2.60/1.76		2.90/1.96		2.60/1.76		2.90/1.96		2.90/1.96			
Piping connections	Liquid/Gas OD			mm		9.52/15.9											
	Piping length	OU - IU	Max.	m		30											
		System	Equivalent	m		50											
			Chargeless	m		30											
	Additional refrigerant charge			kg/m		See installation manual											
	Level difference	IU - OU	Max.	m		30.0											
Power supply	Phase/Frequency/Voltage			Hz/V		1~/50/220-240					3~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A		25		32			16						

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with split outdoor units is ideal for small retail, offices and residential applications
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- › 5 different fan speeds available for maximum comfort
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible



More details and final information can be found by scanning or clicking the QR codes.



FHA-A(9)



RXM-R



RXM-R9



RXM-A

Efficiency data		FHA + RXM	35A9 + 35R9	50A9 + 50A	60A9 + 60R
Cooling capacity	Nom.	kW	3.40	5.00	5.70
Heating capacity	Nom.	kW	4.00	6.00	7.20
Space cooling	Energy efficiency class		A++		
	Capacity	Pdesign	kW	5.00	5.70
	SEER		6.24	5.92	6.08
	Annual energy consumption		kWh/a	191	295
	Annual energy consumption		kWh/a	191	295
Space heating (Average climate)	Energy efficiency class		A+		
	Capacity	Pdesign	kW	4.35	4.71
	SCOP/A		4.43	3.86	3.87
	Annual energy consumption		kWh/a	1,577	1,704
	Annual energy consumption		kWh/a	1,577	1,704

Indoor unit		FHA		35A9	50A9	60A9
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690	235x960x690	235x1,270x690
Weight	Unit		kg	26	27	32
Air filter	Type			Resin net	Resin net	
Fan	Air flow rate	Cooling	Low/Medium/High	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5
		Heating	Low/Medium/High	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5
Sound power level	Cooling		dBA	53.0	54.0	54.0
	Heating		dBA	53.0	54.0	54.0
Sound pressure level	Cooling	Low/Medium/High	dBA	31.0/34.0/36.0	32.0/35.0/37.0	33.0/35.0/37.0
	Heating	Medium/Nom./High	dBA	31.0/34.0/36.0	32.0/35.0/37.0	33.0/35.0/37.0
Control systems	Infrared remote control			BRC7GA53-9 / BRC7GA56		
	Wired remote control			BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220		

Outdoor unit		RXM		35R9	50A	60R
Dimensions	Unit	HeightxWidthxDepth	mm	552x840x350	734x954x401	
Weight	Unit		kg	32	49.0	48.0
Sound pressure level	Cooling	Nom.	dBA	49.0		
	Heating	Nom.	dBA		49.0	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10 ~ 46	
	Heating	Ambient	Min.~Max.	°CWB	-15 ~ 18	
Refrigerant	Type				R-32	
	GWP				675.0	
Piping connections	Charge		kg/TCO2Eq	0.76/0.52	1.15/0.780	
	Liquid	OD	mm		6.35	
Piping connections	Gas	OD	mm	9.52		12.7
	Piping length	OU - IU	Max.	20		30
Piping connections	System	Chargeless	m		10	
	Additional refrigerant charge		kg/m		0.02 (for piping length exceeding 10m)	
Piping connections	Level	IU - OU	Max.	15		20.0
	difference		m			
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50 /220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A	13		16

Contains fluorinated greenhouse gases

Outdoor units

A range of industry leading technology outdoor units

- Products overview outdoor units
- Benefits overview outdoor units
- Low sound enclosure
- Variable Refrigerant Temperature
- Replacement technology

R-32 BLUEVOLUTION range

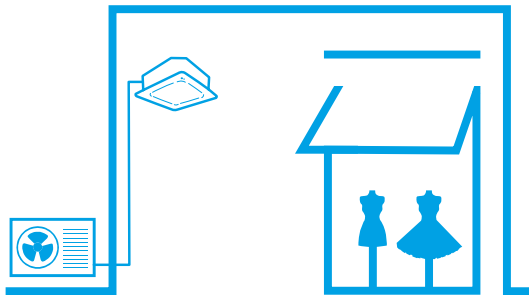
- RZASG-MV(1)/MY(1)
- RZA-D
- ZAS-MV/MY

Multi model and VRV range

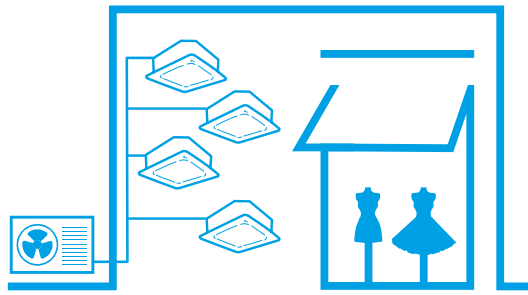
See Split or VRV chapter

Options & Accessories

Pair solution



Twin, triple, double twin solution



Products overview outdoor units



Pair, twin, triple & double twin application

BLUEEVOLUTION
R-32 SkyAir A-series

System	Type	Model	Product name	35	50	60	71	100	125	140	200	250
Air cooled	Heat pump	SkyAir Advance-series - Technology and comfort combined for commercial applications - Very compact and easy to install outdoor units - Maximum piping length up to 50m (RZA-D up to 100m) - Replacement technology - Operation range down to -15°C both cooling and in heating (RZA-D down to -20°C) - Pair, twin, triple and double twin application	R-32 A+ (A+++ - D)	RZASG-MV(1)/MY(1)								
				RZA-D								
		SkyAir Active-series - Ideal solution for busy environments and small shops - Very compact and easy to install outdoor units - Maximum piping length up to 30m - Replacement technology - Easy-to-mount outdoor units: roof, terrace or wall - Exclusively offered for pair applications	R-32 A (A+++ - D)	AZAS-MV/MY								

Benefits overview outdoor units

		SkyAir Advance-series		SkyAir Active-series
		RZASG-MV(1)/MY(1)	RZA-D	AZAS-MV/MY
We care icons	Seasonal efficiency - Smart use of energy	 (A+++ - D)	-	 (A+++ - D)
	Inverter technology	●	●	●
	Replacement technology	●	●	●
Comfort	Night quiet	●	●	●
	Auto cooling-heating changeover	●	●	●
Other functions	Variable refrigeration temperature			
	Twin/triple/double twin application	●	●	
	Swing compressor	●	●	●
	Guaranteed operation down to -20°C		●	
	Infrastructure cooling			
	Low sound enclosure		○	

Technical benefit overview

SkyAir A-series

	SkyAir Advance-series	SkyAir Active-series
	RZASG-MV(1)/MY(1)	AZAS-MV/MY
Compact single fan casing on the entire range	●	●
Maximum piping length	50 m	30 m
Pivoting front plate		●
7 segment display	●	●
Increased factory charge		
Integrated leak check		
Refrigerant bottom plate pass		
Specially developed R-32 swing compressor	●	●
Refrigerant cooled PCB	●	●
Intelligent Tablet controller - Onecta app	○	○

● standard, ○ optional

Low sound enclosure

EKLN140A

 **-10 dB(A)!**

Benefits

- ✓ **Dedicated Daikin option for:**
 - › Sky Air Alpha-series
 - › Sky Air Advance-series
 - › VRV 5 S-series
- ✓ **Fully optimised and tested in Daikin factory**
 - › Guaranteed performance levels (sound, capacity, efficiency)
- ✓ **Outdoor unit sound reduction of up to -10 dB(A) on sound power levels**
 - › Enabling to meet local sound requirements
 - › Increased flexibility to apply outdoor units
 - › Reduces sound on the entire sound spectrum
- ✓ **Minimal capacity reduction**
 - › Separated air intake and discharge to prevent air flow short circuit
 - › No additional calculations needed thanks to factory tested data
- ✓ **Easy to integrate**
 - › Anthracite (RAL 7016), highly aesthetic finishing
 - › Mechanically designed to perfectly suit the Sky Air Alpha/ Advance and VRV 5 S-series casings
 - › Self-supporting; can be installed on any flat surface
- ✓ **Fast & easy installation & servicing**
 - › 100 % weather resistant
 - › Easy opening to access most system components
- ✓ **Durable**
 - › 3 years warranty on all components
 - › Made of stainless steel with robust double layer powder coating, ensuring maximum corrosion resistance

Tried and tested: values that you can rely on

Our low sound enclosure eliminates possible problems and reduces your workload significantly:

- › **No incompatibilities** – tested combinations with the outdoor unit that you want to encase
- › **No surprises** – measured and guaranteed sound reduction according to ISO 3744
- › **No calculations** – tested performance values for capacity and efficiency



Sound power level measurement in acoustic chamber



Sound enclosure				EKLN140A	
Casing	Colour			Anthracite (RAL 7016)	
	Material			Sheet metal	
Dimensions	Unit	Height	mm	1,100	
		Width	mm	1,400	
		Depth	mm	1,500	
	Packed unit	Height	mm	1,017	
		Width	mm	1,517	
		Depth	mm	917	
Weight	Unit		kg	152	
	Packed unit		kg	186	
Combines with	Sky Air Advance-series			RZA-D	
	VRV 5 S-series			RXYS-AV1/AY1	

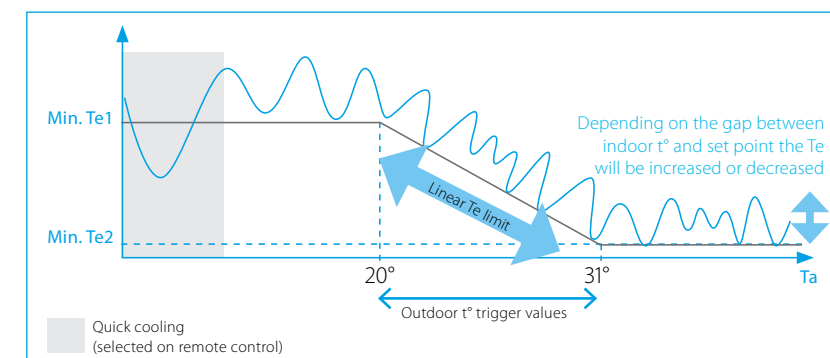
Outdoor units

Variable Refrigerant Temperature



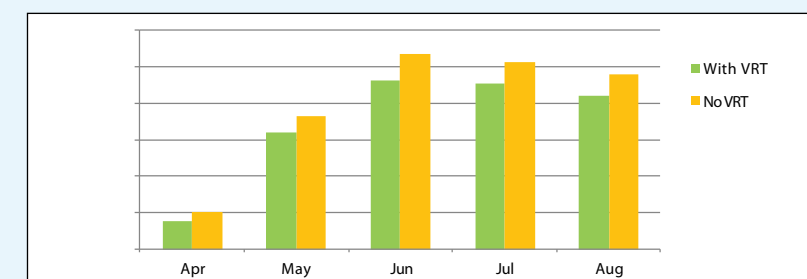
The ultimate customer experience

- ✓ **Increases air discharge temperature and eliminates cold drafts!**
 - ✓ **Increased customer comfort and reduced energy consumption!**
- › The system automatically increases its evaporating temperature (T_e) when the gap between the actual indoor temperature (T_{in}) and the setpoint (T_{set}) is becoming smaller, increasing comfort and providing more stable operation



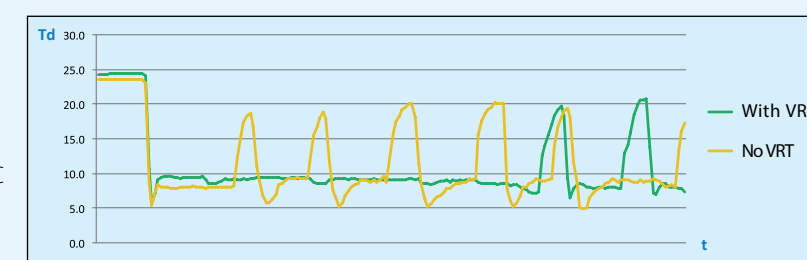
Case study: JBC, Vilvoorde

- ✓ **Two pair systems are installed in the same zone allowing comparison**
 - ✓ **More energy efficient: up to 20% lower energy consumption**
- Average energy consumption over 5 months of operation



- ✓ **Improved comfort: higher discharge temperatures**

- › More stable and continuous operation
- › Average discharge temperature increased with 3~4°C



Replacement technology

The quick and quality way of upgrading R-22 and R-410A systems

Benefits to increase your profit Optimise your business

Less installation time

Tackle more projects in less time thanks to faster installation. It is more profitable than replacing the full system with new piping.

Lower installation costs

Reducing installation costs enables you to offer customers the most cost-effective solution and improve your competitive edge.

Replace non-Daikin systems

NON DAIKIN **DAIKIN**

It is a trouble-free replacement solution for Daikin systems and for systems made by other manufacturers.

Easy as one-two-three

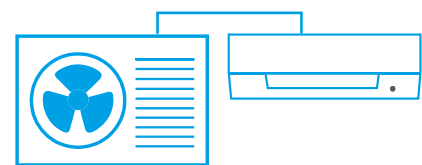
A simple solution for replacement technology enables you to handle more projects for more customers in less time and offer them the best price! Everybody gains.

How does it work?

The Daikin low-cost upgrade solution

! Replace indoor units

Contact your local dealer to check compatibility in case you need to keep the indoor units.



✓ Replace outdoor units

Learn more about Daikin replacement solutions at www.daikin.eu/en_us/knowledge-center/replacement-technology.html

The benefits will convince your customer

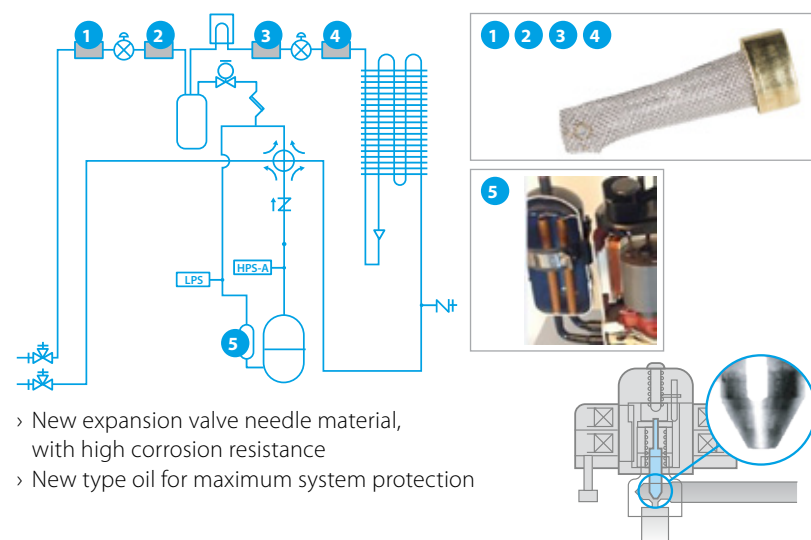
- ✓ To prevent unexpected breakdown
- ✓ To lower running costs
- ✓ To protect the environment
- ✓ To improve comfort

Your copper pipes will last for multiple generations

- copper pipes used in air conditioning systems tested by Daikin will last over 60 years after installation.

Unique technologies

› Cleaning free piping re-usage thanks to unique hepta filtering for maximum particle reduction



RZASG-MV(1)/MY(1)

Sky Air Advance-series

Technology and comfort combined for commercial applications

- › High efficiency:
 - Energy labels up to A++ (cooling) / A+ (heating)
 - Compressor offers substantial efficiency improvements
- › Very compact and easy to install
- › Replace existing systems with R-32 technology without needing to replace the piping
- › Guarantees operation in both heating and cooling mode down to -15°C
- › Refrigerant cooled PCB guarantees reliable cooling, as it is not influenced by ambient temperature.
- › Maximum piping length up to 50m, minimum piping length has no limitation
- › Outdoor units for pair, twin, triple, double twin application

R-32

SkyAir Advance-series
BLUEEVOLUTION



Pair, twin, triple and double twin application

		FCAG-B							FFA-A9			FDXM-F9			FBA-A(9)						
capacity class		35	50	60	71	100	125	140	35	50	60	35	50	60	35	50	60	71	100	125	140
RZASG71MV1		2			P				2			2			2			P			
RZASG100MV(1)	RZASG100MY(1)	3	2			P			3	2		3	2		3	2			P		
RZASG125MV(1)	RZASG125MY(1)	4	3	2			P		4	3	2	4	3	2	4	3	2			P	
RZASG140MV(1)	RZASG140MY(1)	4	3		2			P	4	3		4	3		4	3		2			P

		FDA-A		FHA-A(9)						FUA-A			FAA-B		FVA-A				FNA-A9		
capacity class		125	35	50	60	71	100	125	140	71	100	125	71	100	71	100	125	140	35	50	60
RZASG71MV1			2			P				P			P		P				2		
RZASG100MV(1)	RZASG100MY(1)		3	2			P			P			P		P				3	2	
RZASG125MV(1)	RZASG125MY(1)	P	4	3	2			P				P					P		4	3	2
RZASG140MV(1)	RZASG140MY(1)		4	3		2			P	2			2		2			P	4	3	

P = Pair, 2 = Twin, 3 = Triple, 4 = Double twin

More details and final information can be found by scanning or clicking the QR codes.



RZASG-MV1



RZASG-MY1



RZASG-MV



RZASG-MY

Outdoor unit				RZASG	71MV1	100MV(1)	125MV(1)	140MV(1)	100MY(1)	125MY(1)	140MY(1)
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320					
Weight	Unit			kg	60	70 (MY1) / 72 (MY)		78 (MV1) / 79 (MV)		78 (MV1) / 79 (MV)	
Sound power level	Cooling			dBA	65	70	71	73	70 (MY1) / 72 (MY)		71
	Heating			dBA	-	71(1)		73(1)	-	71(1)	73(1)
Sound pressure level	Cooling	Nom.		dBA	46	53		54	53		54
	Heating	Nom.		dBA	47	57					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~46						
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type/GWP				R-32/675						
	Charge			kg/TCO2Eq	2.45/1.65	2.60/1.76		2.90/1.96	2.60/1.76		2.90/1.96
Piping connections	Liquid/Gas OD			mm	9.52/15.9						
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
			Chargeless	m	30						
	Additional refrigerant charge			kg/m	See installation manual						
	Level difference	IU - OU	Max.	m	30.0						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50 / 220-240				3~/50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32		16		

(1)According to ENER Lot 21 | Contains fluorinated greenhouse gases

Sky Air Advance-series

Large Sky Air system for commercial applications in the most compact casing ever

- › Compact (870mm high) and lightweight single fan design makes the unit unobtrusive, saves space and is easy to install
- › Market-leading serviceability and handling, thanks to wide access area, 7-segment display and additional handle
- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A, leads directly to lower energy consumption thanks to its high energy efficiency and has a lower refrigerant charge
- › Replace existing systems with R-32 technology without needing to replace the piping
- › Guarantees operation in heating mode down to -20°C
- › Refrigerant cooled PCB guarantees reliable cooling, as it is not influenced by ambient temperature.
- › Maximum piping length up to 100m
- › Maximum installation height difference up to 30m
- › Outdoor units for pair, twin, triple, double twin application
- › Combines with EKLN-A low sound enclosure

R-32

SkyAir Advance-series BLUEVOLUTION



Comfort cooling combination table

	FCAG-B					FFA-A9		FDXM-F9		FBA-A(9)					FHA-A(9)					FDA-A			FUA-A			FAA-B			FVA-A			FNA-A9	
capacity class	50	60	71	100	125	50	60	50	60	50	60	71	100	125	50	60	71	100	125	25	200	250	71	100	125	71	100	71	100	125	50	60	
RZA200D	4	3	3	2		4	3	4	3	4	3	3	2		4	3	3	2			P		3	2		3	2	3	2		4	3	
RZA250D		4			2		4		4		4			2		4			2	2		P			2					2		4	

P = pair application

More details and final information can be found by scanning or clicking the QR codes.



RZA-D

Outdoor unit				RZA	200D		250D	
Dimensions	Unit	HeightxWidthxDepth		mm	870x1,100x460			
Weight	Unit			kg	117			
Sound power level	Cooling			dBA	73		76	
	Heating			dBA	76		79	
Sound pressure level	Cooling	Nom.		dBA	53		57	
	Heating	Nom.		dBA	60		63	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~46			
	Heating	Ambient	Min.~Max.	°CWB	-20~15			
Refrigerant	Type/GWP				R-32/675			
	Charge			kg/TCO2Eq	5/3.38			
Piping connections	Liquid/Gas OD			mm	9.52/22.2			
	Piping length	OU - IU	Max.	m	100			
		System	Chargeless	m	30			
		Additional refrigerant charge		kg/m	See installation manual			
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50 /380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	20			

Contains fluorinated greenhouse gases

Sky Air Active-series

Ideal solution for busy environments and small shops

- › High efficiency:
 - Energy labels up to A+ (cooling) / A (heating)
 - compressor offers substantial efficiency improvements
- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- › Very compact and easy to install
- › Replace existing systems with R-32 technology without needing to replace the piping



- › Guarantees operation in heating mode down to -15°C and in cooling mode down to -10°C
- › Refrigerant cooled PCB guarantees reliable cooling, as it is not influenced by ambient temperature.
- › Piping length up to 30m
- › Exclusively offered for pair applications

R-32

SkyAir Active-series BLUEVOLUTION



Pair application

capacity class	FCAG-B				FBA-A(9)				FAA-B				NEW FHA-A(9)				NEW FVA-A				ADEA-A		
	71	100	125	140	71	100	125	140	71	100	125	140	71	100	125	140	71	100	125	140	71	100	125
AZAS-MV		P	P	P		P	P	P		P				P	P	P		P	P	P		P	P
AZAS-MY		P	P	P		P	P	P		P				P	P	P		P	P	P			

P = pair application

More details and final information can be found by scanning or clicking the QR codes.



AZAS-MV



AZAS-MY

Outdoor Unit					AZAS71	AZAS100MV	AZAS125MV	AZAS140MV	AZAS100MY	AZAS125MY	AZAS140MY	
Dimensions	Unit	HeightxWidthxDepth			mm	734x954x401		990x940x320				
Weight	Unit				kg	49.0		72		79	79	
Sound power level	Cooling				dBA	-		70	71	72	72	
	Heating				dBA	-		70	71	72	72	
Sound pressure level	Cooling	Nom.			dBA	52.0		53	54	55	55	
	Heating	Nom.			dBA	52.0		57	58	59	59	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~-46							
	Heating	Ambient	Min.~Max.	°CWB	-15~-24	-15~-15.5						
Refrigerant	Type/GWP				R-32/675							
	Charge				kg/TCO2Eq	1.15/0.780	2.60/1.76		2.90/1.96		2.60/1.76	2.90/1.96
Piping connections	Liquid/Gas OD				mm	9.52/15.9						
	Piping length	OU - IU	Max.	m	30							
		System	Equivalent	m	-	50						
		Chargeless				m	-	30				
	Additional refrigerant charge			kg/m	0.035 <small>(for piping length exceeding 10m)</small>	See installation manual						
	Level difference	IU - OU	Max.	m	20.0		30.0					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240				3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	-	25	32		16			

Contains fluorinated greenhouse gases

Options - Sky Air			FCAHG-H FCAG-B	FFA-A9	FDXM-F9	FBA-A(9)	FDA125A	FDA200-250A	FAA-B	FTXM-R	FHA-A(9)	
INDOOR UNITS												
Panels	Decoration panel (obligatory for cassette units, optional for others)		Standard panels: BYCQ140E (white) / BYCQ140EW (full white)(1) / BYCQ140EB (black) Auto cleaning panels(2)(4): BYCQ140EGF (white) / BYCQ140EGFB (black) Designer panels: BYCQ140EP (white) / BYCQ140EPB (black)	BYFQ60C2W1W (white panel) BYFQ60C2W1S (grey panel) BYFQ60B3W1 (standard panel)			BYBS125D (19)					
	Panel spacer for reducing required installation height			KDBQ44B60 (only for standard panel)								
	Sealing kit for 3- or 2-directional air discharge		KDBHQ56B140 (11)									
	Sensor kit		BRYQ140B (white) BRYQ140BB (black) BRYQ140C (white designer) BRYQ140CB (black designer)	BRYQ60AW (white)(9) BRYQ60AS (silver)(9)								
Individual control systems	Onecta app		BRP069C82 (14) (18)	BRP069C81 (18)	BRP069C81	BRP069C81 (18)	BRP069C81 (18)	BRP069C82 (20)	BRP069C81 (18)	Integrated in PCB	BRP069C81 (18)	
	Infrared remote control (incl. receiver)		BRC7FA532F (white) (11) (16) BRC7FA532FB (black) (11) (16) BRC7FB532F (designer white) (11) (16) BRC7FB532FB (designer black) (11) (16)	BRC7EB530W for standard panel (5)(6) BRC7F530W for white panel (5)(6) BRC7F530S - for silver panel (5)(6)	BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC7EA631 (71 class) BRC7EA632 (100 class)	ARC466A67	BRC7GA53-9	
	Madoka BRC1H52W (9) (White) / BRC1H52S (9) (Silver) / BRC1K552K (9) (Black) User-friendly wired remote controller with premium design		●	●	●	●	●	●	●		●	
	BRC1E53A/B/C (3) (13) - Wired remote controller with full-text interface and back-light		●	●	●	●	●	●	●	● (BRC073A1) BRCW901A03/A08 extention cords available (15)	●	
Centralised control systems	DIII-net connection - for connection to centralized control		standard	standard	standard	standard	standard	standard	standard	KRP928BB2S (15)	standard	
	DCC601A51 - intelligent Tablet Controller		●	●	●	●	●	●	●		●	
	DCS601C51 (13) - intelligent Touch Controller		●	●	●	●	●	●	●	● (15)	●	
	DCS302C51 (13) - Central remote controller		●	●	●	●	●	●	●	● (15)	●	
	DCS301B51 (13) - Unified ON/OFF controller		●	●	●	●	●	●	●	● (15)	●	
Building Management System & Standard protocol interfaces	for individual control	EKMBPP1 - Modbus interface for monitoring and control	●	●	●	●	●	●	●	● (15)	●	
		RTD-10 - Modbus interface for infrastructure cooling	●	●	●	●	●	●	●	● (15)	●	
		RTD-20 - Modbus interface for retail	●	●	●	●	●	●	●	● (15)	●	
		RTD-HO - Modbus interface for hotel	●	●	●	●	●	●	●	● (15)	●	
		KLIC-DI_V2 - KNX Interface	●	●	●	●	●	●	●	● (KLIC-DDV3) (15)	●	
	for central control	DCM601B51 - intelligent Touch Manager	●	●	●	●	●	●	●	●	● (15)	●
		DGE601A51 - Edge adapter for connection to Daikin Cloud Plus	●	●	●	●	●	●	●	●	● (15)	●
		DGE602A51 - Edge lite adapter for connection to Daikin Cloud Plus	●	●	●	●	●	●	●	●	● (15)	●
		EKMBDXB - Modbus interface	●	●	●	●	●	●	●	●	● (15)	●
		DCM010A51 - Daikin PMS interface	●	●	●	●	●	●	●	●	● (15)	●
		DMS502A51 - BACnet Interface	●	●	●	●	●	●	●	●	● (15)	●
		DMS504B51 - LonWorks Interface	●	●	●	●	●	●	●	●	● (15)	●
Filters	Auto cleaning filter		see deco panel		BAE20A62 (25 - 35) BAE20A102 (50 - 60)							
	UV Streamer kit (purifies the air of pollutants such as virusses, bacteria, fine dust, odours, allergens, etc ensuring a healthy indoor environment)	UV Streamer kit	BAEF125AWB (22)									
		Replacement filter	BAF55A125									
	High efficiency filter		ePM10 60% BAF552AA160 (23) (BAF552AA160-5: box of 5 filters) (BAF552AA160-10: box of 10 filters)									
	Replacement long-life filter, non-woven type		KAF5511D160	KAF441C60				BAFL502A250 (20)			KAF501B56 (35-50) KAF501B80 (60-71) KAF501B160 (100-140)	
Wiring and sensors	Filter chamber							BDD500B250				
	Extension wire auto cleaning panel (required when auto cleaning panel AND Onecta app are both installed)											
	KRC5 - External wired temperature sensor		KRCS01-5B	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-6B	KRCS01-4		KRCS01-4	
Wiring and sensors Adapters	K.R55 - External wireless temperature sensor		SB.K.R55_RFC (EKEWTSC-2 + K.R55)	●		●	●	SB.K.R55_FDA (EKEWTSC-1 + K.R55)			●	
	Wiring adapter with 2 output signals (compressor/ Error, Fan output)		KRP1BA58 (10)(11)	KRP1B57 (10)	KRP1B56 (10)			KRP4A51 (17)	KRP4A51 (10)	KRP413AB1S (15)		
	Adapter (interlock for fresh air intake fan)					KRP1B54	KRP1C64 (8)	KRP1C65			KRP1B54 (10)	
	Adapter with 4 output signals (compressor / Error, Fan, Aux, heater, Humidifier output)		EKRP1C12 (10)(11)	EKRP1B2		EKRP1B2 (7)	EKRP1B2 (7)	EKRP1C13				
	Adapter for centralised external monitoring/control (controls 1 entire DIII-NET system)				KRP2A53 (10)	KRP2A51 (7)(10)	KRP2A51 (8)	KRP2A51 (17)				
	Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω (for dedicated indoor)		KRP4A53 (10)(11)(17)	KRP4A51	KRP4A54-9	KRP4A52 (10)					KRP4A52 (10)	
	Adapter for keycard and/or window contact connection (in combination with BRC1H*, BRC1/2/3E* only)		BRP7A53	BRP7A53	BRP7A54 (10)	BRP7A51 (12)	BRP7A54 (8)	BRP7A54	BRP7A51 (10)		BRP7A52 (10)	
	Installation box/Mounting plate for adapter PCBs (when there is no space in the switchbox, an installation box is required)		KRP1H98A (11)	KRP4A93	KRP1BC101	KRP1BC101	KRP4A96		KRP4B93		KRP1D93A (21)	
	Wiring kit for Remote ON/OFF or Forced OFF		standard	standard	standard	standard	EKRORO3		standard		EKRORO4	
Others	Drain pump kit							BDU510B250VM	K-KDU572KVE		KDU50R63 (35 - 60) KDU50R160 (71 - 140)	
	Multi zoning kit (for detailed model code overview refer to multizoning argue card in this catalogue)				●	●						
	L-type piping kit (upward direction)										KHFP5MA35 (35) KHFP5N63 (50-60) KHFP5N160 (71-140)	
	Fresh air intake kit (direct installation type)		KDDP55C160-1 (chamber) KDDP55D160-2 (diffuser) (11)	KDDQ44XA60								
Others	Air discharge adapter for round duct						KDAP25A56A (35-50) KDAP25A71A (60-71) KDAP25A140A (100-140)	KDAJ25K140A				

- (1) Dirt formation is more easily visible on white insulation. It is recommended not to install this option in environments with a high concentration of dirt.
 (2) To be able to control option BYCQ140EG(F)/EGFB, controller BRC1H*, BRC1E* is needed. These options cannot be combined with RXYSQ*, multi or non-inverter split units
 (3) Included languages are:
 A: English, German, French, Dutch, Spanish, Italian and Portuguese
 B: English, Bulgarian, Croatian, Czech, Hungarian, Romanian and Slovenian
 C: English, Greek, Polish, Russian, Albanian, Slovak and Turkish
- (4) The option is intended exclusively for use in fine dust enviornments (e.g. Clothing shops). Do not use it in environments that are greasy or have high humidity. F = finer mesh
 (5) Sensing function is not available
 (6) Individual flap control function not available
 (7) If installing an electrical heater, an option PCB for external electrical heater (EKRP1B2) for each indoor unit is required. These options require mounting plate KRP4A96. Electrical heaters and humidifiers are field-supplied. Do not install them inside the equipment.
 (8) Mounting plate KRP4A96 is required for these options. Maximum 2 option PCB's can be mounted.
 (9) This option cannot be used with RR and RQ models
- (10) Requires installation box for adapter PCB, refer to table for model code
 (11) This option cannot be combined with BYCQ140EG(F)/EGFB
 (12) Maximum 2 optional PCBs can be mounted
 (13) Applicable boxes (KJB*) to mount controllers can be found in the controls option list
 (14) Extention wire (EWHAR1) is needed if both auto cleaning panel AND Onecta app are connected
 (15) Wire harness EKRS21 needed. Standard Wireless LAN needs to be turned off to use these controllers
 (16) The active airflow circulation function is not available for this controller
 (17) This option cannot be combined with Onecta app
 (18) Only possible in combination with wired or wireless remote control
- (19) For directly mounting the decoration panel on the unit, decoration panel option EKBYBSD is required.
 (20) This option cannot be combined with KRP4A51 and KRP2A51. (in case of filter, filter chamber is required)
 (21) Mounting plate KKSAP50A56 needed for 35-50 capacity class
 (22) Only possible in combination with BYCQ140E and BYCQ140EW. Cannot be combined with other filters, chambers, fresh air intake kits or air discharge outlet sealing member kit
 (23) Only possible in combination with BYCQ140E/EW/EB. Cannot be combined with other filters, chambers, fresh air intake kits or discharge outlet sealing member kit

		R-32		
		RZA5G-MV(1)/MY(1)	RZA-D	AZAS-MV/MY
Refrigerant branch piping (3)	for twin	KHRQ58T (imperial size)	KHRQ22M20TA (imperial size)	
	for triple	KHRQ58H (100 - 140) (imperial size)	KHRQ250H7 (imperial size)	
	for double twin	KHRQ58T (3x) (125 - 140) (imperial size)	KHRQ22M20TA (x3) (imperial size)	
	Asymmetric combinations piping reducer			
Demand adapter kit		SB.KRP58M52 (1)	KRP58M51 (2)	
Bottom plate heater - To keep drain holes ice-free in extreme weather conditions			EKBPH250D	
Sound enclosure			EKLN140A	

(1) Contains KRP58M1 and obligatory mounting kit EKMKSA2
(2) To mount KRP58M51, an additional mounting kit (EKMKSA3) needs to be used (obligatory)
(3) For metric size refrigerant branching contact your local sales representative

EKLN140A - Sound enclosure

Drain pan	EKLN140-DP
Drain pan heater tape	EKLN140-DPHT (1)

(1) Only in combination with EKLN140-DP



Daikin’s latest innovation for commercial refrigeration – a propane monoblock, specially designed for small and medium-sized cold rooms, suitable for a very wide range of applications like HoReCa., supermarkets, food industry, logistics, hospitals, data centers, etc.

The added value of using propane for refrigeration includes environmental sustainability, energy efficiency, cost savings, and safety. As a natural and efficient refrigerant, propane is a smart choice for businesses that want to reduce their environmental impact, save money, and ensure the safety of their employees and customers.

Why LMS-Inverter monoblock is the best choice for your cold room?



Easy Installation



Space Saving



Energy Efficiency



Lower Maintenance



Improved Performance

Standard equipment

- › Inverter driven hermetic reciprocating compressor
- › 50/60 Hz power supply
- › CE Certified
- › Filter dryer
- › Condenser fan ON/OFF controlled by temperature probe
- › Electronic expansion valve
- › Condensate evaporation tray
- › Hot gas defrost
- › Propane refrigerant charge → 150gr
- › Electronic control board
- › Electrical switchboard with protection fuses
- › Fixed calibration HP switch with automatic reset
- › 5 m cable for power supply
- › 2 m cold room lighting cable (light bulb and bulb as option)
- › 5 m micro-switch door cable (Microswitch as option)
- › 5m cable for door heater

Model		LMSEY1A09AVM00 / LMSEY1A13AVM00
Power Supply	[V/Ph/Hz]	230/1/50-60
Compressor		Hermetic + inverter
Compressor displacement	[cc]	1 x 14,7
Refrigerating circuits		1
Expansion device		EEV
Defrost		Hot gas
Condenser fan	[nr x mm]	1 x 230
Condenser airflow ¹	[m3/h]	555
Evaporator fan	[nr x mm]	1 x 230
Evaporator airflow ¹	[m3/h]	597
Evaporator airthrow ²	[m]	9,6
Operating sound pressure ³	[dBA]	39,4
Unit weight	[kg]	52
Refrigerant weight (each circuit)	[kg]	0,15
Cold room temperature range	[*C]	+10 ÷ -25
Max ambient temperature	[*C]	45°C
Standards for cooling capacity determination ⁴		EN 17432

1. According to EN ISO 5801
2. According to CECOMAF GT 6-001 (final velocity = 0,25 m/s)
3. According to UNI EN ISO 3746
4. EN 17432: "Packaged refrigerating units for walk-in cold rooms - Classification, performance and energy consumption testing"

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