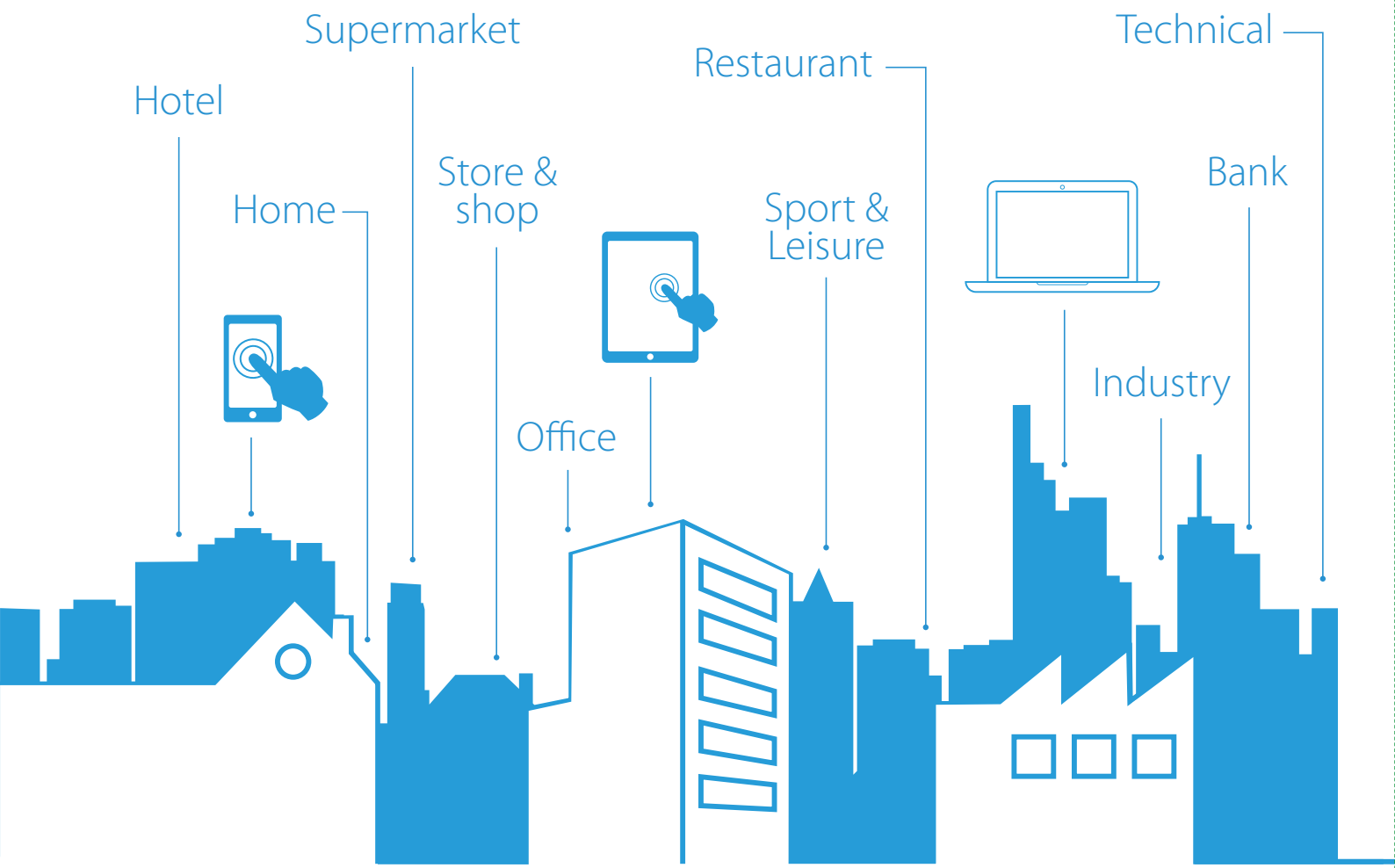
Africa General Catalogue

Heat Pump and Cooling Only

Daikin world



Daikin is a leading manufacturer and supplier of heating, ventilation, air conditioning and refrigeration for the residential, commercial and industrial markets.

With more than 95 years of experience in air conditioning and climate control solutions, we know what it takes to create the perfect climate.

Our high-quality products are built to deliver maximum comfort, energy efficiency and reliability. Each unit also includes smart control, which means you have access to control your unit at any time, from anywhere.

We also offer a reliable network of technical and on-site support services through our online portal. Through web applications and tools, we help you monitor and manage your system to keep it running seamlessly.

As an innovation leader, we guarantee our products and services can help you achieve your perfect climate.

For more information, visit daikinafrica.com

Our promise...

... is to ensure that customers can depend on Daikin for the ultimate in comfort, so that they are free to focus on their own working and home lives.

We promise to dedicate ourselves to technological excellence, a design focus and the highest quality standards so that our customers can trust and rely on the comfort we deliver.

Our promise to the planet is absolute. Our products are at the forefront of low energy-usage and we will innovate to further reduce the environmental impact of HVACR (Heating, Ventilation, Air conditioning, Refrigeration) solutions.
We lead where others follow.

We will continue our global leadership in HVACR solutions as our specialist expertise in all market sectors combined with over 90 years' experience enable us to deliver added value in long-lasting relationships based on trust, respect and credibility.

We promise to continue our forward-thinking ethos, treating challenges as opportunities to produce ever-better solutions. We will drive innovation and go the extra distance for our customers and our company.
We will be smart and ready to do things differently.

We will deliver on these core values of our brand and enjoy sustainable success with continued growth.

Table of Contents

Benefits

We care icons

Seasonal efficiency, smart use of energy
Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season.

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.

Inverter technology
Inverter compressors continuously adjust compressor speed to actual demand. Fewer power-consuming starts and stops result in decreased energy consumption (up to 30%) and more stable temperatures.

2 area motion detection sensor
Air flow is sent to a zone other than where the person is located at that moment. Detection is done in 2 directions: left and right. If no people are detected, the unit will automatically switch over to the energy-efficient setting.

3 area motion detection sensor
Air flow is sent to a zone other than where the person is located at that moment. Detection is done in 3 directions : left, front and right. If no people are detected, the unit will automatically switch over to the energy-efficient setting and eventually switch off.

Energy saving during operation standby
Current consumption is reduced by about 80 % when operating on standby.

Night set mode
Saves energy, by preventing overcooling or overheating during night time.

Econo mode
This function decreases the power consumption so that other applicances that need large power consumption can be used. This function is also energy saving.

Movement sensor
Saves power consumption in unoccupied rooms: when the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room.

Home leave operation
During absence, the indoor temperature can be maintained at your specified comfort level during absence.

Fan only
The air conditioner can be used as fan, blowing air without cooling or heating.

Free cooling
By exploiting the low external air temperatures to cool the water, free cooling reduces the load on the compressors and decreases considerably the annual operating costs during the cold season.

Floor & presence 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.

Solar panel
Take advantage of solar power. Easily connect your hot water storage to solar collectors on your roof.

Comfort

Comfort mode
The unit automatically changes the angle of the air discharge louvre depending on the mode. In cooling operation the air will be directed rather upwards to avoid cold draught, while in heating operation the air will be directed rather downwards to avoid cold feet.

Powerful mode
If the temperature in the room is too high/low, it can be cooled down/heated quickly by selecting the 'powerful mode'. After the powerful mode is turned off, the unit returns to the preset mode.

Impossible to hear
Practically inaudible: the unit runs so quietly, you will almost forget it is there.

Whisper quiet
Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood. (with sound levels as low as 19dBA)

Outdoor unit silent operation
To ensure a quiet environment for the neighbourhood the user can lower the operation sound of the outdoor unit by 3 dB(A) via remote control.

Comfortable sleeping mode
Increased comfort function that follows a specific temperature fluctuation rhythm.

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.

Auto cooling-heating changeover
Automatically selects cooling or heating mode to achieve the set temperature (heat pump types only).

Indoor unit silent operation
To ensure a quiet environment for studying or sleeping the user can lower the operation sound of the indoor unit by 3 dB(A) via remote control.

Night quiet mode (cooling only)
Lowers the operation sound of the outdoor unit automatically at night.
Installer has to make special setting on outdoor unit or wired remote controller, depending on model.

Radiant heat
The front panel of the indoor unit radiates additional heat to add to your comfort on cold days

Fresh hot water
The structure of thermal store ensures optimal water hygiene and eliminates the risk of bacteria and legionella. Rest assured that your hot water is fresh and safe

Air flow

Ceiling soiling prevention
A special function prevents air blowing out too long in horizontal position, to prevent ceiling stains.

Vertical auto swing
Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution.

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

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.

Coanda effect - cooling
The Coanda effect optimises the airflow in cooling mode. By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room.

Coanda effect - heating
The Coanda effect optimises the airflow in heating mode. By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room.

3-D Air flow
This function combines Vertical and Horizontal auto-swing to circulate a stream of cool/warm air right to the corners of even large spaces.

Horizontal auto swing
Possibility to select automatic horizontal moving of the air discharge louvre, for uniform air flow and temperature distribution.

Fan speed steps
Allows to select up to the given number of fan speed.

Fireplace logic
When installed close to a heating device (e.g. fireplace or oven) and the set temperature is reached, the fan keeps on running to have an even temperature throughout the whole house

Intelligent thermal sensor
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.

Benefits

Humidity control

Ururu - humidification
Moisture is absorbed from the outdoor air and evenly distributed throughout the indoor areas.

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

Sarara - dehumidification
Reduces indoor humidity, without affecting the room temperature, by mixing cool, dry air with warm air.

Air treatment

Flash streamer
Generates high speed electrons that powerfully breaks down viruses, bacteria, odours and allergens.

Silver allergen removal and air purifying filter
Captures allergens such as pollen and dust mites.
The filter suppresses pollen and mites for 99% or more.

Titanium apatite deodorizing filter
Captures airborne dust particles and harmful organic chemical substances such as bacteria, viruses and allergens and deodorizes the odours of e.g. tobacco and pets.

Air filter
Removes airborne dust particles to ensure a steady supply of clean air.

Remote control & timer

Weekly timer
Timer can be set to start operation anytime on a daily or weekly basis

Timer
Allows to preset the air conditioner to start/stop at a specified time.

Wired remote control
Wired remote control to start, stop and regulate the air conditioner from a distance.

Multi zoning
Allows up to 6 individual climate zones with one indoor unit.

24 Hour timer
Timer can be set to start cooling/heating anytime during a 24-hour period.

Infrared remote control
Infrared remote control with LCD to start, stop and regulate your indoor unit from a distance.

Centralised control
Centralised control to start, stop and regulate several indoor units from one central point.

Online controller via app
Control your indoor unit from any location via app.
(optional WLAN adapter)

Other functions

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

Twin/triple/double twin application
2, 3 or 4 indoor units can be connected to only 1 outdoor unit. All indoor units operate within the same mode (cooling or heating) from one remote control.

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.

Multi tenant
The indoor unit's main power supply can be turned off when leaving the hotel or office building.

Scroll compressor
Scroll compressors consist of two scrolls, one is fixed while the other orbits eccentrically without rotating. Designed for small and medium capacities, they provide constant reliability and high efficiency throughout its service life.

Centrifugal compressor
Centrifugal compressors use an impeller and volute section to convert the velocity energy into pressure energy. Centrifugal compressors are designed with either optional variable speed drives (VFD) for superior part-load performance for single or dual compressor units, or with magnetic bearings and totally oil-free operation.

Guaranteed operation down to -20°C
Daikin heat pumps are suitable for all climates, even withstanding severe winter conditions with an operation range down to -20°C

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.

Self-diagnosis
Simplifies maintenance by indicating system faults or operating anomalies.

Multi model application
Up to 5 indoor units (even different capacities) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.

Drain pump kit
Facilitates condensation draining from the indoor unit.

Swing compressor
Swing type compressors have a unified vane and roller with fewer moving parts producing low vibration and friction, achieve higher reliability and efficiency compared to conventionally rotary compressors.

Screw compressor
Single screw compressors consist of a main single screw and two gate rotors. Optimal performance through step less capacity control, they are designed for high capacities and optimal performances.

Reciprocating compressor
The reciprocating type compressor consists of a cylinder, pistons and valves. The compression is accomplished by reciprocating movements of the piston in the cylinder.

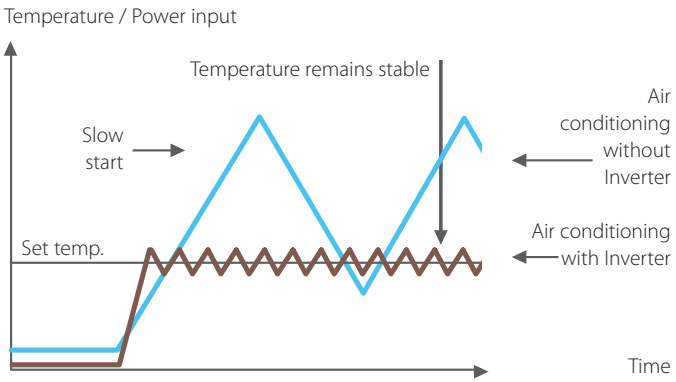
Guaranteed operation down to -25°C
Daikin heat pumps are suitable for all climates, even withstanding severe winter conditions with an operation range down to -25°C

What is Inverter Technology?

Daikin's **inverter technology** is a **true innovation** in the field of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement - no more, no less! This technology provides two clear benefits:

› **Comfort:** The inverter repays its investment many times over by improving comfort. An air conditioning system with **an inverter continuously adjusts its cooling and heating output** to suit the temperature in the room, thus **improving comfort levels.** The inverter reduces system start-up time, so the required room temperature is reached more quickly. As soon as the correct temperature is reached, the inverter ensures that it is constantly maintained.

› **Energy efficient:** Because an inverter **monitors and adjusts** the ambient temperature whenever needed, **energy consumption drops by 30%** compared with a traditional on/off system.

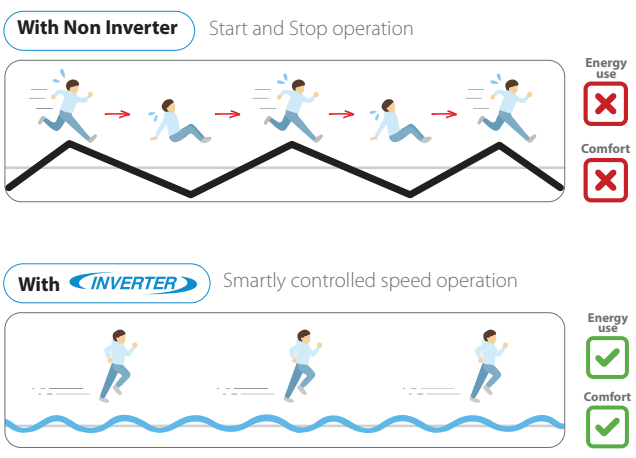


The inverter technology is integrated in the outdoor unit. The inverter technology can be compared to the technology in a car: "The harder you push the accelerator, the faster you go."

An inverter unit will gradually increase its capacity based on the load needed in the room to cool down or heat up the room. The non-inverter can be compared with switching on or off a lamp. Switching on this type of unit will start to run full load.

Why do you need INVERTER in Africa?

The amount of cooling (heating) capacity required depends on the outside temperature and the heat inside the room to be treated. Since the outside temperature varies all year long, but also during the course of the day, the cooling requirements will also vary all year round. Only a smart system – Inverter – can constantly adjust the delivered capacity to meet the specific requirements.



What is R-32?

The chemical name for R-32 is difluoromethane. It is already used for many years as a component of the refrigerant blend R-410 (50% R-32 and 50% R-125). Daikin and other industry players recognize today that there are several advantages of using R-32 in its pure form instead of R-410 or other types of blends. It is considered the most balanced next generation refrigerant for residential and commercial air conditioners, cooling and heat pump systems.

	R-22	R-410A	R-32
Composition	Pure R-22 (no blend)	Blend of 50% R-32 + 50% R-125	Pure R-32 (no blend)
GWP (Global Warming Potential)	1,810	2,087.5	675
ODP (Ozone Depletion Potential)	0.05	0	0

Compared to the refrigerant R-410A, the Global Warming potential of R-32 is only one third (GWP is 675 for R-32 compared to 2,088 for R-410A), while it allows for a much smaller refrigerant volume or higher energy efficiency.

As a single component refrigerant, R-32 is also easier to recycle and reuse, which is another environmental bonus.

In addition, R-32 is easy to handle for installers and service technicians as it can be charged in both liquid and gas phase and working pressures are similar to R-410A. There is also no need to worry about fractionation or glide problems as R-32 is not a blend refrigerant.

Worldwide Usage

R-32 is currently being used in about 15 million air conditioning units (estimated May 2016) in more than 40 countries worldwide, including Japan, India, Australia, Thailand and several other Asian, Middle East and European countries. In GCC, more than 10,000 units were sold in Oman and the UAE, as of June 2016.

Key Characteristics

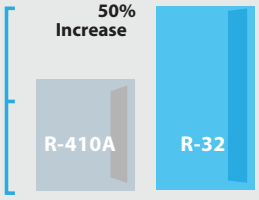
R-32 is a next generation refrigerant that addresses a range of environmental considerations in a balanced manner.

- ☑ R-32 does not deplete the ozone layer, unlike R-22
- ☑ R-32 has a GWP of 675 - about one third of R-410A
- ☑ With R-32, the energy efficiency of the equipment can be higher compared to R-410A or it can be kept at the same level but with a more compact model size
- ☑ Easier to reclaim, recycle and reuse and no need to worry about composition changes in case a leakage occurred in the equipment

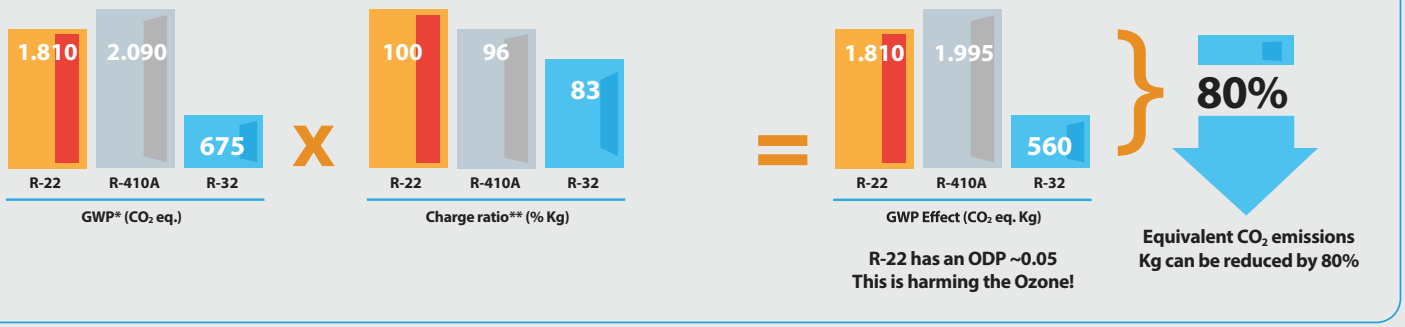
Environmental Benefits of R-32

One of the important features of refrigerants is their heat transfer capacity. R-32 possesses about 1.5 times higher heat transfer capacity than R-410A, which means that its charge volume can be up to 30% smaller, depending on the model design. This in addition to the lower GWP of R-32 results in a strongly reduced potential global warming impact.

The potential global warming impact (GWP x charge volume) can be up to 75% less than that of R-410A. R-32 can improve energy efficiency by 510%- depending on models.



1.5 Times Higher Heat Transfer Capacity of R-32



* Based on IPCC 4th report
** Based on charge ratio on 18 class for FTD, FTS and FTKM 50 Hz series.

Heat Pump

Split Systems

Comfort all year round

Because every home is unique and it's your living environment, choosing the right system depends on the specific needs of the project. Whether it's a new build or a renovation, whether the spaces are big or small, Daikin has a heat pump solution that is right for you.

Full split R-32 range for average and cold outdoor temperatures

5 reasons why split is unique in the market

BLUEVOLUTION

1 Best comfort through intelligent sensors

Intelligent thermal sensor

Stylish FTXA-A uses an intelligent thermal sensor to detect the surface temperature of a room to create a more comfortable climate by directing the airflow to the required area.

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.

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.

Fireplace logic

When installed close to a heating device (e.g. fireplace or oven) and the set temperature is reached, the fan keeps on running to have an even temperature throughout the whole house

(Applicable for optimised heating FTXTM-M unit only)

2 Top air treatment through unique filtration

Flash streamer

Using electrons to trigger chemical reactions with air molecules, the Flash Streamer breaks down viruses, leaving you with perfect, allergen-free air.

Auto cleaning filter

The filter automatically cleans itself once per day. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance.

3 Connectivity: WLAN available on all units

The Daikin Online Controller application can control and monitor up to 50 split air conditioning units. All Bluevolution units are connectable with the Daikin Online Controller.

4 Reliability through best technology

To guarantee the seamless operation, even in temperatures as low as -25°C, the Optimised Heating 4 range offers enhanced features:

- A large size compressor for comfortable heating and capacity whenever needed
- Upgrades for fewer defrost cycles
- Extended pipe and drain connections for easier installation
- Free hanging coil: no need for a heater cable.

5 Iconic and award winning designs

Our Daikin Emura, Stylish and Ururu Sarara have earned several awards for their innovative look and functional capabilities.

The best of the best

Why choose Ururu Sarara?

The Daikin Ururu Sarara brings a new level of sophisticated control to air conditioning. It has five air treatment techniques which together provide a total comfort solution. In addition, the Ururu Sarara range has SEER and SCOP A+++ ratings thanks to its energy efficient compressor and heat exchanger. Because of its innovative technology, as well as its design, it won the prestigious Red Dot design award in 2013.

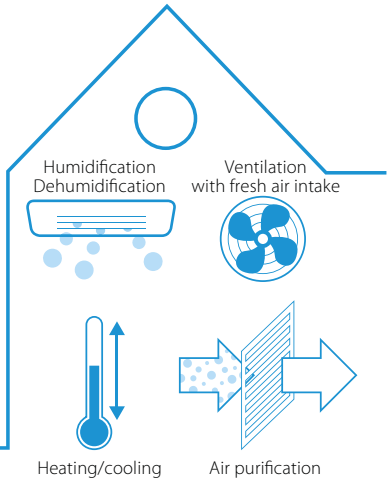
5 air treatment techniques

- Heating and cooling in one unit, for year-round comfort with the highest energy label available
- In winter, the Ururu function replenishes the moisture in the air to maintain a comfortable feel without unnecessary heating
- In summer, the Sarara function removes excess moisture while maintaining an even temperature thus eliminating the need for extra cooling
- Ventilation for fresh air even with closed windows
- Air purification and automatic filter cleaning to remove allergens, bacteria and viruses to supply clean air

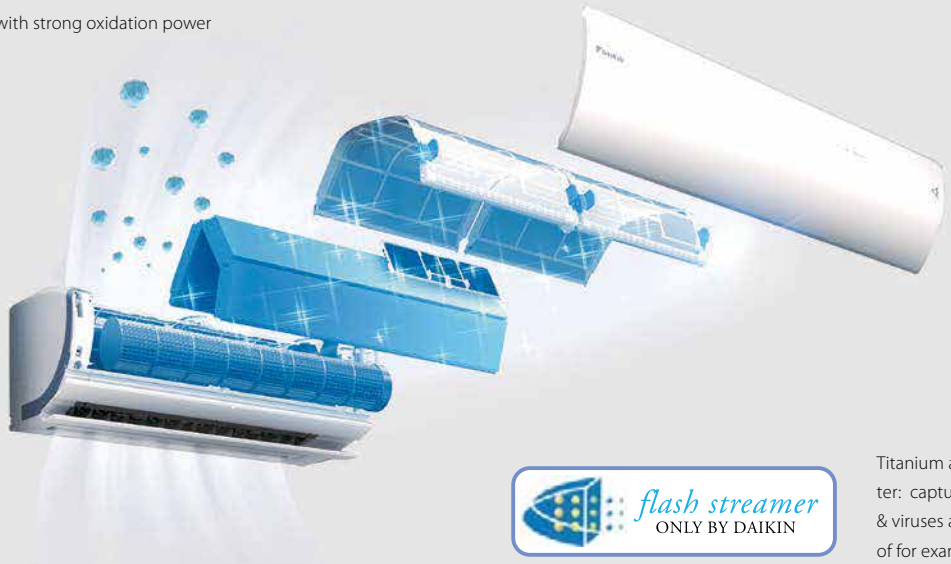
reddot design award
winner 2013

A+++

BLUEVOLUTION



Flash Streamer: releases streams of high-speed electrons with strong oxidation power
Pre-filter: catches dust



flash streamer
ONLY BY DAIKIN

Titanium apatite deodorising filter: captures allergens, bacteria & viruses and deodorizes smells of for example tobacco and pets

Wall mounted unit

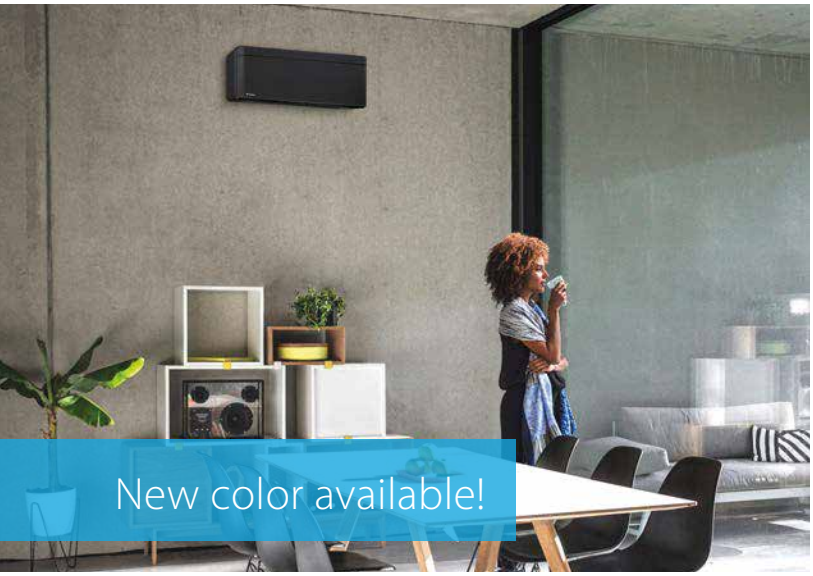
Complete climate control with (de) humidification, air purification & ventilation with top efficiencies in heating & cooling

- Unique combination of humidification, dehumidification, ventilation, air purification and heating & cooling in 1 system
- 3 area motion detection sensor: air flow is sent to a zone other than where the person is located at that moment. Detection is done in 3 directions: left, front and right. If no people are detected, the unit will automatically switch over to the energy-efficient
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- No need to clean filters, thanks to the self cleaning filter
- Seasonal efficiency values: full range A+++ in cooling and heating
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- 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
- Reddot design award winner 2013

Efficiency data				FTXZ + RXZ	25N + 25N	35N + 35N	50N + 50N
Cooling capacity	Min./Nom./Max.			kW	0.6/2.5/3.9	0.6/3.5/5.3	0.6/5.0/5.8
Heating capacity	Min./Nom./Max.			kW	0.6/3.6/7.5	0.6/5.0/9.0	0.6/6.3/9.4
Power input	Cooling	Min./Nom./Max.		kW	0.11/0.41/0.88	0.11/0.66/1.33	0.11/1.10/1.60
	Heating	Min./Nom./Max.		kW	0.10/0.62/2.01	0.10/1.00/2.53	0.10/1.41/2.64
Space cooling	Energy efficiency class					A+++	
	Capacity	Pdesign		kW	2.50	3.50	5.00
	SEER				9.54	9.00	8.60
	Annual energy consumption			kWh/a	92	136	203
Space heating (Average climate)	Energy efficiency class					A+++	
	Capacity	Pdesign		kW	3.50	4.50	5.60
	SCOP/A				5.90	5.73	5.50
	Annual energy consumption			kWh/a	831	1,100	1,427
Nominal efficiency	EER				6.10	5.30	4.55
	COP				5.80	5.00	4.47
	Annual energy consumption			kWh	205	330	550
	Energy labeling Directive	Cooling/Heating				A/A	

Indoor unit				FTXZ	25N	35N	50N
Dimensions	Unit	HeightxWidthxDepth		mm		295x798x372	
Weight	Unit			kg		15	
Air filter	Type					Auto cleaning filter	
Fan	Air flow rate	Cooling	Silent operation/Low/High	m^3/min	4.0/5.3/10.7	4.0/5.6/12.1	4.6/6.6/15.0
		Heating	Silent operation/Low/High	m^3/min	4.8/6.7/11.7	4.8/6.9/13.3	5.9/7.7/14.4
Sound power level	Cooling			dBA	54	57	60
	Heating			dBA	56	57	59
Sound pressure level	Cooling	Silent operation/Low/Nom./High		dBA	19/26/33/38	19/27/35/42	23/30/38/47
	Heating	Silent operation/Low/Nom./High		dBA	19/28/35/39	19/29/36/42	24/31/38/44
Control systems	Infrared remote control					ARC477A1	
	Wired remote control					-	
Power supply	Phase/Frequency/Voltage			Hz/V		1~/50/220-240	

Outdoor unit				RXZ	25N	35N	50N
Dimensions	Unit	HeightxWidthxDepth		mm		693x795x300	
Weight	Unit			kg		50	
Sound power level	Cooling			dBA	59	61	63
	Heating			dBA	59	61	64
Sound pressure level	Cooling	High		dBA	46	48	49
	Heating	High		dBA	46	48	50
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~43	
	Heating	Ambient	Min.~Max.	°CWB		-20~18	
Refrigerant	Type					R-32	
	GWP					675	
	Charge			kg/TCO2Eq		1.34/0.9	
Piping connections	Liquid	OD		mm		6.35	
	Gas	OD		mm		9.5	
	Piping length	OU - IU	Max.	m		10	
	Level difference	IU - OU	Max.	m		8	
Power supply	Phase/Frequency/Voltage			Hz/V		1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A		16	



Stylish where innovation meets creativity

NEW COLOR - BLACK


White FTXA-AW


Silver FTXA-BS


Black FTXA-BB


Blackwood FTXA-BT

Available in 4 colours

› Users can choose from **four distinct colours** (white, silver, black and blackwood)
› **Curved corners** create an unobtrusive and space-saving design
› **Thin dimensions** make it the most compact design unit on the market
› Simple panel enables variation in texture and colour to easily blend into any room
› Award winning design: Stylish earned the Reddot award, the Good Design Award and iF award for its innovative look and functional capabilities

DESIGN AWARD 2018

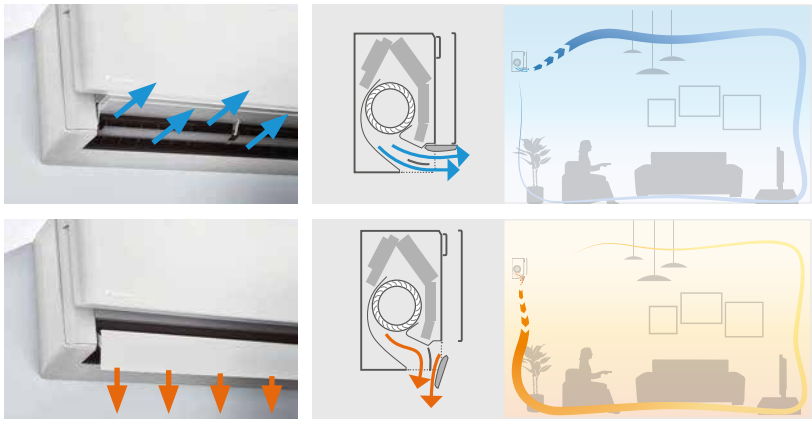
reddot award 2018 winner

GOOD DESIGN AWARD 2017

The Coanda effect

Already present in the Ururu Sarara, 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 Coanda effect creates two different airflow patterns depending on whether Stylish is in cooling or heating mode. On the top is the Coanda effect in cooling mode (ceiling airflow), while the bottom images demonstrate the Coanda effect in heating mode (vertical airflow).

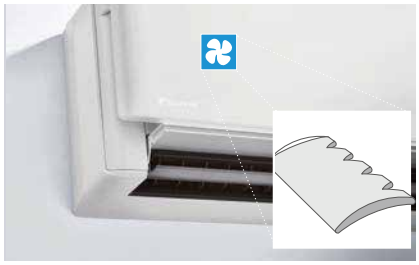


The intelligent thermal sensor measures the surface temperature of a room by dividing it into a grid with 64 different squares.

Intelligent thermal sensor

Stylish uses an **intelligent thermal sensor** to detect the surface temperature of a room to create a more comfortable climate.

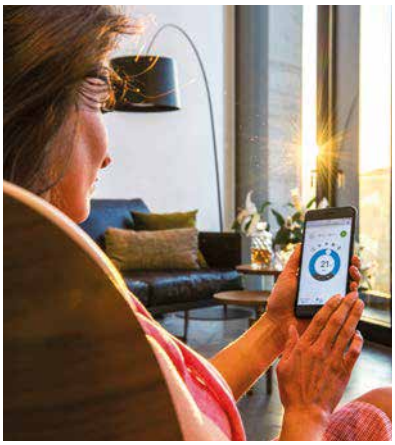
After determining the current room temperature, the grid eye sensor distributes air evenly throughout the room before switching to an airflow pattern that directs warm or cool air to areas that need it.



Sound dispersion and noise reduction are the results of a special fan design.

Quiet operation

Stylish uses a **specially designed fan** to optimise airflow for higher energy efficiency at low sound levels.
To achieve higher energy efficiency, Daikin designed a fan that runs efficiently within Stylish's compact dimensions. Together, the fan and heat exchanger attain top energy performance but operate at a sound level that is practically inaudible to occupants.



Daikin Online Controller

You can also manage Stylish using your smartphone. Simply connect to Wi-Fi and download the Daikin Online Controller app to begin creating your perfect climate.

Your benefits

› Access several features to control your climate
› Manage the temperature, operating mode, air purification and fans with interactive thermostat
› Create different schedules and operation modes
› Monitor energy consumption
› Compatible with the If This Then That (IFTTT) app

BLUEVOLUTION stylish

Wall mounted unit

Most compact design wall mounted unit

- A compact and functional design suitable for all interiors in a white, black, silver and blackwood coloured elegant finish
- 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
- STANDARD INCLUDED Online controller: control your indoor from any location with an app, via your local network or internet
- Powerful air purification increases indoor air quality with Daikin Flash Streamer technology
- Practically inaudible: the unit runs so quietly, you will almost forget it is there.
- 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
- Seasonal efficiency values up to A+++ in cooling and heating

GOOD DESIGN

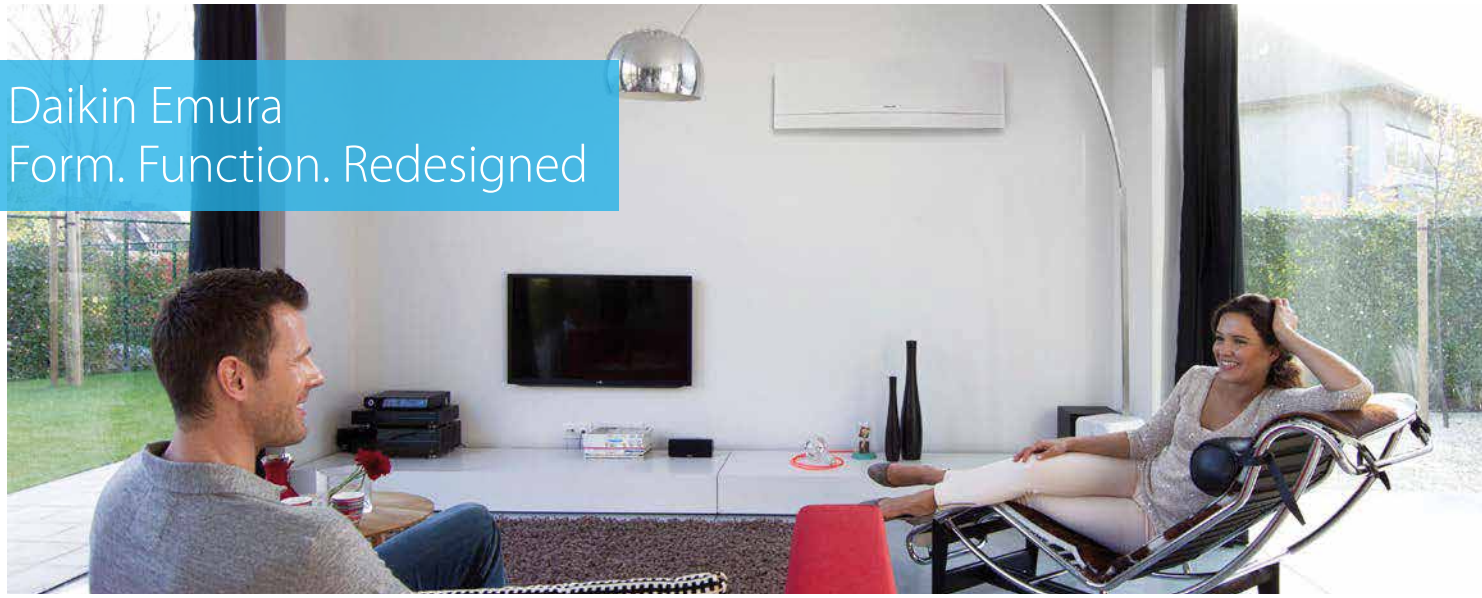
DESIGN AWARD 2018

reddot award 2018 winner

Efficiency data				FTXA + RXA	CTXA15 AW/BS/BT/BB	20AW/BS/BT/BB + 20A	25AW/BS/BT/BB + 25A	35AW/BS/BT/BB + 35A	42AW/BS/BT/BB + 42B	50AW/BS/BT/BB + 50B
Cooling capacity	Min./Nom./Max.			kW	Connectable to multi outdoor units only	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		1.30/2.50/3.50	1.30/2.80/4.70	1.40/4.00/5.20	1.70/5.40/6.00	1.70/5.80/6.50
Power input	Cooling		Min./Nom./Max.	kW		0.27/0.43/0.63	0.27/0.56/0.78	0.31/0.78/1.04	-/1.05/-	-/1.36/-
	Heating		Min./Nom./Max.	kW		0.25/0.50/0.91	0.25/0.56/1.22	0.26/0.99/1.67	-/1.31/-	-/1.45/-
Space cooling	Energy efficiency class						A+++		A++	
	Capacity		Pdesign	kW		2.00	2.50	3.40	4.20	5.00
	SEER					8.75	8.74	8.73	7.50	7.33
	Annual energy consumption			kWh/a		80	101	137	196	239
Space heating (Average climate)	Energy efficiency class						A+++		A++	
	Capacity		Pdesign	kW		2.40	2.45	2.50	3.80	4.00
	SCOP/A						5.15		4.60	
	Annual energy consumption			kWh/a		653	666	680	1,150	1,217
Nominal efficiency	EER					4.70	4.46	4.37	3.99	3.68
	COP					5.00		4.04	4.12	4.00
	Energy labeling Directive			Cooling/Heating				A/A		

Indoor unit				FTXA	CTXA15 AW/BS/BT/BB	20AW/BS/BT/BB	25AW/BS/BT/BB	35AW/BS/BT/BB	42AW/BS/BT/BB	50AW/BS/BT/BB
Dimensions	Unit	HeightxWidthxDepth		mm	295x798x189					
Weight	Unit			kg	12					
Air filter	Type				Removable / washable					
Fan	Air flow rate	Cooling	Silent operation/ Low/Medium/High	m^3/min	4.6 / 6.1 / 8.2 / 11.0	4.6/6.1/8 /11.0	4.6/6.1/9 /11.5	4.6/6.1/9 /11.9	4.6/7.2/10 /13.1	5.2/7.6/10 /13.5
		Heating	Silent operation/ Low/Medium/High	m^3/min	4.5/6.4/8.7 /10.9		4.5/6.4/9.0 /11.1	4.5/6.4/9.0 /11.5	5.2/7.7/10.5 /14.6	5.7/8.2/11.1 /15.1
Sound power level	Cooling			dBA	57			60		
Sound pressure level	Cooling	Silent operation/Low/High		dBA	19/25/39		19/25/40	19/25/41	21/29/45	24/31/46
	Heating	Silent operation/Low/High		dBA	19/25/39		19/25/40	19/25/41	21/29/45	24/31/46 24/33/46
Control systems	Infrared remote control				ARC466A58					
	Wired remote control				BRC073					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240					

Outdoor unit				RXA		20A	25A	35A	42B	50B
Dimensions	Unit	HeightxWidthxDepth		mm	Connectable to multi outdoor units only	550x765x285			734x870x373	
Weight	Unit			kg		32			50	
Sound power level	Cooling			dBA		59		61	62.0	
	Heating			dBA		59		61	62.0	
Sound pressure level	Cooling	Nom.		dBA		46		49	48.0	
	Heating	Nom.		dBA		47		49	48.0	
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		0.76/0.52			1.10/0.75	
Piping connections	Liquid	OD		mm		6.35			6.4	
	Gas	OD		mm		9.50			12.7	
	Piping length	OU - IU	Max.	m		20			30	
	Additional refrigerant charge			kg/m		0.02 (for piping length exceeding 10m)				
	Level difference	IU - OU	Max.	m		15.0			20	
Power supply	Phase/Frequency/Voltage			Hz/V		1~/50/220-240				
Current - 50Hz	Maximum fuse amps (MFA)			A		10	13			



Daikin Emura
Form. Function. Redesigned

Why choose Daikin Emura?

- Unique **design**
  Designed in Europe for Europe.
- High seasonal **efficiency**, further improved by energy saving techniques like weekly timer and motion detection sensor
- Optimal **comfort** thanks to advanced technologies e.g. 2-area motion detection sensor, whisper quiet operation and online controller

Benefits

› A remarkable blend between iconic design and engineering excellence
› Stylish design in matt crystal white and silver
› Whisper quiet with sound levels down to 19 dBA
› Horizontal and vertical autoswing
› 2-area motion detection sensor saves energy by reducing the set point if nobody is present and directs airflow away from people, thus avoiding cold draught
› Weekly timer
› Connectable to pair, multi and (mini) VRV
› Online controller: Always in control no matter where you are

Unique design

Daikin is the only manufacturer offering a design model designed in Europe for the European market, using European technical and design standards to meet exactly with the customer's needs. Daikin Europe N.V. is also proud to announce that Daikin Emura has been awarded with several design awards.

Improved energy efficiency

Seasonal efficiency gives a more realistic indication on how efficient air conditioners 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 A+++
› SCOP up to A++

Lowest environmental impact

› Available in R-32
R-32

Comfort

› 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.
› Whisper quiet: Daikin Emura is whisper quiet with sound levels down to 19dBA.

GOOD DESIGN
German Design Award SPECIAL MENTION 2015
Focus Open 2014 Silver
reddot award 2014 winner
iF DESIGN AWARD 2015

Wall mounted unit

Design at its best, delivering superior efficiency and comfort

- Remarkable blend of iconic design and engineering excellence with an elegant finish in matt crystal white and silver
- Daikin Emura has been awarded many times, thanks to its excellent design
- Silver allergen removal and air purifying filter: captures allergens such as pollen and dust mites.

STANDARD INCLUDED

- Online controller: control your indoor from any location with an app, via your local network or internet
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- 2 area motion detection sensor: 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.
- 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
- Seasonal efficiency values up to A+++ in cooling and heating
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces

Efficiency data				FTXJ + RXJ	20MW + 20M	20MS + 20M	25MW + 25M	25MS + 25M	35MW + 35M	35MS + 35M	50MW + 50N	50MS + 50N
Cooling capacity	Min./Nom./Max.			kW	1.30/2.30/2.80		0.90/2.40/3.30		0.90/3.50/4.10		1.40/4.80/5.50	
Heating capacity	Min./Nom./Max.			kW	1.30/2.50/4.30		0.90/3.20/4.70		0.90/4.00/5.10		1.10/5.80/7.00	
Power input	Cooling	Nom.		kW	0.50		0.51		0.86		1.43	
	Heating	Nom.		kW	0.50		0.70		0.99		1.59	
Space cooling	Energy efficiency class					A+++				A++		
	Capacity	Pdesign		kW	2.30		2.40		3.50		4.80	
	SEER				8.73		8.64		7.19		7.02	
	Annual energy consumption			kWh/a	92		97		170		239	
Space heating (Average climate)	Energy efficiency class						A++				A+	
	Capacity	Pdesign		kW	2.10		2.70		3.00		4.60	
	SCOP/A						4.60				4.28	
	Annual energy consumption			kWh/a	639		821		913		1,505	
Nominal efficiency	EER				4.64		4.73		4.09		3.35	
	COP				5.00		4.57		4.04		3.65	
	Annual energy consumption			kWh	248		254		428		715	
	Energy labeling Directive	Cooling/Heating					A/A					

Indoor unit				FTXJ/FTXJ	20MW	20MS	25MW	25MS	35MW	35MS	50MW	50MS
Dimensions	Unit	HeightxWidthxDepth		mm	303x998x212							
Weight	Unit			kg	12							
Air filter	Type				Removable / washable							
Fan	Air flow rate	Cooling	Silent operation/ Low/Medium/High	m^3/min	2.6/4.4/6.6/8.9				2.9/4.8/7.8/10.9		3.6/6.8/8.9/10.9	
		Heating	Silent operation/ Low/Medium/High	m^3/min	3.8/6.3/8.4/10.2		3.8/6.3/8.6/11.0		4.1/6.9/9.6/12.4		5.0/8.1/10.5/12.6	
Sound power level	Cooling			dBA	54				59		60	
	Heating			dBA	56				59		60	
Sound pressure level	Cooling	Silent operation/Low/High		dBA	19/25/38				20/26/45		25/35/46	
	Heating	Silent operation/Low/High		dBA	19/28/40		19/28/41		20/29/45		25/35/47	
Control systems	Infrared remote control				ARC466A9							
	Wired remote control				-							

Outdoor unit				RXJ/RXJ	20M	20M	25M	25M	35M	35M	50N	50N
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285						734x870x373	
Weight	Unit			kg	32						50	
Sound power level	Cooling			dBA	59				61		63.0	
	Heating			dBA	59				61		63.0	
Sound pressure level	Cooling	Nom.		dBA	46				49		48.0	
	Heating	Nom.		dBA	47				49		48.0	
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	0.76/0.52						1.15/0.78	
Piping connections	Liquid	OD		mm	6.35						6.4	
	Gas	OD		mm	9.50						12.7	
	Piping length	OU - IU	Max.	m	20						30	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)							
	Level difference	IU - OU	Max.	m	15.0						20	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240							
Current - 50Hz	Maximum fuse amps (MFA)			A	10						13	

Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load | 240V | 230V | 220V | See separate drawing for electrical data | See separate drawing for operation range | Contains fluorinated greenhouse gases | Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m.

Wall mounted unit

Attractive, wall mounted design with perfect indoor air quality

- Seasonal efficiency values up to A+++ in cooling and heating
- Practically inaudible: the unit runs so quietly, you will almost forget it is there.
- Cleaner air thanks to Daikin's Flash Streamer technology: you can breathe deep with no worries about impure air
- 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.

STANDARD INCLUDED

- Online controller: control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Sleek, unobtrusive air conditioning unit that matches European sensibilities regarding interior design
- 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

- 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

Efficiency data				FTXM + RXM	20N + 20N9	25N + 25N9	35N + 35N9	42N + 42N9	50N + 50N9	60N + 60N9	71N + 71N
Cooling capacity	Min./Nom./Max.			kW	1.30/2.00/2.60	1.30/2.50/3.20	1.40/3.40/4.00	1.70/4.20/5.00	1.70/5.00/6.00	1.70/6.00/7.00	2.30/7.10/8.50
Heating capacity	Min./Nom./Max.			kW	1.30/2.50/3.50	1.30/2.80/4.70	1.40/4.00/5.20	1.70/5.40/6.00	1.70/5.80/7.70	1.70/7.00/8.00	2.30/8.20/10.20
Power input	Cooling		Nom.	kW	0.44	0.56	0.80	0.97	1.36	1.77	2.34
	Heating		Nom.	kW	0.50	0.56	0.99	1.31	1.45	1.94	2.57
Space cooling	Energy efficiency class					A+++				A++	
	Capacity		Pdesign	kW	2.00	2.50	3.40	4.20	5.00	6.00	7.10
	SEER					8.65		7.85	7.41	6.90	6.20
	Annual energy consumption			kWh/a	81	101	138	187	236	304	401
Space heating (Average climate)	Energy efficiency class					A+++			A++		A+
	Capacity		Pdesign	kW	2.30	2.40	2.50	4.00	4.60	4.80	6.20
	SCOP/A					5.10			4.71	4.30	4.10
	Annual energy consumption			kWh/a	632	659	687	1,189	1,369	1,562	2,115
Nominal efficiency	EER				4.57	4.50	4.23	4.33	3.68	3.39	3.03
	COP				5.00		4.04	4.12	4.00	3.61	3.19
	Annual energy consumption			kWh	219	278	402	485	679	885	1,172
	Energy labeling Directive		Cooling/Heating				A/A				B/D

Indoor unit				FTXM	20N	25N	35N	42N	50N	60N	71N
Dimensions	Unit	HeightxWidthxDepth		mm	294x811x272					300x1,040x295	
Weight	Unit			kg	10.0					14.5	
Air filter	Type				Removable / washable						
Fan	Air flow rate	Cooling	Silent operation/ Low/Medium/High	m^3/min	4.4/6.0/7.9/11.1	4.4/6.2/8.1/11.1	4.6/6.4/8.3/12.3	4.6/7.1/9.5/12.6	8.1/11.6/14.2/16.1	9.1/12.0/14.6/17.1	10.1/12.5/15.0/17.6
		Heating	Silent operation/ Low/Medium/High	m^3/min	5.3/6.5/8.7/10.8	5.3/6.8/8.7/10.8	5.3/7.1/9.0/10.8	5.3/7.1/10.4/13.0	10.7/12.2/14.6/17.1	11.2/12.6/15.6/17.7	11.9/13.0/16.2/18.4
Sound power level	Cooling			dBA	57		58	60	58	60	
	Heating			dBA	54			60	58	59	61
Sound pressure level	Cooling	Silent operation/Low/High		dBA	19/25/41		19/29/45	21/30/45	27/36/44	30/37/46	32/38/47
	Heating	Silent operation/Low/High		dBA	20/26/39	20/27/39	20/28/39	21/29/45	31/34/43	33/36/45	34/37/46
Control systems	Infrared remote control				ARC466A33						
	Wired remote control				BRC073A1						

Outdoor unit				RXM/RXM	20N9	25N9	35N9	42N9	50N9	60N9	71N
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285			734x870x373			734x870x320
Weight	Unit			kg	32			50			56
Sound power level	Cooling			dBA	59	58	61	62		63	66
	Heating			dBA	59		61	62		63	67
Sound pressure level	Cooling	Nom.		dBA	46		49	48			47
	Heating	Nom.		dBA	47		49	48	49		48
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~50						-10~46
	Heating	Ambient	Min.~Max.	°CWB	-20~24						-15~18
Refrigerant	Type				R-32						
	GWP				675						
	Charge			kg/TCO2Eq	0.76/0.52			1.10/0.75	1.15/0.78		
Piping connections	Liquid	OD		mm	6.35			6.4			
	Gas	OD		mm	9.50			12.7			15.90
	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			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240						
Current - 50Hz	Maximum fuse amps (MFA)			A	10	13					20

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | See separate drawing for electrical data | See separate drawing for operation range | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m | Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m | Only possible in combination with CTXM*M2V1B, ATXM*M2V1B, FTXM*M2V1B, FVXM*FV1B, FCAG*AVEB, FFA*A2VEB9, FBA*A2VEB9, FHA*AVEB9, FDXM*F3V1B9, FNA*A2VEB9 | Only possible in combination with CTXM*N2V1B, ATXM*N2V1B, FTXM*N2V1B | Contains fluorinated greenhouse gases | Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m

Wall mounted unit

Wall mounted unit for low energy consumption and pleasant comfort

- Seasonal efficiency values up to A++ in cooling
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- 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

FTXF-B/A

RXF20-35B/A

BRC52A

BRP069B45

Efficiency data				FTXF + RXF	20B + 20B	25B + 25B	35A + 35A	50A + 50B	60A + 60B	71A + 71A
Cooling capacity	Min./Nom./Max.			kW	1.3/2.00/2.6	1.3/2.50/3.0	1.3/3.30/3.8	1.7/5.0/6.0	1.7/6.0/7.0	2.3/7.1/7.3
Heating capacity	Min./Nom./Max.			kW	1.30/2.50/3.50	1.30/2.80/4.00	1.30/3.50/4.80	1.7/6.0/7.70	1.7/6.4/8.00	2.3/8.2/9.00
Power input	Cooling		Min./Nom./Max.	kW	0.31/0.51/0.72	0.31/0.76/1.05	0.29/1.00/1.30	0.320/1.502/1.826	0.332/1.846/2.980	0.449/2.773/3.274
	Heating		Min./Nom./Max.	kW	0.25/0.60/0.95	0.25/0.70/1.11	0.29/0.94/1.29	0.440/1.617/2.356	0.456/1.628/2.787	0.617/2.603/3.306
Space cooling	Energy efficiency class						A++			A
	Capacity		Pdesign	kW	2.00	2.50	3.50	5.00	6.00	7.10
	SEER				6.15	6.22	6.21		6.15	5.15
	Annual energy consumption			kWh/a	114	141	197	282	342	483
Space heating (Average climate)	Energy efficiency class						A+			A
	Capacity		Pdesign	kW	2.20	2.40	2.80	4.60	4.80	6.20
	SCOP/A				4.10	4.06				3.81
	Annual energy consumption			kWh/a	751	827	965	1,585	1,653	2,278
Nominal efficiency	EER				3.94	3.30		3.33	3.25	2.56
	COP				4.19	4.01	3.71		3.93	3.15
	Annual energy consumption			kWh	255	380	500	751	923	1,387
	Energy labeling Directive		Cooling/Heating		A/A				-/-	

Indoor unit				FTXF	20B	25B	35A	50A	60A	71A
Dimensions	Unit	HeightxWidthxDepth		mm	286x770x225			295x990x263		
Weight	Unit			kg	8.5		9.0		13.5	
Air filter	Type				Removable / washable					
Fan	Air flow rate	Cooling	Silent operation/ Low/Medium/High	m^3/min	4.4/5.9/7.9 /9.8	4.4/6.1/8.1 /10.1	4.5/6.3/8.3 /11.5	10.5/11.9/14.4 /16.8	10.7/12.2/14.8 /17.3	
		Heating	Silent operation/ Low/Medium/High	m^3/min	5.3/6.5/8.4 /10.3	5.3/6.7/8.6 /10.3	5.3/7.0/9.0 /11.5	10.7/12.2/14.8 /17.3	11.3/12.8/15.8 /17.9	
Sound power level	Cooling			dBA	55		58	59	60	62
	Heating			dBA	55		58	61	62	
Sound pressure level	Cooling	Silent operation/Low/High		dBA	20/25/39	20/26/40	20/27/43	31/34/43	33/36/45	34/37/46
	Heating	Silent operation/Low/High		dBA	21/28/39	21/28/40	21/29/40	30/33/42	32/35/44	33/36/45
Control systems	Infrared remote control				ARC470A1					
	Wired remote control				BRC944B2 / BRC073A1			BRC073A1		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240					

Outdoor unit				RXF	20B	25B	35A	50B	60B	71A
Dimensions	Unit	HeightxWidthxDepth		mm	550x658x275			734x870x373		
Weight	Unit			kg	26		28	46.0	50.0	
Sound power level	Cooling			dBA	60		62	61	63	66
	Heating			dBA	61		62	61	63	65
Sound pressure level	Cooling	Nom./High		dBA	-/46		-/48	47/-	49/-	52/-
	Heating	Nom./High		dBA	-/47		-/48	49/-		52/-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46					
	Heating	Ambient	Min.~Max.	°CWB	-15~25					
Refrigerant	Type				R-32					
	GWP				675.0					
	Charge			kg/TCO2Eq	0.65/0.44		0.70/0.48	0.90/0.61	1.15/0.78	
Piping connections	Liquid	OD		mm	6.35			6.4		
	Gas	OD		mm	9.5			12.7		
	Piping length	OU - IU	Max.	m	15			30		
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)					
	Level difference	IU - OU	Max.	m	12			20		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240					
Current - 50Hz	Maximum fuse amps (MFA)			A	16					

GTHT-TV + RHTG-TV

New R-32 heat pump unit with exclusive Daikin inverter swing compressor

- Uses next-generation R-32 refrigerant
- System has been designed for optimum nominal efficiency, with EER reaching up to 3.15 W/W, and seasonal energy efficiency, in line with real life operating conditions in Africa and the Near East
- Unique Daikin swing compressor ensures less noise, less wear and tear and above all, high energy efficiency
- Equipped with a built-in stabilizer operating within 160265-V
- Design of the unit and packing have been reinforced to withstand the severe road, storage and handling conditions of Africa and Near East

GTHT-TV1

RHTG-TV1

Efficiency data				**GTHT + RHTG**	**35TV135+TV1**	**50TV1 + 50TV1**	**60TV1 + 60TV1**
Cooling capacity	Nom.			Btu/h / kW	11,900 / 3.5	17,100 / 5.0	20,500 / 5.5
Heating capacity	Nom.			Btu/h / kW	11,900 /3.5	17,100 / 5.0	18,500 / 5.5
Power input	Cooling			kW	1.110	1.850	1.970
	Heating			kW	1.110	1.850	1.700
Nominal efficiency	EER			W/W	3.15	2.70	3.05
	COP			W/W	3.15	2.70	3.24

Indoor unit				**GTHT**	**35TV1**	**50TV1**	**60TV1**
Dimensions	Unit	HeightxWidthxDepth		mm	283x800x198	298x885x229	298x600x229
Weight	Unit			kg	8	11	11
Fan	Air flow rate	Cooling		cfm	339	572	576
		Heating		cfm	339	572	576
Sound pressure level	Cooling	H/M/L/SL		dBA	40/36/32/29/26	45/42/40/38/35	47/45/43/40/38
Voltage range				v	160-265		
Power supply	Phase/Frequency/Voltage			V/ph/Hz	220-240V/1ph/50Hz		

Outdoor unit				**RHTG**	**35TV1**	**50TV1**	**60TV1**
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	595x845x300	595x845x300
Weight	Unit			kg	27	35	36
Sound pressure level	H			dBA	51	54	56
Operation range	Cooling	Ambient	Min.~Max.	°CDB	19.4 ~50		
	Heating	Ambient	Min.~Max.	°CWB	4~24		
Refrigerant	Type				R-32		
Piping connections	Liquid	OD		mm	9.4	12.7	12.7
	Gas	OD		mm	6.4	6.4	6.4
	Piping length	Total		m	20	30	30
		Elevation		m	15	20	20
		Chargeless		m	10	10	10
Power supply	Phase/Frequency/Voltage			V/ph/Hz	220-240V/1ph/50Hz		
Voltage range				v	160-265		
Power supply source					Outdoor		

Temperature conditions:

(1) Indoor: 27CDB/19CWB
(2) Outdoor: 35CDB/24CWB

FTXN-JXV1 + RXN-CXV1

Inverter Wall Mounted Series

- Uniform air distribution
- Quiet operation
- Easy maintenance
- Stylish flat-panel
- Turbo mode

- Lower sound level
- With Titanium Apatite Photocatalytic Air-Purifying filter
- Wireless handset BRC52A61 (H/P) or BRC52A62 (C/O) is supplied as standard

FTXN25/35/50/60JXV1

RXN50/60CXV1

RXN25/35FXV1

Specification for Wall Mounted - Cooling and Heating

Efficiency Data			**FTXN25 + RXN25**	**FTXN35 + RXN35**	**FTXN50 + RXN50**	**FTXN60 + RXN60**
Nominal Cooling Capacity (min-max)	Btu/hr		8700 (4400-10200)	11600 (4400-13000)	19100 (5560-21150)	21500 (5970-22180)
	w		2560 (1300-3000)	3410 (1300-3800)	5600 (1630-6200)	6300 (1750-6500)
Nominal Heating Capacity (min-max)	Btu/hr		9700 (4400-13600)	12200 (4400-16200)	19200 (3990-22520)	21800 (4100-27300)
	w		2840 (1300-4000)	3580 (1300-4750)	5620 (1170-6600)	6400 (1200-8000)
Nominal EER	W/W		3.69	3.22	3.39	3.35
Nominal COP	W/W		4.06	3.77	3.63	3.81
Indoor Unit		**FTXN**	**25JXV1**	**35JXV1**	**50JXV1**	**60JXV1**
Power Supply	V/0/Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Air Flow	CFM		378/345/272/215/165	392/358/282/232/165	578/529/471/418/374	703/654/585/507/437
Sound Pressure Level	dBA		41/40/34/29/21	42/41/34/30/22	44/40/38/35/32	46/43/41/37/33
Dimension (HxWxD)	mm		288x800x212	288x800x212	310x1065x228	310x1065x228
Net Weight	kg		9	9	14	14
Outdoor Unit		**RXN**	**25FXV1**	**35FXV1**	**50CXV1**	**60CXV1**
Power Supply	V/0/Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Sound Pressure Level	dBA		45	46	51	51
Dimension (HxWxD)	mm		550x658x289	550x658x289	651x855x328	753x855x328
Net Weight	kg		24	26	37	44
Pipe Connection - Liquid	mm		6.35	6.35	6.35	6.35
Pipe Connection - Gas	mm		9.52	9.52	12.70	15.88
Max. Piping Length	m		20	20	30	30
Max. Elevation	m		10	10	10	10

FTYN-PXV1 + RYN-CJXV1

Wall Mounted P and A Series

- Uniform air distribution
- Quiet operation
- Easy maintenance
- Stylish flat-panel
- Turbo mode
- Lower sound level
- Gold fin outdoor for RYN20CGXV1, RYN25/35FXV1, RYN35CJHXV1, R(Y)N50/60CJXV1
- Wireless handset BRC52A61 (H/P) or BRC52A62 (C/O) is supplied as standard

FTYN20PXV1
FTYN 25/35/50/60PXV1

FTYN80AXV1

RN25/35FXV1

RYN20CGXV1
RYN25/35CJXV1
RYN35CJHXV1

RYN50/60CJXV1
RR71CXV1
RR71CXY1
RQ71CXV1
RQ71CXY1

Efficiency Data		**FTYN20+RYN20**	**FTYN25+RYN25**	**FTYN35+RYN35**	**FTYN35+RYN35**	**FTYN50+RYN50**	**FTYN60+RYN60**	**FTYN80+RQ71**	**FTYN80+RQ71**
Nominal Cooling Capacity	Btu/h	7300	9040	10750	12000	17900	20500	26000	26000
	w	2140	2650	3150	3520	5250	6010	7620	7620
Nominal Heating Capacity	Btu/h	7000	9550	11530	11850	18000	21000	26000	26000
	w	2060	2800	3380	3470	5280	6150	7620	7620
Nominal EER	W/W	3.04	3.21	2.88	3.23	3.21	3. 21	2.98	2.90
Nominal COP	W/W	3.68	3.61	3.42	3.62	3.54	3.42	3.12	3.32
Indoor unit		**FTYN20PXV1**	**FTYN25PXV1**	**FTYN35PXV1**	**FTYN35PXV1**	**FTYN50PXV1**	**FTYN60PXV1**	**FTYN80AXV1**	**FTYN80AXV1**
Power Supply	V/Ph/Hz	220 -240/1/50	220-240/1/50	220-240/1/50	220 -240/1/50	220-240/1/50	220 -240/1/50	220-240/1/50	220-240/ 1/50
Air Flow	CFM	275/262/227/195/182	358/342/282/225/209	372/355/298/242/225	372/355/298/242/225	594/531/474/422/381	641/614/537/474/418	670/630/500	670/630/500
Sound Pressure Level	dBA	37 /36/31/25/24	39/37/33/27/25	40/39/35/29/28	40/39/35/29/28	44/42/39/36/35	48/46/43/39/37	49/47/45	49/47/45
Height	mm	288	288	288	288	310	310	360	360
Width	mm	800	800	800	800	1065	1065	1200	1200
Depth	mm	206	206	206	206	224	224	200	200
Net Weight	kg	9			9	14	14	17	17
Outdoor unit		**RYN20CGXV1**	**RYN25CJXV1**	**RYN35CJXV1**	**RYN35CJHXV1**	**RYN50CJXV1**	**RYN60CJXV1**	**RQ71CXV1**	**RQ71CXY1**
Power Supply	V/Ph/Hz	220 -240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220 -240/1/50	220-240/1/50	380-415/3/50
Sound Pressure Level	dBA	44	46	49	49	52	52	58	58
Height	mm	494	540	540	540	651	753	753	753
Width	mm	600	700	700	700	855	855	855	855
Depth	mm	245	250	250	250	328	328	328	328
Net Weight	kg	24	29	31	31	47	50	57	57
Pipe connection - Liquid	mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52	9.52
Pipe connection - Gas	mm	9.52	9.52	12.70	12.70	12.70	15.88	15.88	15.88
Max. Piping Length	m	12	20	20	20	20	20	15	15
Max. Elevation	m	5	10	10	10	15	15	8	8

BLUEVOLUTION

Multi model application

- Seasonal efficiency values up to A+++ in cooling and A++ in 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

2MXM-M(9)

3/4/5MXM-N

CONNECTABLE INDOOR UNITS	Wall mounted																						Concealed ceiling				Floor standing			Round flow			Fully flat				Ceiling suspended			Concealed floor standing			
	CTXA-AW/BS/BT/BB	FTXA-AW/BS/BT/BB						CTXM-N	FTXM-N							FTXJ-M				FTXP-M9			FDXM-F9				FBA-A9			FVXM-F			FCAG-B			FFA-A9				FHA-A9			FNA-A9			
	15	20	25	35	42	50	15	20	25	35	42	50	60	71	20	25	35	50	20	25	35	25	35	50	60	35	50	60	25	35	50	35	50	60	25	35	50	60	35	50	60	25	35	50	60
2MXM40M	●	●	●	●			●	●	●	●					●	●	●		●	●	●	●	●							●	●															
2MXM50M9	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●						●	●	●				●	●	●								
3MXM40N	●	●	●	●			●	●	●	●					●	●	●					●	●			●			●	●	●		●		●	●			●			●	●		
3MXM52N	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●			●	●		●	●	●	●	●		●	●	●		●	●		●	●	●	
3MXM68N	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	●		●	●	●		●	●		●	●	●	
4MXM68N	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●				●	●	●		●	●		●	●	●	●	●		●	●	●		●	●		●	●	●	
4MXM80N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●		●	●		●	●	●	●	●		●	●	●		●	●		●	●	●	
5MXM90N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●		●	●		●	●	●	●	●		●	●	●		●	●		●	●	●	

Outdoor unit					2MXM40M	2MXM50M9	3MXM40N	3MXM52N	3MXM68N	4MXM68N	4MXM80N	5MXM90N
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		734x958x340					
Weight	Unit			kg	36	41	57		62	63	67	68
Sound power level	Cooling			dBA	60		59		61			64
	Heating			dBA	62		59		61			64
Sound pressure level	Cooling	Nom./High		dBA	46/-	48/-	46/-		48/-		49/-	52/-
	Heating	Nom./High		dBA	48/-	50/-	47/-		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							
	Charge			kg/TCO2Eq	0.88/0.60	1.15/0.78	1.80/1.2		2.00/1.4		2.40/1.6	
Piping connections	Liquid	OD		mm	6.4		6.35					
	Gas	OD		mm	9.5							
	Piping length	OU - IU	Max.	m	20		25					
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 20m)		0.02 (for piping length exceeding 30m)					
	Level difference	IU - OU	Max.	m	15.0							
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-230-240		1~/50/220-240					
Current - 50Hz	Maximum fuse amps (MFA)			A	20		25					

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

DAIKIN

Low height.
High value.

More flexibility for your business with single fan casings in the whole Sky Air range

Unique to the market: We proudly present our new low-height single fan outdoor units across all Sky Air ranges – from 3.5 to 25 kW.

- More flexibility in positioning, easier transport and installation
- Market-leading serviceability and handling – with easy access to all components and 7-segment display
- Reliable cooling thanks to refrigerant cooled PCB
- Full portfolio of connectable R-32 indoor units

Sky Air Alpha-series Sky Air Advance-series BLUEVOLUTION

Sky Air, the solution for the light commercial sector.

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

More details on page 320

Sky Air A-series BLUEVOLUTION

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
› 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 Service 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

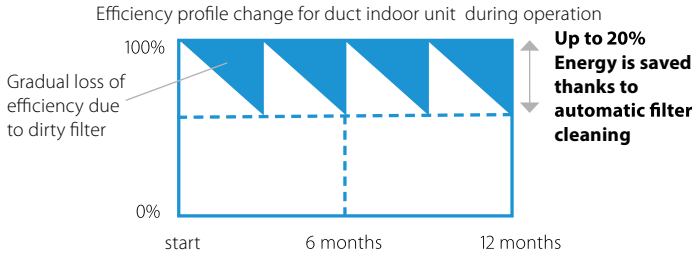
Fully flat cassette design unit that integrates fully flat into the ceiling
Auto cleaning units ensure dirt-free ceilings with high efficiency filters for regular and dust prone areas
NEW › Widest ever range cassette panels
› Available in **white and black**
Sleek **designer panel** range

7 Unique installation benefits

4-way blow ceiling suspended cassette (FUA) for rooms without false ceiling.
NEW › Plug & play Daikin air handling unit with ERQ condensing units
› Total solution for cooling, heating, air curtains and ventilation
› Dedicated assymetric combinations for infrastructure cooling
› Reliably replace Daikin and non-Daikin systems without the need for pipe cleaning thanks to the new hepta filtration
› Use up to 4 indoor units linked to one outdoor unit for long or irregularly shaped rooms

Unique
auto cleaning technology

Reduce running costs
› Automatic filter cleaning ensures high efficiencies and low maintenance costs because the filter is always clean

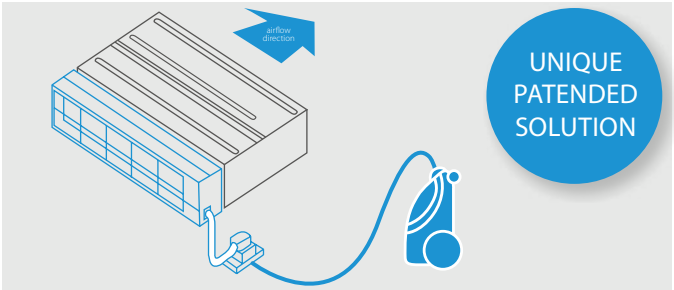


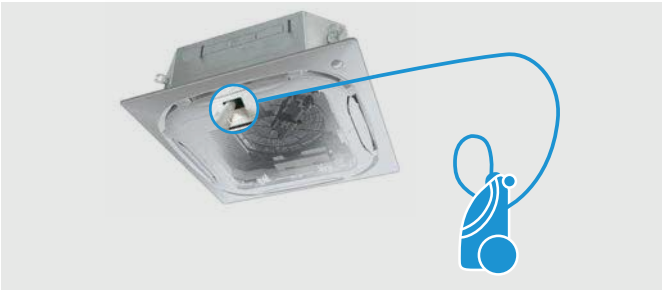
Minimal time required for filter cleaning
› The dust box can be emptied with a vacuum cleaner for fast and easy cleaning
› No more dirty ceilings

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

Improved indoor air quality
› Optimum airflow eliminates draft and insulates sound

How does it work?
❶ Scheduled automatic filter cleaning
❷ Dust collects in a dust box that's integrated into the unit
❸ The dust can easily be removed with a vacuum cleaner





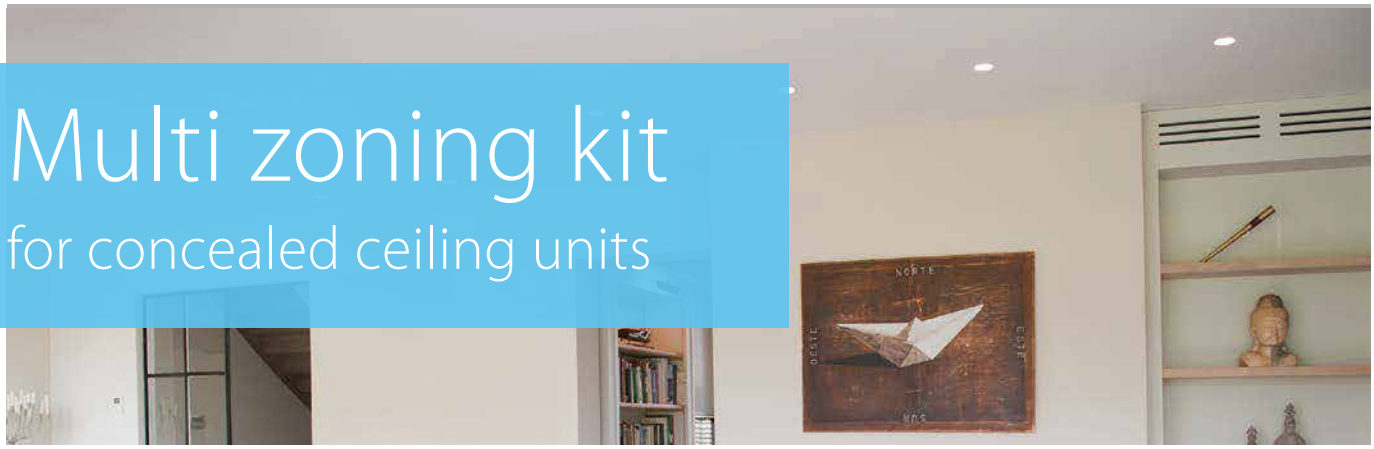
Concealed ceiling units
› Ideal for hotels and residential applications
› Cleaning team /owner can clean the filter

Round flow cassette
› Ideal for retail
› Staff/owner can clean the filter
› No need to use a ladder to reach the unit
› Available in standard white and black

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			●	●							●

		Sky Air		VRV
		FCAG-B	FCAHG-H	FXFA-A/ FXFQ-B
BYCQ140EGF	□	●	●	●
BYCQ140EGFB	■	●	●	●



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.

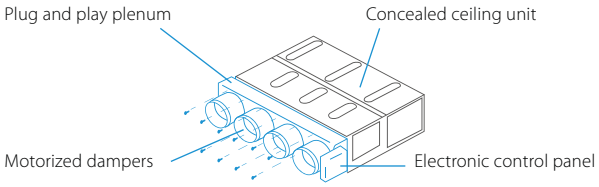
Benefits

Increased comfort

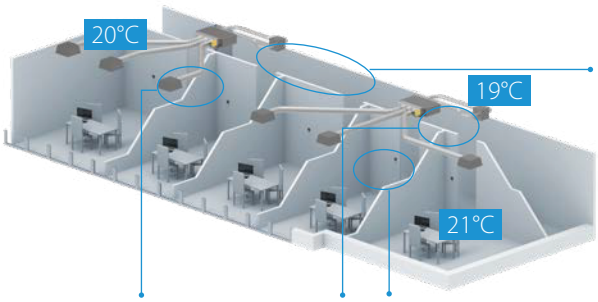
› Increases comfort levels by allowing more individual zone control
  - Up to 8 individual zones can be served thanks to separate modulating dampers
  - Individual thermostat for room-by-room or zone-by-zone control

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



How does it work?



Individual zone thermostats

Zoning box: fully pre-assembled plenum with dampers

Blueface - Airzone Main Thermostat
› Color graphic interface for controlling zones

AZCE6BLUEFACECB (Wired)

Airzone Zone Thermostat
› Graphic interface with low-energy e-ink screen for controlling zones

AZCE6THINKCB (Wired)
AZCE6THINKRB (Wireless) NEW

Airzone Zone Thermostat
› Thermostat with buttons for controlling the temperature

AZCE6LITECB (Wired)
AZCE6LITERB (Wireless) NEW

Compatibility

Number of motorised dampers		Reference	Dimensions H x W x D (mm)	SkyAir FDXM-F9 25	35	50	60	SkyAir FBA-A(9) 35	50	60	71	100	125	140	SkyAir ADEA-A 71	100	125	VRV FXDA-A/FXDQ-A3 15	20	25	32	40	50	63	VRV FXSA-A/FXSQ-A 15	20	25	32	40	50	63	71	80	100	125	140
Standard Ceiling Void	2	AZEZ6DAIST07XS2	300 x 930 x 454																																
		AZEZ6DAIST07S2						•	•																											
	3	AZEZ6DAIST07XS3	300 x 930 x 454																																
		AZEZ6DAIST07S3						•	•																											
	4	AZEZ6DAIST07S4	300 x 930 x 454					•	•																											
		AZEZ6DAIST07M4	300 x 1,140 x 454							•	•				•																	•		•		
	5	AZEZ6DAIST07M5	300 x 1,425 x 454							•	•				•																	•		•		
		AZEZ6DAIST07L5									•	•	•			•	•																	•	•	
	6	AZEZ6DAIST07M6	300 x 1,638 x 454							•	•				•																	•		•		
		AZEZ6DAIST07L6									•	•	•			•	•																	•	•	
	7	AZEZ6DAIST07L7	515 x 1,425 x 454								•	•	•			•	•																	•	•	
		AZEZ6DAIST07XL7																																		•
	8	AZEZ6DAIST07L8	515 x 1,425 x 454								•	•	•			•	•																	•	•	
		AZEZ6DAIST07XL8																																		•
Compact Ceiling Void	2	AZEZ6DAISL01S2	210 x 720 x 444	•	•													•	•	•	•															
	3	AZEZ6DAISL01S3	210 x 720 x 444	•	•													•	•	•	•															
	4	AZEZ6DAISL01M4	210 x 930 x 444																			•	•													
	5	AZEZ6DAISL01L5	210 x 1,140 x 444			•	•																	•												

Slim concealed ceiling unit

Compact concealed ceiling unit, with a height of only 200mm

- Combination with split outdoor units is ideal for small retail, offices and residential applications
- Invisible unit as the unit is concealed in the ceiling: only the suction and discharge grilles are visible
- Compact dimensions, can easily be mounted in a ceiling void of only 240mm
- Medium external static pressure up to 40Pa facilitates unit use with flexible ducts of varying lengths
- Auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter cleaning
- Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption

with auto cleaning and multi zoning option

Efficiency data				**FDXM + RXM**	**25F9 + 25N9**	**35F9 + 35N9**	**50F9 + 50N9**	**60F9 + 60N9**
Cooling capacity	Min./Nom./Max.			kW	1.30/2.40/3.00	1.40/3.40/3.80	1.70/5.00/5.30	1.70/6.00/6.50
Heating capacity	Min./Nom./Max.			kW	1.30/3.20/4.50	1.40/4.00/5.00	1.70/5.80/6.00	1.70/7.00/7.10
Space cooling	Energy efficiency class				A+	A	A+	A
	Capacity		Pdesign	kW	2.40	3.40	5.00	6.00
	SEER				5.68	5.26	5.77	5.56
	ηs,c			%	-			
	Annual energy consumption			kWh/a	148	226	303	378
Space heating (Average climate)	Energy efficiency class				A+	A		
	Capacity		Pdesign	kW	2.60	2.90	4.00	4.60
	SCOP/A				4.24	3.88	3.93	3.80
	ηs,h			%	-			
	Annual energy consumption			kWh/a	858	1,046	1,424	1,693

Indoor unit				**FDXM**	**25F9**	**35F9**	**50F9**	**60F9**
Dimensions	Unit	HeightxWidthxDepth		mm	200x750x620		200x1,150x620	
Weight	Unit			kg	21		28	
Air filter	Type				Removable / washable			
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/min	7.3/8.0/8.7		13.3/14.6/15.8	13.5/14.8/16.0
		Heating	Low/Medium/High	m^3/min	7.3/8.0/8.7		13.3/14.6/15.8	13.5/14.8/16.0
	External static pressure	Nom.		Pa	30		40	
Sound power level	Cooling			dBA	53.0		55.0	56.0
	Heating			dBA	53.0		55.0	56.0
Sound pressure level	Cooling	Low/High		dBA	27.0/35.0		30.0/38.0	
	Heating	Low/High		dBA	27.0/35.0		30.0/38.0	
Control systems	Infrared remote control				BRC4C65			
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52			

Outdoor unit				**RXM**	**25N9**	**35N9**	**50N9**	**60N9**
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		734x870x373	
Weight	Unit			kg	32		50	
Sound power level	Cooling			dBA	58	61	62	63
	Heating			dBA	59	61	62	63
Sound pressure level	Cooling	Nom.		dBA	46	49	48	
	Heating	Nom.		dBA	47	49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~50			
	Heating	Ambient	Min.~Max.	°CWB	-20~24			
Refrigerant	Type				R-32			
	GWP				675			
	Charge			kg/TCO2Eq	0.76/0.52		1.15/0.78	
Piping connections	Liquid	OD		mm	635		64	
	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)			
	Level difference	IU - OU	Max.	m	15		20	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

Slim concealed ceiling unit

Compact concealed ceiling unit, with a height of only 200mm

- Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- Invisible unit as the unit is concealed in the ceiling: only the suction and discharge grilles are visible
- Compact dimensions, can easily be mounted in a ceiling void of only 240mm
- Medium external static pressure up to 40Pa facilitates unit use with flexible ducts of varying lengths
- Auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter cleaning
- Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption

with auto cleaning and multi zoning option

Efficiency data				FDXM + RZAG	35F9 + 35A	50F9 + 50A	60F9 + 60A
Cooling capacity	Min./Nom./Max.			kW	1.6/3.5/4.5	1.7/5.0/6.0	1.7/6.0/6.5
Heating capacity	Min./Nom./Max.			kW	1.40/4.00/5.00	1.70/5.00/6.00	1.70/7.00/7.50
Space cooling	Energy efficiency class					A+	
	Capacity		Pdesign	kW	3.50	5.00	6.00
	SEER				5.90		5.70
	ηs,c			%		-	
	Annual energy consumption			kWh/a	208	296	368
Space heating (Average climate)	Energy efficiency class					A	
	Capacity		Pdesign	kW	3.50	4.30	4.50
	SCOP/A					3.90	
	ηs,h			%		-	
	Annual energy consumption			kWh/a	1,255	1,544	1,616

Indoor unit				FDXM	35F9	50F9	60F9
Dimensions	Unit	HeightxWidthxDepth		mm	200x750x620	200x1,150x620	
Weight	Unit			kg	21	28	
Air filter	Type					Removable / washable	
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/min	7.3/8.0/8.7	13.3/14.6/15.8	13.5/14.8/16.0
		Heating	Low/Medium/High	m^3/min	7.3/8.0/8.7	13.3/14.6/15.8	13.5/14.8/16.0
	External static pressure	Nom.		Pa	30	40	
Sound power level	Cooling			dBA	53.0	55.0	56.0
	Heating			dBA	53.0	55.0	56.0
Sound pressure level	Cooling	Low/High		dBA	27.0/35.0	30.0/38.0	
	Heating	Low/High		dBA	27.0/35.0	30.0/38.0	
Control systems	Infrared remote control					BRC4C65	
	Wired remote control					BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52	

Outdoor unit				RZAG	35A	50A	60A
Dimensions	Unit	HeightxWidthxDepth		mm		734x870x373	
Weight	Unit			kg		52	
Sound power level	Cooling			dBA	62.0	63.0	64.0
	Heating			dBA	62.0	63.0	64.0
Sound pressure level	Cooling	Nom.		dBA	48.0	49.0	50.0
	Heating	Nom.		dBA	48.0	49.0	50.0
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-20~52	
	Heating	Ambient	Min.~Max.	°CWB		-20~24	
Refrigerant	Type/GWP					R-32/675.0	
	Charge			kg/TCO2Eq		1.55/1.05	
Piping connections	Liquid/Gas	OD		mm	64/9.50	64/12.7	
	Piping length	OU - IU	Max.	m		50	
		System	Equivalent	m		-	
			Chargeless	m		-	
	Additional refrigerant charge			kg/m		0.02 (for piping length exceeding 30m)	
	Level difference	IU - OU	Max.	m		30.0	
Power supply	Phase/Frequency/Voltage			Hz/V		1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A		-	

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

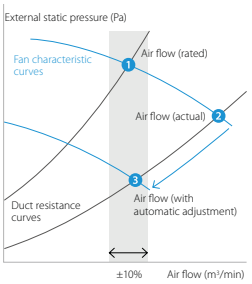
- Combination with split outdoor units is ideal for small retail, offices and residential applications
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- Low operation sound level down to 25dBA
- Medium external static pressure 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

Optimised supply air volume

Automatically selects the most appropriate fan curve to achieve the units' 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



Efficiency data				FBA + RXM	35A9 + 35N9	50A9 + 50N9	60A9 + 60N9
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
	ηs,c			%	-		
	Annual energy consumption			kWh/a	191	279	337
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
	ηs,h			%	-		
	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./High		Pa	30/150		
Sound power level	Cooling			dBA	60.0		56.0
Sound pressure level	Cooling	Low/High		dBA	29.0/35.0		25.0/30.0
	Heating	Low/High		dBA	29.0/37.0		25.0/31.0
Control systems	Infrared remote control				BRC4C65 / BRC4C66		
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220		

Outdoor unit				RXM	35N9	50N9	60N9
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	734x870x373	
Weight	Unit			kg	32	50	
Sound power level	Cooling			dBA	61	62	63
	Heating			dBA	61	62	63
Sound pressure level	Cooling	Nom.		dBA	49	48	
	Heating	Nom.		dBA	49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~50		
	Heating	Ambient	Min.~Max.	°CWB	-20~24		
Refrigerant	Type				R-32		
	GWP				675		
	Charge			kg/TCO2Eq	0.76/0.52	1.15/0.78	
Piping connections	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	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	-		

SkyAir Alpha-series BLUEVOLUTION

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- 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
- 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

Efficiency data				FBA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A	71A9 + 71NV1	100A + 100NV1	125A + 125NV1	140A + 140NV1	71A9 + 71NY1	100A + 100NY1	125A + 125NY1	140A + 140NY1
Cooling capacity	Min./Nom./Max.			kW	1.6/3.5/5.0	1.7/5.0/6.0	1.7/6.0/7.0	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	1.40/4.00/5.00	1.70/6.00/6.00	1.70/7.00/7.50	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-
Space cooling	Energy efficiency class				A++					-		A++		-	
	Capacity		Pdesign	kW	3.50	5.00	6.00	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4
	SEER				6.12	6.30	6.15	6.22	6.47	6.19	6.42	6.22	6.47	6.19	6.42
	ηs,c			%	-					245	254	-		245	254
	Annual energy consumption			kWh/a	200	278	341	382	514	1,173	1,252	382	514	1,173	1,252
Space heating (Average climate)	Energy efficiency class				A+					-		A+		-	
	Capacity		Pdesign	kW	4.20	4.30	4.50	4.70	7.80	9.52		4.70	7.80	9.52	
	SCOP/A				4.10			4.20	4.36	4.12	4.11	4.20	4.36	4.12	4.11
	ηs,h			%	-					162	161	-		162	161
	Annual energy consumption			kWh/a	1,434	1,469	1,537	1,566	2,505	3,235	3,243	1,566	2,505	3,235	3,243

Indoor unit				FBA	35A9	50A9	60A9	71A9	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth		mm	245x700x800		245x1,000x800		245x1,400x800		
Weight	Unit			kg	28.0		35.0		46.0		
Air filter	Type				Resin net						
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/min	10.5/12.5/15.0		12.5/15.0/18.0		23.0/26.0/29.0	23.5/29.0/34.0	
		Heating	Low/Medium/High	m^3/min	10.5/12.5/15.0		12.5/15.0/18.0		23.0/26.0/29.0	23.5/29.0/34.0	
	External static pressure	Nom./High		Pa	30/150				40/150	50/150	
Sound power level	Cooling			dBA	60.0		56.0		58.0	62.0	
Sound pressure level	Cooling	Low/High		dBA	29.0/35.0		25.0/30.0		30.0/34.0	32.0/37.0	
	Heating	Low/High		dBA	29.0/37.0		25.0/31.0		30.0/36.0	32.0/38.0	
Control systems	Infrared remote control				BRC4C65 / BRC4C66						
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220						

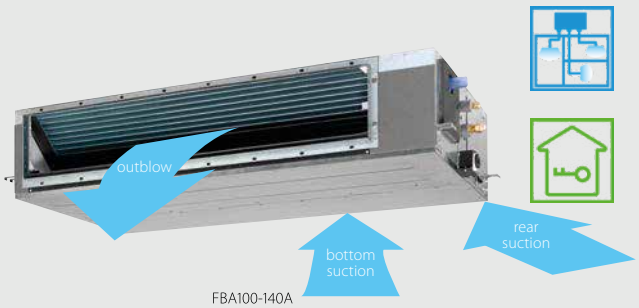
Outdoor unit				RZAG	35A	50A	60A	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1
Dimensions	Unit	HeightxWidthxDepth		mm	734x870x373			870x1,100x460							
Weight	Unit			kg	52			81	85	95		81	85	94	
Sound power level	Cooling			dBA	62.0	63.0	64.0		66	69	70	64	66	69	70
	Heating			dBA	62.0	63.0	64.0	-		68	71	-		68	71
Sound pressure level	Cooling	Nom.		dBA	48.0	49.0	50.0	46	47	49	50	46	47	49	50
	Heating	Nom.		dBA	48.0	49.0	50.0	48	50	52		48	50	52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~52										
	Heating	Ambient	Min.~Max.	°CWB	-20~24			-20~18							
Refrigerant	Type/GWP				R-32/675.0										
	Charge			kg/TCO2Eq	1.55/1.05			3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50	
Piping connections	Liquid/Gas	OD		mm	64/9.50	64/12.7		952/15.9							
	Piping length	OU - IU	Max.	m	50			55	85			55	85		
		System	Equivalent	m	-			75	100			75	100		
			Chargeless	m	-			40							
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)			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	16		20		32			16			

Sky Air Advance-series
BLUEVOLUTION

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



FBA100-140A


RZASG100-140MV1_MY1


BRC1H519W7, BRP069A81

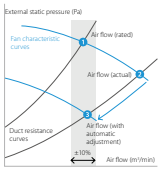
with multi zoning option

Optimised supply air volume

Automatically selects the most appropriate fan curve to achieve the units' 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



Efficiency data					**FBA + RZASG**	**71A9 + 71MV1**	**100A + 100MV1**	**125A + 125MV1**	**140A + 140MV1**	**100A + 100MY1**	**125A + 125MY1**	**140A + 140MY1**
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
	ηs,c				%	-		217	229	-	217	229
	Annual energy consumption				kWh/a	385	570	1,322	1,384	570	1,322	1,384
Space heating (Average climate)	Energy efficiency class					A+	A	-		A	-	
	Capacity		Pdesign		kW	4.50	6.00		7.80	6.00		7.80
	SCOP/A					4.01	3.85	3.63	3.85		3.63	3.85
	ηs,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 rate	Cooling	Low/Medium/High	m^3/min		12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0		23.0/26.0/29.0	23.5/29.0/34.0	
		Heating	Low/Medium/High	m^3/min		12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0		23.0/26.0/29.0	23.5/29.0/34.0	
	External static pressure	Nom./High			Pa	30/150	40/150	50/150		40/150	50/150	
Sound power level	Cooling				dBA	56.0	58.0	62.0		58.0	62.0	
Sound pressure level	Cooling	Low/High			dBA	25.0/30.0	30.0/34.0	32.0/37.0		30.0/34.0	32.0/37.0	
	Heating	Low/High			dBA	25.0/31.0	30.0/36.0	32.0/38.0		30.0/36.0	32.0/38.0	
Control systems	Infrared remote control					BRC4C65 / BRC4C66						
	Wired remote control					BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage				Hz/V	1~/50/60/220-240/220						

Outdoor unit					**RZASG/RZASG**	**71MV1**	**100MV1**	**125MV1**	**140MV1**	**100MY1**	**125MY1**	**140MY1**
Dimensions	Unit	HeightxWidthxDepth			mm	770x900x320	990x940x320					
Weight	Unit				kg	60	70		78	70		77
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						
	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		

Round flow cassette

360° air discharge for optimum efficiency and comfort

- Combinaiton 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. 2 filters available: standard filter and finer mesh filter
- 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!
- 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

FCAG-B

RXM-N9

BRC1H519W7, BRP069B82

White panel

White auto cleaning panel

Black panel

Black design panel

Efficiency data				**FCAG + RXM**	**35B + 35N9**	**50B + 50N9**	**60B + 60N9**
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	5.00	5.70
	SEER				6.35	6.54	6.40
	ηs,c			%		-	
	Annual energy consumption			kWh/a	193	266	312
Space heating (Average climate)	Energy efficiency class				A++	A+	
	Capacity		Pdesign	kW	3.32	4.36	4.71
	SCOP/A				4.90	4.30	4.20
	ηs,h			%		-	
	Annual energy consumption			kWh/a	948	1,419	1,569

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		
	Dimensions	HeightxWidthxDepth		mm	65x950x950x148x950x950x106x950x950		
	Weight			kg	5.5/10.3/6.5		
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/min	8.8/10.6/12.9	9.4/11.8/14.6	9.6/12.2/14.9
		Heating	Low/Medium/High	m^3/min	9.4/11.6/14.1	9.4/11.8/14.6	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/High		dBA	27.0/31.0		28.0/33.0
	Heating	Low/High		dBA	27.0/31.0		28.0/33.0
Control systems	Infrared remote control				BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB		
	Wired remote control				BRC1H519W7/S7/K/ / BRC1E53A/B/B / BRC1D52		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220		

Outdoor unit				**RXM**	**35N9**	**50N9**	**60N9**
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	734x870x373	
Weight	Unit			kg	32	50	
Sound power level	Cooling			dBA	61	62	63
	Heating			dBA	61	62	63
Sound pressure level	Cooling	Nom.		dBA	49	48	
	Heating	Nom.		dBA	49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~50		
	Heating	Ambient	Min.~Max.	°CWB	-20~24		
Refrigerant	Type				R-32		
	GWP				675		
	Charge			kg/TCO2Eq	0.76/0.52	1.15/0.78	
Piping connections	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	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	-		

ROUND FLOW

SkyAir Alpha-series BLUEVOLUTION

Round flow cassette

360° air discharge for optimum efficiency and comfort

- Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter
- 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!
- Lowest installation height in the market: 214mm for class 20-63
- 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
- 5 different fan speeds available for maximum comfort
- 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

FCAG-B

RZAG-NV1_NY1

BRC1H519W7, BRP069B82

White panel

White auto cleaning panel

Black panel

Black design panel

Efficiency data				FCAG + RZAG	35B + 35A	50B + 50A	60B + 60A	71B + 71NV1	100B + 100NV1	125B + 125NV1	140B + 140NV1	71B + 71NY1	100B + 100NY1	125B + 125NY1	140B + 140NY1
Cooling capacity	Min./Nom./Max.			kW	1.6/3.5/4.5	1.7/5.0/6.0	1.7/6.0/6.5	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	1.40/4.00/5.00	1.50/5.80/6.00	1.60/7.00/7.50	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-
Space cooling	Energy efficiency class				A++					-		A++		-	
	Capacity		Pdesign	kW	3.50	5.00	6.00	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4
	SEER				7.30	6.80	6.60	6.83	7.14	7.15	6.80	6.83	7.14	7.15	6.80
	ηs,c			%	-					283	269	-		283	269
	Annual energy consumption			kWh/a	168	257	318	348	466	1,016	1,182	348	466	1,016	1,182
Space heating (Average climate)	Energy efficiency class				A+					-		A+		-	
	Capacity		Pdesign	kW	3.30	4.30	4.60	4.70	7.80	9.52		4.70	7.80	9.52	
	SCOP/A				4.30		4.25	4.22	4.53	4.34		4.22	4.53	4.34	
	ηs,h			%	-					171		-		171	
	Annual energy consumption			kWh/a	1,074	1,398	1,515	1,560	2,413	3,071		1,560	2,413	3,071	

Indoor unit				FCAG	35B	50B	60B	71B	100B	125B	140B
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840				246x840x840		
Weight	Unit			kg	18	19		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	65x950x950x148x950x950x106x950x950						
	Weight			kg	5.5/10.3/6.5						
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/min	8.8/10.6/12.9	9.4/11.8/14.6	9.6/12.2/14.9	10.8/13.0/15.1	13.0/17.8/22.7	13.1/20.4/27.2	
		Heating	Low/Medium/High	m^3/min	9.4/11.6/14.1	9.4/11.8/14.6	9.6/12.2/14.9	10.8/12.9/15.1	13.2/18.1/23.0	13.0/20.2/27.0	
Sound power level	Cooling			dBA	49.0		51.0		54.0	58.0	
	Heating			dBA	49.0		51.0		54.0	58.0	
Sound pressure level	Cooling	Low/High		dBA	27.0/31.0		28.0/33.0	28.0/35.0	29.0/37.0	29.0/41.0	
	Heating	Low/High		dBA	27.0/31.0		28.0/33.0		29.0/37.0	29.0/41.0	
Control systems	Infrared remote control				BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB						
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220						

Outdoor unit				RZAG	35A	50A	60A	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1
Dimensions	Unit	HeightxWidthxDepth		mm	734x870x373			870x1,100x460							
Weight	Unit			kg	52			81	85	95		81	85	94	
Sound power level	Cooling			dBA	62.0	63.0	64.0		66	69	70	64	66	69	70
	Heating			dBA	62.0	63.0	64.0	-		68	71	-		68	71
Sound pressure level	Cooling	Nom.		dBA	48.0	49.0	50.0	46	47	49	50	46	47	49	50
	Heating	Nom.		dBA	48.0	49.0	50.0	48	50	52		48	50	52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~52										
	Heating	Ambient	Min.~Max.	°CWB	-20~24			-20~18							
Refrigerant	Type/GWP				R-32/675.0										
	Charge			kg/TCO2Eq	1.55/1.05			3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50	
Piping connections	Liquid/Gas	OD		mm	64/9.50	64/12.7		952/15.9							
	Piping length	OU - IU	Max.	m	50			55	85			55	85		
		System	Equivalent	m	-			75	100			75	100		
			Chargeless	m	-			40							
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)			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	16		20		32			16			

ROUND FLOW

SkyAir Advance-series
BLUEVOLUTION

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!
- 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

FCAG-B

RZASG100-140MV1_MY1

BRC1H519W7, BRP069B82

White panel | White auto cleaning panel | Black panel | Black design panel

Efficiency data				FCAG + RZASG	71B + 71MV1	100B + 100MV1	125B + 125MV1	140B + 140MV1	100B + 100MY1	125B + 125MY1	140B + 140MY1
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
	Annual energy consumption			kWh/a	368	507	1,261	1,231	507	1,261	1,231
Space heating	Energy efficiency class				A+		-		A+	-	
(Average climate)	Capacity		Pdesign	kW	4.50	6.00		7.80	6.00		7.80
	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	65x950x950x148x950x950x106x950x950						
	Weight			kg	5.5/10.3/6.5						
Fan	Air flow	Cooling	Low/Medium/High	m^3/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	
	rate	Heating	Low/Medium/High	m^3/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	Cooling	Low/High		dBA	28.0/35.0	29.0/37.0	29.0/41.0		29.0/37.0	29.0/41.0	
level	Heating	Low/High		dBA	28.0/33.0	29.0/37.0	29.0/41.0		29.0/37.0	29.0/41.0	
Control systems	Infrared remote control				BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB						
	Wired remote control				BRC1H519W7/S7/K/ / BRC1E53A/B/B / BRC1D52						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220						

Outdoor unit				RZASG	71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320					
Weight	Unit			kg	60	70		78	70		77
Sound power level	Cooling			dBA	65	70	71	73	70	71	73
	Heating			dBA	-		71	73	-	71	73
Sound pressure	Cooling	Nom.		dBA	46	53		54	53		54
level	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	OU - IU	Max.	m	50						
	length	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		

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
- 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

Efficiency data				FFA + RXM	25A9 + 25N9	35A9 + 35N9	50A9 + 50N9	60A9 + 60N9
Cooling capacity	Nom.			kW	2.50	3.40	5.00	5.70
Heating capacity	Nom.			kW	3.20	4.20	5.80	7.00
Space cooling	Energy efficiency class				A++		A+	
	Capacity		Pdesign	kW	2.50	3.40	5.00	5.70
	SEER				6.17	6.38	5.98	5.76
	ηs,c			%	-			
	Annual energy consumption			kWh/a	142	186	292	347
Space heating (Average climate)	Energy efficiency class				A+		A	A+
	Capacity		Pdesign	kW	2.31	3.10	3.84	3.96
	SCOP/A				4.24	4.10	3.90	4.04
	ηs,h			%	-			
	Annual energy consumption			kWh/a	762	1,058	1,377	1,372

Indoor unit				FFA	25A9	35A9	50A9	60A9
Dimensions	Unit	HeightxWidthxDepth		mm	260x575x575			
Weight	Unit			kg	16.0		17.5	
Air filter	Type				Resin net			
Decoration panel	Model				BYFQ60C2W1W / BYFQ60C2W1S / BYFQ60B2W1 / BYFQ60B3W1			
	Colour				White (N9.5)/SILVER/White (RAL9010)/WHITE (RAL9010)			
	Dimensions	HeightxWidthxDepth		mm	46x620x620x46x620x620x55x700x700x55x700x700			
	Weight			kg	2.8/2.8/2.7/2.7			
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/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	m^3/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/High		dBA	25.0/31.0	25.0/34.0	27.0/39.0	32.0/43.0
	Heating	Low/High		dBA	25.0/31.0	25.0/34.0	27.0/39.0	32.0/43.0
Control systems	Infrared remote control				BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel)			
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			

Outdoor unit				RXM	25N9	35N9	50N9	60N9
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		734x870x373	
Weight	Unit			kg	32		50	
Sound power level	Cooling			dBA	58	61	62	63
	Heating			dBA	59	61	62	63
Sound pressure level	Cooling	Nom.		dBA	46	49	48	
	Heating	Nom.		dBA	47	49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~50			
	Heating	Ambient	Min.~Max.	°CWB	-20~24			
Refrigerant	Type				R-32			
	GWP				675			
	Charge			kg/TCO2Eq	0.76/0.52		1.15/0.78	
Piping connections	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	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

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- Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- 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
- 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

Efficiency data				FFA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A
Cooling capacity	Min./Nom./Max.			kW	1.6/3.5/4.5	1.7/5.0/6.0	1.7/6.0/6.5
Heating capacity	Min./Nom./Max.			kW	1.40/4.00/5.00	1.50/5.80/6.00	1.60/7.00/7.50
Space cooling	Energy efficiency class				A++		A+
	Capacity		Pdesign	kW	3.50	5.00	6.00
	SEER				6.40	6.30	5.80
	ηs,c			%	-		
	Annual energy consumption			kWh/a	191	278	362
Space heating (Average climate)	Energy efficiency class				A	A+	
	Capacity		Pdesign	kW	4.20	4.30	4.50
	SCOP/A				3.80	4.01	4.04
	ηs,h			%	-		
	Annual energy consumption			kWh/a	1,546	1,501	1,558

Indoor unit				FFA	35A9	50A9	60A9
Dimensions	Unit	HeightxWidthxDepth		mm	260x575x575		
Weight	Unit			kg	16.0	17.5	
Air filter	Type				Resin net		
Decoration panel	Model				BYFQ60C2W1W / BYFQ60C2W1S / BYFQ60B2W1 / BYFQ60B3W1		
	Colour				White (N9.5)/SILVER/White (RAL9010)/WHITE (RAL9010)		
	Dimensions	HeightxWidthxDepth		mm	46x620x620x46x620x620x55x700x700x55x700x700		
	Weight			kg	2.8/2.8/2.7/2.7		
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/min	6.5/8.5/10.0	8.6/10.9/12.7	9.5/12.5/14.5
		Heating	Low/Medium/High	m^3/min	6.5/8.5/10.0	8.6/10.9/12.7	9.5/12.5/14.5
Sound power level	Cooling			dBA	51.0	56.0	60.0
Sound pressure level	Cooling	Low/High		dBA	25.0/34.0	27.0/39.0	32.0/43.0
	Heating	Low/High		dBA	25.0/34.0	27.0/39.0	32.0/43.0
Control systems	Infrared remote control				BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel)		
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		

Outdoor unit				RZAG	35A	50A	60A
Dimensions	Unit	HeightxWidthxDepth		mm	734x870x373		
Weight	Unit			kg	52		
Sound power level	Cooling			dBA	62.0	63.0	64.0
	Heating			dBA	62.0	63.0	64.0
Sound pressure level	Cooling	Nom.		dBA	48.0	49.0	50.0
	Heating	Nom.		dBA	48.0	49.0	50.0
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~52		
	Heating	Ambient	Min.~Max.	°CWB	-20~24		
Refrigerant	Type/GWP				R-32/675.0		
	Charge			kg/TCO2Eq	1.55/1.05		
Piping connections	Liquid/Gas	OD		mm	6.35/9.52	6.35/12.7	
	Piping length	OU - IU	Max.	m	50		
		System	Equivalent	m	-		
			Chargeless	m	-		
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)		
	Level difference	IU - OU	Max.	m	30.0		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	-		

SkyAir Advance-series
BLUEVOLUTION

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

FAA100A

RZASG100-140MV1_MY1

BRC1H519W7, BRP069A81

Efficiency data				**FAA + RZASG**	**71A + 71MV1**	**100A + 100MV1**	**100A + 100MY1**
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**	**71A**	**100A**	**100A**
Dimensions	Unit	HeightxWidthxDepth		mm	290x1,050x238	340x1,200x240	
Weight	Unit			kg	13.0	17.0	
Air filter	Type				-		
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/min	14.0/16/18.0	19.0/23/26.0	
		Heating	Low/Medium/High	m^3/min	14.0/16.0/18.0	19.0/23.0/26.0	
Sound power level	Cooling			dBA	61	65	
	Heating			dBA	61	65	
Sound pressure level	Cooling	Low/High		dBA	40/45	41/49	
	Heating	Low/High		dBA	40/45	41/49	
Control systems	Infrared remote control				BRC7EB518		
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		

Outdoor unit				**RZASG/RZASG**	**71MV1**	**100MV1**	**100MY1**
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320	
Weight	Unit			kg	60	70	
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		
	Charge			kg/TCO2Eq	2.45/1.65	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		
	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

Wall mounted 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

Efficiency data				FHA + RXM	35A9 + 35N9	35A9 + 35N9	50A9 + 50N9	60A9 + 60N9
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++		A+	
	Capacity		Pdesign	kW	3.40		5.00	5.70
	SEER				6.24		5.92	6.08
	ηs,c			%	-			
	Annual energy consumption			kWh/a	191		295	328
Space heating (Average climate)	Energy efficiency class				A+		A	
	Capacity		Pdesign	kW	3.10		4.35	4.71
	SCOP/A				4.43		3.86	3.87
	ηs,h			%	-			
	Annual energy consumption			kWh/a	979		1,578	1,704

Indoor unit				FHA	35A9	35A9	50A9	60A9
Dimensions	Unit	HeightxWidthxDepth		mm	235x960x690			235x1,270x690
Weight	Unit			kg	24		25	31
Air filter	Type				Resin net			
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/min	10.0/11.5/14.0		10.0/12.0/15.0	11.5/15.0/19.5
		Heating	Low/Medium/High	m^3/min	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	
Sound pressure level	Cooling	Low/High		dBA	31.0/36.0		32.0/37.0	33.0/37.0
	Heating	Nom./High		dBA	34.0/36.0		35.0/37.0	
Control systems	Infrared remote control				BRC7GA53-9			
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			

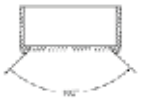
Outdoor unit				RXM	35N9	35N9	50N9	60N9
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		734x870x373	
Weight	Unit			kg	32		50	
Sound power level	Cooling			dBA	61		62	63
	Heating			dBA	61		62	63
Sound pressure level	Cooling	Nom.		dBA	49		48	
	Heating	Nom.		dBA	49			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~50			
	Heating	Ambient	Min.~Max.	°CWB	-20~24			
Refrigerant	Type				R-32			
	GWP				675			
	Charge			kg/TCO2Eq	0.76/0.52		1.15/0.78	
Piping connections	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	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

SkyAir Alpha-series
BLUEVOLUTION

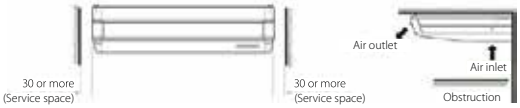
Ceiling suspended unit

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



› Reduced energy consumption thanks to specially developed DC fan motor

› 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

Efficiency data				FHA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A	71A9 + 71NV1	100A + 100NV1	125A + 125NV1	140A + 140NV1	71A9 + 71NY1	100A + 100NY1	125A + 125NY1	140A + 140NY1
Cooling capacity	Min./Nom./Max.			kW	1.7/3.5/4.5	1.7/5.0/6.0	1.9/6.0/6.8	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	1.40/4.00/5.50	1.70/5.80/6.50	1.70/7.00/7.50	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-
Space cooling	Energy efficiency class				A++					-		A++		-	
	Capacity		Pdesign	kW	3.50	5.00	6.00	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4
	SEER				6.40	6.80	6.60	7.11	6.42	7.14	6.42	7.11	6.42	7.14	6.42
	ηs,c			%	-					283	254	-		283	254
	Annual energy consumption			kWh/a	191	257	318	335	518	1,017	1,253	335	518	1,017	1,253
Space heating (Average climate)	Energy efficiency class				A+				A++	-		A+	A++	-	
	Capacity		Pdesign	kW	3.10	4.00	4.60	4.70	7.80	9.52		4.70	7.80	9.52	
	SCOP/A				4.10	4.30	4.20	4.32	4.61	4.09	4.30	4.32	4.61	4.09	4.30
	ηs,h			%	-					161	169	-		161	169
	Annual energy consumption			kWh/a	1,058	1,302	1,633	1,523	2,369	3,259	3,100	1,523	2,369	3,259	3,100

Indoor unit				FHA	35A9	50A9	60A9	71A9	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth		mm	235x960x690		235x1,270x690		235x1,590x690		
Weight	Unit			kg	24	25	31	32	38.0		
Air filter	Type				Resin net						
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0
		Heating	Low/Medium/High	m^3/min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0
Sound power level	Cooling			dBA	53.0	54.0		55.0	60	62	64
Sound pressure level	Cooling	Low/High		dBA	31.0/36.0	32.0/37.0	33.0/37.0	34.0/38.0	34/42	37/44	38/46
	Heating	Nom./High		dBA	34.0/36.0	35.0/37.0		36.0/38.0	38/42	41/44	42/46
Control systems	Infrared remote control				BRC7GA53-9						
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240						

Outdoor unit				RZAG	35A	50A	60A	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1
Dimensions	Unit	HeightxWidthxDepth		mm	734x870x373			870x1,100x460							
Weight	Unit			kg	52			81	85	95		81	85	94	
Sound power level	Cooling			dBA	62.0	63.0	64.0		66	69	70	64	66	69	70
	Heating			dBA	62.0	63.0	64.0	-		68	71	-		68	71
Sound pressure level	Cooling	Nom.		dBA	48.0	49.0	50.0	46	47	49	50	46	47	49	50
	Heating	Nom.		dBA	48.0	49.0	50.0	48	50	52		48	50	52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~52										
	Heating	Ambient	Min.~Max.	°CWB	-20~24			-20~18							
Refrigerant	Type/GWP				R-32/675.0			R-32/675							
	Charge			kg/TCO2Eq	1.55/1.05			3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50	
Piping connections	Liquid/Gas	OD		mm	64/9.50	64/12.7		952/15.9							
	Piping length	OU - IU	Max.	m	50			55	85			55	85		
		System	Equivalent	m	-			75	100			75	100		
			Chargeless	m	-			40							
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)			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	16		20		32			16			

SkyAir Advance-series
BLUEVOLUTION

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

FHA100-140A9

RZASG100-140MV1_MY1

BRC1H519W7, BRP069A81

Efficiency data				**FHA + RZASG**	**71A9 + 71MV1**	**100A + 100MV1**	**125A + 125MV1**	**140A + 140MV1**	**100A + 100MY1**	**125A + 125MY1**	**140A + 140MY1**
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				5.95	5.83		5.88	5.83		5.88
	ηs,c			%	-		230	232	-	230	232
	Annual energy consumption			kWh/a	400	570	1,246	1,368	570	1,246	1,368
Space heating (Average climate)	Energy efficiency class				A		-		A	-	
	Capacity		Pdesign	kW	4.50	6.00		7.80	6.00		7.80
	SCOP/A				3.90	3.91	3.83	3.81	3.91	3.83	3.81
	ηs,h			%	-		150	149	-	150	149
	Annual energy consumption			kWh/a	1,616	2,148	2,193	2,866	2,148	2,193	2,866

Indoor unit				**FHA**	**71A9**	**100A**	**125A**	**140A**	**100A**	**125A**	**140A**
Dimensions	Unit	HeightxWidthxDepth		mm	235x1,270x690	235x1,590x690					
Weight	Unit			kg	32	38.0					
Air filter	Type				Resin net						
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/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	m^3/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	62	64	60	62	64
Sound pressure level	Cooling	Low/High		dBA	34.0/38.0	34/42	37/44	38/46	34/42	37/44	38/46
	Heating	Nom./High		dBA	36.0/38.0	38/42	41/44	42/46	38/42	41/44	42/46
Control systems	Infrared remote control				BRC7GA53-9						
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240						

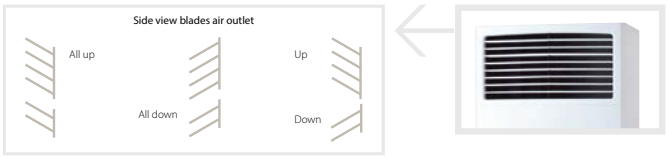
Outdoor unit				**RZASG/RZASG**	**71MV1**	**100MV1**	**125MV1**	**140MV1**	**100MY1**	**125MY1**	**140MY1**
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320					
Weight	Unit			kg	60	70		78	70		77
Sound power level	Cooling			dBA	65	70	71	73	70	71	73
	Heating			dBA	-		71	73	-	71	73
Sound 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						
	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		

Sky Air Advance-series
BLUEVOLUTION

Floor standing unit

For commercial spaces with high ceilings

- Combination with Sky Air Advance-series ensures good value for money for all types of commercial applications
- Decrease of temperature variation by automatic fan speed selection or freely selectable 3-step fan speed.
- Improved comfort as a result of better airflow distribution from the vertical out blow which allows manual adjustment of air outlet blades at the top of the unit.
- Selectable horizontal out blow to better suit the layout of the room (via wired remote controller BRC1E*/BRC1H*)



Efficiency data				FVA + RZASG	71A + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	100A + 100MY1	125A + 125MY1	140A + 140MY1
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				5.83	5.72	5.52	5.63	5.72	5.52	5.63
	ηs,c			%	-		218	222	-	218	222
	Annual energy consumption			kWh/a	408	581	1,314	1,428	581	1,314	1,428
Space heating (Average climate)	Energy efficiency class				A+	A	-		A	-	
	Capacity		Pdesign	kW	4.50	6.00		7.80	6.00		7.80
	SCOP/A				4.04	3.83	3.64	3.81	3.83	3.64	3.81
	ηs,h			%	-		143	149	-	143	149
	Annual energy consumption			kWh/a	1,559	2,193	2,308	2,866	2,193	2,308	2,866

Indoor unit				FVA	71A	100A	125A	140A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth		mm	1,850x600x270	1,850x600x350					
Weight	Unit			kg	42	50					
Air filter	Type				Resin net						
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/min	14/16/18	22/25/28	24/26/28	26/28/30	22/25/28	24/26/28	26/28/30
		Heating	Low/Medium/High	m^3/min	14/16/18	22/25/28	24/26/28	26/28/30	22/25/28	24/26/28	26/28/30
Sound power level	Cooling			dBA	55	62	63	65	62	63	65
Sound pressure level	Cooling	Low/High		dBA	38/43	44/50	46/51	48/53	44/50	46/51	48/53
	Heating	Nom./High		dBA	41/43	47/50	48/51	51/53	47/50	48/51	51/53
Control systems	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220						

Outdoor unit				RZASG/RZASG	71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320					
Weight	Unit			kg	60	70		78	70		77
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						
	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		

Concealed floor standing unit

Designed to be concealed in walls

- Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- Requires very little installation space as the depth is only 200mm
- Its low height (620 mm) enables the unit to fit perfectly beneath a window
- High ESP allows flexible installation

FNA-A9

RZAG25-60A

BRC1H519W7, BRP069A81

Efficiency data				**FNA + RZAG**	**35A9 + 35A**	**50A9 + 50A**	**60A9 + 60A**
Cooling capacity	Min./Nom./Max.			kW	1.6/3.5/4.5	1.7/5.0/6.0	1.7/6.0/6.5
Heating capacity	Min./Nom./Max.			kW	1.40/4.00/5.00	1.70/5.00/6.00	1.70/7.00/7.50
Space cooling	Energy efficiency class					A+	
	Capacity		Pdesign	kW	3.50	5.00	6.00
	SEER					5.90	5.70
	ηs,c			%		-	
	Annual energy consumption			kWh/a	208	297	368
Space heating (Average climate)	Energy efficiency class					A	
	Capacity		Pdesign	kW	3.50	4.30	4.50
	SCOP/A					3.90	
	ηs,h			%		-	
	Annual energy consumption			kWh/a	1,255	1,542	1,616

Indoor unit				**FNA**	**35A9**	**50A9**	**60A9**
Dimensions	Unit	HeightxWidthxDepth		mm	620 / 720(1)x790x200	620 / 720(1)x1,190x200	
Weight	Unit			kg	23.0	30.0	
Air filter	Type					Resin net	
Fan	Air flow rate	Cooling	Low/High	m^3/min	7.3/8.7	13.5/16.0	
		Heating	Low/High	m^3/min	7.3/8.7	13.5/16.0	
	External static pressure	Nom./High		Pa	30/48	40/49	
Sound power level	Cooling			dBA	53.0	56.0	
Sound pressure level	Cooling	Low/High		dBA	28.0/33.0	30.0/36.0	
	Heating	Low/Nom./High		dBA	28.0/31.0/33.0	30.0/33.0/36.0	
Control systems	Infrared remote control					BRC4C65	
	Wired remote control					BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52	
Power supply	Phase/Frequency/Voltage			Hz/V		1~/50/60/220-240/220	

Outdoor unit				**RZAG**	**35A**	**50A**	**60A**
Dimensions	Unit	HeightxWidthxDepth		mm		734x870x373	
Weight	Unit			kg		52	
Sound power level	Cooling			dBA	62.0	63.0	64.0
	Heating			dBA	62.0	63.0	64.0
Sound pressure level	Cooling	Nom.		dBA	48.0	49.0	50.0
	Heating	Nom.		dBA	48.0	49.0	50.0
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-20~52	
	Heating	Ambient	Min.~Max.	°CWB		-20~24	
Refrigerant	Type/GWP					R-32/675.0	
	Charge			kg/TCO2Eq		1.55/1.05	
Piping connections	Liquid/Gas	OD		mm	6.35/9.52	6.35/12.7	
	Piping length	OU - IU	Max.	m		50	
		System	Equivalent	m		-20~52	
			Chargeless	m		-20~24	
	Additional refrigerant charge			kg/m		0.02 (for piping length exceeding 30m)	
	Level difference	IU - OU	Max.	m		30.0	
Power supply	Phase/Frequency/Voltage			Hz/V		1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A		-	

(1) Including installation legs

Ceiling Concealed (50Hz)

Designed to be concealed in walls

- Excellent air distribution
- Compact design
- High capacity range
- High external static pressure (ESP) range
- Double drainage protection
- Easy serviceability
- 4 available fan speed (class 71 and above)
- Auto random restart with last-state-memory
- Self-diagnosis features
- Wired controller
- NIM-abled

FDMQ35/50/60/71/100/125/140CXV1

Wired controller
BRC51A

Specification for ceiling conealed - heat pump

Efficiency Data		**FDMQ35 + RZQ35**	**FDMQ35 + RZQ35**	**FDMQ35 + RZQ35**	**FDMQ35 + RZQ35**	**FDMQ35 + RZQ35**
Nominal cooling capacity	Btu/hr	12500	17700	20600	24200	34800
	W	3670	5200	6050	7100	10200
Nominal heating capacity	Btu/hr	12600	19600	21800	27600	38200
	W	3700	5770	6400	8100	11200
Nominal EER	W/W	3.36	3.28	3.20	3.21	3.40
Nominal COP	W/W	3.46	3.44	3.65	3.70	4.15
Indoor unit		**FDMQ35CXV1**	**FDMQ50CXV1**	**FDMQ60CXV1**	**FDMQ71CXV1**	**FDMQ100CXV1**
Power supply	V/Ph/Hz	220-240/1/50				
	cfm	410/370/250	570/540/450	690/640/520	850/700/590/480	1280/1160/1050/920
External static pressure	Pa	29/20/10			78/53/38/25	118/96/78/61
Sound pressure level	dBA	37/34/29	38/36/34	40/39/36	44/41/38/34	55/51/48/45
Dimensions (HxWxD)	mm	261x905x411	261x1065x411	261x1200x411	285x1007x600	305x1302x638
Net weight	kg	22	24	26	40	49
Outdoor unit		**RX35DGXV19**	**RXN50CGXV1**	**RXN60CGXV1**	**RZQ71CGXV1**	**RZQ100FGXV1**
Power supply	V/Ph/Hz	220-240/1/50 (power from indoor)				"220-240/1/50 (power from outdoor)"
Sound pressure level	dBA	49	51		50	
Dimensions (HxWxD)	mm	550x765x285	651x855x328	753x855x328	753x940x392	1374x900x320
Net weight	kg	33	37	44	51	100
Pipe connection - Liquid	mm	6.35			9.52	
Pipe connection - Gas	mm	12.70		15.88		
Max. piping length	m	15	30		50	75
Max. piping elevation	m	10			30	

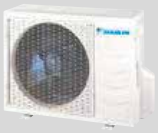
Efficiency Data		**FDMQ100+ RZQ100**	**FDMQ125 + RZQ125**	**FDMQ125 + RZQ125**	**FDMQ140 + RZQ140**	**FDMQ140 + RZQ140**
Nominal cooling capacity	Btu/hr	34800	45400	43300	47800	47700
	W	10200	13310	12700	14010	14000
Nominal heating capacity	Btu/hr	38200	53600	47700	56600	56200
	W	11200	15710	14000	16590	16500
Nominal EER	W/W	3.29	3.65	3.21	3.31	3.05
Nominal COP	W/W	3.70	3.87	3.62	3.96	3.62
Indoor unit		**FDMQ100CXV1**	**FDMQ125CXV1**	**FDMQ125CXV1**	**FDMQ140CXV1**	**FDMQ140CXV1**
Power supply	V/Ph/Hz	220-240/1/50				
	cfm	1280/1160/1050/920	1430/1320/1230/1130		1720/1550/1340/1170	
External static pressure	Pa	118/96/78/61	147/126/109/92		147/120/90/69	
Sound pressure level	dBA	55/51/48/45	53/52/50/47		55/53/50/47	
Dimensions (HxWxD)	mm	305x1302x638	378x1299x541		378x1499x541	
Net weight	kg	49	50		56	
Outdoor unit		**RZQ100FGXY1**	**RZQ125FGXV1**	**RZQ125FGXY1**	**RZQ140FGXV1**	**RZQ140FGXY1**
Power supply	V/Ph/Hz	"380-415/3/50 (power from outdoor)"	"220-240/1/50 (power from outdoor)"	"380-415/3/50 (power from outdoor)"	"220-240/1/50 (power from outdoor)"	"380-415/3/50 (power from outdoor)"
Sound pressure level	dBA	50	51			
Dimensions (HxWxD)	mm	1374x900x320				
Net weight	kg	100				
Pipe connection - Liquid	mm	9.52				
Pipe connection - Gas	mm	15.88				
Max. piping length	m	75				
Max. piping elevation	m	30				

FDMQN-C + RYN/RQ-CG

Ceiling Concealed C Series

- Excellent air distribution
- Auto random restart with last-state-memory
- Double protection drainage system
- Flexibility in system design
- Self diagnosis features
- Wired handset BRC51A61 (H/P) is supplied as standard

FDMQN257/60/50/35/1/125140/CXV



RYN2535/CGXV

RYN5060/CGXV
RYN5060/CGXV
RQ71CGXV
RQ71CGXV

RQ/100DGXV
RQ/100140/125/DGXV

Specification for Ceiling Concealed, Standard Static - Cooling and Heating

Efficiency Data		**FDMQN25 + RYN25**	**FDMQN35 + RYN35**	**FDMQN50 + RYN50**	**FDMQN50 + RYN50**	**FDMQN60 + RYN60**	**FDMQN60 + RYN60**	**FDMQN71 + RQ71**
Nominal Cooling Capacity	Btu/h	9500	12500	18000	18000	21000	22860	26000
	W	2780	3660	5280	5280	6155	6700	7620
Nominal Heating Capacity	Btu/h	9500	12000	18500	18500	22000	23200	26000
	W	2780	3520	5420	5420	6450	6800	7620
Nominal EER	W/W	2.96	2.91	3.13	3.04	3.15	3.03	2.73
Nominal COP	W/W	3.52	3.18	3.55	3.59	3.39	3.23	3.27
Indoor unit		**FDMQN25CXV**	**FDMQN35CXV**	**FDMQN50CXV**	**FDMQN50CXV**	**FDMQN60CXV**	**FDMQN60CXV**	**FDMQN71CXV**
Power Supply	V/Ph/Hz	22050/1/240-50	220/1/240-50	220/1/240-50	220/1/240-50	220/1/240-50	220/1/240-50	220/1/240-
Air Flow	CFM	250710/770/810/53	5 850/660/535	690/660/480	690/558/480	570/558/250	570/370/210	410/235/
External Static Pressure	Pa	2910/20/	2910/20/	2910/20/	2910/20/	2910/20/	2910/20/	9859/68/78/
Sound Pressure Level	dBA	3326/30/	3729/34/	3834/36/	3834/36/	4036/39/	4036/39/	4434/38/41/
Height	mm	261	261	261	261	261	261	285
Width	mm	765	905	1065	1065	1200	1200	932
Depth	mm	411	411	411	411	411	411	600
Net Weight	kg	18	22	24	24	26	26	40
Outdoor unit		**RYN25CGXV**	**RYN35CGXV**	**RYN50CGXV**	**RYN50CGXV**	**RYN60CGXV**	**RYN60CGXV**	**RQ71CGXV**
Power Supply	V/Ph/Hz	22050/1/240-50	220/3/415-50	380/1/240-50	220/3/415-50	380/1/240-50	220/1/240-50	220/1/240-
Sound Pressure Level	dBA	46	49	52	52	52	52	58
Height	mm	540	540	651	651	753	753	753
Width	mm	700	700	855	855	855	855	855
Depth	mm	250	250	328	328	328	328	328
Net Weight	kg	28	30	47	47	50	50	57
Pipe connection - Liquid	mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52
Pipe connection - Gas	mm	9.52	12.70	12.70	12.70	15.88	15.88	15.88
Piping Length	m	12	12	15	15	15	15	15
Piping Elevation	m	5	5	8	8	8	8	8

Efficiency Data		**FDMQN71 + RQ71**	**FDMQN100 + RQ100**	**FDMQN100 + RQ100**	**FDMQN125 + RQ125**	**FDMQN140 + RQ140**
Nominal Cooling Capacity	Btu/h	27000	39000	39000	45000	55000
	W	7910	11430	11430	13190	16120
Nominal Heating Capacity	Btu/h	28000	41000	41000	47000	55000
	W	8210	12020	12020	13770	16120
Nominal EER	W/W	2.88	2.82	2.82	2.87	3.01
Nominal COP	W/W	3.43	3.25	3.25	3.41	3.41
Indoor unit		**FDMQN71CXV**	**FDMQN100CXV**	**FDMQN100CXV**	**FDMQN125CXV**	**FDMQN140CXV**
Power Supply	V/Ph/Hz	22050/1/240-	22050/1/240-	22050/1/240-	22050/1/240-	22050/1/240-
Air Flow	CFM	850710/770/810/	1280920/1050/1160/	1280920/1050/1160/	14301130/1230/1320/	17201170/1340/1550/
External Static Pressure	Pa	9859/68/78/	11861/78/96/	11861/78/96/	14792/109/126/	14769/90/120/
Sound Pressure Level	dBA	4434/38/41/	5245/47/49/	5245/47/49/	5451/52/53/	5446/50/52/
Height	mm	285	315	315	378	378
Width	mm	932	1257	1257	1299	1499
Depth	mm	600	638	638	541	541
Net Weight	kg	40	49	49	50	56
Outdoor unit		**RQ71CGXY**	**RQ100CGXY**	**RQ100CGXY**	**RQ125CGXY**	**RQ140CGXY**
Power Supply	V/Ph/Hz	38050/3/415-	22050/1/240-	38050/3/415-	38050/3/415-	38050/3/415-
Sound Pressure Level	dBA	58	58	58	60	65
Height	mm	753	852	852	852	852
Width	mm	855	1030	1030	1030	1030
Depth	mm	328	400	400	400	400
Net Weight	kg	57	95	95	98	105
Pipe connection - Liquid	mm	9.52	9.52	9.52	9.52	9.52
Pipe connection - Gas	mm	15.88	15.88	15.88	15.88	19.05
Piping Length	m	15	45	45	45	35
Piping Elevation	m	8	25	25	25	15

FFQN-C + RYN-CG

Ceiling Cassette C Series

- 4 way air discharge and air swing
- Compact design
- Built-in high head drain pump
- Mount with B(Y)C20CXW decorative panel
- Stylish and slim panel
- Auto mode
- Hot keep cycle
- Self diagnosis
- Wireless handset BRC52A61 (H/P) or BRC52A62 (C/O) is supplied as standard

FFQN2550/35/CXV

RYN2535/CGXV

RYN50CGXV
RYN50CGXY

Specification for Ceiling Cassette - C Series, 2ti x 2ti Panel - Cooling and Heating

Efficiency Data		**FFQN25 + RYN25**	**FFQN35 + RYN35**	**FFQN50 + RYN50**	**FFQN50 + RYN50**
Nominal Cooling Capacity	Btu/h	9500	12500	17500	18000
	W	2780	3660	5129	5280
Nominal Heating Capacity	Btu/h	9500	11500	17500	18500
	W	2780	3370	5129	5420
Nominal EER	W/W	3.09	2.82	3.03	3.06
Nominal COP	W/W	3.35	3.30	3.00	3.63
Indoor unit		**FFQN25CXV**	**FFQN35CXV**	**FFQN50CXV**	**FFQN50CXV**
Power Supply	V/Ph/Hz	22050/1/240-	22050/1/240-	22050/1/240-	22050/1/240-
Air Flow	CFM	410330/360/	410330/360/	450340/410/	450340/410/
Sound Pressure Level	dBA	4135/38/	4134/38/	4437/41/	4437/41/
Height [with Panel]	mm	250 [295]	250 [295]	250 [295]	250 [295]
Width [with Panel]	mm	570 [640]	570 [640]	570 [640]	570 [640]
Depth [with Panel]	mm	570 [640]	570 [640]	570 [640]	570 [640]
Net Weight [with Panel]	kg	16 [18]	16 [18]	16 [18]	16 [18]
Outdoor unit		**RYN25CGXV**	**RYN35CGXV**	**RYN50CGXV**	**RYN50CGXY**
Power Supply	V/Ph/Hz	22050/1/240-	22050/1/240-	22050/1/240-	38050/3/415-
Sound Pressure Level	dBA	46	49	52	52
Height	mm	540	540	651	651
Width	mm	700	700	855	855
Depth	mm	250	250	328	328
Net Weight	kg	28	30	47	47
Pipe connection - Liquid	mm	6.35	6.35	6.35	6.35
Pipe connection - Gas	mm	9.52	12.70	12.70	12.70
Piping Length	m	12	12	15	15
Piping Elevation	m	5	5	8	8

Ceiling Cassette E Series

- Optimum air discharge
- Modern & elegant panel
- Superior sound level
- Multi-comfort – 3 Air swing patiern control
- Low height model
- Built-in high head drain pump
- Mount with B(Y)C50EXW decorative panel
- Wireless handset BRC52A61 (H/P) or BRC52A62 (C/O) is supplied as standard

FCQN50125/100/71/60/EXV

RYN5060/CGXV
RQ71CGXV

RQ90100/DGXV
RQ90125/100/DGXY

Specification for Ceiling Cassetie- E Series, 3ti x 3ti Panel - Cooling and Heating

Efficiency Data		**FCQN50 + RYN50**	**FCQN60 + RYN60**	**FCQN71 + RQ71**	**FCQN100 + RQ100**	**FCQN100 + RQ100**	**FCQN125 + RQ125**
Nominal Cooling Capacity	Btu/h	18300	22200	27000	39000	39000	45000
	W	5363	6506	7913	11430	11430	13190
Nominal Heating Capacity	Btu/h	17700	20500	28000	39000	39500	48000
	W	5188	6008	8206	11430	11577	14070
Nominal EER	W/W	3.08	3.36	2.84	2.92	2.98	2.93
Nominal COP	W/W	3.48	3.41	3.53	3.06	3.21	3.43
Indoor unit		**FCQN50EXV**	**FCQN60EXV**	**FCQN71EXV**	**FCQN100EXV**	**FCQN100EXV**	**FCQN125EXV**
Power Supply	V/Ph/Hz	22050/1/240-	22050/1/240-	22050/1/240-	22050/1/240-	22050/1/240-	22050/1/240-
Air Flow	CFM	600400/430/530/	680430/530/600/	860530/620/725/	1030620/740/860/	1030620/740/860/	1200780/930/1030/
Sound Pressure Level	dBA	3428/30/32/	3732/33/34/	4233/35/38/	4736/40/44/	4736/40/44/	4939/43/45/
Height [with Panel]	mm	265 [340]	265 [340]	265 [340]	300 [375]	300 [375]	300 [375]
Width [with Panel]	mm	820 [990]	820 [990]	820 [990]	820 [990]	820 [990]	820 [990]
Depth [with Panel]	mm	820 [990]	820 [990]	820 [990]	820 [990]	820 [990]	820 [990]
Net Weight [with Panel]	kg	26 [30]	28 [32]	31 [35]	39 [43]	39 [43]	41 [45]
Outdoor unit		**RYN50CGXV**	**RYN60CGXV**	**RQ71CGXV**	**RQ100DGXY**	**RQ100DGXY**	**RQ125DGXY**
Power Supply	V/Ph/Hz	22050/1/240-	22050/1/240-	22050/1/240-	22050/1/240-	38050/3/415-	38050/3/415-
Sound Pressure Level	dBA	52	52	58	58	58	60
Height	mm	651	753	753	852	852	852
Width	mm	855	855	855	1030	1030	1030
Depth	mm	328	328	328	400	400	400
Net Weight	kg	47	50	57	95	95	98
Pipe connection - Liquid	mm	6.35	6.35	9.52	9.52	9.52	9.52
Pipe connection - Gas	mm	12.70	15.88	15.88	15.88	15.88	15.88
Piping Length	m	15	15	15	45	45	45
Piping Elevation	m	8	8	8	25	25	25

Ceiling Covertible E Series

- Ceiling and Floor Installation Option
- Automatic Air Swing
- Flexible Installation
- Auto Random Restart with Last-State-Memory
- Betier Serviceability
- Wireless handset BRC52A61 (H/P) is supplied as standard

FLQN3571/60/50/EXV

FLQN/100125/EXV

FHQN140CXV

RYN35CXV

RYN5060/CGXV RQ71CGXV
RYN5060/CGXY RQ71CGXY

RQ/100DGXV
RQ/100140/125/DGXY

Efficiency Data		FLQN71 + RQ71	FLQN100 + RQ100	FLQN100 + RQ100	FLQN125 + RQ125	FHQN140 + RQ140
Nominal Cooling Capacity	Btu/h	26000	38000	38900	45000	55000
	W	7620	11100	11400	13190	16119
Nominal Heating Capacity	Btu/h	26500	40000	42000	48000	55000
	W	7770	11700	12200	14070	16119
Nominal EER	W/W	2.81	2.76	2.89	2.92	2.51
Nominal COP	W/W	3.27	3.16	3.37	3.35	2.54
Indoor unit		**FLQN71EXV**	**FLQN100EXV**	**FLQN100EXV**	**FLQN125EXV**	**FHQN140CXV**
Power Supply	V/Ph/Hz	22050/1/240-	22050/1/240-	22050/1/240-	22050/1/240-	22050/1/240-
Air Flow	CFM	640460/560/	1100877/983/	1100877/983/	1215959/1082/	15501000/1320/
Sound Pressure Level	dBA	5644/51/	5246/47/	5246/47/	5249/50/	5646/53/
Height	mm	218	260	260	260	285
Width	mm	1080	1538	1538	1786	1903
Depth	mm	630	634	634	634	680
Net Weight	kg	24	45	45	58	70
Outdoor unit		**RQ71CGXY**	**RQ100DGXV**	**RQ100DGXY**	**RQ125DGXY**	**RQ140DGXY**
Power Supply	V/Ph/Hz	38050/3/415-	22050/1/240-	38050/3/415-	38050/3/415-	38050/3/415-
Sound Pressure Level	dBA	58	58	58	60	65
Height	mm	753	852	852	852	852
Width	mm	855	1030	1030	1030	1030
Depth	mm	328	400	400	400	400
Net Weight	kg	57	95	95	98	105
Pipe connection - Liquid	mm	9.52	9.52	9.52	9.52	9.52
Pipe connection - Gas	mm	15.88	15.88	15.88	15.88	19.05
Piping Length	m	15	45	45	45	35
Piping Elevation	m	8	25	25	25	15

FVQN-A + RQ-C/D(G)

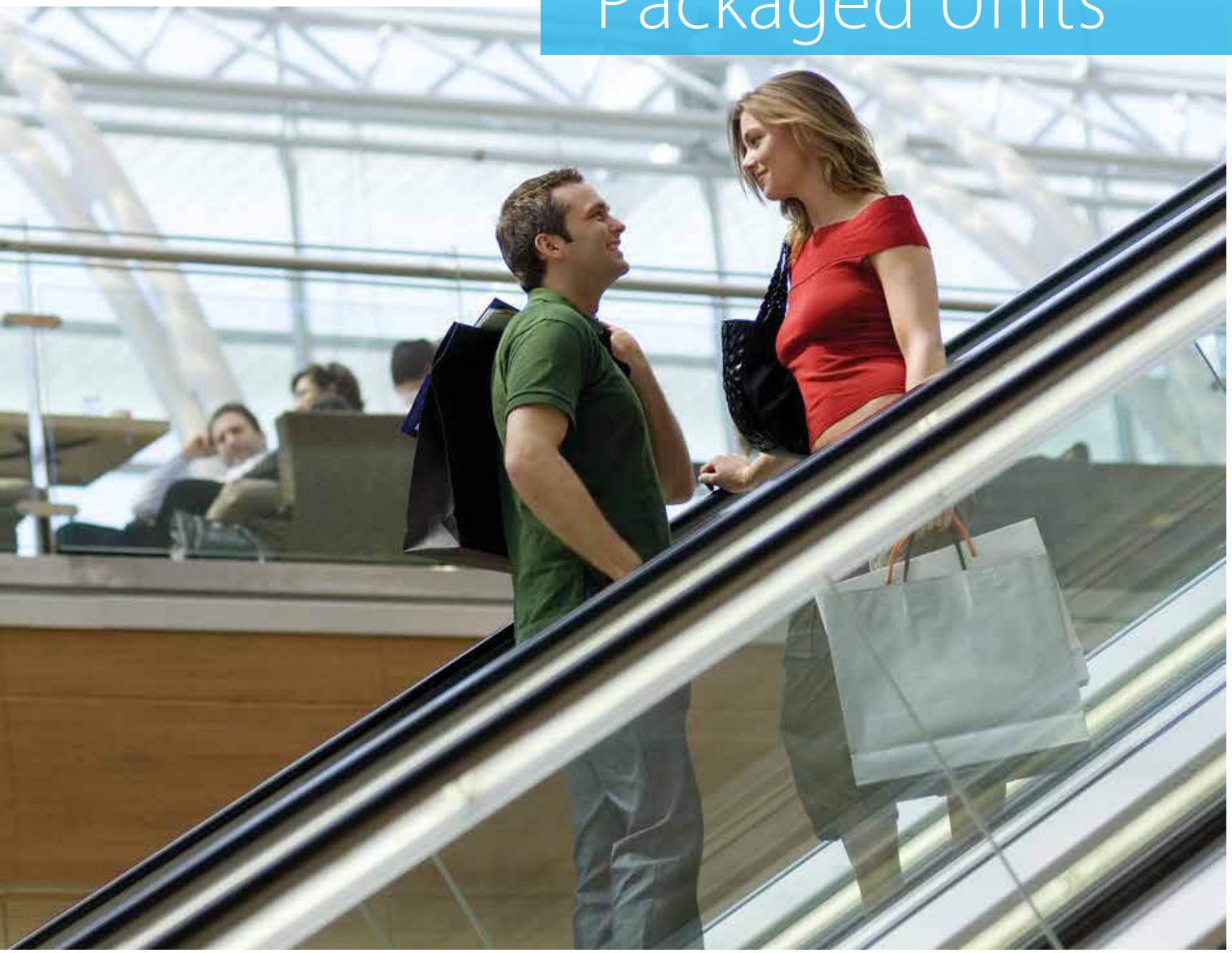
Floor Standing A Series

- Stylish profile with classy control panel
- Dual control, setings by pressing control panel or wireless handset
- Long air throw of up to 25m (size 140)
- Keylock function
- Wireless handset BRC52A61 (H/P) or BRC52A62 (C/O) is supplied as standard

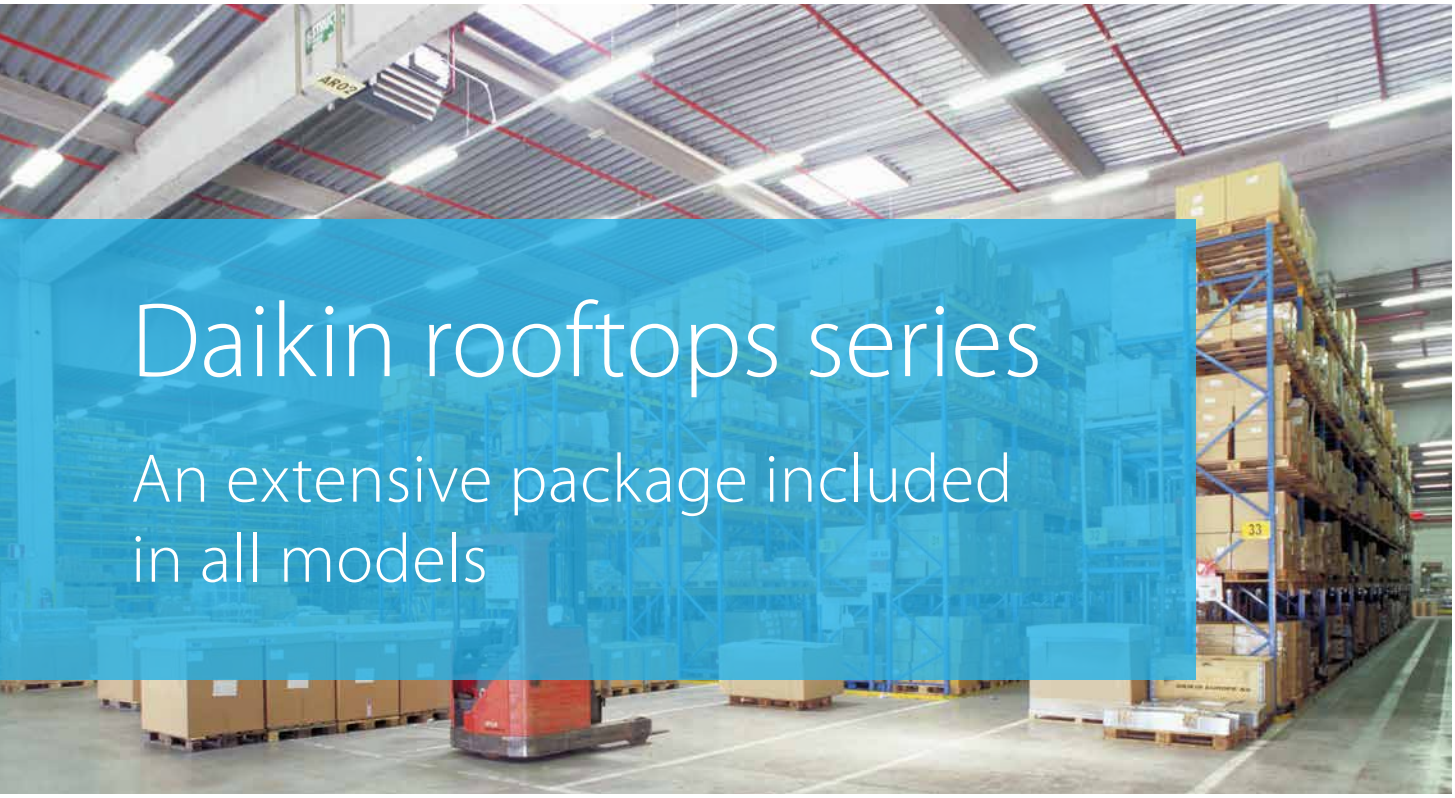
Specification for Floor Standing, Cooling and Heating

Efficiency Data		**FVQN71 + RQ71**	**FVQN100 + RQ100**	**FVQN125 + RQ125**	**FVQN140 + RQ140**
Nominal Cooling Capacity	Btu/h	28000	40000	45000	55000
	kW	8.21	11.72	13.19	16.12
Nominal EER	W/W	2.89	2.89	2.82	2.94
Nominal Heating Capacity	Btu/h	27500	42000	46000	54500
	kW	8.06	12.31	13.48	16.00
Nominal COP	W/W	3.20	3.14	3.02	3.01
Indoor Model Name		**FVQN71 XV**	**FVQN100AXV**	**FVQN125AXV**	**FVQN140AXV**
Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Air Flow	cfm	675/625/530	1035/945/845	1035/935/835	1170/1085/985
Sound Pressure Level	dBA	44/42/39	49/47/44	50/48/46	54/53/51
Height	mm	1850	1850	1850	1850
Width	mm	600	600	600	600
Depth	mm	270	350	350	350
Net Weight	kg	42	45	48	51
Outdoor Model Name		**RQ71CGXV**	**RQ100DGXY**	**RQ125DGXY**	**RQ140DGXY**
Power Supply	V/Ph/Hz	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Sound Pressure Level	dBA	58	58	60	65
Height	mm	753	852	852	852
Width	mm	855	1030	1030	1030
Depth	mm	328	400	400	400
Net Weight	kg	57	95	98	105
Pipe Connec on- Liquid	mm	9.52	9.52	9.52	9.52
Pipe Connection- Gas	mm	15.88	15.88	15.88	19.05
Max. Allowable Length		45	45	45	40
Max. Allowable Elevation		25	25	25	20

Rooftops and Packaged Units



› Easy to install 'plug and play' concept plus single installation configuration; no additional piping is required since indoor and outdoor sides are pre-connected
› Factory pre-charged refrigerant ensures clean and efficient operation
› Belt driven fan enables air volume and static pressure to be adjusted as required.
› High efficiency and reliable scroll compressor



Daikin rooftops series

An extensive package included in all models

TÜV NORD

ErP compliant 2018

3 years warranty

1 Standard integrated high efficiency EC plug fans

› Static pressure up to 300Pa
› Inverter controlled
› Maintenance free

2 Standard flexible air delivery

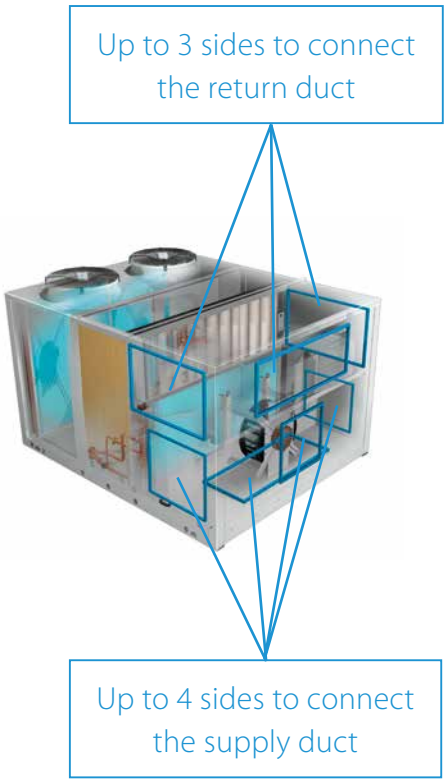
› Up to 4 possible sides can be selected on site (front, left, right, bottom)

3 Latest pCO^5 controller

› Direct integration into Daikin intelligent Touch Manager BMS (via optional BACnet protocol)
› Easy integration in 3rd party BMS systems
  › Standard Modbus protocol
  › Optional BACnet protocol

4 Standard clogged filter alarm

› Indicates when a filter requires cleaning
› Improved indoor air quality and efficiency



5 Hydrophilic coated aluminium fins on indoor and outdoor side

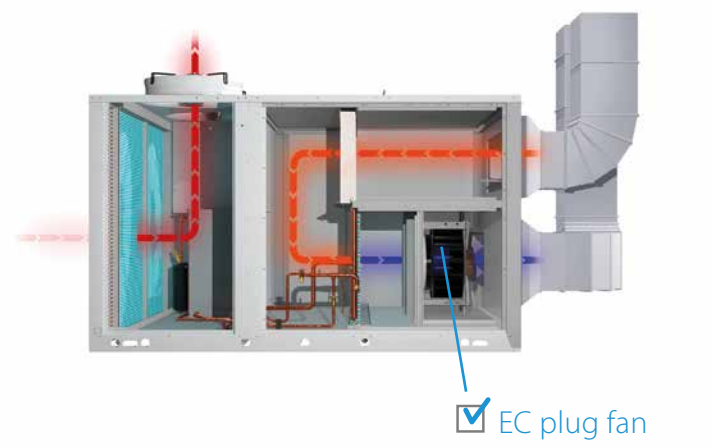
UATYQ-ABAY1

High installation flexibility and easy servicing

› Easy to install 'plug and play' concept plus single installation configuration; no additional piping is required since indoor and outdoor sides are pre-connected

› High efficiency and reliable scroll compressor

› Factory pre-charged refrigerant ensures clean and efficient operation



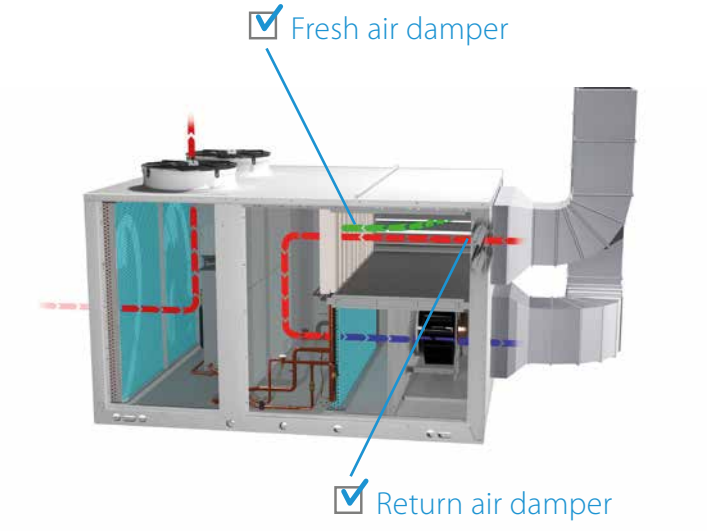
Cooling operation example

2 damper version, with integrated fresh air

› Free cooling with 100% fresh air possible
  › Improved air quality
  › Energy saving using fresh outdoor air to cool the building

› Standard CO_2 sensor connection
  › Ideal balance between efficiency and indoor air quality

› Includes all Base model features

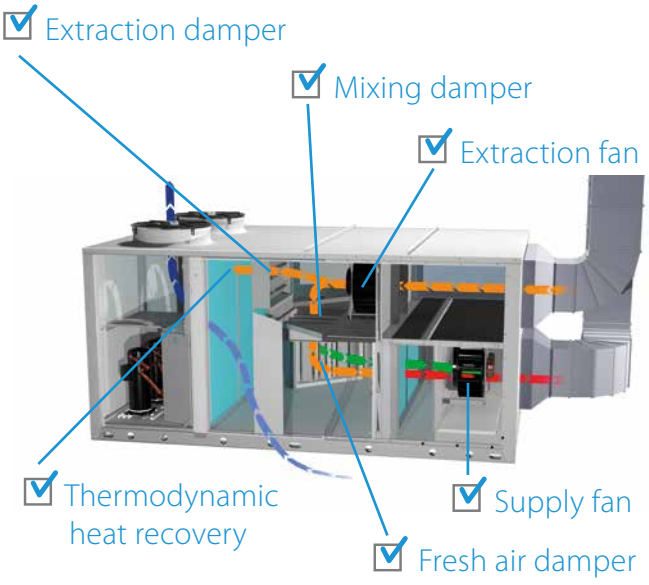


Cooling operation example

3 damper version, with integrated fresh air and extraction

› Extraction damper integrated
  › Eliminates excessive overpressure in the building
  › UATYQ45-115AFC3Y1 models include high efficient extraction fan for optimum air circulation in larger buildings

› Thermo dynamic heat recovery
  › Saves energy by recovering waste heat through the outdoor heat exchanger
  › Available on UATYQ20-55AFC3Y1



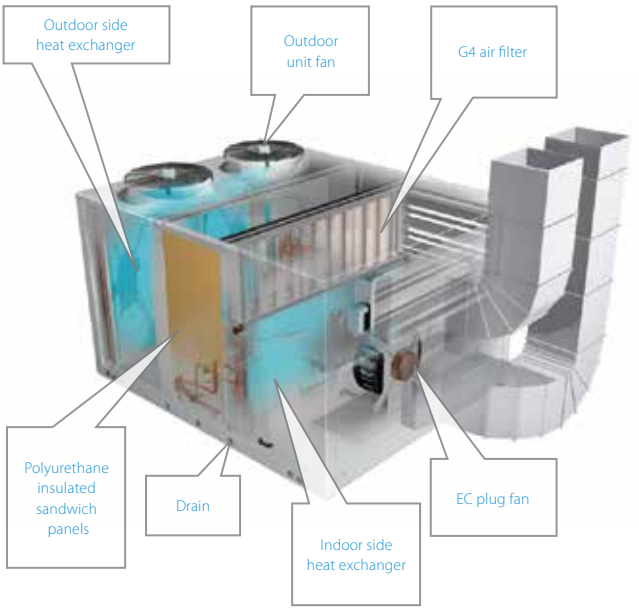
Heating operation example

UATYQ-ABAY1

Flexible and Easily Serviceable Rooftop Unit

- Plug and play for easy installation
- High efficiency
- Field convertible return and supply air
- Direct integration with Daikin or third-party BMS
- Factory pre-charged refrigerant

UATYQ-ABAY1



UATYQ20ABAY1

UATYQ25-30ABAY1

UATYQ45-55ABAY1

UATYQ65-75ABAY1

UATYQ90-115ABAY1

					UATYQ-ABAY1	20	25	30	45	50	55	65	75	90	100	115
Cooling capacity	Nom.			kW		19.5	28.0	30.4	44.1	49.2	51.6	63.5	73.9	90.3	101.6	106.8
Heating capacity	Nom.			kW		17.9	27.0	31.3	46.1	51.9	56.3	63.8	76.6	93.3	104.5	114.2
Space cooling	Capacity	Pdesign		kW		19.5	28.0	30.4	44.1	49.2	51.6	63.5	73.9	90.3	101.6	106.8
	ηs,c			%		135.0	143.5	127.5	119.5	134.1	129.0	130.4	124.6	118.2	137.9	127.0
Space heating	Capacity	Pdesign		kW		17.9	27.0	31.3	46.1	51.9	56.3	63.8	76.6	93.3	104.5	114.2
(Average climate)	ηs,h			%		115.4	129.0	119.5	115.4	125.2	124.8	121.0	118.2	116.0	125.3	124.3
Power input	Cooling	Nom.		kW		6.6	10.0	12.0	17.0	19.7	22.5	23.6	29.7	33.8	39.0	44.3
	Heating	Nom.		kW		5.8	8.0	9.6	14.6	16.3	18.1	20.0	25.1	29.9	33.2	37.3
EER						2.94	2.79	2.54	2.60	2.50	2.29	2.69	2.49	2.67	2.60	2.41
COP						3.07	3.38	3.26	3.15	3.19	3.11	3.20	3.05	3.12	3.15	3.06
Evaporator	Supply side	Fan	Air flow rate	m^3/h		4,950	7,260	8,250	11,000	12,100	13,200	15,400	17,600	20,900	23,650	25,300
			Nom. external static pressure	Pa		300										
		Air discharge direction				Frontal, Left			Frontal, Left, Right, Bottom			Left, Right, Bottom				
	Return side	Air intake direction				Rear			Rear, Right, Left			Rear				
Condensor	Air flow rate	Cooling		m^3/h		11,500	12,000		19,000			33,200		44,000		
Condensor	Refrigerant	Type / GWP				R410-A / 2,087.5										
Condensor		Charge		TCO2Eq / kg		15.7 / 7.5	27.1 / 13.0		35.5 / 17.0			31.3 / 15.0		41.8 / 20.0	43.8 / 21.0	48.0 / 23.0
Dimensions	Unit	Height x Width x Depth		mm		1,576x1,828x1,762	2,126x1,828x1,762		1,799x2,712x2,263			1,799x3,760x2,252		2,180x4,059x2,252		
Weight	Unit			kg		672	780		1,068	1,221	1,247	1,553	1,581	1,738	1,742	1,794
Casing	Colour					RAL 7035										
Sound pressure level	Cooling			dBA		60			61	63		64		65		
Sound power level	Cooling			dBA		77	78		79	81		83		85		
Operation range	Cooling	Min. ~ Max.		°CDB		0 ~ 47										
	Heating	Min. ~ Max.		°CWB		-12.1 ~ 19.5										
Power supply	Voltage / Phase / Frequency			V / Hz		400/3+N/50 ±5%								400/3/50 ±5%		
Current	Recommended fuses			A		25	32	40	50	63		80	100		125	

Rooftop

- Easy to install 'plug and play' concept plus single installation configuration; no additional piping is required since indoor and outdoor sides are pre-connected
- High efficiency and reliable scroll compressor
- Wide operating range
- Flat top unit design allows maximum use of warehouse and container space
- Free cooling and fresh air intake possible with optional economiser
- Convertible return and supply air: fan can be mounted in two directions
- Factory pre-charged refrigerant ensures clean and efficient operation
- Belt driven fan enables air volume and static pressure to be adjusted as required.
- Adjustable fan pulley as standard to meet a wide range of supply air volumes and external static pressures
- Anti-corrosion treated coil

UATYQ-CY1

Remote control

Indoor unit				UATYQ	250CY1	350CY1	450CY1	550CY1	600CY1	700CY1	900CY1
Cooling capacity	Nom.			kW	27.340	35.580	44.720	55.690	66.820	72.600	90.0
Heating capacity	Nom.			kW	24.910	34.790	41.790	53.930	61.690	69.610	87.9
Power input	Cooling	Nom.		kW	8.140	10.780	13.040	16.740	19.650	21.610	28.5
	Heating	Nom.		kW	7.330	10.840	12.860	15.540	18.580	21.420	27.9
EER					3.36	3.30	3.43	3.33	3.40	3.36	3.16
COP					3.40	3.21	3.25	3.47	3.32	3.25	3.15
Evaporator	Air flow rate	Cooling		m^3/min	93.6	121.8	160.2	189.6	206.7	235.02	271.86
	External static pressure			Pa		147			206		206
Evaporator piping connections	Condensation drain size	OD		mm				25.4			
Condenser	Dimensions	Unit	Height	mm	1,150	1,028	1,130	1,048	1,302	1,454	1,454
			Width	mm	1,638			2,209			
			Depth	mm	2,063	2,113			2,670		
	Weight	Unit		kg	445	580	610	830	880	1,020	1,020
	Casing	Colour						Light grey			
	Air flow rate	Cooling		cfm	8,230	12,000	12,100	12,900	20,200	21,200	
	Operation range	Cooling	Min.~Max.	°CDB				0~52			
		Heating	Min.~Max.	°CWB				-15~18			
	Sound pressure level	Nom.		dBA	68	64	65	68	70		70
	Sound power level	Nom.		dBA	82	83		87	90		90
	Refrigerant	Type						R-410A			
		GWP						2,087.5			
		Charge		TCO_2eq	12.7	12.1	15	18.2	21.7	24.2	
				kg	6.1	5.8	7.2	8.7	10.4	11.6	
Power supply	Phase/Frequency/Voltage			Hz/V				3~/50/380-415			

(1) All units are being tested and comply to ISO5151. (2) Sound pressure levels are measured according to JIS B 8616 standard (3) All performance calculations are strictly according to Eurovent standard

Economiser option

Indoor unit				ECONO	250AY1	350AY1	450AY1	550AY1	600AY1	700AY1	900AY1
Dimensions	Packed unit	Height		mm				534			
		Width		mm	1,440	1,430			1,458		1,460
		Depth		mm	1,144	1,124			1,564		1,682
Weight	Unit			kg	51	42	43	53	54	69	78
Packing	Weight			kg	152	140	141	165	166	181	190
Fan	Air flow rate	Cooling	Nom.	l/s	1,560	2,030	2,670	3,160	3,445	3,917	4,533
				cfm	3,300	4,300	5,650	6,700	7,300	8,300	9,604.5
Power supply	Voltage			V				24 DC			
Option for					UATYQ250CY1	UATYQ350CY1	UATYQ450CY1	UATYQ550CY1	UATYQ600CY1	UATYQ700CY1	UATYQ900CY1
Test Standard								ISO 13253			

Only for sales ouside Europe.

Rooftop

- Easy to install 'plug and play' concept plus single installation configuration; no additional piping is required since indoor and outdoor sides are pre-connected
- Factory pre-charged refrigerant ensures clean and efficient operation
- Belt driven fan enables air volume and static pressure to be adjusted as required.
- Flat top unit design allows maximum use of warehouse and container space
- High efficiency and reliable scroll compressor
- Anti-corrosion treated coil

UATYP-AY1(B)

Remote control

Indoor unit					UATYP	10AY1	12AY1
Cooling capacity	Nom.				kW	101.110	109.609
Heating capacity	Nom.				kW	102.290	126.314
Power input	Cooling	Nom.			kW	43.170	48.200
	Heating	Nom.			kW	41.670	46.800
EER						2.34	2.27
COP						2.45	2.70
Evaporator	Air flow rate	Cooling			m^3/min	312	354
	External static pressure				Pa		
Evaporator piping connections	Condensation drain size	OD			mm		
Condenser	Dimensions	Unit	Height		mm	1,974	
			Width		mm	2,252	
			Depth		mm	3,180	
	Weight	Unit			kg	1,510	1,600
	Casing	Colour					
		Material				Electro-galvanised mild steel	
	Air flow rate	Cooling			cfm	20,000	
	Operation range	Cooling	Min.~Max.		°CDB		
		Heating	Min.~Max.		°CWB		
	Sound power level	Nom.			dBA		
	Refrigerant	Type					
		GWP					
		Charge			TCO_2eq	23.9	35.5
					kg	13.5 / 20.0	20.0
Power supply	Phase/Frequency/Voltage				Hz/V	3~/50/380-415	

(1) All units are being tested and comply to ISO5151. (2) Sound pressure levels are according to JIS B 8615 standard. Position of the measurement is 1m in front and 1m below the unit. (3) Designation based on cooling cycle.

Only for sales ouside Europe.

FDYP-RCYP

Ducted Split E Series

- Wide range of product
- Modular combination of single indoor unit to multiple outdoor units
- Partial loading features for units with more than 2 outdoor units
- Convertible air discharge
- Changeable drive package (field supplied) for belt driven models
- Single condenser system: Wired handset BRC51B63 (H/P) is supplied as standard
- Multi condenser system: Wired handset BRC51C61 (H/P & C/O) is supplied as standard

Specification for Ducted Split - E Series - Cooling and Heating

Efficiency Data		**FDYP125 + RCYP125**	**FDYP150 + RCYP150**	**FDYP150 + RCYP75**	**FDYP200 + RCYP100**	**FDYP250 + RCYP125**	**FDYP300 + RCYP150**
Nominal Cooling Capacity	Btu/h	108000	145000	146000	182000	216000	290000
	W	31650	42500	42790	53340	63310	84990
Nominal Heating Capacity	Btu/h	124000	150000	162000	218000	248000	300000
	W	36340	43960	47480	63890	72680	87920
Nominal EER	W/W	2.61	2.79	2.75	2.30	2.50	2.72
Nominal COP	W/W	3.27	3.13	2.97	2.98	3.13	3.05
Indoor unit		**FDYP125EXY**	**FDYP150EXY**	**2FDYP150EXY**	**2FDYP200EXY**	**2FGYP250EXY**	**2FGYP300EXY**
Power Supply	V/Ph/Hz	38050/3/415-	38050/3/415-	38050/3/415-	38050/3/415-	38050/3/415-	38050/3/415-
Air Flow	CFM	3750	4500	4500	6400	8000	9000
External Static Pressure	Pa	150	150	150	150	200	200
Sound Pressure Level	dBA	58	59	59	61	63	66
Height	mm	710	710	710	885	1231	1231
Width	mm	1694	1973	1973	1794	1766	1766
Depth	mm	775	775	775	850	1069	1069
Net Weight	kg	155	175	175	220	343	343
Outdoor unit		**RCYP125EGXY**	**RCYP150EGXY**	**RCYP75EGXY x 2**	**RCYP100EGXY x 2**	**RCYP125EGXY x 2**	**RCYP150EGXY x 2**
Power Supply	V/Ph/Hz	38050/3/415-	38050/3/415-	38050/3/415-	38050/3/415-	38050/3/415-	38050/3/415-
Sound Pressure Level	dBA	66	67	64	64	66	67
Height	mm	1041	1142	1041	1041	1041	1142
Width	mm	1083	1083	981	981	1083	1083
Depth	mm	1083	1083	981	981	1083	1083
Net Weight	kg	197	268	170	184	197	268
Pipe connection - Liquid	mm	15.88	15.88	12.70	15.88	15.88	15.88
Pipe connection - Gas	mm	34.92	34.92	25.40	28.58	34.92	34.92
Maximum Allowable Length	m	40	40	40	40	45	40
Maximum Allowable Elevation	m	20	20	20	20	25	20

Efficiency Data		**FDYP300 + RCYP100**	**FDYP350 + RCYP100**	**FDYP400 + RCYP100**	**FDYP450 + RCYP150**	**FDYP500 + RCYP125**	**FDYP600 + RCYP150**
Nominal Cooling Capacity	Btu/h	273000	307000	364000	432000	435000	580000
	W	80010	89980	106680	126610	127490	169990
Nominal Heating Capacity	Btu/h	327000	357000	436000	450000	496000	600000
	W	95840	104630	127780	131890	145370	175850
Nominal EER	W/W	2.28	2.41	2.30	2.70	2.49	2.69
Nominal COP	W/W	2.95	3.04	2.98	3.05	3.09	3.01
Indoor unit		**3FGYP300EXY**	**3FGYP350EXY**	**4FGYP400EXY**	**3FGYP450EXY**	**4FGYP500EXY**	**4FGYP600EXY**
Power Supply	V/Ph/Hz	38050/3/415-	38050/3/415-	38050/3/415-	38050/3/415-	38050/3/415-	38050/3/415-
Air Flow	CFM	9000	10500	12000	13500	15000	18000
External Static Pressure	Pa	200	200	200	250	250	300
Sound Pressure Level	dBA	66	66	66	68	68	70
Height	mm	1231	1486	1486	1486	1486	1918
Width	mm	1766	2022	2174	2174	2174	2174
Depth	mm	1069	1069	1336	1336	1336	1775
Net Weight	kg	343	440	513	564	606	991
Outdoor unit		**RCYP100EGXY x 3**	**RCYP100EGXY + [RCYP125EGXY] x 2**	**RCYP100EGXY x 4**	**RCYP150EGXY x 3**	**RCYP125EGXY1 x 4**	**RCYP150EGXY x 4**
Power Supply	V/Ph/Hz	38050/3/415-	38050/3/415-	38050/3/415-	38050/3/415-	38050/3/415-	38050/3/415-
Sound Pressure Level	dBA	64	64 / [66]	64	67	66	67
Height	mm	1041	1041 / [1041]	1041	1142	1041	1142
Width	mm	981	981 / [1083]	981	1083	1083	1083
Depth	mm	981	981 / [1083]	981	1083	1083	1083
Net Weight	kg	184	184 / [197]	184	268	197	268
Pipe connection - Liquid	mm	15.88	15.88	15.88	15.88	15.88	15.88
Pipe connection - Gas	mm	28.58	28.58 / [34.92]	28.58	34.92	34.92	34.92
Maximum Allowable Length	m	40	40	40	40	40	40
Maximum Allowable Elevation	m	20	20	20	20	20	20

Welcome the next generation of VRV

Lower CO_2 equivalent and market-leading flexibility

BLUEVOLUTION

Variable Refrigerant Temperature

Top sustainability

- ☑ Reduced CO_2 equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- ☑ Top sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency

CO_2

ErP 2021 COMPLIANT

Already fully compliant to LOT 21 - Tier 2

Market-leading serviceability and handling

- ☑ Low-height single fan range
- ☑ Easy to transport thanks to lightweight and compact design
- ☑ Wide access area to easily reach all key components

Market-leading flexibility

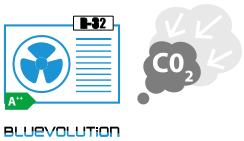
- ☑ Offering like-for-like R-410A flexibility
- ☑ Specially designed indoor units for R32, ensuring low sound and maximum efficiency
- ☑ New 10 class indoor unit

VRV

VRV, setting the standard

9 reasons why VRV is unique in the market

1 Leader in sustainability



NEW › VRV 5: Completely new and dedicated R-32 mini VRV design
- Less refrigerant charge
- Higher efficiency
- Lower CO_2 equivalent

NEW › A unique circular economy of refrigerants with Certified Reclaimed Refrigerant Allocation
- Saves over 150,000 kgs of virgin refrigerant being produced every year
- Available on mini VRV and VRV heat recovery systems

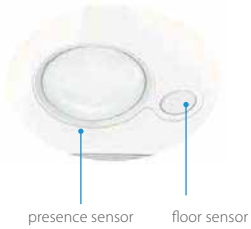
2 Efficiency

› Variable Refrigerant Temperature for high seasonal efficiency
› Round flow cassette and concealed ceiling units with auto cleaning filter
› The best partner for your BREEAM, LEED or Well project

BREEAM® ErP 2021 COMPLIANT

3 Comfort

› Variable Refrigerant Temperature preventing cold draughts in cooling thanks to high outblow temperatures
› True continuous heating during defrost
› Presence and floor sensors direct the air flow away from persons, while ensuring an even temperature distribution
› Auto cleaning filters to ensure optimum air quality



4 Reliability

› Refrigerant cooled PCB
› Most extensive testing before new units leave the factory
› Widest sales network with all spare parts available in Europe
› Preventive maintenance via Daikin Cloud Service
› Auto cleaning filters to further enhance reliability thanks to clean air-filters
› True technical cooling

5 Design

› Widest ever range of cassette panels
  • Available in **white and black**
  • Sleek **designer panel** range
› Daikin Emura, unique iconic design
› Fully flat cassette, fully integrated in the ceiling

6 Controls

reddot award 2018 winner

DESIGN AWARD 2018

› Madoka: a sleek wired remote controller with intuitive touch button control
› Intelligent Touch manager: A cost-effective mini BMS integrating all Daikin products
› Easy integration in third party BMS via BACnet, LonWorks, Modbus, KNX
› Dedicated control solutions for applications such as technical cooling, shops, hotels, ...
› Daikin Cloud Service for online control, energy monitoring, comparison of multiple sites and predictive maintenance

DAIKIN CLOUD SERVICE

7 Installation

7-segment display

› Automatic refrigerant charge and refrigerant containment check
› 4-way blow ceiling suspended cassette (FXUQ)
› Plug & play Daikin Air Handling Unit
› VRV configurator software for the fastest commissioning, configuration and customisation
› Outdoor unit display for quick on-site settings and detailed error readouts for improved customer support

8 Inventor

VRV

Variable Refrigerant Temperature

› Market leader of VRV systems since 1982
› Over 90 years of expertise in heat pump technology
› Designed for and produced in Europe
› Innovator setting the market standard with technologies such as Variable Refrigerant Temperature, continuous heating, ...

9 For every application a solution

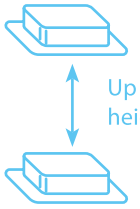
VRV IV+

› Heat recovery for simultaneous cooling and heating
› Maximum flexibility for geothermal applications with water-cooled systems
› Hot and cold climate solutions offering efficient cooling up to 52°C and heating down to -25°C
› Space saving mini VRV solutions, offering the most compact VRV
› The invisible VRV, a unique solution when the outdoor unit must be compact and completely invisible
› Replacement solutions to replace existing systems in the most cost-effective way

VRV IV+ heat pump

Daikin's optimum solution with top comfort

- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains
- Wide range of indoor units: possibility to combine VRV with stylish indoor units (Daikin Emura, Nexura, ...)
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, continuous heating, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor
- Outdoor unit display for quick on-site settings and easy read out of errors together with the indication of service parameters for checking basic functions.
- Free combination of outdoor units to meet installation space or efficiency requirements
- Available as heating only by irreversible field setting
- Contains all standard VRV features



ErP 2021 COMPLIANT

Already fully compliant
to LOT 21 - Tier 2

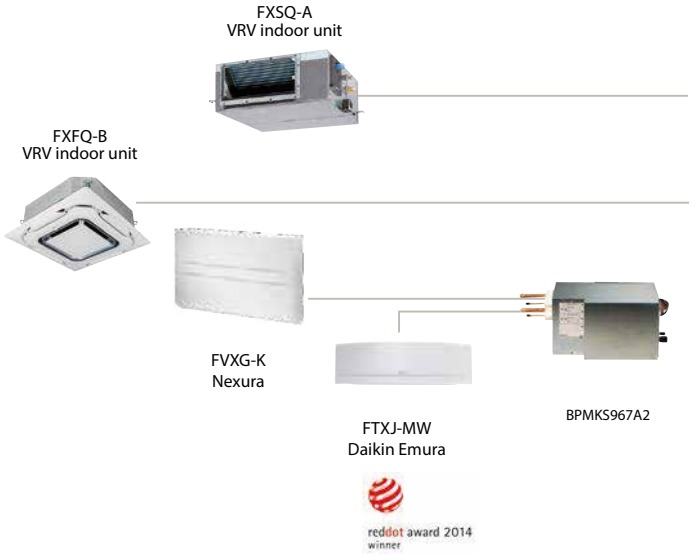
Published data with real-life indoor units

Access all technical information on RYYQ-U at my.daikin.eu or click here

Access all technical information on RXYQ-U at my.daikin.eu or click here

Outdoor unit				RYYQ/RXYQ	8U	10U	12U	14U	16U	18U	20U
Capacity range				HP	8	10	12	14	16	18	20
Cooling capacity	Prated,c			kW	22.4	28.0	33.5	40.0	45.0	50.4	52.0
Heating capacity	Prated,h			kW	13.7	16.0	18.4	20.6	23.2	27.9	31.0
	Max.	6°CWB		kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Recommended combination					4 x FXFQ50AVEB	4 x FXFQ63AVEB	6 x FXFQ50AVEB	1 x FXFQ50AVEB + 5 x FXFQ63AVEB	4 x FXFQ63AVEB + 2 x FXFQ80AVEB	3 x FXFQ50AVEB + 5 x FXFQ63AVEB	2 x FXFQ50AVEB + 6 x FXFQ63AVEB
ηs,c				%	302.4	267.6	247.8	250.7	236.5	238.3	233.7
ηs,h				%	167.9	168.2	161.4	155.4	157.8	163.1	156.6
SEER					7.6	6.8	6.3		6.0		5.9
SCOP					4.3		4.1	4.0		4.2	4.0
Maximum number of connectable indoor units					64 (1)						
Indoor index connection	Min.				100.0	125.0	150.0	175.0	200.0	225.0	250.0
	Nom.				-						
	Max.				260.0	325.0	390.0	455.0	520.0	585.0	650.0
Dimensions	Unit	HeightxWidthxDepth		mm	1,685x930x765			1,685x1,240x765			
Weight	Unit			kg	252 (RYYQ) / 198 (RXYQ)			319 (RYYQ) / 275 (RXYQ)		378 (RYYQ) / 308 (RXYQ)	
Sound power level	Cooling	Nom.		dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9
Sound pressure level	Cooling	Nom.		dBA	57.0		61.0	60.0	63.0	62.0	65.0
Operation range	Cooling	Min.~Max.		°CDB	-5.0~43.0						
	Heating	Min.~Max.		°CWB	-20.0~15.5						
Refrigerant	Type/GWP				R-410A/2,087.5						
	Charge			kg/TCO2Eq	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	10.4/21.7	11.7/24.4	11.8/24.6
Piping connections	Liquid	OD		mm	9.52			12.7		15.9	
	Gas	OD		mm	19.1	22.2		28.6			
	Total piping length	System	Actual	m	1,000						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32		40		50

Outdoor unit System				RYYQ/RXYQ	22U	24U	26U	28U	30U	32U	34U	36U	38U
System	Outdoor unit module 1				10	8		12			16		8
	Outdoor unit module 2				12	16	14	16	18	16	18	20	10
	Outdoor unit module 3				-								20
Capacity range				HP	22	24	26	28	30	32	34	36	38
Cooling capacity	Prated,c			kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	97.0	102.4
Heating capacity	Prated,h			kW	34.4	36.9	39.0	41.6	46.3	46.4	51.1	54.2	60.7
	Max.	6°CWB		kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.5
Recommended combination					6 x FXFQ50AVEB + 4 x FXFQ63AVEB	4 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	7 x FXFQ50AVEB + 5 x FXFQ63AVEB	6 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	9 x FXFQ50AVEB + 5 x FXFQ63AVEB	8 x FXFQ63AVEB + 4 x FXFQ80AVEB	3 x FXFQ50AVEB + 9 x FXFQ63AVEB + 2 x FXFQ80AVEB	2 x FXFQ50AVEB + 10 x FXFQ63AVEB + 2 x FXFQ80AVEB	6 x FXFQ50AVEB + 10 x FXFQ63AVEB
ηs,c				%	274.5	269.9	264.2	257.8	256.8	251.7	253.3	250.8	272.4
ηs,h				%	171.2	167.0	164.6	166.0	169.8	163.1	166.2	162.4	167.5
SEER					6.9	6.8	6.7	6.5		6.4		6.3	6.9
SCOP					4.4	4.3	4.2		4.3	4.2		4.1	4.3
Maximum number of connectable indoor units					64 (1)								
Indoor index connection	Min.				275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0
	Nom.				-								
	Max.				715.0	780.0	845.0	910.0	975.0	1,040.0	1,105.0	1,170.0	1,235.0
Piping connections	Liquid	OD		mm	15.9		19.1						
	Gas	OD		mm	28.6	34.9						41.3	
	Total piping length	System	Actual	m	1,000								
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415								
Current - 50Hz	Maximum fuse amps (MFA)			A	63				80				100



RYYQ8-12U/RXYQ8-12U

Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS
Daikin Emura - Wall mounted unit	FTXJ-MW/MS	●	●	●		●
Stylish - Wall mounted unit	FTXA-A	●	●	●	●	●
Nexura - Floor standing unit	FVXG-K		●	●		●
Floor standing unit	FVXM-F		●	●		●

BPMKS box needed to connect RA indoors to VRV IV

Outdoor unit System			**RYYQ/RXYQ**	**40U**	**42U**	**44U**	**46U**	**48U**	**50U**	**52U**	**54U**
System	Outdoor unit module 1			10		12	14		16		18
	Outdoor unit module 2			12	16					18	
	Outdoor unit module 3			18	16				18		
Capacity range			HP	40	42	44	46	48	50	52	54
Cooling capacity	Prated,c		kW	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2
Heating capacity	Prated,h		kW	62.3	62.4	64.8	67.0	69.6	74.3	79.0	83.7
	Max.	6°CWB	kW	125.5	131.5	137.5	145.0	150.0	156.5	163.0	169.5
Recommended combination				9 x FXFQ50AVEB + 9 x FXFQ63AVEB	12 x FXFQ63AVEB + 4 x FXFQ80AVEB	6 x FXFQ50AVEB + 8 x FXFQ63AVEB + 4 x FXFQ80AVEB	1 x FXFQ50AVEB + 13 x FXFQ63AVEB + 4 x FXFQ80AVEB	12 x FXFQ63AVEB + 6 x FXFQ80AVEB	3 x FXFQ50AVEB + 13 x FXFQ63AVEB + 4 x FXFQ80AVEB	6 x FXFQ50AVEB + 14 x FXFQ63AVEB + 2 x FXFQ80AVEB	9 x FXFQ50AVEB + 15 x FXFQ63AVEB
ηs,c			%	263.5	261.2	255.9	254.9	251.7	252.8	253.7	254.1
ηs,h			%	170.0	165.5	164.5	162.0	162.8	165.2	167.2	169.4
SEER				6.7	6.6	6.5			6.4		
SCOP				4.3	4.2		4.1		4.2	4.3	
Maximum number of connectable indoor units				64 (1)							
Indoor index connection	Min.			500.0	525.0	550.0	575.0	600.0	625.0	650.0	675.0
	Nom.			-							
	Max.			1,300.0	1,365.0	1,430.0	1,495.0	1,560.0	1,625.0	1,690.0	1,755.0
Piping connections	Liquid	OD	mm	19.1							
	Gas	OD	mm	41.3							
	Total piping length	System Actual	m	1,000							
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)		A	100				125			

Outdoor unit module for continuous heating combinations			**RYMQ**	**8U**	**10U**	**12U**	**14U**	**16U**	**18U**	**20U**
Dimensions	Unit	HeightxWidthxDepth	mm	1,685x930x765			1,685x1,240x765			
Weight	Unit		kg	198			275		308	
Fan	External static pressure	Max.	Pa	78						
Sound power level	Cooling	Nom.	dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9
Sound pressure level	Cooling	Nom.	dBA	57.0		61.0	60.0	63.0	62.0	65.0
Operation range	Cooling	Min.~Max.	°CDB	-5.0~43.0						
	Heating	Min.~Max.	°CWB	-20.0~15.5						
Refrigerant	Type/GWP			R-410A/2,087.5						
	Charge		kg/TCO2Eq	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	11.3/23.6	11.7/24.4	11.8/24.6
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32		40		50

(1) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%)

VRV IV+ heat recovery

Best efficiency & comfort solution

- Fully integrated solution with heat recovery for maximum efficiency with COPs of up to 8 !
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains
- „Free" heating and hot water production provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- The perfect personal comfort for guests/tenants via simultaneous cooling and heating
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, continuous heating, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor
- Outdoor unit display for quick on-site settings and easy read out of errors together with the indication of service parameters for checking basic functions.
- Free combination of outdoor units to meet installation space or efficiency requirements
- Wide piping flexibility: 30m indoor height difference, maximum piping length: 190m, total piping length: 1,000m
- Possibility to extend the operation range in cooling down to -20°C for technical cooling operation such as server rooms
- Contains all standard VRV features

By choosing this product with Certified Reclaimed Refrigerant Allocation you support the re-use of refrigerant

Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Access all technical information on REYQ-U at my.daikin.eu or click here

Outdoor unit				REYQ	8U	10U	12U	14U	16U	18U	20U
Capacity range				HP	8	10	12	14	16	18	20
Cooling capacity	Prated,c			kW	22.4	28.0	33.5	40.0	45.0	50.4	52.0
Heating capacity	Prated,h			kW	13.7	16.0	18.4	20.6	23.2	27.9	31.0
	Max.	6°CWB		kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0
ηs,c				%	286.1	264.8	257.0	255.8	243.1	250.6	246.7
ηs,h				%	165.1	169.7	183.8	168.3	167.5	172.5	162.7
SEER					7.2	6.7	6.5		6.2	6.3	6.2
SCOP					4.2	4.3	4.7	4.3		4.4	4.1
Maximum number of connectable indoor units					64						
Indoor index connection	Min.				100.0	125.0	150.0	175.0	200.0	225.0	250.0
	Nom.				-						
	Max.				260.0	325.0	390.0	455.0	520.0	585.0	650.0
Dimensions	Unit	HeightxWidthxDepth		mm	1,685x930x765			1,685x1,240x765			
Weight	Unit			kg	230			314		317	
Sound power level	Cooling	Nom.		dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9
Sound pressure level	Cooling	Nom.		dBA	57.0		61.0	60.0	63.0	62.0	65.0
Operation range	Cooling	Min.~Max.		°CDB	-5.0~43.0						
	Heating	Min.~Max.		°CWB	-20.0~15.5						
Refrigerant	Type/GWP				R-410A/2,087.5						
	Charge			kg/TCO2Eq	9.7/20.2	9.8/20.5	9.9/20.7	11.8/24.6			
Piping connections	Liquid	OD		mm	952		127			159	
	Gas	OD		mm	19.1	22.2	28.6				
	HP/LP gas	OD		mm	15.9	19.1		22.2			28.6
	Total piping length	System	Actual	m	1,000						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32		40		50

Outdoor unit System + Module				REYQ	10U	13U	16U	18U	20U	22U	24U	26U	28U	30U	32U
System	Outdoor unit module 1				REMQ5U		REYQ8U			REYQ10U	REYQ8U		REYQ12U		REYQ16U
	Outdoor unit module 2				REMQ5U	REYQ8U		REYQ10U	REYQ12U		REYQ16U	REYQ14U	REYQ16U	REYQ18U	REYQ16U
Capacity range				HP	10	13	16	18	20	22	24	26	28	30	32
Cooling capacity	Prated,c			kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	83.9	90.0
Heating capacity	Prated,h			kW	16.0	21.7	23.2	27.9	31.0	34.4	36.9	37.1	39.7	44.4	46.4
	Max.	6°CWB		kW	32.0	41.0	50.0	56.5	62.5	69.0	75.0	82.5	87.5	94.0	100.0
ηs,c				%	275.1	301.3	288.6	272.9	266.0	260.4	257.7	257.5	251.9	266.8	243.1
ηs,h				%	158.8	160.6	168.2	167.9	175.7	178.5	167.6	175.5	174.8	179.4	169.1
SEER					7.0	7.6	7.3	6.9	6.7	6.6	6.5		6.4	6.7	6.2
SCOP					4.0	4.1	4.3		4.5		4.3	4.5	4.4	4.6	4.3
Maximum number of connectable indoor units					64										
Indoor index connection	Min.				125.0	163.0	200.0	225.0	250.0	275.0	300.0	325.0	350.0	375.0	400.0
	Nom.				-										
	Max.				325.0	423.0	520.0	585.0	650.0	715.0	780.0	845.0	910.0	975.0	1,040.0
Piping connections	Liquid	OD		mm	952	127		159			191				
	Gas	OD		mm	22.2	28.6					34.9				
	HP/LP gas	OD		mm	19.1		22.2		28.6						
	Total piping length	System	Actual	m	500				1,000						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA)			A	40		50		63					80	

REYQ10,13,16,18,20,22U

Outdoor unit System + Module				REYQ	34U	36U	38U	40U	42U	44U	46U	48U	50U	52U	54U
System	Outdoor unit module 1				REYQ16U		REYQ8U	REYQ10U		REYQ12U	REYQ14U		REYQ16U		REYQ18U
	Outdoor unit module 2				REYQ18U	REYQ20U	REYQ12U		REYQ16U					REYQ18U	
	Outdoor unit module 3				-		REYQ18U		REYQ16U				REYQ18U		
Capacity range				HP	34	36	38	40	42	44	46	48	50	52	54
Cooling capacity	Prated,c			kW	95.4	97.0	106.3	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2
Heating capacity	Prated,h			kW	51.1	54.2	58.1	58.9	60.9	62.9	67.0	69.6	74.3	79.0	83.7
	Max.	6°CWB		kW	106.5	113.0	119.0	125.5	131.5	137.5	145.0	150.0	156.5	163.0	169.5
ηs,c				%	259.2	255.3	269.2	259.6	250.2	249.3	246.8	243.1	254.4	265.7	275.2
ηs,h				%	172.0	166.3	176.0	176.1	167.8	171.9	168.8	168.5	170.3	171.7	173.3
SEER					6.6	6.5	6.8	6.6	6.3		6.2		6.4	6.7	7.0
SCOP					4.4	4.2	4.5		4.3	4.4	4.3			4.4	
Maximum number of connectable indoor units					64										
Indoor index connection	Min.				425.0	450.0	475.0	500.0	525.0	550.0	575.0	600.0	625.0	650.0	675.0
	Nom.				-										
	Max.				1,105.0	1,170.0	1,235.0	1,300.0	1,365.0	1,430.0	1,495.0	1,560.0	1,625.0	1,690.0	1,755.0
Piping connections	Liquid	OD		mm	191										
	Gas	OD		mm	34.9	41.3									
	HP/LP gas	OD		mm	28.6		34.9								
	Total piping length	System	Actual	m	1,000										
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA)			A	80		100					125			

Outdoor unit module				REMQ	5U
Dimensions	Unit	HeightxWidthxDepth		mm	1,685x930x765
Weight	Unit			kg	230
Fan	External static pressure	Max.		Pa	78
Sound power level	Cooling	Nom.		dBA	78.0
Sound pressure level	Cooling	Nom.		dBA	57.0
Operation range	Cooling	Min.~Max.		°CDB	-5.0~43.0
	Heating	Min.~Max.		°CWB	-20.0~15.5
Refrigerant	Type/GWP				R-410A/2,087.5
	Charge			kg/TCO2Eq	9.7/20.2
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)			A	20

Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system (50% ≤ CR ≤ 120%)

VRV IV S-series heat pump

Space saving solution without compromising on efficiency

- Space saving trunk design for flexible installation
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air cutains
- Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura, Nexura ...
- Wide range of units (4 to 12HP) suitable for projects up to 200m² with space limitations
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors
- Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand
- Contains all standard VRV features

RXYSQ4-6TV9_TY9

By choosing this product with Certified Reclaimed Refrigerant Allocation you support the re-use of refrigerant

ErP 2021 COMPLIANT

Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Connectable stylish indoor units

	15 CLASS	20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Round flow cassette FCAG-B				•		•	•	•
Fully flat cassette FFA-A9			•	•		•	•	
Slim concealed ceiling unit FDXM-F9			•	•		•	•	
Concealed ceiling unit with inverter driven fan FBA-A(9)			•	•		•	•	
Daikin Emura - Wall mounted unit FTXJ-MW/MS		•	•	•		•		
Stylish - Wall mounted unit FTXA-A		•	•	•	•	•		
Perfera - Wall mounted unit CTXM-N / FTXM-N	•	•	•	•	•	•	•	•
Ceiling suspended unit FHA-A(9)				•		•	•	
Nexura - Floor standing unit FVXG-K			•	•		•		
Floor standing unit FVXM-F			•	•		•		
Concealed floorstanding unit FNA-A9			•	•		•	•	

Access all technical information on RXYSQ-TV9 at my.daikin.eu or click here

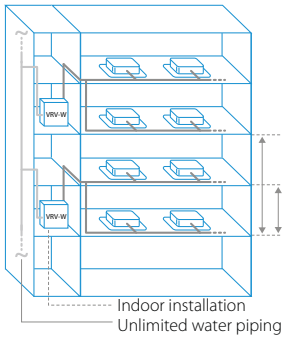
Outdoor unit			RXYSQ/RXYSQ/RXYSQ	4TV9	5TV9	6TV9	4TY9	5TY9	6TY9	8TY1	10TY1	12TY1
Capacity range			HP	4	5	6	4	5	6	8	10	12
Cooling capacity	Prated,c		kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5
Heating capacity	Prated,h		kW	8.0	9.2	10.2	8.0	9.2	10.2	14.9	19.6	23.5
	Max.	6°CWB	kW	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5
ηs,c			%	278.9	270.1	278.0	269.2	260.5	268.3	247.3	247.4	256.5
ηs,h			%	171.6	182.9	192.8	154.4	164.5	174.1	165.8	162.4	169.6
SEER				7.0	6.8	7.0	6.8	6.6	6.8	6.3		6.5
SCOP				4.4	4.6	4.9	3.9	4.2	4.4	4.2	4.1	4.3
Maximum number of connectable indoor units				64								
Indoor index connection	Min.			50.0	62.5	70.0	50.0	62.5	70.0	100.0	125.0	150.0
	Nom.			-								
	Max.			130.0	162.5	182.0	130.0	162.5	182.0	260.0	325.0	390.0
Dimensions	Unit	HeightxWidthxDepth	mm	1,345x900x320						1,430x940x320	1,615x940x460	
Weight	Unit		kg	104						144	175	180
Sound power level	Cooling	Nom.	dBA	68.0	69.0	70.0	68.0	69.0	70.0	73.0	74.0	76.0
Sound pressure level	Cooling	Nom.	dBA	50.0	51.0		50.0	51.0		55.0		57.0
Operation range	Cooling	Min.~Max.	°CDB	-5.0~46.0						-5.0~52.0		
	Heating	Min.~Max.	°CWB	-20.0~15.5								
Refrigerant	Type/GWP			R-410A/2,087.5								
	Charge		kg/TCO2Eq	3.6/7.5						5.5/11.5	7.0/14.6	8.0/16.7
Piping connections	Liquid	OD	mm	9.52								12.7
	Gas	OD	mm	15.9		19.1	15.9		19.1		22.2	25.4
	Total piping length	System Actual	m	300								
Power supply	Phase/Frequency/Voltage		Hz/V	1N~/50/220-240			3N~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)		A	32			16			25		32

Actual number of units depends on the indoor unit type (VRV DX indoor, RA DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤130%).

VRV IV water cooled+ series

Ideal for high rise buildings, using water as heat source

› Environmental conscious solution: reduced CO_2 emmisions thanks to the use of geothermal energy as a renewable energy source and typical lower refrigerant levels making it ideal to comply with EN378
› Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units, Biddle air curtains and hot water
› Unique zero heat dissipation principle obviates the need for ventilation or cooling in the technical room, maximising installation flexiblity
› Wide range of indoor units: possibility to combine VRV with stylish indoor units (Daikin Emura, Nexura, ...)
› Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator, 7-segment display and full inverter compressors
› Developed for easy installation and servicing: choice between top or front connection for refrigerant piping and rotating switch box for easy access to serviceable parts
› Compact & lightweight design can be stacked for maximum space saving: 42HP can be installed in less than 0,5m² floorspace
› 2-stage heat recovery: first stage between indoor units, second stage between outdoor units thanks to the storage of energy in the water circuit
› Unified model for heat pump and heat recovery version and geothermal and standard operation
› Variable Water Flow control option increases flexibility and control
› 2 analogue input signals allowing external control of ON-OFF, operation mode, error signal, …
› Contains all standard VRV features



ErP 2021 COMPLIANT

Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Connectable stylish indoor units

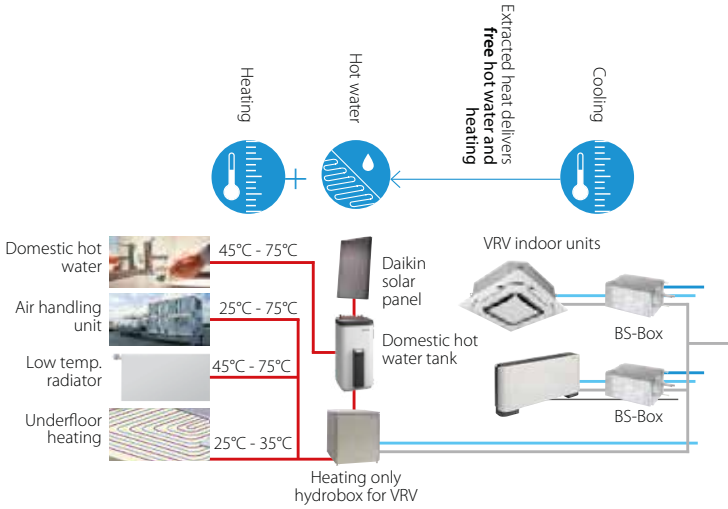
		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS
Daikin Emura - Wall mounted unit	FTXJ-MW/MS	•	•	•		•
Stylish - Wall mounted unit	FTXA-A	•	•	•	•	•
Nexura - Floor standing unit	FVXG-K		•	•		•
Floor standing unit	FVXM-F		•	•		•

BPMKS box needed to connect RA indoors to VRV IV (RYYQ / RXYQ)

Access all technical information on RWEYQ-T9 at my.daikin.eu or click here

Outdoor unit				RWEYQ	8T9	10T9	12T9	14T9
Capacity range				HP	8	10	12	14
Cooling capacity	Prated,c			kW	22.4	28.0	33.5	40.0
Heating capacity	Prated,h			kW	25.0	31.5	37.5	45.0
	Max.	6°CWB		kW	25.0	31.5	37.5	45.0
Recommended combination					4 x FXMQ50P7VEB	4 x FXMQ63P7VEB	6 x FXMQ50P7VEB	1 x FXMQ50P7VEB + 5 x FXMQ63P7VEB
ηs,c				%	326.8	307.8	359.0	330.7
ηs,h				%	524.3	465.9	436.0	397.1
SEER					8.4	7.9	9.2	8.5
SCOP					13.3	11.8	11.1	10.1
Maximum number of connectable indoor units					64 (1)			
Indoor index connection	Min.				100.0	125.0	150.0	175.0
	Nom.				-			
	Max.				300.0	375.0	450.0	525.0
Dimensions	Unit	HeightxWidthxDepth		mm	980x767x560			
Weight	Unit			kg	195		197	
Sound power level	Cooling	Nom.		dBA	65.0	71.0	72.0	74.0
Sound pressure level	Cooling	Nom.		dBA	48.0	50.0	56.0	58.0
Operation range	Inlet water temperature	Cooling	Min.~Max.	°CDB	10~45			
		Heating	Min.~Max.	°CWB	10~45			
	Temperature around casing	Max.		°CDB	40			
	Humidity around casing	Cooling~Heating	Max.	%	80~80			
Refrigerant	Type/GWP				R-410A/2,087.5			
	Charge			kg/TCO2Eq	7.9/16.5		9.6/20.0	
Piping connections	Liquid	OD		mm	952		127	
	Gas	OD		mm	19.1 (2)	22.2 (2)	28.6 (2)	
	HP/LP gas	OD		mm	15.9 (3) / 19.1 (4)	19.1 (3) / 22.2 (4)	19.1 (3) / 28.6 (4)	22.2 (3) / 28.6 (4)
	Drain	Size			14mm OD/ 10mm ID			
	Water	Inlet/Outlet	Size		ISO 228-G1 1/4 B/ISO 228-G1 1/4 B			
	Total piping length	System	Actual	m	500			
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	20		25	

Stage 1 heat recovery between indoor units



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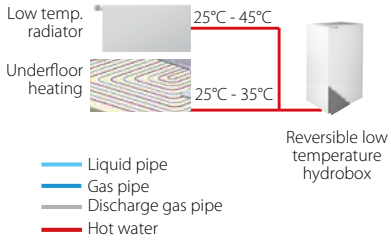
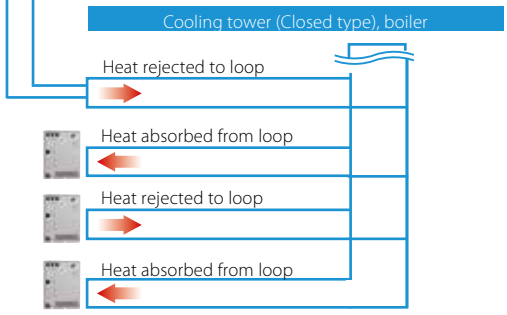


Stage 2 heat recovery between outdoor units



* Above system configuration are for illustration purpose only.

Outdoor unit System				RWEYQ	16T9	18T9	20T9	22T9	24T9	26T9	28T9
System	Outdoor unit module 1				RWEYQ8T		RWEYQ10T		RWEYQ12T		RWEYQ14T
	Outdoor unit module 2				RWEYQ8T	RWEYQ10T		RWEYQ12T		RWEYQ14T	
Capacity range				HP	16	18	20	22	24	26	28
Cooling capacity	Prated,c			kW	44.8	50.4	56.0	61.5	67.0	73.5	80.0
Heating capacity	Prated,h			kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0
	Max.	6°CWB		kW	50.0	56.5	62.5	69.0	75.0	82.5	90.0
ηs,c				%	307.6	308.7	298.1	311.3	342.6	322.5	306.1
ηs,h				%	459.2	491.1	466.8	447.9	434.5	406.9	387.9
SEER					7.9		7.7	8.0	8.8	8.3	7.9
SCOP					11.7	12.5	11.9	11.4	11.1	10.4	9.9
Recommended combination					4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	6 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	4 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	8 x FXMQ63P7VEB	12 x FXMQ50P7VEB	7 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	2 x FXMQ50P7VEB + 10 x FXMQ63P7VEB
Maximum number of connectable indoor units					64 (1)						
Indoor index connection	Min.				200.0	225.0	250.0	275.0	300.0	325.0	350.0
	Nom.				-						
	Max.				600.0	675.0	750.0	825.0	900.0	975.0	1,050.0
Piping connections	Liquid	OD		mm	127	159				191	
	Gas	OD		mm	28.6 (2)				34.9 (2)		
	HP/LP gas	OD		mm	22.2 (3) / 28.6 (4)		28.6 (3) / 28.6 (4)	28.6 (3) / 28.6 (4)	28.6 (3) / 34.9 (4)		
	Total piping length	System	Actual	m	500						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	32		35	40		50	

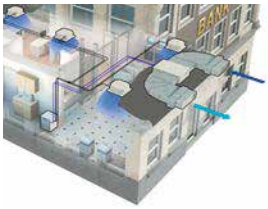
Outdoor unit System				RWEYQ	30T9	32T9	34T9	36T9	38T9	40T9	42T9
System	Outdoor unit module 1				RWEYQ10T			RWEYQ12T			RWEYQ14T
	Outdoor unit module 2				RWEYQ10T		RWEYQ12T			RWEYQ14T	
	Outdoor unit module 3				RWEYQ10T	RWEYQ12T			RWEYQ14T		
Capacity range				HP	30	32	34	36	38	40	42
Cooling capacity	Prated,c			kW	84.0	89.5	95.0	100.5	107.0	113.5	120.0
Heating capacity	Prated,h			kW	94.5	100.5	106.5	112.5	120.0	127.5	135.0
	Max.	6°CWB		kW	94.5	100.5	106.5	112.5	120.0	127.5	135.0
Recommended combination					12 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 8 x FXMQ63P7VEB	12 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	18 x FXMQ50P7VEB	13 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	8 x FXMQ50P7VEB + 10 x FXMQ63P7VEB	3 x FXMQ50P7VEB 15 x FXMQ63P7VEB
ηs,c				%	308.3	318.2	342.5	352.3	338.8	341.4	332.9
ηs,h				%	467.2	456.1	447.0	438.5	419.4	404.4	391.2
SEER					7.9	8.2	8.8	9.0	8.7		8.5
SCOP					11.9	11.6	11.4	11.2	10.7	10.3	10.0
Maximum number of connectable indoor units					64 (1)						
Indoor index connection	Min.				375.0	400.0	425.0	450.0	475.0	500.0	525.0
	Nom.				-						
	Max.				1,125.0	1,200.0	1,275.0	1,350.0	1,425.0	1,500.0	1,575.0
Piping connections	Liquid	OD		mm	19.1 (2)						
	Gas	OD		mm	34.9			41.3			
	HP/LP gas	OD		mm	28.6 (3) / 34.9 (4)			41.3 (3) / 34.9 (4)			
	Total piping length	System	Actual	m	500						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	50	63				80	

(1) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%) | (2) In case of heat pump system, gas pipe is not used (3) In case of heat recovery system (4) In case of heat pump system

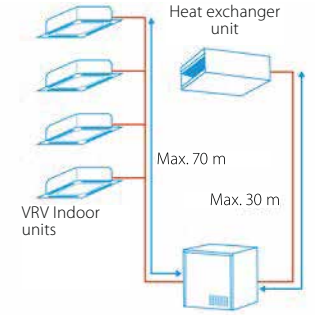
VRV IV heat pump for indoor installation

The invisible VRV

› Unique VRV heat pump for indoor installation



› Unrivalled flexibility because the unit is split up into two elements: the heat exchanger and the compressor



› Highly suited to densely populated areas thanks to the low operation sound and seamless integration into surrounding architecture as only the grille is visible
› Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator and full inverter compressors

SB.RKXYQ5T8

› Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air cutains
› Lightweight units (max. 105kg) can be installed by two people
› Unique V-shape heat exchanger results in compact dimensions (h/e unit only 400mm high) allowing false ceiling installation, while ensuring top efficiency
› Super efficient centrifugal fans (over 50% efficiency increase compared to sirocco fan)
› Small footprint compressor unit (760 x 554 mm) maximizing useable floor space
› Contains all standard VRV features

ErP 2021 COMPLIANT

Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Access all technical information on SB-RKXYQ-T at my.daikin.eu or click here

Access all technical information on SB-RKXYQ-T(8) at my.daikin.eu or click here

System					SB.RKXYQ	5T8	8T
System	Heat exchanger unit					RDXYQ5T8	RDXYQ8T
	Compressor unit					RKXYQ5T8	RKXYQ8T
Capacity range					HP	5	8
Cooling capacity	Prated,c				kW	14.0	22.4
Heating capacity	Prated,h				kW	10.4	12.9
	Max.	6°CWB			kW	16.0	25.0
Recommended combination						4 x FXSQ32A2VEB	4 x FXMQ50P7VEB
ηs,c					%	200.1	191.1
ηs,h					%	149.3	140.9
SEER						5.1	4.9
SCOP						3.8	3.6
Maximum number of connectable indoor units						10	17
Indoor index connection	Min.					62.5	100.0
	Nom.					-	
	Max.					162.5	260.0
Piping connections	Liquid	OD			mm	-	
	Gas	OD			mm	-	
	Between Compressor module (CM) and heat exchanger module (HM)	Liquid	OD		mm	12.7	
		Gas	OD		mm	19.1	22.2
	Between Compressor module (CM) and indoor units (IU)	Liquid	OD		mm	9.52	
		Gas	OD		mm	15.9	19.1
	Total piping length	System	Actual		m	140	300

					Heat exchanger module - RDXYQ		Compressor module - RKXYQ	
Outdoor unit module					**5T8**	**8T**	**5T8**	**8T**
Dimensions	Unit	HeightxWidthxDepth		mm	397x1,456x1,044		701x600x554	701x760x554
Weight	Unit			kg	95	103	79	105
Fan	Air flow rate	Cooling	Nom.	m^3/min	55	100	-	
Sound power level	Cooling	Nom.		dBA	77.0	81	60.0	64
Sound pressure level	Cooling	Nom.		dBA	47.0	54	47.0	48
Refrigerant	Type/GWP				R-410A/-		R-410A/2,087.5	
	Charge			kg/TCO2Eq	-/-		2.00/4.20	4.00/8.35
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240		3N~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	10		16	20

(1)Actual number of units depends on the indoor unit type (VRV DX indoor, RA DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤130%).

Products overview VRV IV+

Capacity class (kW)

Type	Model		Product name		15	20	25	32	40	50	63	71	80	100	125	140	200	250
Ceiling mounted cassette	UNIQUE Round flow cassette	360° air discharge for optimum efficiency and comfort › Auto cleaning function ensures high efficiency › Intelligent sensors save energy and maximize comfort › Flexibility to suit every room layout › Lowest installation height in the market! › Widest choice ever in decoration panel designs and colors	FXFQ-B			●	●	●	●	●	●		●	●	●			
	UNIQUE Fully flat cassette	Unique design that integrates fully flat into the ceiling › Perfect integration in standard architectural ceiling tiles › Blend of iconic design and engineering excellence › Intelligent sensors save energy and maximize comfort › Small capacity unit developed for small or well-insulated rooms › Flexibility to suit every room layout	FXZQ-A		●	●	●	●	●	●								
	2-way blow ceiling mounted cassette	Thin, lightweight design installs easily in narrow ceiling spaces › Depth of all units is 620mm, ideal for narrow ceiling spaces › Flexibility to suit every room layout › Reduced energy consumption thanks to DC fan motor › The flaps close entirely when the unit is not operating › Optimum comfort with automatic air flow adjustment to the required load	FXCQ-A			●	●	●	●	●	●		●		●			
	Ceiling mounted corner cassette	1-way blow unit for corner installation › Compact dimensions enable installation in narrow ceiling voids › Flexible installation thanks to different air discharge options	FXKQ-MA				●	●	●		●							
Concealed ceiling	Slim concealed ceiling unit	Slim design for flexible installation › Compact dimensions enable installation in narrow ceiling voids › Medium external static pressure up to 44Pa › Only grilles are visible › Small capacity unit developted for small of well-insulated rooms › Reduced energy consumption thanks to DC fan motor	FXDQ-A3		●	●	●	●	●	●	●		Auto cleaning filter option				Multi zoning option	
	Concealed ceiling unit with medium ESP	Slimmest yet most powerfull medium static pressure unit on the market! › Slimmest unit in class, only 245mm › Low operating sound level › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths › Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort	FXSQ-A		●	●	●	●	●	●	●		●	●	●	●	Multi zoning option	
	Concealed ceiling unit with high ESP	ESP up to 200, ideal for large sized spaces › Optimum comfort guaranteed no matter the length of ductwork or type of grilles, thanks to automatic air flow adjustment › Reduced energy consumption thanks to DC fan motor › Flexible installation as the air suction direction can be altered from rear to bottom suction	FXMQ-P7							●	●		●	●	●			
	Concealed ceiling unit with high ESP	ESP up to 270, ideal for extra large sized spaces › Only grilles are visible › Large capacity unit: up to 31.5 kW heating capacity	FXMQ-MB														●	●
Wall mounted	Wall mounted unit	For rooms with no false ceilings nor free floor space › Flat, stylish front panel is more easy to clean › Small capacity unit developted for small of well-insulated rooms › Reduced energy consumption thanks to DC fan motor › The air is comfortably spread up- and downwards thanks to 5 different discharge angles	FXAQ-A		●	●	●	●	●	●	●							
Ceiling suspended	Ceiling suspended unit	For wide rooms with no false ceilings nor free floor space › Ideal for comfortable air flow in wide rooms thanks to Coanda effect › Rooms with ceilings up to 3.8m can be heated or cooled very easily! › Can easily be installed in both new and refurbishment projects › Can even be mounted in corners or narrow spaces without any problem › Reduced energy consumption thanks to DC fan motor	FXHQ-A					●			●			●				
	UNIQUE 4-way blow ceiling suspended unit	Unique Daikin unit for high rooms with no false ceilings nor free floor space › Rooms with ceilings up to 3.5m can be heated up or cooled down very easily! › Can easily be installed in both new and refurbishment projects › Flexibility to suit every room layout › Reduced energy consumption thanks to DC fan motor	FXUQ-A									●			●			
Floor standing	Floor standing unit	For perimeter zone air conditioning › Can be installed in front of glass walls or free standing as both the front and the back are finished › Ideal for installation beneath a window › Requires very little installation space › Wall mounted installation facilitates cleaning beneath the unit	FXLQ-P			●	●	●	●	●	●							
	Concealed floor standing unit	Ideal for installation in offices, hotels and residential applications › Discretely concealed in the wall, leaving only the suction and discharge grilles visible › Can even be installed underneath a window › Requires very little installation space as the depth is only 200mm › High ESP allows flexible installation	FXNQ-A			●	●	●	●	●	●							
Cooling capacity (kW)[1]					1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0
Heating capacity (kW)[2]					1.9	2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0	25.0	31.5

(1) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m

(2) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m

Benefits overview VRV IV

We care		Home leave operation	During absence, indoor comfort levels can be maintained
		Fan only	The air conditioner can be used as fan, blowing air without cooling or heating
		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
		Floor and presence sensor	The presence sensor directs the air away from any person detected in the room. 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 neightbourhood
		Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature
Air treatment		Air filter	Removes airborne dust particles to ensure a steady supply of clean air
Humidity control		Dry programme	Allows humidity levels to be reduced without variations in room temperature
Air flow		Ceiling soiling prevention	The air discharge of the indoor unit is specially designed to prevent air being blown against the ceiling to prevent ceiling stains
		Vertical auto swing	Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution
		Fan speed steps	Multiple fan speeds to select,to optimize comfort levels
		Individual flap control	Individual flap control via the wired remote controller makes it simple to fix the position of each flap individually, to suit any new room configuration. Optional closure kits are available as well
Remote control & timer		Weekly timer	Timer can be set to start and stop operation anytime on a daily or weekly basis
		Infrared remote control	Infrared remote control with LCD to remotely control your indoor unit
		Wired remote control	Wired remote control to remotely control your indoor unit
		Centralised control	Centralised control to to control several indoor units from one single point
		Multi zoning	Allows up to 6 individual climate zones with one indoor unit
Other funtcions		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
		Multi tenant	The indoor unit's main power supply can be turned off when leaving the building or for servicing purposes

Ceiling mounted cassette units				Concealed ceiling units				Wall mounted unit	Ceiling suspended units		Floor standing units	
FXFQ-B	**FXZQ-A**	**FXCQ-A**	**FXKQ-MA**	**FXDQ-A3**	**FXSQ-A**	**FXMQ-P7**	**FXMQ-MB**	**FXAQ-A**	**FXHQ-A**	**FXUQ-A**	**FXNQ-A**	**FXLQ-P**
												
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●
●				●								
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G1 F8 (optional)	G1	●	G1	●	G1 F8 (optional)	●	G1 F8 (optional)	●	G1	G1	G1	G1
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3 + auto	3 + auto	3 + auto	2	3	3 + auto	3	2	2	3	3 + auto	3	2
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				●	●							
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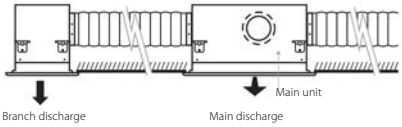
Standard	Standard	Standard	Standard	Standard	Standard	Standard	Optional	Optional	Optional	Standard		
●	●	(●)	(●)	●	●	●	(●)	●	(●)	(●)	●	●

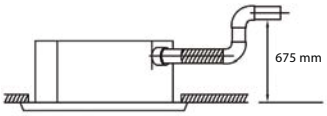
Round flow cassette

360° air discharge for optimum efficiency and comfort

- Automatic filter cleaning 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, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- 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!
- Lowest installation height in the market: 214mm for class 20-63
- 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



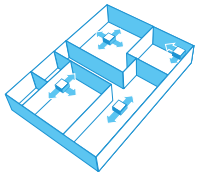
Access all technical information on FXFQ-B at my.daikin.eu or click here

Indoor unit				FXFQ	20B	25B	32B	40B	50B	63B	80B	100B	125B
Cooling capacity	Total capacity	Nom.		kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00
Heating capacity	Total capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Power input - 50Hz	Cooling	Nom.		kW	0.04				0.05	0.06	0.09	0.12	0.19
	Heating	Nom.		kW	0.04				0.05	0.06	0.09	0.11	0.18
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840						246x840x840		288x840x840
Weight	Unit			kg	19			20	21		24		26
Casing	Material				Galvanised steel plate								
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: 50x950x950 / Auto cleaning panels: 130x950x950 / Designer panels: 50x950x950								
	Weight			kg	Standard panels: 5.4 / Auto cleaning panels: 10.3 / Designer panels: 5.4								
Fan	Air flow rate - 50Hz	Cooling	Low/High	m^3/min	8.8/12.5			9.5/13.6	10.5/15.0	10.5/16.5	12.4/22.8	12.4/26.5	19.9/33.0
		Heating	Low/High	m^3/min	8.8/12.5			9.5/13.6	10.5/15.0	10.5/16.5	12.4/22.8	12.4/26.5	19.9/33.0
Air filter	Type				Resin net								
Sound power level	Cooling	High		dBA	49			51		53	55	60	61
Sound pressure level	Cooling	Low/Nom./High		dBA	28.0/29.0/31.0			29.0/31.0/33.0		30.0/33.0/35.0	30.0/34.0/38.0	30.0/37.0/43.0	36.0/41.0/45.0
	Heating	Low/Nom./High		dBA	28.0/29.0/31.0			29.0/31.0/33.0		30.0/33.0/35.0	30.0/34.0/38.0	30.0/37.0/43.0	36.0/41.0/45.0
Refrigerant	Type/GWP				R-410A/2,087.5								
Piping connections	Liquid	OD		mm	6.35					9.52			
	Gas	OD		mm	12.70					15.90			
	Drain				VP25 (O.D. 32 / I.D. 25)								
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220								
Current - 50Hz	Maximum fuse amps (MFA)			A	16								
Control systems	Infrared remote control				BRC7FA532F / BRC7FA532FB / BRC7FB532F / BRC7FB532FB								
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52								

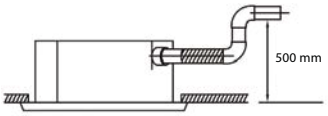
Fully flat cassette

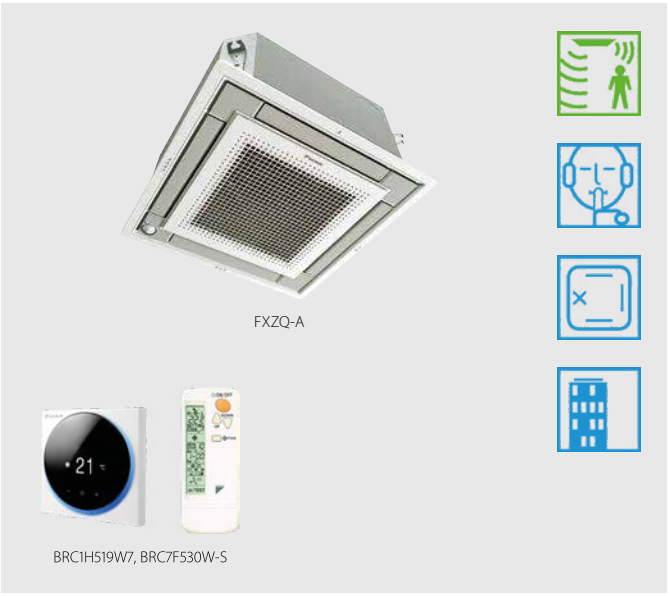
Unique design in the market that integrates fully flat into the ceiling

- 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
- Two optional intelligent sensors improve energy efficiency and comfort
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!



- Optional fresh air intake
- Standard drain pump with 630mm lift increases flexibility and installation speed





Access all technical information on FXZQ-A at my.daikin.eu or click here

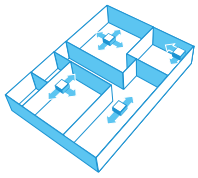
Indoor unit				FXZQ	15A	20A	25A	32A	40A	50A
Cooling capacity	Total capacity	Nom.		kW	1.70	2.20	2.80	3.60	4.50	5.60
Heating capacity	Total capacity	Nom.		kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input - 50Hz	Cooling	Nom.		kW		0.043		0.045	0.059	0.092
	Heating	Nom.		kW		0.036		0.038	0.053	0.086
Dimensions	Unit	HeightxWidthxDepth		mm	260x575x575					
Weight	Unit			kg		15.5		16.5		18.5
Casing	Material				Galvanised steel plate					
Decoration panel	Model				BYFQ60C2W1W					
	Colour				White (N9.5)					
	Dimensions	HeightxWidthxDepth		mm	46x620x620					
	Weight			kg	2.8					
Decoration panel 2	Model				BYFQ60C2W1S					
	Colour				SILVER					
	Dimensions	HeightxWidthxDepth		mm	46x620x620					
	Weight			kg	2.8					
Decoration panel 3	Model				BYFQ60B2W1					
	Colour				White (RAL9010)					
	Dimensions	HeightxWidthxDepth		mm	55x700x700					
	Weight			kg	2.7					
Decoration panel 4	Model				BYFQ60B3W1					
	Colour				WHITE (RAL9010)					
	Dimensions	HeightxWidthxDepth		mm	55x700x700					
	Weight			kg	2.7					
Fan	Air flow rate -	Cooling	Low/High	m^3/min	6.5/8.5	6.5/8.7	6.5/9.0	7.0/10.0	8.0/11.5	10.0/14.5
	50Hz	Heating	Low/High	m^3/min	6.5/8.5	6.5/8.7	6.5/9.0	7.0/10.0	8.0/11.5	10.0/14.5
Air filter	Type				Resin net					
Sound power level	Cooling	High		dBA	49		50	51	54	60
Sound pressure level	Cooling	Low/Nom./High		dBA	25.5/28.0/31.5	25.5/29.5/32.0	25.5/30.0/33.0	26.0/30.0/33.5	28.0/32.0/37.0	33.0/40.0/43.0
	Heating	Low/Nom./High		dBA	25.5/28.0/31.5	25.5/29.5/32.0	25.5/30.0/33.0	26.0/30.0/33.5	28.0/32.0/37.0	33.0/40.0/43.0
Refrigerant	Type/GWP				R-410A/2,087.5					
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	12.7					
	Drain				VP20 (I.D. 20/O.D. 26)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	16					
Control systems	Infrared remote control				BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel)					
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52					

Dimensions do not include control box

2-way blow ceiling mounted cassette

Thin, lightweight design installs easily in narrow corridors

› Depth of all units is 620mm, ideal for narrow spaces
› Individual flap control: flexibility to suit every room layout without changing the location of the unit!

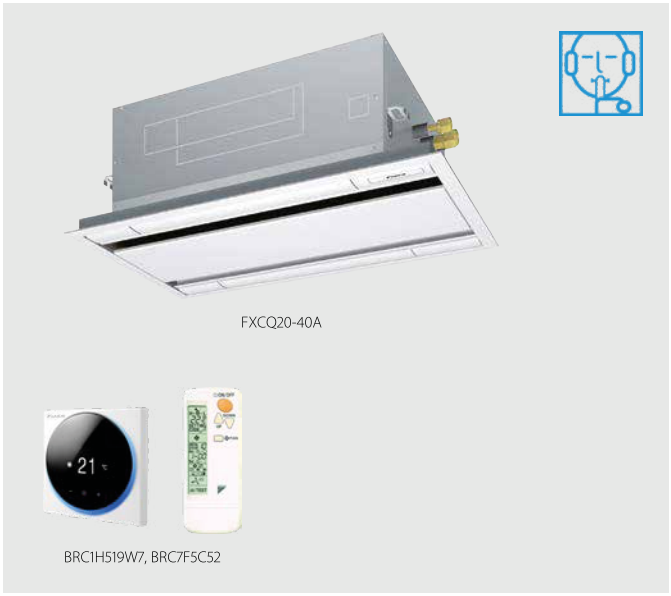


› Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
› Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

Fresh air intake opening in casing

* Brings in up to 10% of fresh air into the room

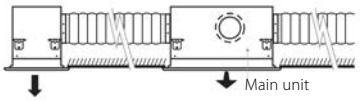
› Optimum comfort guaranteed with automatic air flow adjustment to the required load
› Maintenance operations can be performed by removing the front panel



FXCQ20-40A

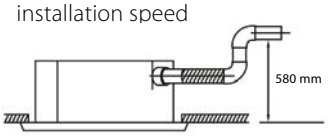
BRC1H519W7, BRC7F5C52

› Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms



Branch discharge Main discharge

› Standard drain pump with 580mm lift increases flexibility and installation speed



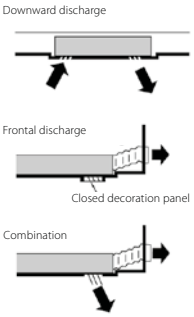
Access all technical information on FXCQ-A at my.daikin.eu or click here

Indoor unit			FXCQ	20A	25A	32A	40A	50A	63A	80A	125A
Cooling capacity	Total capacity	Nom.	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity	Total capacity	Nom.	kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Power input - 50Hz	Cooling	Nom.	kW	0.031	0.039		0.041	0.059	0.063	0.090	0.149
	Heating	Nom.	kW	0.028	0.035		0.037	0.056	0.060	0.086	0.146
Dimensions	Unit	HeightxWidthxDepth	mm	305x775x620				305x990x620		305x1,445x620	
Weight	Unit		kg	19				22	25	33	38
Casing	Material			Galvanised steel plate							
Decoration panel	Model			BYBCQ40HW1				BYBCQ63HW1		BYBCQ125HW1	
	Colour			Fresh white (6.5Y 9.5/0.5)							
	Dimensions	HeightxWidthxDepth	mm	55x1,070x700				55x1,285x700		55x1,740x700	
	Weight		kg	10				11		13	
Fan	Air flow rate - 50Hz	Cooling Low/High	m^3/min	7.5/10.5	8/11.5		8.5/12	10.5/15	11.5/16	18.5/26	22.5/32
Air filter	Type			Resin net with mold resistance							
Sound power level	Cooling	Nom./High	dBA	46/48	47/50	48/50	49/52	51/53	53/55	54/58	58/62
Sound pressure level	Cooling	Low/Nom./High	dBA	28.0/30.0/32.0	29.0/31.0/34.0	30.0/32.0/34.0	31.0/33.0/36.0	31.0/35.0/37.0	32.0/37.0/39.0	33.0/38.0/42.0	38.0/42.0/46.0
	Heating	Low/Nom./High	dBA	28.0/30.0/32.0	29.0/31.0/34.0	30.0/32.0/34.0	31.0/33.0/36.0	31.0/35.0/37.0	32.0/37.0/39.0	33.0/38.0/42.0	38.0/42.0/46.0
Refrigerant	Type/GWP			R-410A/2,087.5							
Piping connections	Liquid	OD	mm	6.35						9.52	
	Gas	OD	mm	12.7						15.9	
	Drain			VP25 (O.D. 32 / I.D. 25)							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240							
Current - 50Hz	Maximum fuse amps (MFA)		A	16							
Control systems	Infrared remote control			BRC7C52							
	Wired remote control			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52							

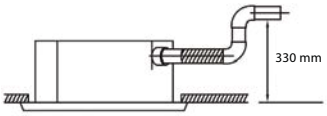
Ceiling mounted corner cassette

1-way blow unit for corner installation

- Compact dimensions, can easily be mounted in a narrow ceiling void (only 220mm ceiling space required, 195 with panel spacer, available as accessory)
- Optimum air flow conditions are created by either downward air discharge or frontal air discharge (via optional grille) or a combination of both



- Maintenance operations can be performed by removing the front panel
- Standard drain pump with 330mm lift increases flexibility and installation speed



FXKQ-MA

BRC1H519W7, BRC4C61

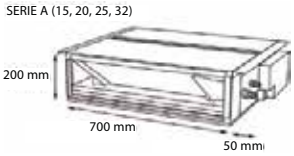
Access all technical information on FXKQ-MA at my.daikin.eu or click here

Indoor unit				FXKQ	25MA	32MA	40MA	63MA
Cooling capacity	Total capacity	Nom.		kW	2.8	3.6	4.5	7.10
Heating capacity	Total capacity	Nom.		kW	3.2	4.0	5.0	8.00
Power input - 50Hz	Cooling	Nom.		kW	0.066		0.076	0.105
	Heating	Nom.		kW	0.046		0.056	0.085
Dimensions	Unit	HeightxWidthxDepth		mm	215x1,110x710			215x1,310x710
Weight	Unit			kg	31			34
Casing	Material				Galvanised steel plate			
Decoration panel	Model				BYK45FJW1			BYK71FJW1
	Colour				White			
	Dimensions	HeightxWidthxDepth		mm	70x1,240x800			70x1,440x800
	Weight			kg	8.5			9.5
Fan	Air flow rate - 50Hz	Cooling	Low/High	m^3/min	9/11		10/13	15/18
Air filter	Type				Resin net with mold resistance			
Sound power level	Cooling	High		dBA	54		56	58
Sound pressure level	Cooling	Low/High		dBA	33.0/38.0		34.0/40.0	37.0/42.0
Refrigerant	Type/GWP				R-410A/2,087.5			
Piping connections	Liquid	OD		mm	6.35			9.52
	Gas	OD		mm	12.7			15.9
	Drain				VP25 (O.D. 32 / I.D. 25)			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)			A	15			
Control systems	Infrared remote control				BRC4C61			
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52			

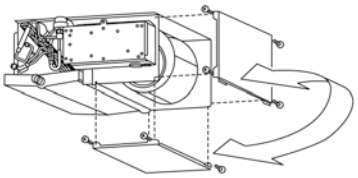
Slim concealed ceiling unit

Slim design for flexible installation

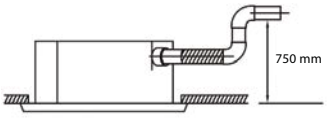
› Compact dimensions, can easily be mounted in a ceiling void of only 240mm



› Medium external static pressure up to 44Pa facilitates unit use with flexible ducts of varying lengths
› Discretely concealed in the wall: only the suction and discharge grilles are visible
› 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
› Auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter cleaning
› Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
› Flexible installation, as the air suction direction can be altered from rear to bottom suction



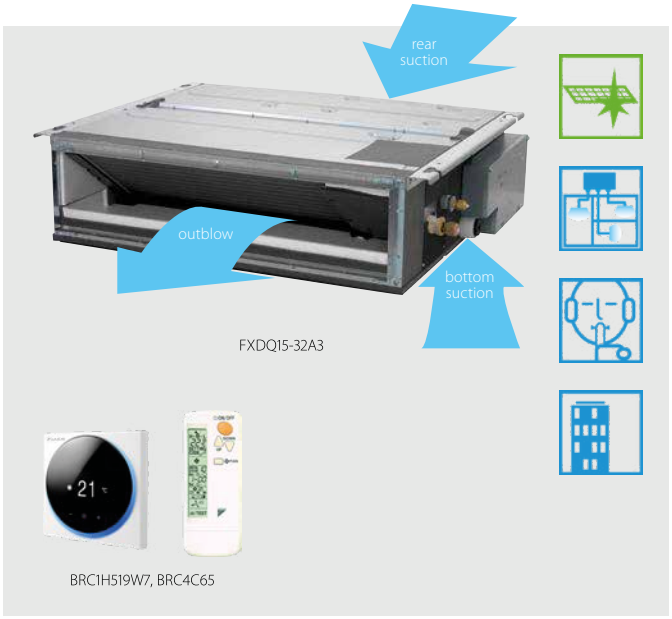
› Standard drain pump with 750mm lift increases flexibility and installation speed



Access all technical information on FXDQ-A3 at my.daikin.eu or click here

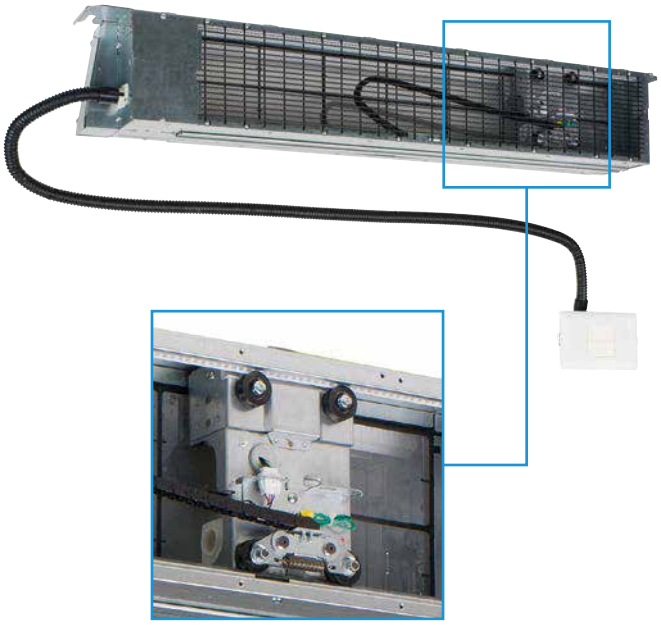
Access all technical information on BAE20A at my.daikin.eu or click here

More information on multi zoning kit in the controls chapter



FXDQ15-32A3

BRC1H519W7, BRC4C65



Auto cleaning filter option

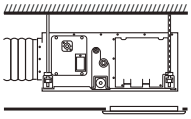
Indoor unit			FXDQ	15A3	20A3	25A3	32A3	40A3	50A3	63A3
Cooling capacity	Total capacity	Nom.	kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	Nom.	kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	Nom.	kW	0.071				0.078	0.099	0.110
	Heating	Nom.	kW	0.068				0.075	0.096	0.107
Required ceiling void >			mm	240						
Dimensions	Unit	HeightxWidthxDepth	mm	200x750x620				200x950x620		200x1,150x620
Weight	Unit		kg	22.0				26.0		29.0
Casing	Material			Galvanised steel						
Fan	Air flow rate - 50Hz	Cooling Low/High	m^3/min	6.4/7.5	6.4/8.0			8.5/10.5	10.0/12.5	13.0/16.5
	External static pressure - 50Hz	Nom./High	Pa	10/30.0				15/44.0		
Air filter	Type			Removable / washable						
Sound power level	Cooling	High	dBA	50	51			52	53	54
Sound pressure level	Cooling	Low/Nom./High	dBA	27.0/31.0/32.0	27.0/31.0/33.0			28.0/32.0/34.0	29.0/33.0/35.0	30.0/34.0/36.0
Refrigerant	Type/GWP			R-410A/2,087.5						
Piping connections	Liquid	OD	mm	6.35						9.52
	Gas	OD	mm	12.7						15.9
	Drain			VP20 (I.D. 20/O.D. 26)						
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220						
Current - 50Hz	Maximum fuse amps (MFA)		A	16						
Control systems	Infrared remote control			BRC4C65 / BRC4C66						
	Wired remote control			BRC1H519W7/S7/K7 / BRC1E53A/B/C/ BRC1D52						

Concealed ceiling unit with medium ESP

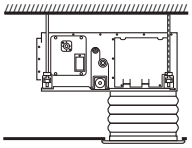
Slimmest yet most powerful medium static pressure unit on the market

› Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge

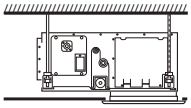
› Quiet operation: down to 25dBA sound pressure level
› Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
› Possibility to change ESP via wired remote control allows optimisation of the supply air volume
› Discretely concealed in the wall: only the suction and discharge grilles are visible
› 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
› Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
› 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



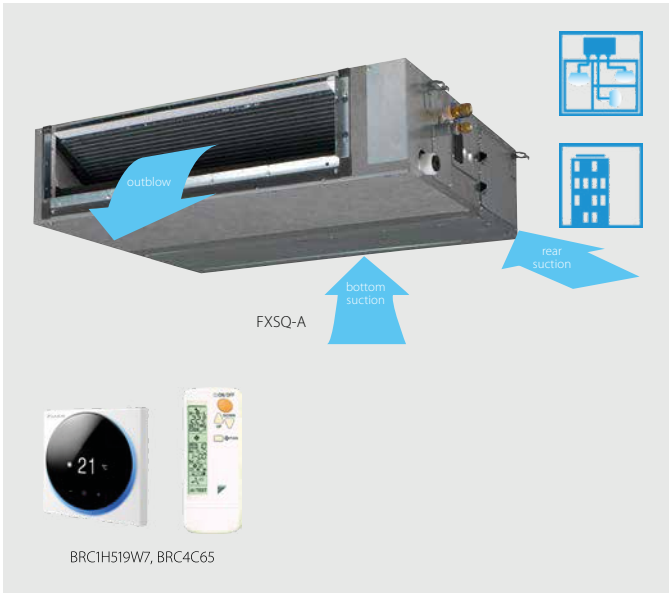
For free use into a false ceiling



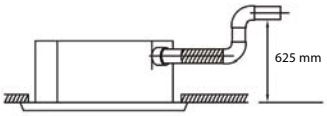
For connecting onto a suction canvas (not supplied by Daikin)



For direct connection to Daikin panel (via EKBYBSD kit)



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

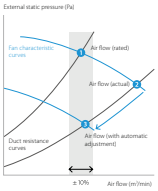


Automatic Airflow Adjustment function

Automatically selects the most appropriate fan curve to achieve the units' 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



Access all technical information on FXSQ-A at my.daikin.eu or click here

More information on multi zoning kit in the controls chapter

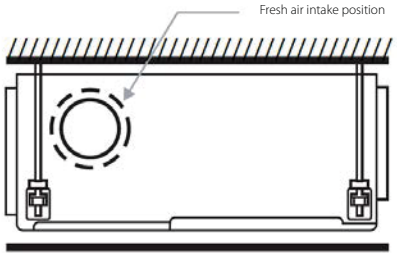
Indoor unit			FXSQ	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Total capacity	Nom.	kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00
Heating capacity	Total capacity	Nom.	kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0	18.0
Power input - 50Hz	Cooling	Nom.	kW	0.090			0.096	0.151	0.154	0.188	0.213	0.290	0.331	0.386
	Heating	Nom.	kW	0.086			0.092	0.147	0.150	0.183	0.209	0.285	0.326	0.382
Dimensions	Unit	HeightxWidthxDepth	mm	245x550x800				245x700x800		245x1,000x800		245x1,400x800		245x1,550x800
Weight	Unit		kg	23.5			24.0	28.5	29.0	35.5	36.5	46.0	47.0	51.0
Casing	Material			Galvanised steel plate										
Fan	Air flow rate - 50Hz	Cooling Low/High	m^3/min	6.5/8.7	6.5/9.0		7.0/9.5	11.0/15.0	11.0/15.2	15.0/21.0	16.0/23.0	23.0/32.0	26.0/36.0	28.0/39.0
		Heating Low/High	m^3/min	6.5/8.7	6.5/9.0		7.0/9.5	11.0/15.0	11.0/15.2	15.0/21.0	16.0/23.0	23.0/32.0	26.0/36.0	28.0/39.0
	External static pressure - 50Hz	Nom./High	Pa	30/150							40/150		50/150	
Air filter	Type			Resin net										
Sound power level	Cooling	High	dBA	54			55	60		59	61		64	
Sound pressure level	Cooling	Low/Nom./High	dBA	25.0/28.0/29.5	25.0/28.0/30.0		26.0/29.0/31.0	29.0/32.0/35.0		27.0/30.0/33.0	29.0/32.0/35.0	31.0/34.0/36.0	33.0/36.0/39.0	34.0/38.0/41.5
	Heating	Low/Nom./High	dBA	26.0/29.0/31.5	26.0/29.0/32.0		27.0/30.0/33.0	29.0/34.0/37.0		28.0/32.0/35.0	30.0/34.0/37.0	31.0/34.0/37.0	33.0/37.0/40.0	34.0/38.5/42.0
Refrigerant	Type/GWP			R-410A/2,087.5										
Piping connections	Liquid	OD	mm	6.35						9.52				
	Gas	OD	mm	12.7						15.9				
	Drain			VP20 (I.D. 20/O.D. 26), drain height 625 mm										
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220										
Current - 50Hz	Maximum fuse amps (MFA)		A	16										
Control systems	Infrared remote control			BRC4C65										
	Wired remote control			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52										

Concealed ceiling unit with high ESP

Ideal for large sized spaces
FXMQ-P7: ESP up to 200 Pa

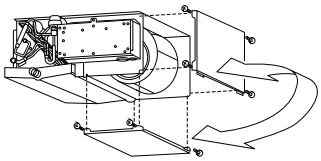
› Possibility to change ESP via wired remote control allows optimisation of the supply air volume
› High external static pressure up to 200Pa facilitates extensive duct and grille network
› Discretely concealed in the wall: only the suction and discharge grilles are visible
› Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

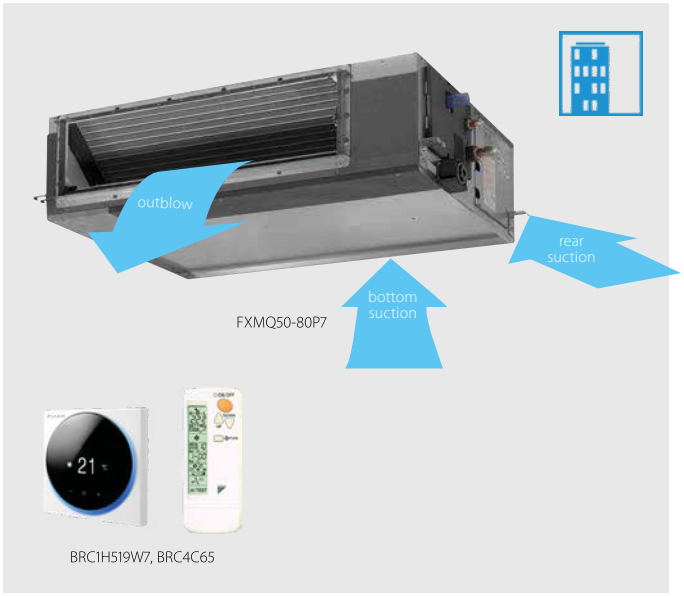
Fresh air intake opening in casing



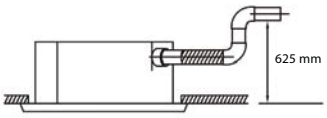
* Brings in up to 10% of fresh air into the room

› Flexible installation, as the air suction direction can be altered from rear to bottom suction





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



FXMQ-MB: ESP up to 270 Pa

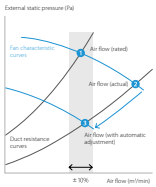
› High external static pressure up to 270Pa facilitates extensive duct and grille network
› Discretely concealed in the wall: only the suction and discharge grilles are visible
› Large capacity unit: up to 31.5 kW heating capacity

Automatic Airflow Adjustment function

Automatically selects the most appropriate fan curve to achieve the units' 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



Access all technical information on FXMQ-P7 at my.daikin.eu or click here

Access all technical information on FXMQ-MB at my.daikin.eu or click here

Indoor unit			FXMQ	50P7	63P7	80P7	100P7	125P7	200MB	250MB
Cooling capacity	Total capacity	Nom.	kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0
	Nom.		kW				-			
Heating capacity	Total capacity	Nom.	kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5
	Nom.		kW				-			
Power input - 50Hz	Cooling	Nom.	kW	0.110	0.120	0.171	0.176	0.241	0.895	1.185
	Heating	Nom.	kW	0.098	0.108	0.159	0.164	0.229	0.895	1.185
Required ceiling void >			mm			350			-	
Dimensions	Unit	HeightxWidthxDepth	mm		300x1,000x700		300x1,400x700		470x1,380x1,100	
Weight	Unit		kg		35		46		132	
Casing	Material					Galvanised steel plate				
Decoration panel	Model				BYBS71DJW1		BYBS125DJW1		-	
	Colour					White (10Y9/0.5)			-	
	Dimensions	HeightxWidthxDepth	mm		55x1,100x500		55x1,500x500		-x-x-	
	Weight		kg		4.5		6.5		-	
Fan	Air flow rate - 50Hz	Cooling Low/High	m^3/min	15.0/18.0	16.0/19.5	20.0/25.0	23.0/32.0	28.0/39.0	50/58	62/72
		Heating Low/High	m^3/min	15.0/18.0	16.0/19.5	20.0/25.0	23.0/32.0	28.0/39.0	-/-	
	External static pressure - 50Hz	Nom./High	Pa			100/200			160/270	170/270
Air filter	Type					Resin net			-	
Sound power level	Cooling	Nom./High	dBA	-/61	-/64	-/67	-/65	-/70	75/76	
Sound pressure level	Cooling	Low/High	dBA	37/41	38/42	39/43		40/44	45/48	
	Heating	Low/High	dBA	37/41	38/42	39/43		40/44	-/-	
Refrigerant	Type/GWP					R-410A/-			R-410A/2,087.5	
Piping connections	Liquid	OD	mm	6.35			9.52			
	Gas	OD	mm	12.7		15.9			19.1	22.2
	Drain					VP25 (I.D. 25/O.D. 32)			PS1B	
Power supply	Phase/Frequency/Voltage		Hz/V			1~/50/60/220-240/220			1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)		A			16				
Control systems	Infrared remote control					BRC4C65				
	Wired remote control					BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52				

Wall mounted unit

For rooms with no false ceilings nor free floor space

› 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

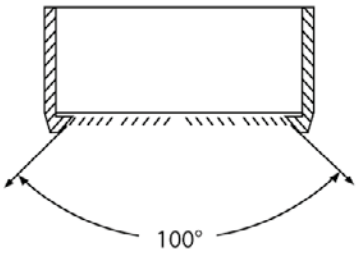
Access all technical information on FXAQ-A at my.daikin.eu or click here

Indoor unit			FXAQ	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	Nom.	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	Nom.	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.	kW	0.02		0.03		0.02	0.03	0.05
	Heating	Nom.	kW	0.03			0.04	0.02	0.04	0.06
Dimensions	Unit	HeightxWidthxDepth	mm	290x795x266				290x1,050x269		
Weight	Unit		kg	12				15		
Fan	Air flow rate - 50Hz	Cooling Low/High	m^3/min	7.0/8.4	7.0/9.1	7.0/9.4	7.0/9.8	9.7/12.2	11.5/14.4	13.5/18.3
Air filter	Type			Washable resin net						
Sound power level	Cooling	High	dBA	51.0	52.0	53.0	55.0		58.0	63.0
Sound pressure level	Cooling	Low/High	dBA	28.5/32.0	28.5/33.0	28.5/35.0	28.5/37.5	33.5/37.0	35.5/41.0	38.5/46.5
	Heating	Low/High	dBA	28.5/33.0	28.5/34.0	28.5/36.0	28.5/38.5	33.5/38.0	35.5/42.0	38.5/47.0
Refrigerant	Type/GWP			R-410A/2,087.5						
Piping connections	Liquid	OD	mm	6.35						9.52
	Gas	OD	mm	12.7						15.9
	Drain			VP13 (I.D. 15/O.D. 18)						
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240						
Current - 50Hz	Maximum fuse amps (MFA)		A	16						
Control systems	Infrared remote control			BRC7EA628 / BRC7EA629						
	Wired remote control			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52						

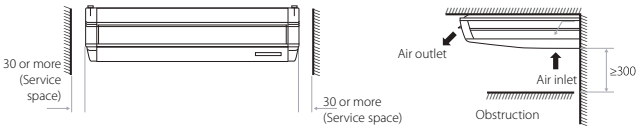
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

› 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



› Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

Fresh air intake opening in casing

* Brings in up to 10% of fresh air into the room

› Reduced energy consumption thanks to specially developed DC fan motor and drain pump
› 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

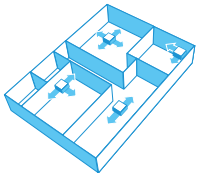
Access all technical information on FXHQ-A at my.daikin.eu or click here

Indoor unit			FXHQ	32A	63A	100A
Cooling capacity	Total capacity	Nom.	kW	3.6	7.1	11.2
Heating capacity	Total capacity	Nom.	kW	4.0	8.0	12.5
Power input - 50Hz	Cooling	Nom.	kW	0.107	0.111	0.237
	Heating	Nom.	kW	0.107	0.111	0.237
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690	235x1,270x690	235x1,590x690
Weight	Unit		kg	24	33	39
Casing	Material			Resin		
Fan	Air flow rate -	Cooling Low/High	m^3/min	10.0/14.0	14.0/20.0	19.0/29.5
	50Hz	Heating Low/High	m^3/min	10.0/14.0	14.0/20.0	19.0/29.5
Air filter	Type			Resin net with mold resistance		
Sound power level	Cooling	Nom./High	dBA	52/54	53/55	55/62
Sound pressure	Cooling	Low/Nom./High	dBA	31.0/34.0/36.0	34.0/35.0/37.0	34.0/37.0/44.0
level	Heating	Low/Nom./High	dBA	31.0/34.0/36.0	34.0/35.0/37.0	34.0/37.0/44.0
Refrigerant	Type/GWP			R-410A/2,087.5		
Piping connections	Liquid	OD	mm	6.35	9.52	
	Gas	OD	mm	12.7	15.9	
	Drain			VP20 (I.D. 20/O.D. 26)		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A	16		
Control systems	Infrared remote control			BRC7GA53-9		
	Wired remote control			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52		

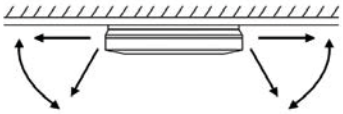
4-way blow ceiling suspended unit

Unique Daikin unit for high rooms with no false ceilings nor free floor space

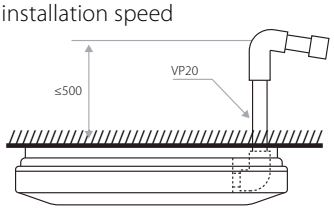
› Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
› Can easily be installed in both new and refurbishment projects
› Individual flap control: flexibility to suit every room layout without changing the location of the unit!



› 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
› Optimum comfort guaranteed with automatic air flow adjustment to the required load
› 5 different discharge angles between 0 and 60°can be programmed via the remote control



› Standard drain pump with 500mm lift increases flexibility and installation speed



Access all technical information on FXUQ-A at my.daikin.eu or click here

Indoor unit			FXUQ	71A	100A
Cooling capacity	Total capacity	Nom.	kW	8.0	11.2
Heating capacity	Total capacity	Nom.	kW	9.0	12.5
Power input - 50Hz	Cooling	Nom.	kW	0.090	0.200
	Heating	Nom.	kW	0.073	0.179
Dimensions	Unit	HeightxWidthxDepth	mm	198x950x950	
Weight	Unit		kg	26	27
Casing	Material			Resin	
Fan	Air flow rate -	Cooling Low/High	m^3/min	16.0/22.5	21.0/31.0
	50Hz	Heating Low/High	m^3/min	16.0/22.5	21.0/31.0
Air filter	Type			Resin net with mold resistance	
Sound power level	Cooling	Nom./High	dBA	56/58	62/65
Sound pressure	Cooling	Low/Nom./High	dBA	36.0/38.0/40.0	40.0/44.0/47.0
level	Heating	Low/Nom./High	dBA	36.0/38.0/40.0	40.0/44.0/47.0
Refrigerant	Type/GWP			R-410A/2,087.5	
Piping connections	Liquid	OD	mm	9.52	
	Gas	OD	mm	15.9	
	Drain			I.D. 20/O.D. 26	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220-230	
Current - 50Hz	Maximum fuse amps (MFA)		A	16	
Control systems	Infrared remote control			BRC7C58	
	Wired remote control			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52	

Concealed floor standing unit

Designed to be concealed in walls

› Discretely concealed in the wall: only the suction and discharge grilles are visible
› Requires very little installation space as the depth is only 200mm

› Its low height (620 mm) enables the unit to fit perfectly beneath a window
› High ESP allows flexible installation

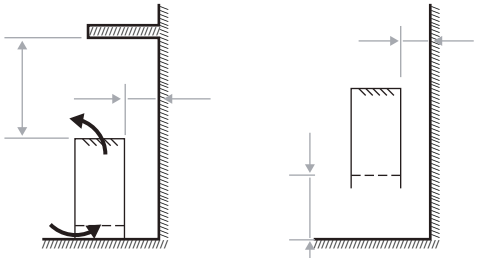
Access all technical information on FXNQ-A at my.daikin.eu or click here

Indoor unit				FXNQ	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	Nom.		kW	2.20	2.80	3.60	4.50	5.60	7.10
Heating capacity	Total capacity	Nom.		kW	2.50	3.20	4.00	5.00	6.30	8.00
Power input - 50Hz	Cooling	Nom.		kW	0.071			0.078	0.099	0.110
	Heating	Nom.		kW	0.068			0.075	0.096	0.107
Dimensions	Unit	HeightxWidthxDepth		mm	620 / 720x790x200			620 / 720x990x200		620 / 720x1,190x200
Weight	Unit			kg	23.5			27.5		32.0
Casing	Material				Galvanised steel plate					
Fan	Air flow rate - 50Hz	Cooling	Low/High	m^3/min	6.4/8.0			8.5/10.5	10.0/12.5	13.0/16.5
		Heating	Low/High	m^3/min	6.4/8.0			8.5/10.5	10.0/12.5	13.0/16.5
	External static pressure - 50Hz	Nom./High		Pa	10/41.0		10/42.0	15/52.0	15/59.0	15/55.0
Air filter	Type				Resin net					
Sound power level	Cooling	High		dBA	51			52	53	54
Sound pressure level	Cooling	Low/Nom./High		dBA	27.0/28.5/30.0			28.0/30.0/32.0	29.0/31.0/33.0	32.0/33.0/35.0
	Heating	Low/Nom./High		dBA	27.0/28.5/30.0			28.0/30.0/32.0	29.0/31.0/33.0	32.0/33.0/35.0
Refrigerant	Type/GWP				R-410A/2,087.5					
Piping connections	Liquid	OD		mm	6.35					9.52
	Gas	OD		mm	12.7					15.9
	Drain				VP20 (I.D. 20/O.D. 26)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	16					
Control systems	Infrared remote control				BRC4C65					
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52					

Floor standing unit

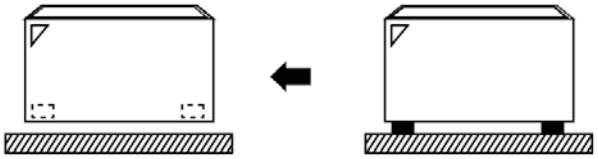
For perimeter zone air conditioning

› Unit can be installed as free standing model by use of optional back plate
› Its low height enables the unit to fit perfectly beneath a window
› Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011) blends easily with any interior
› Requires very little installation space



Floor standing Wall mounted

› Wall mounted installation facilitates cleaning beneath the unit where dust tends to accumulate



› Wired remote control can easily be integrated in the unit

FXLQ20,25P

BRC1H519W7, BRC4C65

Access all technical information on FXLQ-P at my.daikin.eu or click here

Indoor unit				FXLQ	20P	25P	32P	40P	50P	63P
Cooling capacity	Total capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.		kW	0.05		0.09		0.11	
	Heating	Nom.		kW	0.05		0.09		0.11	
Dimensions	Unit	HeightxWidthxDepth		mm	600x1,000x232		600x1,140x232		600x1,420x232	
Weight	Unit			kg	27		32		38	
Fan	Air flow rate - 50Hz	Cooling	Low/High	m^3/min	6.0/7		6.0/8	8.5/11	11.0/14	12.0/16
Air filter	Type				Resin net					
Sound power level	Cooling	High		dBA	54			57	58	59
Sound pressure level	Cooling	Low/High		dBA	32/35			33/38	34/39	35/40
	Heating	Low/High		dBA	32/35			33/38	34/39	35/40
Refrigerant	Type/GWP				R-410A/2,087.5					
Piping connections	Liquid	OD		mm	6.35					9.52
	Gas	OD		mm	12.7					15.9
	Drain				O.D. 21 (Vinyl chloride)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)			A	15					
Control systems	Infrared remote control				BRC4C65					
	Wired remote control				BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52					

Outdoor air processing unit

- 100% fresh air intake possible
- Ideal solution for shops, restaurants or offices requiring maximum floor space for funiture, decorations and fittings
- Operation range: -5°C to 43°C
  Up to 225Pa external static pressure allows extensive duct work runs and flexible application: ideal for use in large areas
- Drain pump kit available as accessory

FXMQ-MF

BRC1E52A-B, BRC4C65

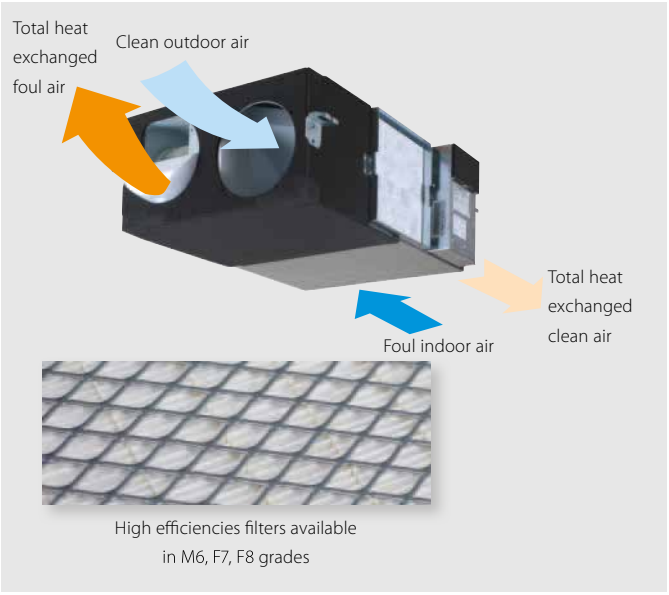
21- Technical Specifications					FXMQ125MF	FXMQ200MF	FXMQ250MF
Cooling capacity	Nom.			kW	14.0 (1)	22.4 (1)	28.0 (1)
Heating capacity	Nom.			kW	8.9 (2)	13.9 (2)	17.4 (2)
Connection ratio	Outdoor units	With only ventilation units connected	Minimum	%	50		
			Maximum	%	100		
	Ventilation units	when combined with VRV® indoor units	Maximum	%	30		
Casing	Material				Galvanised steel		
Dimensions	Unit	Height		mm	470		
		Width		mm	744	1,380	
		Depth		mm	1,100		
Weight	Unit			kg	86	123	
Heat exchanger	Rows	Quantity			3		
	Stages	Quantity			26		
	Fin pitch			mm	2.0		
	Face area			m2	0.28	0.65	
Fan	Type				Sirocco fan		
	External static pressure - 50Hz		High	Pa	185	225	205
Fan motor	Model				D134/G2DA1		
	Output	50 Hz	W		380		
	Drive				Direct drive		
Operation range	On coil temperature	Cooling	Max	*CDB	43 (13)		
		Heating	Min	*CDB	-5		
Refrigerant	Control				Electronic expansion valve		
	Type				R-410A		
Piping connections	Liquid	Type			Flare connection		
		OD		mm	9.52		
	Gas	Type			Flare connection	Braze connection	
		OD		mm	15.9	19.1	22.2
	Drain				PS1B		
Safety devices	Item	01			Thermal protector for fan motor, muse		

22- Electrical Specifications			FXMQ125MF	FXMQ200MF	FXMQ250MF
Power supply	Phase		1*		
	Frequency	Hz	50		
	Voltage	V	220-240		
Voltage range	Min.	%	*10		
	Max.	%	10		
Current	Minimum circuit amps (MCA)	A	1.9	3.3	3.8
	Maximum fuse amps (MCA)	A	15		
	Fan motor rated output	kW	0.380		
	Full load amps (FLA)	A	1.5	2.6	3.0

Heat reclaim ventilation

Ventilation with heat recovery as standard

- Energy saving ventilation using indoor heating, cooling and moisture recovery
- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Free cooling possible when outdoor temperature is below indoor temperature (eg. during nighttime)
- Reduced energy consumption thanks to specially developed DC fan motor
- Prevent energy losses from over-ventilation while improving indoor air quality with optional CO2 sensor
- Can be used as stand alone or integrated in the Sky Air or VRV system
- Wide range of units: air flow rate from 150 up to 2,000 m^3/h
- Optional medium and fine dust filters M6, F7, F8 to meet customer request or legislation
- Shorter installation time thanks to easy adjustment of nominal air flow rate, so less need for dampers compared with traditional installation.
- Specially developed heat exchange element with High Efficiency Paper (HEP)



- No drain piping needed
- Can operate in over- and under pressure
- Total solution for fresh air with Daikin supply of both VAM / VKM and electrical heaters

n o i t a l i t n e V				VAM	150FC	250FC	350FC	500FC	650FC	800FC	1000FC	1500FC	2000FC
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high/High/Low	kW	0.132/0.111/0.058	0.161/0.079/0.064	0.071 (1)/0.057 (1)/0.020 (1)	0.147 (1)/0.101 (1)/0.049 (1)	0.188 (1)/0.114 (1)/0.063 (1)	0.320 (1)/0.241 (1) / 0.185 (1)	0.360 (1)/0.309 (1) /0.198 (1)	0.617 (1)/0.463 (1) /0.353 (1)	0.685 (1)/0.575 (1) /0.295 (1)
	Bypass mode	Nom.	Ultra high/High/Low	kW	0.132/0.111/0.058	0.161/0.079/0.064	0.071 (1)/0.057 (1)/0.020 (1)	0.147 (1)/0.101 (1)/0.049 (1)	0.188 (1)/0.114 (1)/0.063 (1)	0.320 (1)/0.241 (1)/ 0.185 (1)	0.360 (1)/0.309 (1)/ 0.198 (1)	0.617 (1)/0.463 (1)/ 0.353 (1)	0.685 (1)/0.575 (1)/ 0.295 (1)
Temperature exchange efficiency - 50Hz	Ultra high/High/Low			%	77.0 (2) / 72.0 (3) / 78.3 (2) / 72.3 (3) /82.8 (2) /73.2 (3)	74.9 (2) / 69.5 (3) / 76.0 (2) / 70.0 (3) / 80.1 (2) / 72.0 (3)	78.0 (2) / 71.6 (4) / 79.3 (2) / 71.9 (4) / 84.1 (2) / 73.0 (4)	77.0 (2) / 70.2 (4) / 78.8 (2) / 70.7 (4) / 80.9 (2) / 71.3 (4)	77.0 (2) / 69.8 (4) / 79.1 (2) / 71.2 (4) / 81.1 (2) / 72.9 (4)	77.0 (2) / 67.8 (4) / 78.2 (2) / 68.8 (4) / 79.1 (2) / 69.6 (4)	78.0 (2) / 70.2 (4) / 78.6 (2) / 71.1 (4) / 80.2 (2) / 73.4 (4)	78.0 (2) / 69.5 (4) / 79.6 (2) / 70.3 (4) / 80.8 (2) / 71.0 (4)	78.0 (2) / 70.2 (4) / 79.6 (2) / 71.3 (4) / 80.6 (2) / 74.6 (4)
Enthalpy exchange efficiency - 50Hz	Cooling	Ultra high/High/Low		%	60.3 (2)/61.9 (2)/ 67.3 (2)	60.3 (2)/61.2 (2)/ 64.5 (2)	63.4 (2)/65.0 (2)/ 70.7 (2)	60.3 (2)/63.4 (2)/ 66.9 (2)	60.3 (2)/64.0 (2)/ 67.3 (2)	62.4 (2)/63.6 (2)/ 64.6 (2)	63.4 (2)/64.2 (2)/ 66.3 (2)	63.4 (2)/65.0 (2)/ 66.2 (2)	63.4 (2)/64.5 (2)/ 67.8 (2)
	Heating	Ultra high/High/Low		%	66.6 (2)/67.9 (2)/ 72.4 (2)	66.6 (2)/67.4 (2)/ 70.7 (2)	67.6 (2)/68.9 (2)/ 73.7 (2)	64.5 (2)/67.6 (2)/ 71.1 (2)	65.5 (2)/67.7 (2)/ 69.7 (2)	67.6 (2)/68.8 (2)/ 69.8 (2)	68.6 (2)/69.4 (2)/ 71.5 (2)	68.6 (2)/69.7 (2)/ 70.5 (2)	68.6 (2)/69.5 (2)/ 72.1 (2)
Operation mode					Heat exchange mode, bypass mode, fresh-up mode								
Heat exchange system					Air to air cross flow total heat (sensible + latent heat) exchange								
Heat exchange elem t n e					lylprocessedmonflammable paper								
Dimensions	Unit	HeightxWidthxDepth		mm	285x776x525		301x828x816		364x1,000x868		364x1,000x160	726x1,510x868	726x1,510x160
Weig t h t i n U				kg	24.0		33.0		51.0	54.0	63.0	128	145
Casing	Material				Galvanised steel plate								
Fan-Air flow rate - 50Hz	Heat exchange mode	Ultra high/High/Low		m^3/h	150 (5)/140 (5)/105 (5)	250 (5)/230 (5)/155 (5)	350 (1)/320 (1)/210 (1)	500 (1)/410 (1)/310 (1)	650 (1)/545 (1)/450 (1)	800 (1)/725 (1)/665 (1)	1,000 (1)/950 (1)/820 (1)	1,500 (1)/1,350 (1)/1,230 (1)	2,000 (1)/1,880 (1) /1,500 (1)
	Bypass mode	Ultra high/High/Low		m^3/h	150 (5)/140 (5)/105 (5)	250 (5)/230 (5)/155 (5)	350 (1)/320 (1)/210 (1)	500 (1)/410 (1)/310 (1)	650 (1)/545 (1)/450 (1)	800 (1)/725 (1)/665 (1)	1,000 (1)/950 (1)/820 (1)	1,500 (1)/1,350 (1)/1,230 (1)	2,000 (1)/1,880 (1) /1,500 (1)
Fan-External static pressure - 50Hz	Ultra high/High/Low			Pa	90 (5)/87 (5)/ 40 (5)	70 (5)/63 (5)/ 25 (5)	103 (1)/93 (1)/ 51 (1)	83 (1)/57 (1)/ 35 (1)	100 (1)/73 (1)/ 49 (1)	109 (1)/94 (1)/ 78 (1)	147 (1)/135 (1)/ 100 (1)	116 (1)/97 (1)/ 80 (1)	132 (1)/118 (1)/ 77 (1)
Air filter	Type				Multidirectional fibrous fleeces								
Sound pressure level - 50Hz	Heat exchange mode	Ultra high/High/Low		dBA	27.0/26.0/20.5	28.0/26.0/21.0	32.0/31.5/23.5	33.0/31.5/24.5	34.5/33.0/27.0	36.0/34.5/31.0	36.0/35.0/31.0	39.5/38.0/34.0	40.0/38.0/35.0
	Bypass mode	Ultra high/High/Low		dBA	27.0/26.5/20.5	28.0/27.0/21.0	32.0/31.0/24.5	33.5/32.5/25.5	34.5/34.0/27.0	36.0/34.5/31.0	36.0/35.5/31.0	40.5/38.0/33.5	40.0/38.0/35.0
Operation rang	. n i M e			°CDB	-15								
	. x a M			°C B	D 50								
	Relative humidity			%	80% s s e l r o								
Connection duct diameter				mm	100	150		200		250		350	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220								
Current	Maximum fuse amps (MFA)			A	15.0		16.0						
Specific energy consumption (SEC)	Cold climate			kWh/(m^2.a)	-56.0 (6)	-60.5 (6)	-						
	Average climate			kWh/(m^2.a)	-22.1 (6)	-27.0 (6)	-						
	Warm climate			kWh/(m^2.a)	-0.100 (6)	-5.30 (6)	-						
SEC class					D / (6)	B / (6)	-						
Maximum flow rate at 100 Pa ESP	Flow rate			m^3/h	130 (5)	207 (5)	-						
	Electric pow t u p n i r e			W	129	160	-						
Sound power level (Lw) a				dB	40	43	48	50	51	53		55	57
Annual electricity consum n o i t p				kWh/a	18.9 (6)	13.6 (6)	-						
Annual heating saved	Cold clim e t a			kWh/a	41.0 (6)	40.6 (6)	-						
	Average clim e t a			kWh/a	80.2 (6)	79.4 (6)	-						
	Warm clim e t a			kWh/a	18.5 (6)	18.4 (6)	-						

(1) Measured on fan curve 15. Refer to fan curves. (2) Measured according to JIS B 8628 (3) Measured at reference flow rate according to EN13141-7 (4) Measured according to EN308 : 1997 (5) Clean the filter when the filter icon appears on the controller screen. Regular filter cleaning is important for delivered air quality and for the unit's energy efficiency. (6) In accordance with commission regulation (EU) No 1254/2014 | In accordance with commission regulation (EU) No 1253/2014 | At reference flow rate in accordance with commission regulation (EU) No 1254/2014

Energy reclaim ventilation, humidification and air processing

Pre heating or cooling of fresh air for lower load on the air conditioning system

- Energy saving ventilation using indoor heating, cooling and moisture recovery
- Creates a high quality indoor environment by pre conditioning incoming fresh air
- Humidification of the incoming air results in comfortable indoor humidity level, even during heating
- Free cooling possible when outdoor temperature is below indoor temperature (eg. during nighttime)
- Low energy consumption thanks to DC fan motor
- Prevent energy losses from over-ventilation while improving indoor air quality with optional CO_2 sensor
- Shorter installation time thanks to easy adjustment of nominal air flow rate, so less need for dampers compared with traditional installation.
- Specially developed heat exchange element with High Efficiency Paper (HEP)
- Can operate in over- and under pressure

VKM80-100GB(M)

Ventilation			VKM-GB/VKM-GBM		50GB	80GB	100GB	50GBM	80GBM	100GBM
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high/ High/Low	kW	0.270/0.230/ 0.170	0.330/0.280/ 0.192	0.410/0.365/ 0.230	0.270/0.230/ 0.170	0.330/0.280/ 0.192	0.410/0.365/ 0.230
	Bypass mode	Nom.	Ultra high/ High/Low	kW	0.270/0.230/ 0.140	0.330/0.280/ 0.192	0.410/0.365/ 0.230	0.270/0.230/ 0.170	0.330/0.280/ 0.192	0.410/0.365/ 0.230
Fresh air conditioning load	Cooling			kW	4.71 / 1.91 / 3.5	7.46 / 2.96 / 5.6	9.12 / 3.52 / 7.0	4.71 / 1.91 / 3.5	7.46 / 2.96 / 5.6	9.12 / 3.52 / 7.0
	Heating			kW	5.58 / 2.38 / 3.5	8.79 / 3.79 / 5.6	10.69 / 4.39 / 7.0	5.58 / 2.38 / 3.5	8.79 / 3.79 / 5.6	10.69 / 4.39 / 7.0
Temperature exchange efficiency - 50Hz	Ultra high/High/Low			%	76/76/77.5	78/78/79	74/74/76.5	76/76/77.5	78/78/79	74/74/76.5
Enthalpy exchange efficiency - 50Hz	Cooling	Ultra high/High/Low		%	64/64/67	66/66/68	62/62/66	64/64/67	66/66/68	62/62/66
	Heating	Ultra high/High/Low		%	67/67/69	71/71/73	65/65/69	67/67/69	71/71/73	65/65/69
Operation mode					Heat exchange mode / Bypass mode / Fresh-up mode					
Heat exchange system					Air to air cross flow total heat (sensible + latent heat) exchange					
Heat exchange element					Specially processed non-flammable paper					
Humidifier	System				-			Natural evaporating type		
Dimensions	Unit	HeightxWidthxDepth		mm	387x1,764x832	387x1,764x1,214		387x1,764x832	387x1,764x1,214	
Weight	Unit			kg	94	110	112	100	119	123
Casing	Material				Galvanised steel plate					
Fan-Air flow rate - 50Hz	Heat exchange mode	Ultra high/High/Low		m^3/h	500/500/440	750/750/640	950/950/820	500/500/440	750/750/640	950/950/820
	Bypass mode	Ultra high/High/Low		m^3/h	500/500/440	750/750/640	950/950/820	500/500/440	750/750/640	950/950/820
Fan-External static pressure - 50Hz	Ultra high/High/Low			Pa	210/170/140	210/160/110	150/100/70	200/150/120	205/155/105	110/70/60
Air filter	Type				Multidirectional fibrous fleeces					
Sound pressure level - 50Hz	Heat exchange mode	Ultra high/High/Low		dBA	39/37/35	41.5/39/37	41/39/36.5	38/36/34	40/37.5/35.5	40/38/35.5
	Bypass mode	Ultra high/High/Low		dBA	40/38/35.5	41.5/39/37	41/39/36.5	39/36/34.5	41/38/36	41/39/35.5
Operation range	Around unit			°CDB	0°C~40°CDB, 80% RH or less					
	Supply air			°CDB	-15°C~40°CDB, 80% RH or less					
	Return air			°CDB	0°C~40°CDB, 80% RH or less					
	On coil temperature	Cooling/Max./Heating/Min.		°CDB	-15/43			-15/43		
Refrigerant	Control				Electronic expansion valve					
	Type				R-410A					
	GWP				2,087.5					
Connection duct diameter				mm	200	250		200	250	
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	12.7					
	Water supply			mm	-			6.4		
	Drain				PT3/4 external thread					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240					
Current	Maximum fuse amps (MFA)			A	15					

Madoka

The beauty of simplicity.

Silver
RAL 9006 (metallic)
BRC1H519S

Black
RAL 9005 (matt)
BRC1H519K

White
RAL9003 (glossy)
BRC1H519W

User-friendly wired remote controller with premium design

Madoka combines refinement and simplicity

- Sleek and elegant design
- Intuitive touch-button control
- Two display options: standard and detailed
- Three colours to match any interior
- Compact, measures only 85 x 85 mm
- Advanced settings and commissioning via smartphone

reddot award 2018
winner

DESIGN AWARD 2018

Madoka Assistant

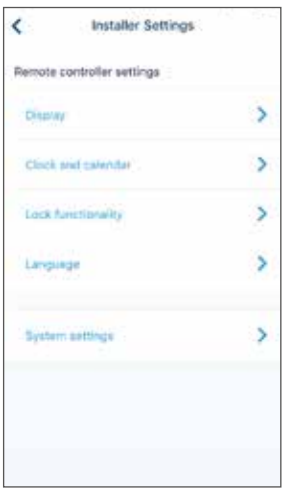
Simplifies the advanced settings such as schedule or set point limitation

- ☑ Visual interface simplifies advanced settings such as schedule setting, energy saving activation, setting restrictions, etc.
- ☑ Easy and quick commissioning, saves time and cost for installers
- ☑ Featuring Bluetooth® low energy technology

Easy setting of schedules

Advanced user settings

Installer settings



Field settings

BRC1H519W / BRC1H519S / BRC1H519K

Madoka wired remote controller for Sky Air and VRV


BRC1H51(9)W


BRC1H51(9)S


BRC1H51(9)K

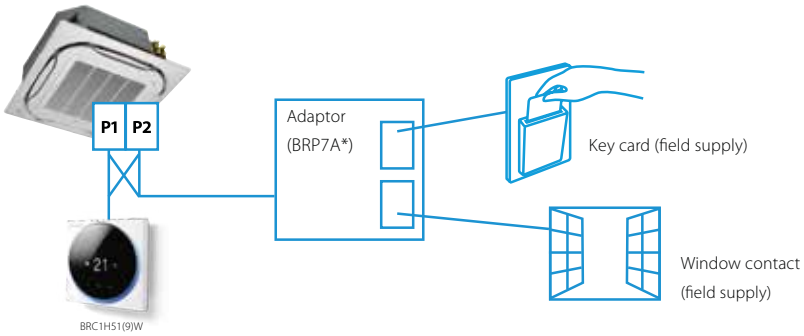
A complete redesigned controller focussed to enhance user experience

› Sleek and elegant design
› Intuitive touch-button control
› Two display options: standard and detailed
› Direct access to basic functions
(on/off, set point, mode, target values, fan speed, louvres, filter icon & reset (4), error & code)
› Three colours to match any interior
› Compact, measures only 85 x 85 mm
› Real time clock with auto update to daylight saving time
› Equipped with a buzzer

Hotel application features

› Energy saving through key card, window contact integration and set point limitation (BRP7A*)
› Flexible setback function ensures room temperature remains within comfortable limits to ensure guest comfort

Key card and window contact integration



Madoka Assistant: Advanced settings can be easily done via your smartphone

A range of energy-saving functions that can be selected individually

› Temperature range restriction
› Setback function
› Adjustable presence detector and floor sensor (available on the Round Flow and Fully Flat Cassettes)
› Automatic temperature reset (4)
› Auto off timer

Temperature range restriction means no excessive heating/cooling

Save on energy by setting the low-temperature limit in cooling mode and
the high-temperature limit in heating mode. (1)

Kilowatt-hour consumption tracking (2)

The kWh indicator displays indicative power consumption for the last day/month/year. (4)

Other functions

› Up to three independent schedules can be programmed, allowing you to switch easily between them throughout the year (e.g. summer/winter/mid-season)
› Menu settings can be individually locked or restricted
› The outdoor unit (3) can be set to quiet mode
› Real-time clock that updates automatically for daylight saving

DUTY ROTATION

Cost-effective solution for infrastructure cooling applications

> Only in combination with RZAG* / RZQG*
> Duty rotation

After a certain period of time, the operating unit will go into standby and the standby unit will take over, extending the system lifetime.

Rotation interval can be set for 6, 12, 24, 72 or 96 hours, as well as weekly.

> Back-up operation: if one unit fails, the other unit will start automatically

(1) Also available in auto cooling/heating changeover mode
(2) For Sky Air FBA, FCAG and FCAHG pair combinations only
(3) Only available on RZAG*, RZASG*, RZQG*, RZQSG*
(4) Feature will become available with future app updates from the second half of 2018 onwards.

AZCE6BLUEFACECB / AZCE6THINKRB / AZCE6LITERB

Controls for multi zoning kits

3 controller versions are available to choose from: Colour, touch or simplified

AZCE6BLUEFACECB

Blueface - main thermostat

› Intuitive graphical, colour touch screen for controlling multiple zones
› Wired communication
› Optional bus cable (2 x 0.5 mm^2 + 2 x 0.22 mm^2) (10m cable length)

AZCE6THINKRB

Think - zone thermostat

› Graphic touch button with low-energy e-ink screen for controlling single zones
› Low energy radio communication with proprietary protocol (868MHz)


AZCE6LITERB

Lite - zone thermostat

› Simplified thermostat with touch buttons for temperature control
› Low energy radio communication with proprietary protocol (868MHz)

* The wired Daikin BRC1E / BRC1H remote control is needed to control operation and maintenance.

ARCWLA / ARCWB

Siesta individual control systems


ARCWB

Specifications

› Dimensions (length x width x height) ARCWB: 0.15 m x 0.21 m x 0.04 m.
› ARCWB comes standard with a 10 metre cable, which can be extended to maximum cable length of 15 metres. ARCWB can only control one indoor unit at a time; group control is only possible when using option R04084124324.

- Standard
• By dipswitch selection
•• 1, 2 & 4 hours delay

Overview controllers for Siesta Sky Air

Siesta Sky Air indoor units	Controllers
AHQ-C ceiling suspended	• Standard infrared remote control in box of indoor unit ARCWLA • Wired remote control ARCWB • Optional group controller R04084124324
ABQ-C concealed ceiling	• Standard wired remote control (ARCWB) in box of indoor unit • Optional group controller R04084124324

	Feature		ARCWB
			AHQ-C / Standard for ABQ-C
1	ON/OFF switch		-
2	Temperature setting	Default range 16-30°C	-
		Optional range 20-30°C	•
		Switch between °C and °F	-
3	Room temperature sensor on remote control		-
4	Cool / Fan dry / Heat / Auto		-
5	Sleep mode		-
6	Fan Speed selection		-
7	Delay timer		••
8	7-days programmable timer		-
9	Real time clock display		-
10	Air swing selection	ON/OFF swing mode	-
		Change swing option (draft/soil prevention or standard)	-
11	LCD display without backlight		-
12	Key lock		-
13	Error code indication		-
14	IR receiver to enable compatibility with infrared remote control (disabled when lock function is activated)		-
15	Last state memory from indoor PCB		-
16	Silent mode		•
17	Turbo mode		•
18	Compressor test model (compressor force ON)		-
19	Daikin inverter error code		-
20	UART communication port (for Daikin protocol)		-
21	Backup battery		-

EKRUCBL/EKRUCBS/EKRUDAS

Wired remote control for Heating

EKRUCBL

EKRUCBS

› User friendly remote control with contemporary design
› For control of space heating, cooling and domestic hot water with among others reheat, scheduled and booster mode
› Easy to use: all main functions directly accessible
› An additional user interface can be a room thermostat in the space to be heated.
› Several languages possible depending on the model : English, German, Dutch, Spanish, Italian, French, Greek, Russian, etc.
› Easy commissioning: intuitive interface for advanced menu settings

› User friendly simplified remote control with contemporary design
› For control of space heating, cooling and domestic hot water, including booster mode
› Easy to use: all main functions directly accessible
› The simplified user interface can only be used in combination with the main user interface
› Use of universal symbols, no text
› EKRUDAS: Remote control only for Daikin Altherma 3. Features are limited to basic controls such as temperature management.

BRC073

Wired remote control for residential use

BRC073

› User friendly remote control with contemporary design
› Easy to use: all main functions directly accessible
› Easy commissioning: intuitive interface for advanced menu settings
› Optimise your air conditioning system by activating a series of energy saving functions (temperature range limit, setback function, off timer,…)
› Set up to 3 independent schedules, so the user can easily cange the schedule himself throughout the year (e.g. summer, winter, mid-season)
› Real time clock with auto update to daylight saving time
› Supports multiple languages (English, German, French, Italian, Spanish, Portuguese, Dutch, Czech, Croatian, Hungarian, Slovenian, Romanian, Bulgarian, Russian, Greek, Turnish, Polish, Serbian and Slovak) (depending on language package)

› Possibility to individually restrict menu functions
› Possibility to individually restrict each button
› Possibility to individually restrict each operation mode (Cooling, Heating, Auto, etc.)
› When a power failure occurs all settings remain stored and the clock keeps running for up to 48 hours thanks to the built-in backup power
› Setback operation maintains the indoor temperature at your specified comfort level during absence, thus saving energy

Note: Cable for wired remote control BRCW901A03 (3m) or BRCW901A08 (8m) required

ARC4*/BRC4*/BRC7*

Infrared remote control

ARC466A1

BRC4*/BRC7*

Operation buttons: ON / OFF, timer mode start / stop, timer mode on / off, programme time, temperature setting, air flow direction (1), operating mode, fan speed control, filter sign reset (2), inspection (2)/ test indication (2)
Display: Operating mode, battery change, set temperature, air flow direction (1), programmed time, fan speed, inspection / test operation (2)

1. Not applicable for FXDQ, FXSQ, FXNQ, FBDQ, FDXM, FBA
2. For FX** units only
3. For all features of the remote control, refer to the operation manual

Online controller

BRP069B4145/42/
BRP069A6182/81/62/

Always in control,
no matter where you are

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

Monitor:
› The status of your air conditioner or heating system
› Consult **energy consumption graphs** (1)

Control:
› The **operation mode**, set temperature, fan speed and powerful mode, air direction and filtering (streamer) function (Available functions depending on connected model) (2)
› Remotely control your system and domestic hot water
› **Zone control**: control **multiple** units at once (Split and Daikin Altherma integrated bi-zone only)

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

App with intuitive lay-out

Control

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

Schedule

Schedule the set temperature, operation mode and fan speed

Monitor

Monitor your energy consumption, set holiday schedule

Identify

Identify the rooms in your house

Available functions and menus depend on the connected indoor unit
(1) Available for Split and Daikin Altherma 3 models
(2) For heating products Online controller is only compatible with Room Temperature control (and not Leaving Water Temperature control or external control)

Connectable units

Included in PCB
› FTXA-AW/S/T

BRP069B41
› FTXG-LW/S
› FTXJ-MW/S *
› C/FTXM-N
› FTXTM-M
› ATXM-N

BRP069B42
› FTXZ-N
› FVXM-F

BRP069B45
› FTXP-M
› ATXP-M
› FTXF-A
› FTXTP-K
› ATXTP-K
› FTXC-B
› ATXC-B

BRP069A6162/
Daikin Altherma ground source heat pump
› EGSQH-A9W
Daikin Altherma hybrid heat pump
› EHYHBH(X)-AV3(2)
Daikin Altherma low temperature split
› EHBH(X)-CB/D
› EHV(H/X/Z)-CB/D
Daikin Altherma low temperature monobloc
› EBLQ-CV3
› EDLQ-CV3

BRP069A81 **
Ceiling mounted
› FFA-A9
Concealed ceiling
› FDXM-F9
› FBA-A9
› FDA-A
› ADEA-A
Wall mounted
› FAA-A
Ceiling suspended
› FHA-A9
› FUA-A
Floor standing
› FVA-A
› FNA-A9

BRP069A812 **
Ceiling mounted
› FCAHG-H
› FCAG-B

* controller included with the unit
** Wired remote controller must be connected to the indoor unit to operate online controller

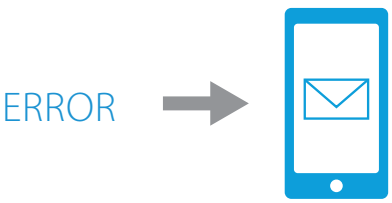
IFTTT: make your work flow

IFTTT is a solution that connects compatible 3rd party products and services (smart meters, lights, thermostats, ...), so they work best for you.
Within IFTTT, 2 operation set-ups can be made:
› DO: it simply executes an action (e.g.: on/off)
› IFTTT stands for If This Then That and allows you to automate actions (Then That) depending on certain triggers (If This)
› Available for split and Sky Air models

Example

IF you exit an area, **THEN** turn off the heating.
The trigger is location, which is determined by your smartphone. If you leave an area, such as your house for example, your heating will turn off automatically.

IF there is an error signal on the unit, **THEN** a text message is sent (to the installer/user/...)



Wireless LAN Connecting Adaptor BRP069 meets all of the following:

A. Generally available to the public by being sold, without restriction, from stock at retail selling points by means of any of the following: 1. Over-the-counter transactions; 2. Mail order transactions; 3. Electronic transactions; or 4. Telephone call transactions;
B. The cryptographic functionality cannot easily be changed by the user;
C. Designed for installation by the user without further substantial support by the supplier.

Centralised control of the Sky Air and VRV system can be achieved via 3 user friendly compact remote controllers. These controls may be used independently or in combination with:
1 group = several (up to 16) indoor units in combination
1 zone = several groups in combination.
A centralised remote control is ideal for use in tenanted commercial buildings subject to random occupation, enabling indoor units to be classified in groups per tenant (zoning).
The schedule timer programmes the schedule and operation conditions for each tenant and the control can easily be reset according to varying requirements.

DCS302C51

Centralised remote control

Providing individual control of 64 groups (zones) of indoor units.

› a maximum of 64 groups (128 indoor units, max. 10 outdoor units) can be controlled
› a maximum of 128 groups (128 indoor units, max. 10 outdoor units) can be controlled via 2 centralised remote controls in separate locations
› zone control
› group control
› malfunction code display
› maximum wiring length of 1,000m (total: 2,000m)
› air flow direction and air flow rate of HRV can be controlled
› expanded timer function

DST301B51

Schedule timer

Enabling 64 groups to be programmed.

› a maximum of 128 indoor units can be controlled
› 8 types of weekly schedule
› a maximum of 48 hours back up power supply
› a maximum wiring length of 1,000m (total: 2,000m)

DCS301B51

Unified ON/OFF control

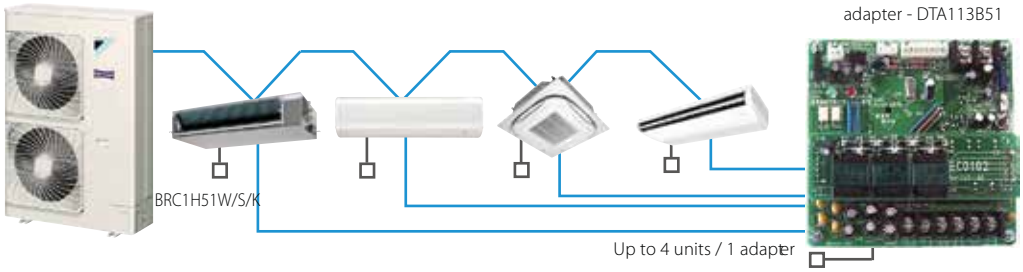
Providing simultaneous and individual control of 16 groups of indoor units.

› a maximum of 16 groups (128 indoor units) can be controlled
› 2 remote controls in separate locations can be used
› operating status indication (normal operation, alarm)
› centralised control indication
› maximum wiring length of 1,000m (total: 2,000m)

DTA113B51

Basic solution for control of Sky Air and VRV

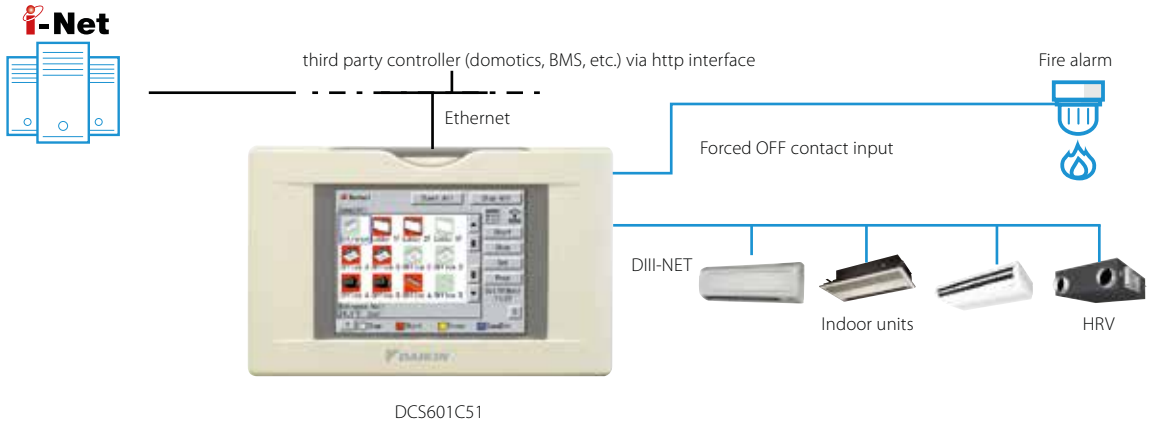
› Rotation function
› Backup operation function.



intelligent touch Controller

DCS601C51

Detailed & easy monitoring and operation of VRV systems (max. 64 indoor units groups).



Languages
› English
› French
› German
› Italian
› Spanish
› Dutch
› Portuguese

System layout
› Up to 64 indoor units can be controlled
› Touch panel (full colour LCD via icon display)

Control
› Individual control (set point, start/stop, fan speed) (max. 64 groups/indoor units)
› Set back shedule
› Enhanced scheduling function (8 schedules, 17 patterns)
› Flexible grouping in zones
› Yearly schedule
› Fire emergency stop control
› Interlocking control
› Increased HRV monitoring and control function
› Automatic cooling / heating change-over
› Heating optimization
› Temperature limit
› Password security: 3 levels (general, administration & service)
› Quick selection and full control
› Simple navigation

Monitoring
› Visualisation via Graphical User Interface (GUI)
› Icon colour display change function
› Indoor units operation mode
› Indication filter replacement

Cost performance
› Free cooling function
› Labour saving
› Easy installation
› Compact design: limited installation space
› Overall energy saving

Open interface
› Communication to any third party controller (domotics, BMS, etc.) is possible via open interface (http option DCS007A51)

Connectable to
› VRV
› HRV
› Sky Air
› Split (via interface adapter)

Intelligent Tablet Controller

DCC601A51

Advanced centralised controller with Cloud connection

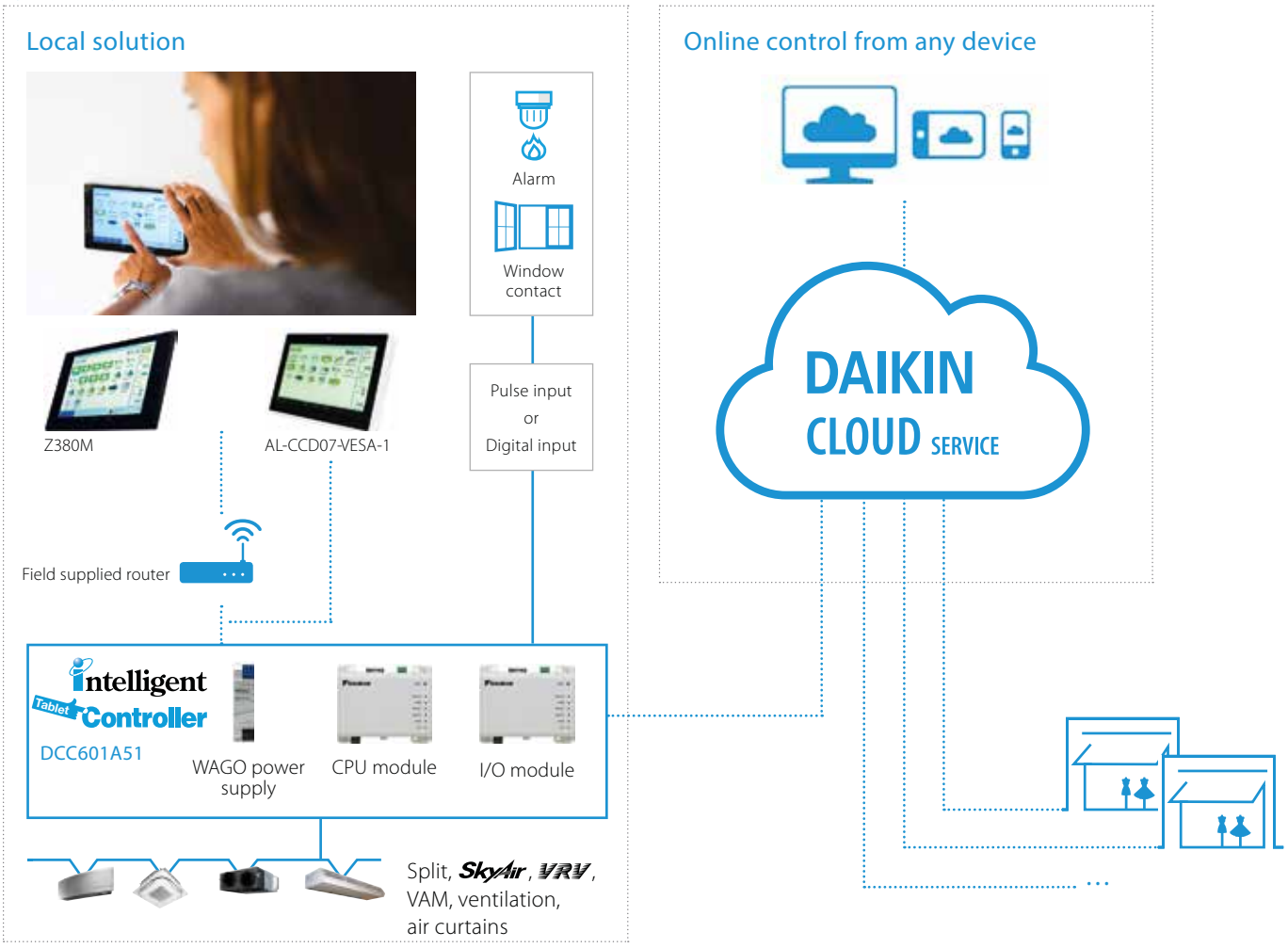
- Intuitive and user-friendly interface
- Flexible concept for stand alone and multi site applications
- Total solution thanks to integration of 3rd party equipment
- Monitor & control your small commercial building, no matter where you are

2 solutions:

Local solution
› Offline centralised control
› Stylish optional screen fits any interior

Cloud solution
› Flexible online control from any device (Laptop, tablet...)
› Monitor & control one or multiple sites
› Benchmark the energy consumption of different installations (1)
› Energy consumption follow-up to comply with local regulations

System layout



(1) For VRV and Sky Air R-32 ranges

Total solution

› Total solution thanks to a large integration of Daikin products and 3rd party equipment
› Connect a wide range of units (Split, Sky Air, VRV, Ventilation, Biddle air curtains)
› Simply control your entire building centrally
› Increased customer shopping experience by better management of your shop comfort level

Daikin Cloud Services

› Control your building no matter where you are
› Monitor and control multiple sites
› Installer or technical manager can remotely login to the cloud for first troubleshooting
› Benchmark the energy consumption of different installations (1)
› Manage & track your energy use

User friendly touch control

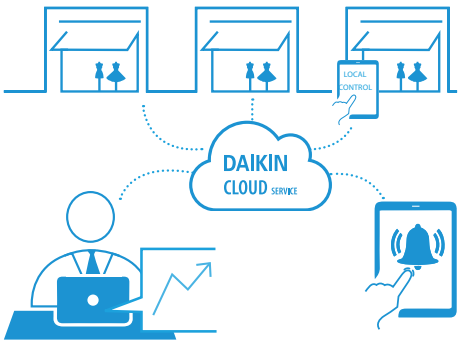
› Stylish Daikin supplied optional screen for local control fits any interior
› Intuitive and user-friendly interface
› Full solution with simple control
› Easy commissioning

Flexible

› Inputs via digital and pulse input for 3rd party equipment such as kWh meters, emergency input, window contact, …
› Modular concept allows your cloud to grow with your business
› Control up to 32 indoor units per controller and 320 units per site

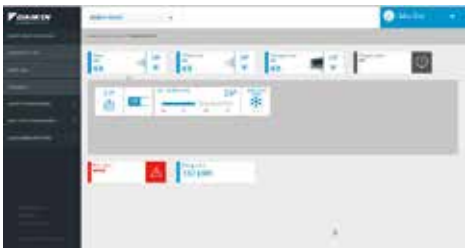
(1) only available in combination with certain indoor units

From one to ∞ sites



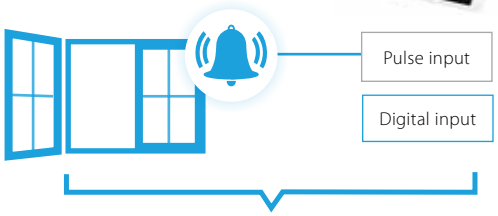
Customer

Installer/ technical manager



Intuitive control from the cloud

Easy follow up of energy consumption



Indoor uit

Functions overview

		Local solution	Cloud solution
Languages		Depends on local device	EN, DE, FR, NL, ES, IT, EL, PT, RU, TR, DA, SV, NO, FI, CS, HR, HU, PL, RO, SL, BG, SK
System layout	N° of connectable indoor units	32	32
	Multiple sites control		●
Monitoring & control	Basic control functions (ON/OFF, mode, filter sign, setpoint, fan speed, ventilation mode, room temperature, …)	●	●
	Remote control prohibition	●	●
	All devices ON/OFF	●	●
	Zone control		●
	Group control	●	●
	Weekly schedule	●	●
	Yearly schedule		●
	Interlock control	●	●
	Set point limitation		●
	Visualisation of energy use per operation mode		●
Connectable to	DX split, Sky Air, VRV	●	●
	VAM, VKM ventilation	●	●
	Air curtains	●	●

For available Daikin Cloud Service options refer to the option list

Mini BMS

with full integration across all product pillars

DCM601A51

touch intelligent Manager

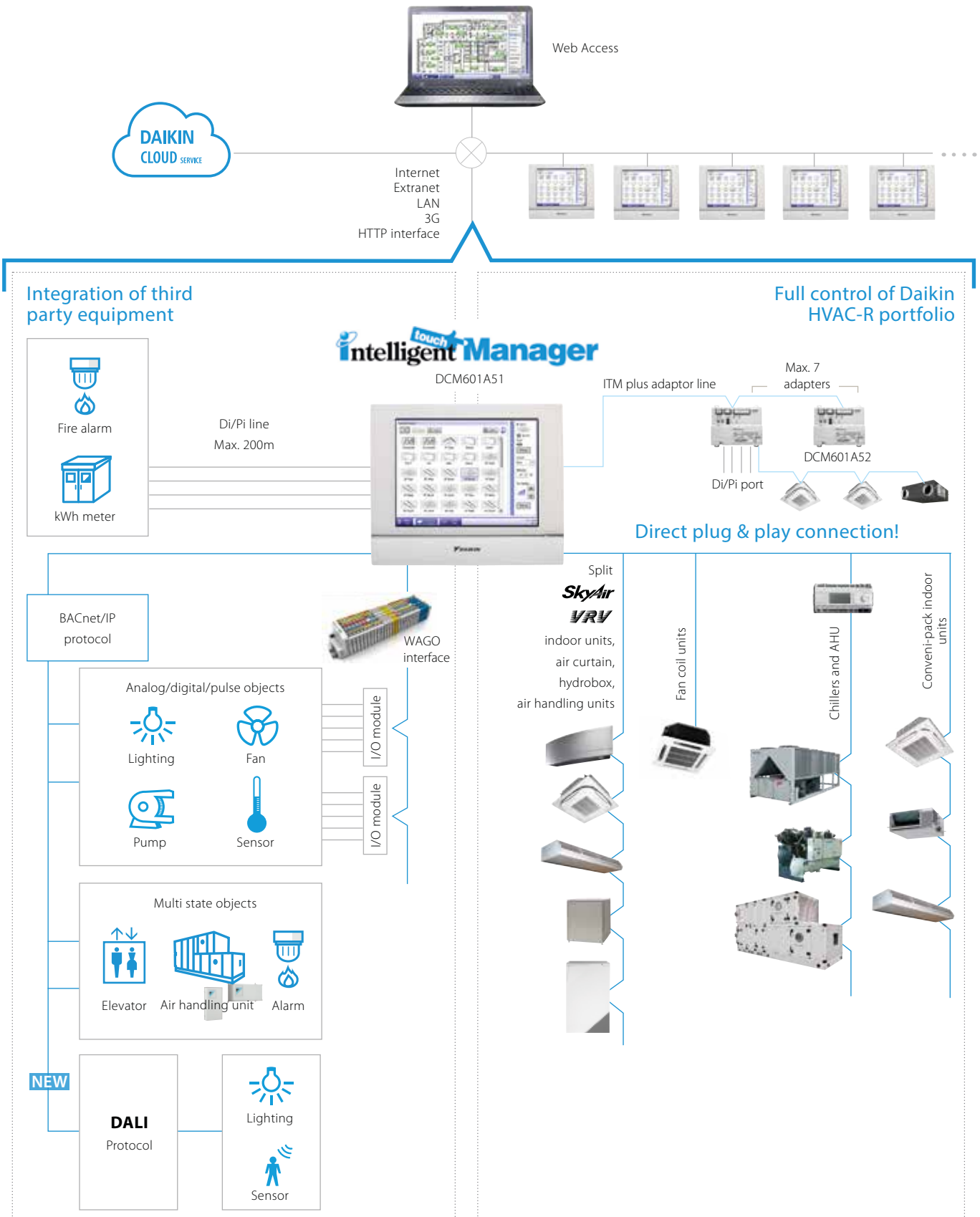
- Price competitive mini BMS
- Cross-pillar integration of Daikin products
- Integration of third party equipment

NEW

› Easy selection of WAGO materials › Material list creation
› Time saving

- Includes wiring schemes
- Contains commissioning/preset data for iTM

System overview



touch Intelligent Manager

User friendliness

› Intuitive user interface
› Visual lay out view and direct access to indoor unit main funtions
› All functions direct accessible via touch screen or via web interface

Smart energy management

› Monitoring if energy use is according to plan
› Helps to detect origins of energy waste
› Powerful schedules guarantee correct operation throughout the year
› Save energy by interlocking A/C operation with other equipment such as heating

Flexibility

› Cross-pillar integration (heating, air conditioning, applied systems, refrigeration, air handling units)
› BACnet protocol for 3rd party products integration
› I/O for integration of equipment such as lights, pumps… on WAGO modules
› Modular concept for small to large applications
› Control up to 512 indoor unit groups via one ITM and combine multiple ITM via web interface

Easy servicing and commissioning

› Remote refrigerant containment check reducing on site visit
› Simplified troubleshooting
› Save time on commissioning thanks to the pre-commissioning tool
› Auto registration of indoor units

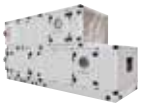
Plug & play


Split


Sky Air

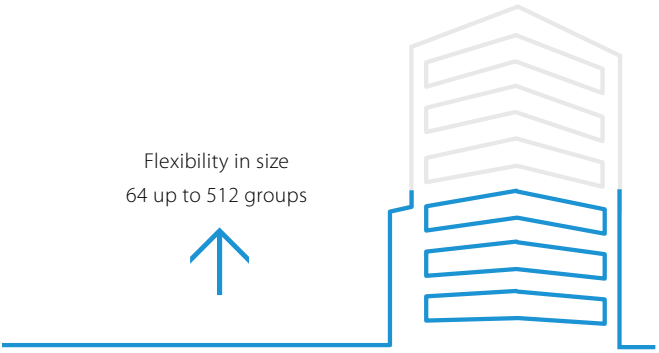

VRV

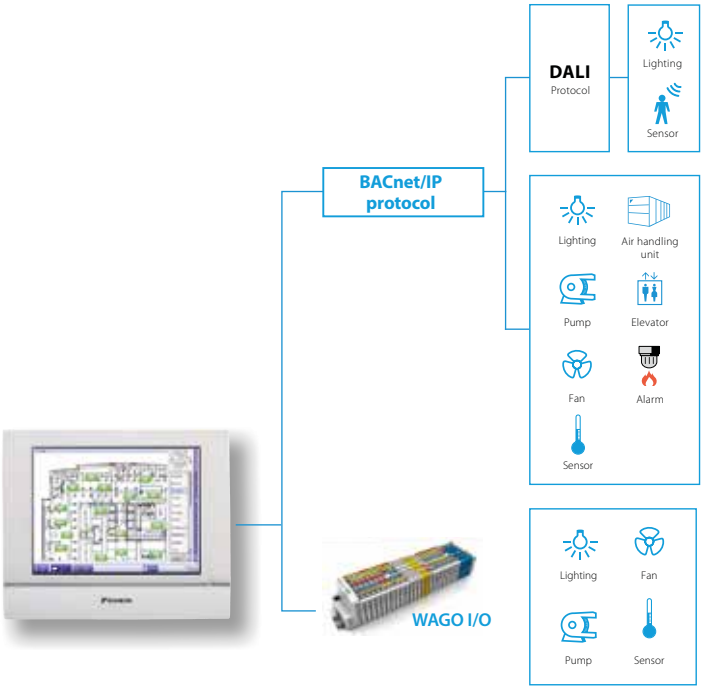

Fan coils


Chillers and AHU


Conveni-pack indoor units


HRV ventilation





Cooling Only

GTKL TV Series

BLUEVOLUTION

All the year round, super efficient and reliable cooling

Swing Inverter + R-32 + Built-in Stabilizer for a New Era of Smart Comfort

Daikin's new inverter R-32 wall mounted split has been designed to meet the most constraining requirements of the African market, such as an unstable power supply, while exceeding the end-user expectations with its powerful, reliable and efficient cooling all year round.

Daikin will change the way you feel about air conditioning and all of this, with a reduced carbon footprint.

GTKL-TV1

RKL-TV1

INVERTER

R-32

DRIVING OUR GREEN VISION

BUILT-IN STABILIZER

REINFORCED CASING

BLUE FIN

GTKL-TV1 + RKLG-TV1

New R-32 heat pump unit with exclusive Daikin inverter swing compressor

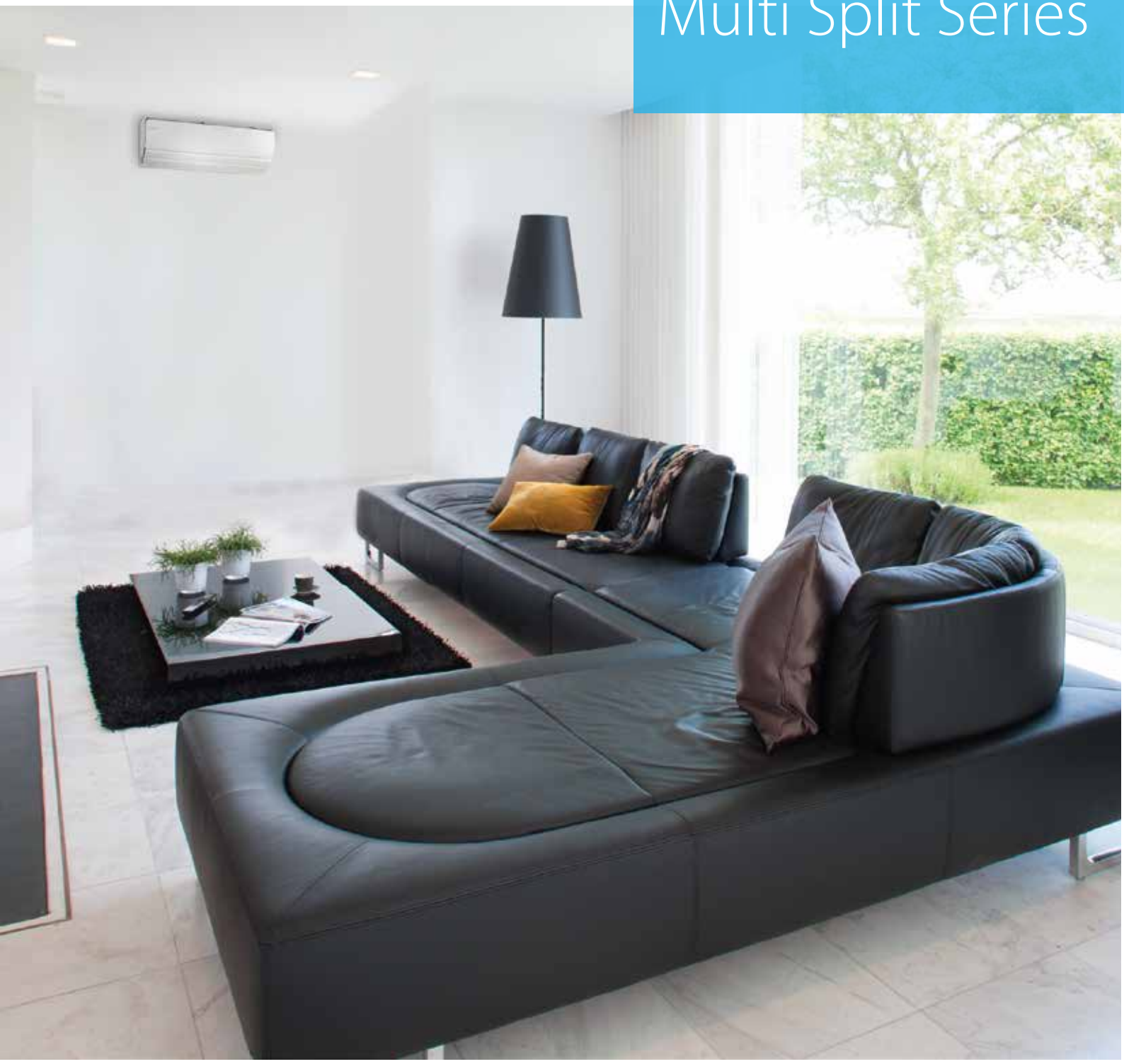
- Uses next-generation R-32 refrigerant
- Unique Daikin swing compressor ensures less noise, less wear and tear and above all, high energy efficiency
- Unrivaled voltage range, equipped with a built-in stabilizer operating within 160265-V
- Robust unit and packaging design to withstand the severe road, storage and handling conditions of Africa
- Whisper quiet operation, down to 26dBa

GTKL-TV1

RKLG-TV1

Efficiency Data			**GTKL35 + RKL35**	**GTKL50 + RKL50**	**GTKL60 + RKL60**
Nominal Cooling Capacity		Btu/h	11,900	17,100	20,500
Power Input		kW	3.5	5	6
		kW	1.11	1.75	1.97
EER		W/W	51.3	2.85	3.05
Indoor unit			**GTKL35TV16XZ**	**GTKL50TV16UZ**	**GTKL60TV16UZ**
Air Flow	H/M/L/SL	cfm	300173/201/251/	505335/402/459/	522286/353/438/
Sound Pressure Level	H/M/L/SL	dBA	4026/29/36/	4535/38/42/	4738/40/45/
Height		mm	382	298	298
Width		mm	800	885	885
Depth		mm	891	229	229
Net Weight		kg	8	11	11
Outdoor unit			**RKLG35TV16XZ**	**RKLG50TV16UZ**	**RKLG60TV16UZ**
Sound Pressure Level (High)		dBA	51	54	56
Height		mm	550	595	595
Width		mm	567	845	845
Depth		mm	582	300	300
Net Weight		kg	26	34	35
Pipe Connection	Liquid	mm	6.35	6.35	6.35
	Gas	mm	9.5	12.70	15.88
Compressor Type Hermetically Sealed Swing Inverter Type					
Operating Range		C	19.450-		
Maximum Piping Length	Total	m	20	20	30
	Elevation	m	15	10	20
	Chargeless	m	10	10	10
Standard Power Supply		V/Ph/Hz	22050/1/240- (Indoor)		
Extended Operating Voltage Range		V	160-265		
Power Source			Indoor		
Refrigerant			R-32		

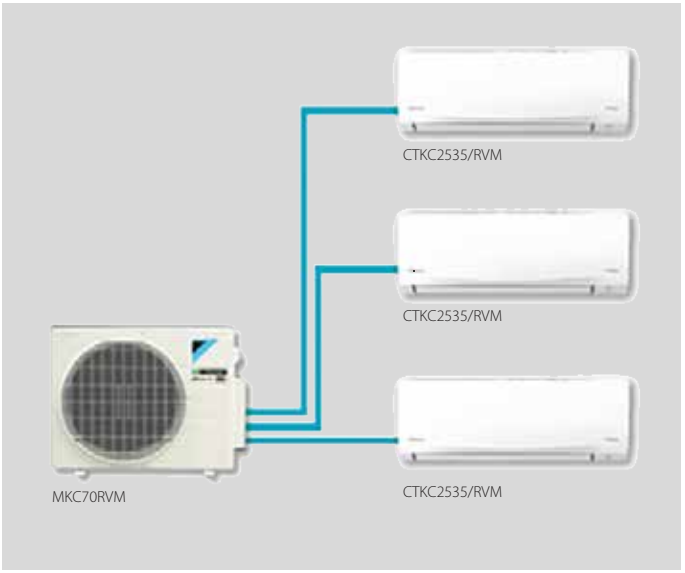
Multi Split Series



MKC

Inverter Multi-S system

- Fast cooling and more energy saving than inverter single split system
- 30% less electricity use than non-inverter types
- Whisper quiet operation of indoor unit
- Runs on next-generation R-32 refrigerant
- High/low voltage shield
- Auto random restart



Indoor unit			CTKC25RVM	CTKC35RVM	CTKC50SVM
Power supply			1 phase, 220240- V, 50 Hz/1 phase, 220230- V, 60 Hz		
Front panel colour			White (N9.5)		
Airflow rate (H)		m2***	11.0 (388)	11.5 (406)	19.2 (678)
Sound pressure level	H/L/SL	dB(A)	3822/25/	3922/26/	4428/35/
Fan speed			5 steps, quiet and automatic		
Temperature control			Microcomputer control		
Dimensions	H x W x D	mm	285 x 770 x223		295 x 990 x 263
Machine weight		kg	9		12
Piping connections	Liquid	mm	6.4		
	Gas		9.5		12.7
	Drain		16.0		
Heat insulation			Both liquid and gas pipes		

Outdoor unit			MKC50RVM	MKC70SVM
Power supply			1 phase, 220-240 V, 50 Hz/1 phase, 220-230 V, 60 Hz	
Max, connected indoor unit capacity		kW	8.5	12.0
Casing colour			Ivory white	
Compressor type			Hermetically Sealed Swing Type	
Refrigerant type			R-32	
Sound pressure level	H/L	dB(A)	49/44	51/46
Dimensions	H x W x D	mm	550 / 675 / 284	505 x 845 x 300
Machine weight		kg	37	47
Operation range	Cooling	*CDB	10 to 46	
Max. piping length		m	50 (total)	
			25 (for one room)	
Additional charge		g/m	Chargeless	
Max. level difference		m	15 (between indoor and outdoor units) / 7.5 (between indoor units)	

Superior Comfort Stability

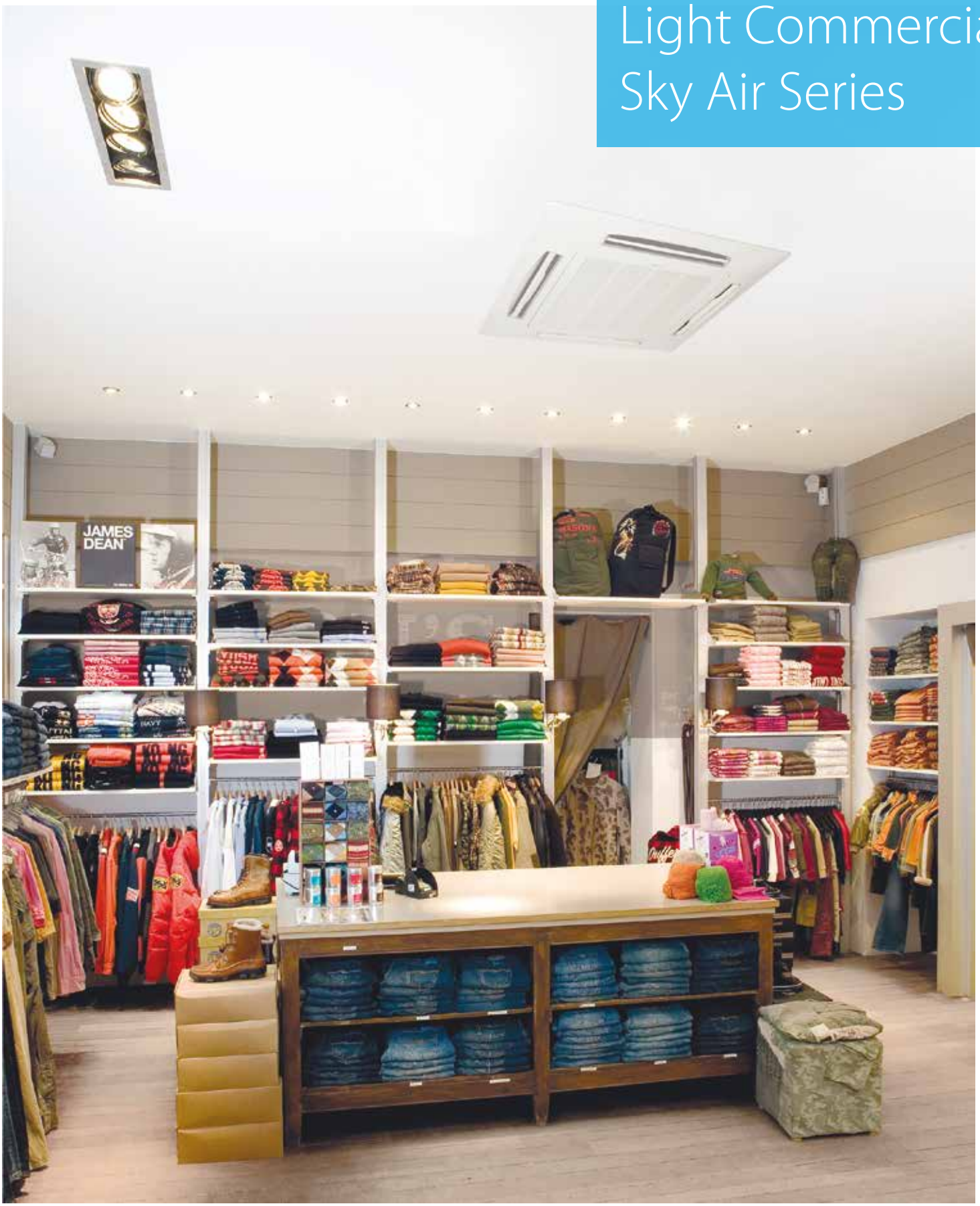
- Built-in protection for wider operating range during unstable power supply
- Auto-random restart in case of sudden power failure
- Anti-corrosion protection
- Excellent cooling performances due to combination of highly efficient rotary compressor and the optimal heat transfer from the heat exchanger

FTNV-BV

RNV-BV

Efficiency Data			**FTNV25 + RNV25**	**FTNV35 + RNV35**	**FTNV50 + RNV50**	**FTNV60 + RNV60**
Nominal Cooling Capacity	Btu/h		9,000	12,000	18,000	22,000
	Wk		6.24	5.32	2.58	4.65
Power Input	kW		0.87	1.11	1.75	2.00
EER	W/W		0.33	1.38	0.32	2.32
Indoor unit			**FTNV25BV**	**FTNV35BV**	**FTNV50BV**	**FTNV60BV**
Air Flow	SH/H/M/L/SL	cfm	358/342/282/225/209	372/355/298/242/225	594/531/474/422/381	641/614/537/474/418
Sound Pressure Level	SH/H/M/L/SL	dBA	39/38/33/27/25	41/40/35/29/28	44/42/39/36/35	48/46/43/40/37
Height		mm	228	228	310	310
Width		mm	800	800	1065.	1065.
Depth		mm	206	206	224	224
Net Weight		kg	9	9	14	14
Outdoor unit			**RNV25BV**	**RNV35BV**	**RNV50BV**	**RNV50BV**
Sound Pressure Level	H	dBA	46	48	52	52
Height		mm	584	550	651	651
Width		mm	566	658	558	558
Depth		mm	652	372	823	823
Net Weight		kg	21	26	47	50
Pipe Connection	Liquid	mm	6.35	6.35	6.35	6.35
	Gas	mm	5.92	2.1	2.1	2.1
Compressor Type			Rotary			
Operating Range		CDB	19 - 46			
Maximum Piping Length	Total	m	20	20	30	30
	Elevation	m	12	15	15	15
Standard Power Supply		V/Ph/Hz	220-240/1/50			
Extended Operating Voltage Range		V	198-264			
Power Source			Indoor			
Refrigerant			R-410A			

Light Commercial Sky Air Series



Ceiling Concealed C Series

- Excellent air distribution
- Auto random restart with last-state-memory
- Double protectoin drainage system
- Flexibility in system design
- Self diagnosis features
- Wired handset BRC51A62 (C/O) is supplied as standard

FDMRN25/35/50/60/71/100/125/140CXV

RN25/35CGXV

RN50/60CGXV
RN50/60CGXV
RR71CGXY
RR71CGXY

RR/100DGXV
RR90/100/125/140DGXY

Specification for Ceiling Concealed Standard Static Cooling

Efficiency Data		FDMRN25 + RN25	FDMRN35 + RN35	FDMRN50 + RN50	FDMRN50 + RN50	FDMRN60 + RN60	FDMRN60 + RN60	FDMRN71 + RN71
Nominal Cooling Capacity	Btu/h	9500	12500	18000	18000	21000	22860	26000
	W	2780	3660	5280	5280	6155	6700	7620
Nominal EER	W/W	2.96	2.91	3.13	3.04	3.15	3.03	2.73
Indoor unit		**FDMRN25CXV**	**FDMRN35CXV**	**FDMRN50CXV**	**FDMRN50CXV**	**FDMRN60CXV**	**FDMRN60CXV**	**FDMRN71CXV**
Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Air Flow	CFM	250/235/210	410/370/250	570/558/480	570/558/480	690/660/535	690/660/535	850/810/770/710
External Static Pressure	Pa	29/20/10	29/20/10	29/20/10	29/20/10	29/20/10	29/20/10	98/78/68/59
Sound Pressure Level	dBA	33/30/26	37/34/29	38/36/34	38/36/34	40/39/36	40/39/36	44/41/38/34
Height	mm	261	261	261	261	261	261	285
Width	mm	765	905	1065	1065	1200	1200	932
Depth	mm	411	411	411	411	411	411	600
Net Weight	kg	18	22	24	24	26	26	40
Outdoor unit		**RN25CGX**	**RN35CGX**	**RN50CGX**	**RN50CGXY**	**RN60CGX**	**RN60CGXY**	**RR71CGX**
Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	220-240/1/50	380-415/3/50	220-240/1/50
Sound Pressure Level	dBA	46	49	52	52	52	52	58
Height	mm	540	540	651	651	753	753	753
Width	mm	700	700	855	855	855	855	855
Depth	mm	250	250	328	328	328	328	328
Net Weight	kg	28	30	47	47	50	50	57
Pipe connection - Liquid	mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52
Pipe connection - Gas	mm	9.52	12.70	12.7	12.7	15.88	15.88	15.88
Piping Length	m	12	12	15	15	15	15	15
Piping Elevation	m	5	5	8	8	8	8	8

Efficiency Data		FDMRN71 + RR71	FDMRN100 + RR100	FDMRN100 + RR100	FDMRN125 + RR125	FDMRN140 + RR140
Nominal Cooling Capacity	Btu/h	27000	39000	39000	45000	55000
	W	7910	11430	11430	13190	16120
Nominal EER	W/W	2.88	2.82	2.82	2.87	3.01
Indoor unit		**FDMRN71CXV**	**FDMRN100CXV**	**FDMRN100CXV**	**FDMRN125CXV**	**FDMRN140CXV**
Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Air Flow	CFM	850/810/770/710	1280/1160/1050/920	1280/1160/1050/920	1430/1320/1230/1130	1720/1550/1340/1170
External Sta c Pressure	Pa	98/78/68/59	118/96/78/61	118/96/78/61	147/126/109/92	147/120/90/69
Sound Pressure Level	dBA	44/41/38/34	52/49/47/45	52/49/47/45	54/53/52/51	54/52/50/46
Height	mm	285	315	315	378	378
Width	mm	932	1257	1257	1299	1499
Depth	mm	600	638	638	541	541
Net Weight	kg	40	49	49	50	56
Outdoor unit		**RR71CGXY**	**RR100DGXV**	**RR100DGXY**	**RR125DGXY**	**RR140DGXY**
Power Supply	V/Ph/Hz	380-415/3/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Sound Pressure Level	dBA	58	58	58	60	65
Height	mm	753	852	852	852	852
Width	mm	855	1030	1030	1030	1030
Depth	mm	328	400	400	400	400
Net Weight	kg	57	95	95	98	105
Pipe connection - Liquid	mm	9.52	9.52	9.52	9.52	9.52
Pipe connection - Gas	mm	15.88	15.88	15.88	15.88	15.88
Piping Length	m	15	45	45	45	35
Piping Elevation	m	8	25	25	25	15

FFRN-C + RYN-CG

Ceiling Cassette C Series

- 4 way air discharge and air swing
- Compact design
- Built-in high head drain pump
- Mount with B(Y)C20CXW decorative panel
- Stylish and slim panel
- Auto mode
- Hot keep cycle
- Self diagnosis
- Wireless handset BRC52A61 (H/P) or BRC52A62 (C/O) is supplied as standard

FFRN2550/35/CXV

R(Y)N2535/CGXV

R(Y)N50CGXV

Specification for Ceiling Cassetie- C Series, 2ti x 2ti Panel - Cooling

Efficiency Data		**FFRN25 + RN25**	**FFRN35 + RN35**	**FFRN50 + RN50**
Nominal Cooling Capacity	Btu/h	9500	12500	17500
	W	2780	3660	5129
Nominal EER	W/W	3.09	2.82	3.03
Indoor unit		**FFRN25CXV**	**FFRN35CXV**	**FFRN50CXV**
Power Supply	V/Ph/Hz	220-240/50/1	220-240/50/1	220-240/50/1
Air Flow	CFM	330/360/410	330/360/410	330/360/410
Sound Pressure Level	dBA	35/38/41	34/38/41	37/41/44
Height [with Panel]	mm	250 [295]	250 [295]	250 [295]
Width [with Panel]	mm	570 [640]	570 [640]	570 [640]
Depth [with Panel]	mm	570 [640]	570 [640]	570 [640]
Net Weight [with Panel]	kg	16 [18]	16 [18]	16 [18]
Outdoor unit		**RN25CGXV**	**RN35CGXV**	**RN50CGXV**
Power Supply	V/Ph/Hz	220-24050/1	220-24050/1	220-24050/1
Sound Pressure Level	dBA	46	49	52
Height	mm	540	540	651
Width	mm	700	700	855
Depth	mm	250	250	328
Net Weight	kg	28	30	47
Pipe connection - Liquid	mm	6.35	6.35	6.35
Pipe connection - Gas	mm	9.52	12.70	12.70
Piping Length	m	12	12	12
Piping Elevation	m	5	5	8

Ceiling Cassette E Series

- Optimum air discharge
- Modern and elegant panel
- Superior sound level
- Multi-comfort - 3 Air swing pattern control
- Low height model
- Built-in high head drain pump
- Mount with B(Y)C50EXW decorative panel
- Wireless handset BRC52A61 (H/P) or BRC52A62 (C/O) is supplied as standard

FCRN50125/100/71/60/EXV

RN5060/CGXV
RR71CGXV

RR/100DGXV
RR/100125/DGXY

Specification for Ceiling Cassette- E Series, 3ti x 3ti Panel - Cooling

Indoor Model Name			FCRN50EXV	FCRN60EXV	FCRN71EGV	FCRN100EXV	FCRN100EXV	FCRN125EXV
Outdoor Model Name			RN50CGXV	RN60CGXY	RR71CGXY	RR100DGXY	RR100DGXY	RR125DGXY
Nominal Cooling Capacity		Btu/h	18300	22200	27000	39000	39000	45000
		W	5363	6506	7913	11430	11430	13190
Nominal EER		W/W	3.08	3.36	2.84	2.92	2.98	2.93
Indoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow	CFM	600/530/430/400	680/600/530/430	860/725/620/530	1030/860/740/620	1030/860/740/620	1200/1030/930/780
	Sound Pressure Level	dBA	34/32/30/28	37/34/33/32	42/38/35/33	47/44/40/36	47/44/40/36	49/45/43/39
	Height [with Panel]	mm	265 [340]	265 [340]	265 [340]	300 [375]	300 [375]	300 [375]
	Width [with Panel]	mm	820 [990]	820 [990]	820 [990]	820 [990]	820 [990]	820 [990]
	Depth [with Panel]	mm	820 [990]	820 [990]	820 [990]	820 [990]	820 [990]	820 [990]
	Net Weight [with Panel]	kg	26 [30]	28 [32]	31 [35]	39 [43]	39 [43]	41 [45]
Outdoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50
	Sound Pressure Level	dBA	52	52	58	58	58	60
	Height	mm	651	753	753	852	852	852
	Width	mm	855	855	855	1030	1030	1030
	Depth	mm	328	328	328	400	400	400
	Net Weight	kg	47	50	57	95	95	98
	Pipe connection - Liquid	mm	6.35	6.35	9.52	9.52	9.52	9.52
	Pipe connection - Gas	mm	12.70	15.88	15.88	15.88	15.88	15.88
	Piping Length	m	15	15	15	45	45	45
	Piping Elevation	m	8	8	8	25	25	25

Ceiling Covertible E Series

- Ceiling and floor installation option
- Automatic air swing
- Flexible installation
- Auto random restart with last-state-memory
- Better serviceability
- Wireless handset BRC52A62 (C/O) is supplied as standard

Specification for Ceiling Convertible & Ceiling Exposed - Cooling

Efficiency Data		**FLRN35 + RN35**	**FLRN50 + RN50**	**FLRN50 + RN50**	**FLRN60 + RN60**	**FLRN60 + RN60**	**FLRN71 + RN71**
Nominal Cooling Capacity	Btu/h	12900	17500	18100	20000	22860	27000
	W	3780	5130	5300	5860	6700	7900
Nominal EER	W/W	2.95	2.98	3.02	2.97	3.00	2.87
	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Indoor unit		**FLRN35EXV**	**FLRN50EXV**	**FLRN50EXV**	**FLRN60EXV**	**FLRN60EXV**	**FLRN71EXV**
Air Flow	CFM	508/386/350	520/460/406	520/460/406	580/530/490	580/530/490	640/560/460
Sound Pressure Level	dBA	48/43/41	48/46/43	48/46/43	50/47/46	50/47/46	56/51/44
Height	mm	218	218	218	218	218	218
Width	mm	1080	1080	1080	1080	1080	1080
Depth	mm	630	630	630	630	630	630
Net Weight	kg	24	24	24	24	24	24
Outdoor unit		**RN35CGXV**	**RN50C XV**	**RN50C XY**	**RN60C XV**	**RN60C XY**	**RR71C XV**
Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50	220-240/1/50	380-415/3/50	220-240/1/50
Sound Pressure Level	dBA	49	52	52	52	52	58
Height	mm	540	651	651	753	753	753
Width	mm	700	855	855	855	855	855
Depth	mm	250	328	328	328	328	328
Net Weight	kg	30	47	47	50	50	57
Pipe connection - Liquid	mm	6.35	6.35	6.35	6.35	6.35	9.52
Pipe connection - Gas	mm	12.70	12.70	12.70	15.88	15.88	15.88
Piping Length	m	12	15	15	15	15	15
Piping Elevation	m	5	8	8	8	8	8
Power Supply							

FVRN-A + RR-CG

Floor Standing A Series

- Stylish profile with classy control panel
- Dual control, setings by pressing control panel or wireless handset
- Long air throw of up to 25m (size 140)
- Keylock function
- Wireless handset BRC52A61 (H/P) or BRC52A62 (C/O) is supplied as standard

Specification for Floor Standing, Cooling only

Efficiency Data		**FVRN71 +RR71**	**FVRN71 +RR71**	**FVRN100 +RR100**	**FVRN125 +RR125**	**FVRN140 +RR140**
Nominal Cooling Capacity	Btu/h	28000	28000	40000	45000	55000
	kW	8.21	8.21	11.72	13.19	16.12
Nominal EER	W/W	2.89	2.89	2.89	2.82	2.94
Indoor unit		**FVRN71AXV**	**FVRN71AXV**	**FVRN100AXV**	**FVRN125AXV**	**FVRN140AXV**
Power Supply	V/Ph/Hz	22050/1/240-50	22050/1/240-50	22050/1/240-50	220/1/240-50	220/1/240-50
Air Flow	cfm	675530/625/	675530/625/	1035985/1085/835	1170/935/845	1035/945/
Sound Pressure Level	dBA	4439/42/	4439/42/	4944/47/	5046/48/	5451/53/
Height	mm	1850	1850	1850	1850	1850
Width	mm	600	600	600	600	600
Depth	mm	270	270	350	350	350
Net Weight	kg	42	42	45	48	51
Outdoor unit		**RR71CGXV**	**RR71CGXY**	**RR100DGXY**	**RR125DGXY**	**RR140DGXY**
Power Supply	V/Ph/Hz	22050/1/240-50	38050/3/415-50	38050/3/415-50	380/3/415-50	380/3/415-50
Sound Pressure Level	dBA	58	58	58	60	65
Height	mm	753	753	852	852	852
Width	mm	855	855	1030	1030	1030
Depth	mm	328	328	400	400	400
Net Weight	kg	57	57	95	98	105
Pipe Connection- Liquid	mm	9.52	9.52	9.52	9.52	9.52
Pipe Connection- Gas	mm	15.88	15.88	15.88	15.88	19.05
Max. Allowable Length		45	45	45	45	45
Max. Allowable Elevation		25	25	25	25	25

Highly Efficient Rooftop Series

Exceptional performance in a compact design

Air-Cooled Rooftop Packaged A Series

- Flat top design
- Microprocessor controlled
- Partial loading (for 2 compressor system)
- Easy installation
- Single compressor system: Wired handset BRC51B64 (C/O) is supplied as standard
- Multi compressor system: Wired handset BRC51C61 (H/P & C/O) is supplied as standard

UATP60/80/100/120/150/200/250/300/360/420AGXY1

Specification for Rootop A Series - Cooling

Model Name			UATP60AGXY1	UATP80AGXY1	UATP100AGXY1	UATP120AGXY1	UATP150AGXY1
Nominal Cooling Capacity		Btu/h	59000	72000	95000	110000	140000
		W	17291	21101	27840	32238	41030
Nominal EER		W/W	2.94	2.43	2.40	2.65	2.39
Evap.	Air Flow	CFM	1800	2826	3532	3600	5651
	External Static Pressure	Pa	98	98	98	98	196
Cond.	Power Supply	V/Ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
	Sound Pressure Level	dBA	63	65	66	68	70
Height		mm	1000	1000	1000	1000	1200
Width		mm	1100	1300	1300	1300	1990
Depth		mm	1530	1530	1530	1530	1800
Net Weight		kg	295	370	400	425	665
Model Name			**UATP200AGXY1**	**UATP250AGXY1**	**UATP300AGXY1**	**UATP360AGXY1**	**UATP420AGXY1**
Nominal Cooling Capacity		Btu/h	190000	230000	275000	331000	415000
		W	55684	67406	80600	97007	121624
Nominal EER		W/W	2.22	2.35	2.13	2.32	2.49
Evap.	Air Flow	CFM	6710	8000	9600	11000	12500
	External Static Pressure	Pa	196	294	294	294	294
Cond.	Power Supply	V/Ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
	Sound Pressure Level	dBA	70	74	74	80	80
Height		mm	1200	1735	1735	1974	1974
Width		mm	1990	2250	2250	2252	2252
Depth		mm	1800	2800	2800	3180	3180
Net Weight		kg	765	1200	1350	1510	1600

Air-Cooled Rooftop Packaged B Series

- Flat top design
- High ambient application
- Microprocessor controlled
- Partial loading (for 2 compressor system)
- Easy installation
- Wide operating range (0˚C - 52˚C)
- Wired handset rooftop panel is supplied as standard

Specification for Rooftop B Series - Cooling and Heating

Model Name			UATYQ250MCY19	UATYQ350MCY1	UATYQ450MCY1	UATYQ550MCY1	UATYQ600MCY1	UATYQ700MCY1
Nominal Cooling Capacity		Btu/h	93300	121400	152600	190000	228000	247700
		w	27340	35580	44720	55690	66820	72600
Nominal Heating Capac ity		Btu/h	85000	118700	142600	184000	210500	237500
		w	24910	34790	41790	53930	61690	69610
Nominal EER (Gross)		W/W	3.30	3.30	3.43	3.33	3.40	3.36
Nominal COP (Net)		W/W	3.40	3.21	3.25	3.47	3.32	3.25
Cond.	Air Flow	CFM	3300	4300	5650	6700	7300	8300
	External Static Pressure	Pa	147	147	147	206	196	206
Evap.	Power Supply	V/Ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
	Sound Pressure Level	dBA	82	83	83	87	90	90
Height		mm	1150	1028	1130	1048	1302	1454
Width		mm	1638	2209	2209	2209	2209	2209
Depth		mm	2063	2113	2113	2670	2670	2670
Net Weight		kg	445	580	610	830	880	1020

Ducted Split D Series

- Wide range of product
- Modular combination of single indoor unit to multiple outdoor units
- Partial loading features for units with more than 2 outdoor units
- Convertible air discharge
- Changeable drive package (field supplied) for belt driven models
- Single condenser system: Wired handset BRC51B64 (C/O) is supplied as standard
- Multi condenser system: Wired handset BRC51C61 (H/P & C/O) is supplied as standard

FDP125/150DXY

2FDP150/200DGXY
(2-4)FGP250/300/400/500DXY

RCP75/100/125/150DGXY

Specification for Ducted Split - D Series - Cooling

Efficiency Data		**FDP125 + RCP125**	**FDP150 + RCP150**	**2FDP150 + 2RCP75**	**2FDP200 + 2RCP100**
Nominal Cooling Capacity	Btu/h	108000	145000	146000	182000
	W	31650	42500	42790	53340
Nominal EER	W/W	2.62	2.62	2.75	2.38
Indoor unit		**FDP125DXY**	**FDP150DXY**	**2FDP150DXY**	**2FDP200DXY**
Power Supply	V/Ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Air Flow	CFM	3750	4500	4500	6000
External Static Pressure	Pa	150	150	150	150
Sound Pressure Level	dBA	58	59	59	60
Height	mm	710	710	710	821
Width	mm	1694	1973	1973	1113
Depth	mm	775	775	775	1064
Net Weight	kg	155	175	175	248
Outdoor unit		**RCP125DGXY**	**RCP150D XY**	**RCP75D XY1 x 2**	**RCP100D XY1 x 2**
Power Supply	V/Ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Sound Pressure Level	dBA	66	67	64	64
Height	mm	1041	1142	1041	1041
Width	mm	1083	1083	981	981
Depth	mm	1083	1083	981	981
Net Weight	kg	197	268	170	184
Pipe connection - Liquid	mm	15.88	15.88	12.70	15.88
Pipe connection - Gas	mm	34.92	34.92	25.40	28.58
Maximum Allowable Length	m	40	40	40	40
Maximum Allowable Elevation	m	20	20	20	20

Efficiency Data		**2FGP250 + 2RCP125**	**2FGP300 + 2RCP150**	**4FGP400 + 4RCP100**	**4FGP500 + 4RCP125**
Nominal Cooling Capacity	Btu/h	216000	290000	364000	432000
	W	63310	84990	106680	126610
Nominal EER	W/W	2.47	2.50	2.37	2.35
Indoor unit		**2FGP250DXY**	**2FGP300DXY**	**4FGP400DXY**	**4FGP500DXY**
Power Supply	V/Ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Air Flow	CFM	7500	9000	12000	15000
External Static Pressure	Pa	200	200	300	450
Sound Pressure Level	dBA	62	65	66	67
Height	mm	922	922	1115	1115
Width	mm	1202	1405	1596	1952
Depth	mm	1226	1226	1462	1462
Net Weight	kg	321	394	470	567
Outdoor unit		**RCP125D XY x 2**	**RCP150D XY x 2**	**RCP100D XY x 4**	**RCP125D XY x 4**
Power Supply	V/Ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Sound Pressure Level	dBA	66	67	64	66
Height	mm	1041	1142	1041	1041
Width	mm	1083	1083	981	1083
Depth	mm	1083	1083	981	1083
Net Weight	kg	197	268	184	197
Pipe connection - Liquid	mm	15.88	15.88	15.88	15.88
Pipe connection - Gas	mm	34.92	34.92	28.58	34.92
Maximum Allowable Length	m	40	40	40	40
Maximum Allowable Elevation	m	20	20	20	20

NOTE : The condensing unit is shipped with only nitrogen holding charge. Refrigerant charging is required at site.

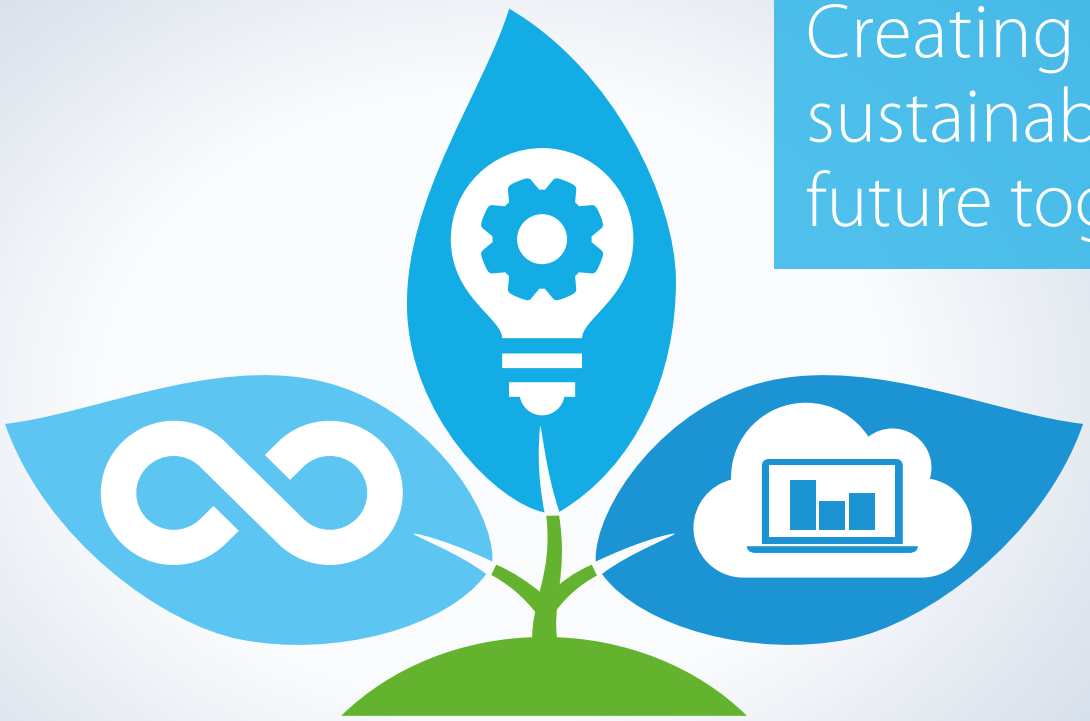
Flexible Design and Great Reliability

- Equipped with scroll compressor for quiet operation (smooth running, low vibraton, low operating sound)
- Heat exchange finds provided with anti-corrosion treatment

Efficiency Data			**FVGR05 + RUR05**	**FVGR06 + RUR06**	**FVGR08 + RUR08**	**FVGR10 + RUR10**
Power supply			380-415V, 50Hz, 3 Phase, 4 Wires			
Cooling capacity	kW		14.7	17.6	23.5	29.3
	Btu/h		50,000	60,000	80,000	100,000
	kcal/h		12,600	15,100	20,200	25,200
Power consumption	kW		5.5	6.4	8.6	11.2
Running current	A		9	10.4	14.4	18.9
Starting current	A		72.7	80.9	118.2	135
Power factor	%		88.2	88.8	85.9	85.5
Indoor unit			**FVGR05NV1**	**FVGR06NV1**	**FVGR08NV1**	**FVGR10NV1**
Colour			Ivory White			
Air flow rate (H)	m3/min		42	42	54	80
	cfm		1,480	1,480	1,910	2,830
Fan drive			Direct Drive 3 Speed			
Sound level (H/M/L)2	dBA		59/54/50	59/54/50	60/56/51	61/57/52
Dimensions (HxWxD)	mm		1,870x750x510	1,870x750x510	1,870x950x510	1,870x1,170x510
Machine weight	kg		90	90	107	143
Operation range	CWB		14 to 25			
Refrigerant piping	Liquid	mm	ø 9.5 (Brazing)		ø 12.7 Brazing)	
	Gas	mm	ø 19.1 (Brazing)		ø 22.2 (Brazing)	ø 28.8 (Brazing)
	Drain	mm	PS 1B Internal thread			
Outdoor unit			**RUR05NY1**	**RUR06NY1**	**RUR08NY1**	**RUR10NY1**
Colour			Ivory white			
Compressor	Type		Hermetically sealed scroll type			
	Motor output	kW	4.5	4.5	6.7	9
Refrigerant oil	Model		DAPHNE FVC68D	POLYOL ESTER		
	Charge	L	1.4	1.8	3.3	
Refrigerant charge (R-410A)		kg	2.5 (Charged for 7.5m)	3.5 (Charged for 7.5m)	4.5 (Charged for 7.5m)	6.0 (Charged for 7.5m)
Sound level 2	380V	dBA	59	59	60	61
	415V	dBA	60	60	61	62
Dimensions (HxWxD)		mm	1,345x900x320		1,680x930x765	
Machine weight		kg	92	105	203	206
Operation range		CDB	21 to 46			
Refrigerant piping	Liquid	mm	ø 9.5 (Flare)		ø 12.7 (Flare)	
	Gas	mm	ø 19.1 (Flare)		ø 22.2 (Brazing)	ø 28.6 (Brazing)
	Drain	mm	ø 26.0 (Hole)	----------		
Max interunit piping length			50 (equivalent length 70m)			
Max installation level difference			30			

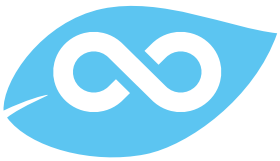
Efficiency Data			**FVPGR10 + RUR10**	**FVPGR13 + RUR13**	**FVPGR15 + RUR15**	**FVPGR18 + RUR18**	**FVPGR20 + RUR20**
Power supply			380-415V, 50Hz, 3 Phase, 4 Wires				
Cooling capacity 1.3	kW		29.3	35.2	46.9	52.8	58.6
	Btu/h		100,000	120,000	160,000	180,000	200,000
	kcal/h		25,200	30,200	40,300	45,400	50,400
Running current	kW		19.2	24.3	29	34.6	40.4
Power consumption 1	A		11.4	14.9	17.8	21.2	24.8
Starting current	A		85.7	88.5	88.6	88.4	88.6
Power factor	%		129.5	118	130.3	143.4	146.3
Indoor unit			**FVPGR10NY1**	**FVPGR13NY1**	**FVPGR15NY1**	**FVPGR18NY1**	**FVPGR20NY1**
Colour			Ivory White				
Air flow rate (H)	m3/min		80	120		162	
	cfm		2,830	4		5,720	
Fan drive	Drive		Belt Drive				
	Ext. Static Pressure	Pa(mmH2O)	15				
Sound level 2	dBA		61	62	62	63	63
Dimensions (HxWxD)	mm		1,740x1,170x510	1,870x1,170x720		1,870x1,470x720	
Machine weight	kg		150	180		240	
Operation range	CWB		14 to 25				
Refrigerant piping	Liquid	mm	ø 12.7 (Brazing)		ø 15.9 Brazing)		
	Gas	mm	ø 28.6 (Brazing)		ø 34.9 (Brazing)		
	Drain	mm	PS 1B Internal thread				
Outdoor unit			**RUR10Y1**	**RUR13NY1**	**RUR15NY1**	**RUR18NY1**	**RUR20NY1**
Colour			Ivory white				
Compressor	Type		Hermetically sealed scroll type				
	Motor output	kW	9	5.0 + 5.0	6.7 + 6.7	7.5 + 7.5	9.0 + 9.0
Refrigerant oil	Model		POLYOL ESTER				
	Charge	L	3.3	5	6.5		
Refrigerant charge (R-410A)		kg	6.0 (Charged for 7.5m)	4.5 (Charged for 7.5m)	8.0 (Charged for 7.5m)		
Sound level 2	380V	dBA	61	61	62	63	63
	415V	dBA	62	62	63	64	64
Dimensions (HxWxD)		mm	1,680x930x765	1,680x1,240x765			
Machine weight		kg	206	243	319	322	329
Operation range		CDB	21 to 46				
Refrigerant piping	Liquid	mm	ø 12.7 (Flare)		ø 15.9 (Flare)		
	Gas	mm	ø 28.6 (Brazing)		ø 34.9 (Brazing)		
	Drain	mm	----------				
Max interunit piping length			50 (equivalent length 70m)				
Max installation level difference			30				

Creating a sustainable future together



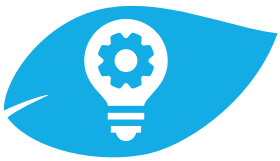
Determined to reduce our environmental footprint, we aim to be CO_2-neutral by 2050. A circular economy, innovation and smart use – these are the stepping stones on our path. **The time to act is now. Join us in creating a sustainable future for HVAC-R.**

Sowing the seeds of climate protection with Daikin



Through a circular economy

- Embrace Certified Reclaimed Refrigerant Allocation to reuse more refrigerant
- Increase recovered refrigerant returns
- Reuse refrigerant for maintenance with our refrigerant recycling machine



Through innovation

- Equip our VRV 5 range with the lower GWP refrigerant R-32
- Offer high real-world seasonal efficiencies
- Deploy unique auto cleaning filters to maximise efficiency 24/7

Through smart use

- Rigorously follow up on energy consumption via the Daikin Cloud Service
- Factor in experts' advice to continuously optimise system efficiency
- Enable predictive maintenance to ensure optimum operation and uptime
- Prevent energy waste with smart key cards and sensors

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