



Sky Air

Product catalogue 2019
for professionals



Including
NEW
Sky Air Alpha-series
and Round Flow
cassette





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

SkyAir A-series BLUEEVOLUTION

More details on page 92

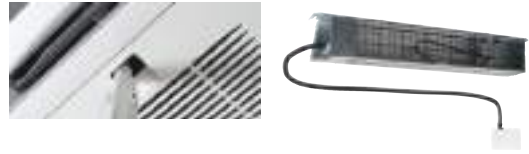
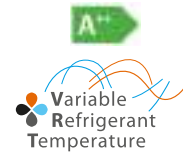


System	Type	Model	Product name	35	50	60	71	100	125	140	
Air cooled	Heat pump	NEW SkyAir Alpha-series - Industry leading technology for commercial applications - Dedicated solution for infrastructure cooling - Variable Refrigerant Temperature (RZAG71-100-125-140 series) - Maximum piping length up to 85m (50m for RZAG35-50-60) - Replacement technology - Extended operation range down to -20°C in both heating and cooling - Pair, twin, triple and double twin application (RZAG71-100-125-140 series)	R-32 A⁺⁺ (A+++ - D)	RZAG-A RZAG-NV1/NY1	3.5 kW NEW 	5.0 kW NEW 	6.0 kW NEW 	6.8 kW NEW 	9.5 kW NEW 	12.1 kW NEW 	13.4 kW NEW
			RZAG-MV/MY1								
			RZASG-MV1/MY1								
		SkyAir Advance-series - Technology and comfort combined for commercial applications - Very compact and easy to install outdoor units - Maximum piping length up to 50m - Replacement technology - Operation range down to -15°C both cooling and in heating - Pair, twin, triple and double twin application	R-32 A⁺ (A+++ - D)	RZASG-MV1/MY1							
		SkyAir Active-series - Ideal solution for busy environments and small shops - Very compact and easy to install outdoor units - Maximum piping length up to= 30m - Replacement technology - Easy-to-mount outdoor units: roof, terrace or wall - Exclusively offered for pair applications	R-32 A (A+++ - D)	ARXM-N9 AZAS-MV1/MY1							

Full indoor line up available for R-32 and R-410A (over 45 different models)

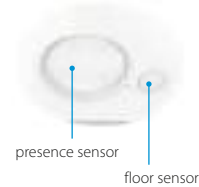
2 High energy efficiency

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



3 Best comfort

- › **Variable Refrigerant Temperature** preventing cold draughts
- › **Low sound** indoor and outdoor units
- › **Presence and floor sensors** direct the air flow away from persons, while ensuring an even temperature distribution
- › Operation down to **-20°C in heating and cooling** operation
- › 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



Intelligent Controller



BRC1H519W7



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 assymmetric 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



Always in control, no matter where you are



Online Controller



BRP069*

- › Simple control from your smartphone
- › Control your device at anytime from anywhere
- › For single shop control
- › 3rd party products and services integration via IFTTT

More details
on page 136



All unified indoor units connectable

Connectable units overview:

Ceiling mounted

- › FCAHG-H
- › FCAG-B
- › FFA-A9

Wall mounted

- › FAA-A

Ceiling suspended

- › FHA-A(9)
- › FUA-A

Concealed ceiling

- › FDXM-F9
- › FBA-A(9)
- › FDA-A
- › ADEA-A

Floor standing

- › FVA-A
- › FNA-A9

If this, then that

- › IFTTT is a solution that connects compatible 3rd party products and services (smart meters, lights, thermostats, ...), so they work best for you.

Intelligent Tablet Controller

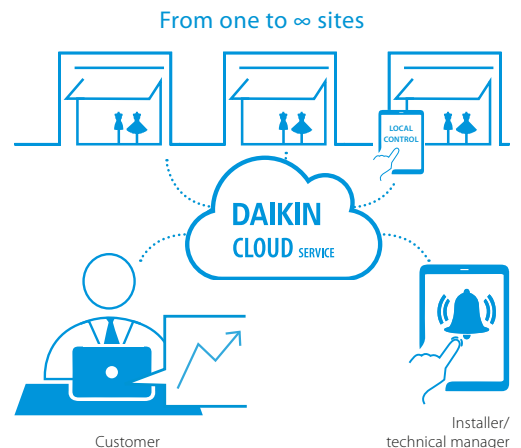
Intelligent Tablet Controller



DCC601A51

- › User-friendly touch screen to centrally control your A/C and alarms
- › Connects to the Daikin Cloud Service
- › Built for multi-site control and monitoring
- › Installers and technical managers can see alarms so they can provide remote assistance

More details
on page 146

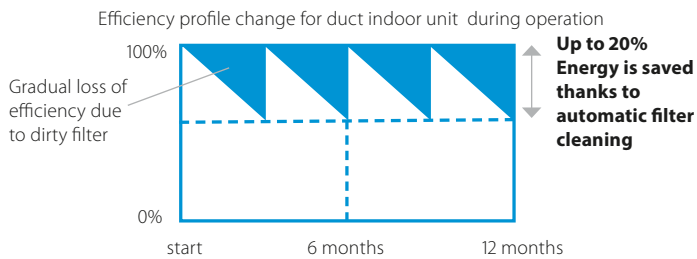


Unique auto cleaning technology



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

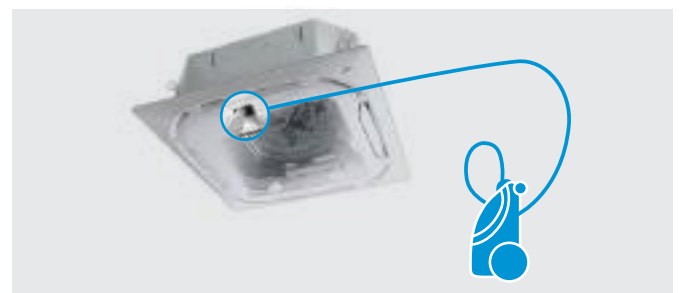
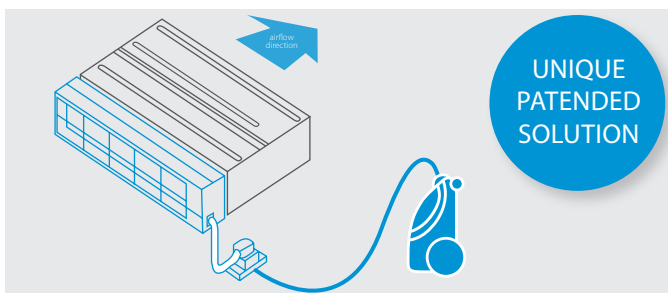


Improved indoor air quality

- › Optimum airflow eliminates draft and insulates sound

How does it work?

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



Concealed ceiling units

- › Ideal for hotels and residential applications
- › Cleaning team /owner can clean the filter

More details on page 36

Combination table

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

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

More details on page 22

		Sky Air		VRV
		FCAG-B	FCAHG-H	FXFQ-B
BYCQ140EG	<input type="checkbox"/>	•	•	•
BYCQ140EGF (fine mesh)	<input type="checkbox"/>	•	•	•
NEW BYCQ140EGFB (fine mesh)	<input checked="" type="checkbox"/>	•	•	•

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

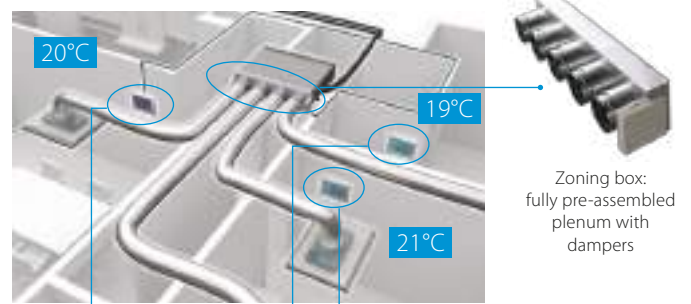
Increased comfort

- > 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

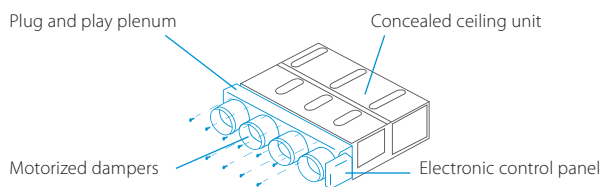
Easy to install

- > 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



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)

Airzone Zone Thermostat

- > Thermostat with buttons for controlling the temperature

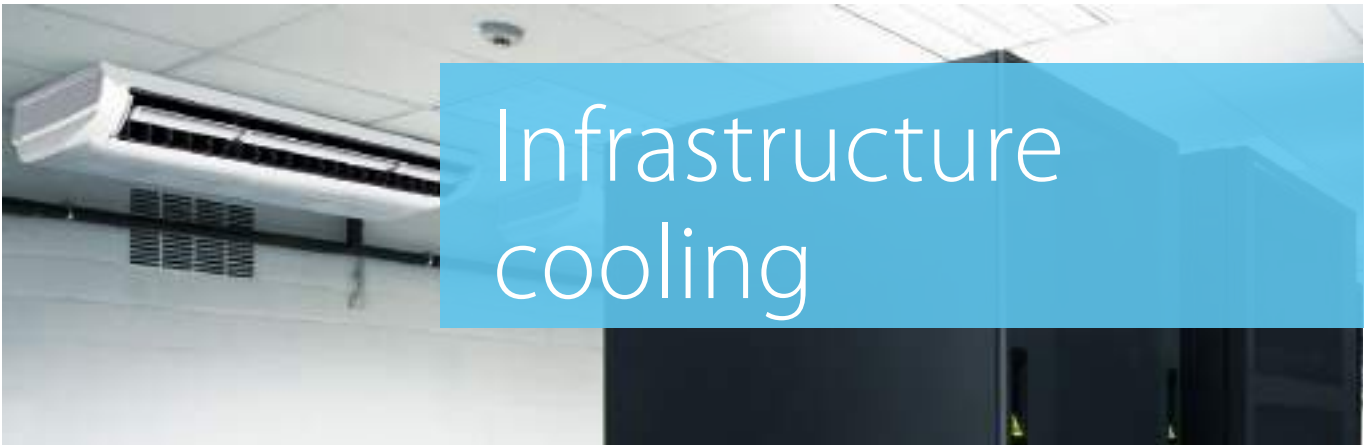


AZCE6LITECB (Wired) AZCE6LITERB (Wireless)

Compatibility

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

For more information on options refer to page 142.



Infrastructure cooling



NEW
RZAG-A range
with small
capacities
(35-50-60 class)

Infrastructure cooling

- › For rooms and enclosures that require round-the-clock cooling
- › Where continuous uptime is the absolute requirement for server data protection

Between
20-40%
sensible capacity
increase

Reliable

- Guaranteed system operation:
- › Oversized indoor units boost cooling capacity and prevent freeze-ups on the indoor side
 - › Wide operating range envelope: operation range in cooling down to -20°C and up to +52°C

Efficient

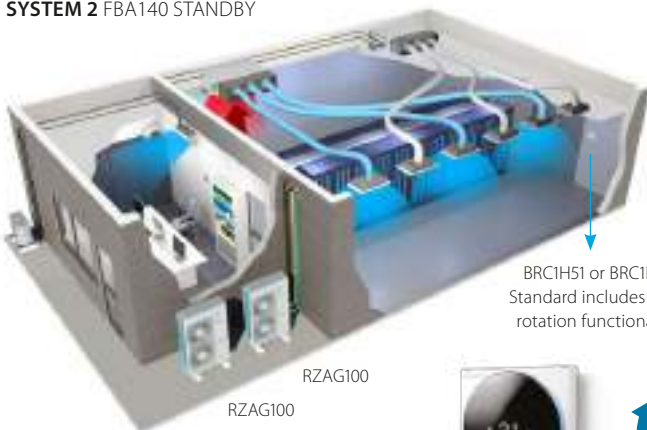
- Optimum return on investment:
- › Lowers running costs by using highly efficient direct expansion cooling systems
 - › Lower running costs compared to other DX systems and water based chillers.
 - › Minimises environmental impact with A++ energy labels (A+++ - D)
 - › Reduces mechanical cooling and energy consumption with the free cooling option for single phase systems

Flexible

- › Scalable in capacity
- › Improved infrastructure control and management
- › Lower physical footprint since no floor space is occupied
- › Wide range of indoor units to suit application preferences (ceiling suspended cassettes, wall mounted indoors, concealed ceiling ducted type indoors)

Duty rotation application example

SYSTEM 1 FBA140 IN OPERATION
SYSTEM 2 FBA140 STANDBY



SYSTEM 1 FBA140 STANDBY
SYSTEM 2 FBA140 IN OPERATION



BRC1H51 or BRC1E53
Standard includes duty rotation functionality





"We were very happy to work with Daikin in installing one of the latest fully controllable systems with operational flexibility, which met all our requirements."

Retail shop representative

Shops

Reducing retail costs

- › Open door trading thanks to Biddle air curtains
- › Discreet with limited visual and operating impact
- › Reduces energy usage and costs
- › Worry-free installation
- › User-friendly control

In the current commercial environment, retailers are under pressure to **reduce both store development and running costs**. Legislation adds further financial pressure with different energy-efficient schemes. Therefore affordable, energy-efficient solutions

are vital to minimise lifetime costs, while ensuring compliance with the latest regulations.

Whatever the site and requirements we can design a system that is **economical**, has low environmental impact and uses the very latest technology. Our heat pumps extract heat from the outside air even in cold weather to warm the retail space and can be installed either on roof tops or against walls - the ultimate in **installation flexibility**. And our air curtains solve that problem of comfort loss resulting from exterior doors.

Store & shop



"Leading edge design in harmony with the construction and interior design."

Architect

Offices

Efficiency in the workplace

- › Fully flat cassette: Design and genius in one.
- › Cutting the cost of hot water.
- › Fresh air: A healthier office atmosphere.
- › Centralised control: Complete Daikin package for office building management

Efficient building and facilities management is key to minimising operational costs. Daikin's customised office solutions give you **full control** over energy

consumption – creating the ideal working conditions and minimising environmental impact.

Daikin's office air conditioning can be integrated into a whole **climate control solution**. **Heat recovery** between components, free cooling ventilation and free hot water production all result in lower running costs and **minimum carbon emissions**.



"Total renovation and expansion of the restaurant meant new air conditioning equipment was required. Daikin was the first and only supplier to contact as we had already had good experience in the past!"

Owner of a highly-rated restaurant

Restaurants

Perfect ambiance for dining

- › Ensures an even temperature distribution to create the perfect dining environment.
- › Heat recovery ventilation keeps the air clean
- › Highly energy efficient
- › Uses intelligent control systems operated from one central location.

Nothing should distract diners from enjoying the **perfect ambiance**, and that ambiance includes the **optimum temperature and**

ventilation. That is exactly what Daikin's concealed ceiling units deliver through whisper quiet operation and improved comfort from the 3-step air flow control.

These turn your customer's restaurant into a comfortable, welcoming environment. And with **centralised control** and easy scheduling for the entire restaurant system, **energy use is minimised** to reduce your customer's running costs.



"A reliable system and guaranteed continuous operation are what count for me."

General office manager



IT rooms, laboratories and telecom shelters

Sky Air for infrastructure cooling

- › Continuous cooling operation.
- › Dedicated infrastructure cooling settings
- › Unique selection method with capacity tables down to -20°C outdoor temperature
- › Enhanced **reliability** thanks to **assymetric combinations** (e.g. 125 class indoor + 100 class outdoor)

Servers, especially racks of servers, generate a great deal of heat and this needs to be removed through **continuous cooling**. This is achieved through **duty**

rotation between units after a certain period of use to ensure that at any time, one unit is working while the other is available for maintenance.

Given the critical importance of continuous cooling for server rooms, the system can be managed via an RTD-10 controller that can monitor and control up to 8 indoor units either directly or via the building management system (RTD-NET).



Sky Air, from high specification, tailored solutions to primary cooling and heating

Indoor units

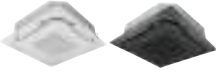

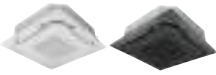


















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Product overview *SkyAir*



Type	Model	Product name	PG				
Ceiling mounted cassette	UNIQUE High COP, Round flow cassette	NEW Black and designer panels	FCAHG-H		25	360° air discharge for the highest efficiency and comfort - High COP cassette ensures top performance for commercial applications - Auto cleaning function ensures high efficiency - Intelligent sensors save energy and maximize comfort - Flexibility to suit every room layout - Widest choice ever in decoration panel designs and colors 	
	UNIQUE Round flow cassette	NEW Black and designer panels	FCAG-B		28	360° air discharge for the highest 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 	
	UNIQUE Fully flat cassette		FFA-A9		34 / 70	Unique design in the market that integrates fully flat into the ceiling - Perfect integration in standard architectural ceiling tiles - Blend of iconic design and engineering excellence with a white or silver and white finish - Intelligent sensors save energy and maximize comfort - Flexibility to suit every room layout without changing the location of the unit! - Quietest 600 x 600 cassette on the market 	
Concealed ceiling	Slim concealed ceiling unit	Auto cleaning option	Multi zoning option	FDXM-F9		37 / 71	Slim design for flexible installation - Compact dimensions enable installation in narrow ceiling voids - Medium external static pressure up to 40Pa - Small capacity unit developed for small of well insulated rooms - Auto cleaning function ensures high efficiency and reliability
	Concealed ceiling unit with medium ESP		Multi zoning option	FBA-A(9)		39 / 72	Slimmest yet most powerful 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
	Concealed ceiling unit with high ESP			FDA-A		44 / 75	ESP up to 200Pa, ideal for large sized buildings - Discretely concealed in the ceiling: only the grilles are visible - Possibility to change ESP via wired remote control allows optimisation of the supply air volume - Flexible installation as the air suction direction can be altered from rear to bottom suction
	Concealed ceiling unit with high ESP			FDQ-B		76	ESP up to 250Pa, Ideal for extra large sized spaces - Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible - Up to 26.4kW in heating mode
	Concealed ceiling unit		Multi zoning option	ADEA-A		77	Ideal for residential applications with false ceilings - Energy label up to A - Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths - Slimmest unit in class, only 245mm - Exclusively offered for pair applications
	Concealed ceiling unit			ABQ-C		78	Ideal for medium sized shops with false ceilings - Discretely concealed in the ceiling: only the grilles are visible - Best protection against possible water leakage
Wall mounted	Wall mounted unit			FAA-A		79	For rooms with no false ceilings nor free floor space - The air is comfortably spread up- and downwards thanks to 5 different discharge angles - Easy maintenance as this can be done from the front of the unit - Easy to install: 100 class is 35% lighter than previous model - Flexible to install: pipe connection can be bottom, left or right
	Perfera wall mounted unit			FTXM-N		50	For rooms with no false ceilings nor free floor space - Practically inaudible - 2 area motion detection sensor - Flash streamer technology - 3D air flow
Ceiling suspended	Ceiling suspended unit			FHA-A(9)		81	For wide rooms with no false ceilings nor free floor space - Ideal for comfortable air flow in wide rooms thanks to Coanda effect - Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily! - Can be mounted in corners or narrow spaces without any problem
	UNIQUE 4-way blow ceiling suspended unit			FUA-A		85	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! - Flexibility to suit every room layout without changing the location of the unit! - Optimum comfort guaranteed with automatic air flow adjustment to the required load - The air is comfortably spread up- and downwards thanks to 5 different discharge angles
	Ceiling suspended unit			AHQ-C		84	For wide rooms with no false ceilings nor free floor space - Guarantees a stable temperature
Floor standing	Floor standing unit			FVA-A		87	For spaces with high ceilings - Ideal solution for commercial spaces with no or narrow false ceilings - Even rooms with very high ceilings can be heated up or cooled down very easily! - Guarantees a stable temperature - Vertical and horizontal outblow
	Concealed floor standing unit			FNA-A9		89	Designed to be concealed in walls, only grilles remain visible - Slimmest unit on the market with a depth of only 200mm! - Both window sill or ducted installation are possible thanks to sufficient ESP - Whisper quiet operation allows installation in any location

Full R-32 BLUEvolution line up

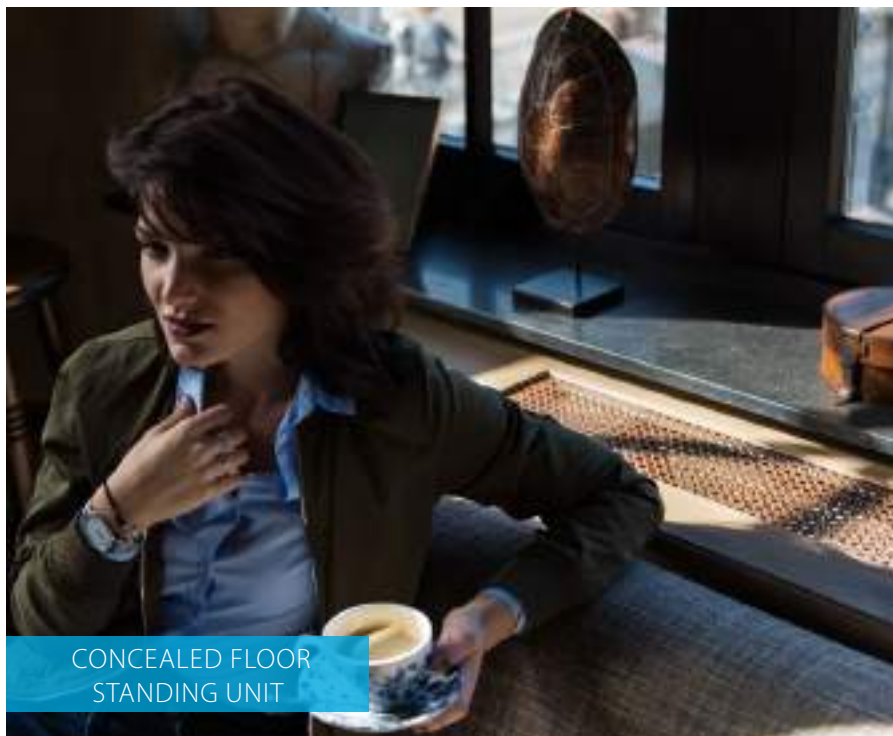
Indoor units

Capacity class										Outdoor unit combination						
25	35	50	60	71	100	125	140	200	250	R-32			R-410A			
										SkyAir Alpha-series RZAG*	SkyAir Advance-series RZASG*	SkyAir Active-series ARXM*/ AZAS*	Seasonal Smart RZQG*	Seasonal Classic RZQSG*	AZQS*	Super Inverter RZQ*
				• NEW	• NEW	• NEW	• NEW			✓			✓	✓		
	• NEW	• NEW	• NEW	• NEW	• NEW	• NEW	• NEW			✓	✓	✓	✓	✓	✓	✓
•	•	•	•							✓	✓		✓	✓		✓
•	•	•	•							✓	✓		✓	✓		✓
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	•	•	•	•	•	•	•			✓	✓		✓	✓		✓
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				•	•	•	•			✓	✓		✓	✓	✓	
				•	•	•	•			✓	✓		✓	✓		✓
•	•	•	•							✓	✓		✓	✓		✓

Benefits overview *SkyAir*

We care	 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.
	 Home leave operation	During absence, the indoor temperature can be maintained at a certain level.
	 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, when the air flow control is on. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor.
Comfort	 Draught prevention	When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired.
	 Whisper quiet	Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood.
	 Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature.
Air treatment	 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	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.
	 Fan speed steps	Allows to select up to the given number of fan speed.
	 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	 Online controller	Can control and monitor the status of your Daikin heating or air conditioning system
	 Weekly timer	Timer can be set to start operation anytime on a daily or weekly basis
	 Infrared remote control	Infrared remote control with LCD to start, stop and regulate the air conditioner from a distance.
	 Wired remote control	Wired remote control to start, stop and regulate the air conditioner from a distance.
	 Centralised control	Centralised control to start, stop and regulate several air conditioners from one central point.
	 Multi zoning	Allows up to 6 individual climate zones with one indoor unit
Other functions	 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 (RZAG* or RZQG* outdoor unit must be used).
	 Auto-restart	The unit restarts automatically at the original settings after power failure.
	 Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies.
	 Drain pump kit	Facilitates condensation draining from the indoor unit.
	 Twin/triple/double twin application	2, 3 or 4 indoor units can be connected to only 1 outdoor unit. All indoor units operate within the same mode (cooling or heating) from one remote control.
	 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.
	 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.

Ceiling mounted cassette units			Concealed ceiling units						Ceiling suspended units	4-Way blow ceiling suspended unit	Wall mounted unit	Perfera wall mounted unit	Floor standing units		
NEW FCAHG-H	NEW FCAG-B	FFA-A9	FDXM-F9	FBA-A(9)	FDA-A	FDQ-B	NEW ADEA-A	ABQ-C	FHA-A(9)	FUA-A	AHQ-C	FAA-A	NEW FTXM-N	FVA-A	FNA-A9
•	•	•	•	•	•		•		•	•		•	•	•	•
•	•	•	•	•	•	•	•		•	•		•		•	•
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													• (incl. Flash streamer)	•	•
•	•	•	•	•	•		•		•	•		•	•	•	•
•	•	•													
•	•	•							•	•		•	• (incl. 3D air flow)	•	
5	5	3	3	3	3	2	3	3	3	3	3	3	5	3	3
•	•	•								•					
•	•	•	•	•	•		•		•	•		•	•	•	•
•	•	•	• depending on controller	•	•	•	•	•	•	•	•	•	•	•	•
optional	optional	optional	optional	optional	optional		optional		optional	optional	standard	optional	standard		optional
optional	optional	optional	optional	optional	optional	optional	optional	standard	optional	optional	optional	optional	optional	optional	optional
optional	optional	optional	optional	optional	optional	optional	optional		optional	optional		optional	optional	optional	optional
			•	•											
•	•	•	•	•	•		•		•	•		•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•		•		•	•		•	•	•	•
standard	standard	standard		standard	standard	•	optional		optional	standard		optional			
•	•	•	•	•	•		•		•	•		•			•
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	•	•	•	•					•						•





Round flow cassette



360° air discharge for improved comfort

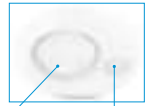
- > Industry-first and proven design.
- > **NEW** Wider flaps to even further improve equal temperature distribution

More energy efficient and user-friendly than any other cassette

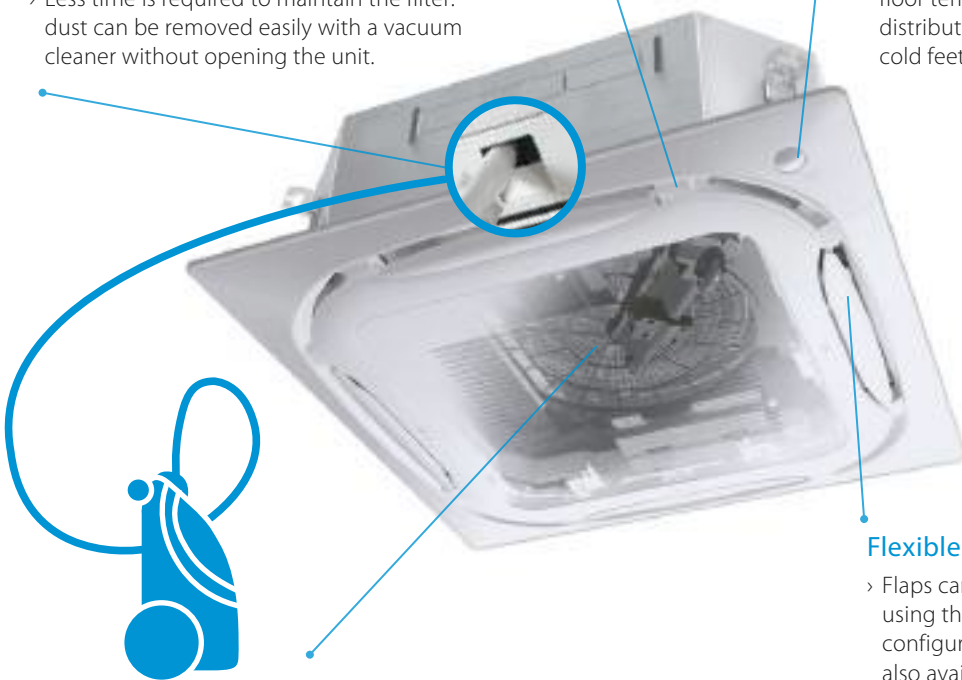
- > Running costs can be reduced down to 50% compared with standard solutions
- > Automatic filter cleaning.
- > Less time is required to maintain the filter: dust can be removed easily with a vacuum cleaner without opening the unit.

Intelligent sensors improve efficiency and comfort even more

- > The presence sensor adjusts the set point if no one is detected in the room leading to up to 27% savings. It also automatically directs air flow away from any person to avoid draught.
- > The infrared floor sensor detects the average floor temperature and ensures even temperature distribution between ceiling and floor to prevent cold feet.



presence sensor floor sensor



Auto cleaning filter

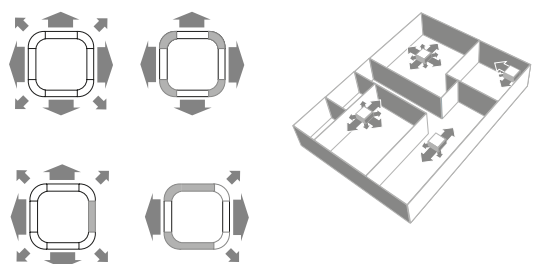
Dust can simply be removed using a vacuum cleaner without opening the unit.

* Available as an option



Flexible installation

- > Flaps can be individually controlled or closed using the wired remote control, to suit room configuration. Optional closure kits are also available.



NEW

Widest ever range of decoration panels to fit the interior and application

Standard panels available in white and black

- › The unique Daikin round flow cassette with 360° air flow, wide flaps and optional intelligent sensors



BYCQ140E
white standard panel



BYCQ140EW
Full white standard panel



BYCQ140EB
black standard panel

Auto cleaning panels available in white and black

- › The unique Daikin auto cleaning cassette with wide flaps and optional intelligent sensors
- › Finer mesh panel for dust prone areas (i.e. clothing and book shops)



BYCQ140EG
White auto cleaning panel



BYCQ140EGF
White auto cleaning panel
with fine dust filter



BYCQ140EGFB
Black auto cleaning panel
with fine dust filter

Designer panel in white and black

- › New line of design panels hiding air intake grilles for a more stylized outlook
- › With 360° air flow, wide flaps and optional intelligent sensors



White BYCQ140EP
White designer panel panel



BYCQ140EPB
Black designer panel



ROUND FLOW CASSETTE, BLACK DESIGNER PANEL



ROUND FLOW CASSETTE AUTO
CLEANING PANEL WITH FINE MESH FILTER

High COP, round flow cassette

360° air discharge for optimum efficiency and comfort

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- › Automatic filter cleaning 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
- › **NEW** Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › **NEW** Bigger flaps 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
- › **NEW** New single fan Sky Air Alpha-series range!



Efficiency data			FCAHG + RZAG	71H + 71NV1	100H + 100NV1	125H + 125NV1	140H + 140NV1	71H + 71NY1	100H + 100NY1	125H + 125NY1	140H + 140NY1	
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	13.4	
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5	15.5	
Space cooling	Energy efficiency class		A++				A++					
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER			7.72	7.35	8.02	7.93	7.72	7.35	8.02	7.93	
	ηs,c		%	-	-	318	314	-	-	318	314	
	Annual energy consumption	kWh/a	308	452	905	1,014	308	452	905	1,014	1,014	
Space heating (Average climate)	Energy efficiency class		A++				A++					
	Capacity	Pdesign	kW	4.70	-	9.52	-	4.70	-	9.52	-	
	SCOP/A			4.61	4.81	4.53	4.44	4.61	4.81	4.53	4.44	
	ηs,h		%	-	-	178	175	-	-	178	175	
	Annual energy consumption	kWh/a	1,427	2,771	2,942	3,002	1,427	2,771	2,942	3,002	3,002	
Indoor unit			FCAHG	71H	100H	125H	140H	71H	100H	125H	140H	
Dimensions	Unit	HeightxWidthxDepth	mm	288x840x840								
Weight	Unit		kg	25								
Air filter	Type			Resin net								
Decoration panel	Model			Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black								
		Dimensions	HeightxWidthxDepth	mm	Standard panels: 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	Cooling	Low/Medium/High	m³/min	12.2/16.7/21.2	19.0/25.7/32.3	19.9/26.7/33.5	21.1/27.3/33.5	12.2/16.7/21.2	19.0/25.7/32.3	19.9/26.7/33.5	21.1/27.3/33.5
		Heating	Low/Medium/High	m³/min	12.2/16.7/21.2	19.0/25.7/32.3	19.9/26.7/33.5	21.1/27.3/33.5	12.2/16.7/21.2	19.0/25.7/32.3	19.9/26.7/33.5	21.1/27.3/33.5
Sound power level	Cooling			dB(A)	53		61		53		61	
	Heating			dB(A)	53		61		53		61	
Sound pressure level	Cooling	Low/High		dB(A)	29/36	33/44	35/45	37/45	29/36	33/44	35/45	37/45
	Heating	Low/High		dB(A)	29/36	33/44	35/45	37/45	29/36	33/44	35/45	37/45
Control systems	Infrared remote control			BRC7FA532F								
	Wired remote control			BRC1H519W/S/K7, BRC1E53A/B/C, BRC1D52								
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220								
Outdoor unit			RZAG	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1	
Dimensions	Unit	HeightxWidthxDepth	mm	870x1,100x460								
Weight	Unit		kg	70		92		70		92		
Sound power level	Cooling		dB(A)	64	66	69	70	65	66	69	70	
	Heating		dB(A)	-	-	69	70	-	-	69	70	
Sound pressure level	Cooling	Nom.	dB(A)	46	47	50	51	46	47	50	51	
	Heating	Nom.	dB(A)	49	51		52	49	51		52	
Operation range	Cooling	Ambient	Min.~Max.	-20~52								
	Heating	Ambient	Min.~Max.	-20~18.0								
Refrigerant	Type/GWP			R-32/675								
Piping connections	Charge		kg/CO2Eq	2.95/1.99		3.75/2.53		2.95/1.99		3.75/2.53		
	Liquid/Gas	OD	mm	9.52/15.9								
Piping length	OU - IU	Max.	m	55		85		55		85		
	System	Equivalent	m	75		100		75		100		
	Chargeless		m	40								
	Additional refrigerant charge		kg/m	See installation manual								
	Level difference	IU - OU	Max.	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		32				16		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

*Note: blue cells contain preliminary data



High COP, round flow cassette

360° air discharge for optimum efficiency and comfort

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- › 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



Efficiency data		FCAHG + RZAG	71H + 71MV1	100H + 100MV1	125H + 125MV1	140H + 140MV1	71H + 71MY1	100H + 100MY1	125H + 125MY1	140H + 140MY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	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	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER			7.72	7.35	8.02	7.93	7.72	7.35	8.02	7.93	
	ηs,c		%	-	-	318	314	-	-	318	314	
Space heating (Average climate)	Annual energy consumption		kWh/a	308	452	905	1,014	308	452	905	1,014	
	Energy efficiency class			A++		-		A++		-		
	Capacity	Pdesign	kW	4.70	-	9.52	-	4.70	-	9.52	-	
	SCOP/A			4.61	4.81	4.53	4.44	4.61	4.81	4.53	4.44	
ηs,h		%	-	-	178	175	-	-	178	175		
Annual energy consumption		kWh/a	1,427	2,771	2,942	3,002	1,427	2,771	2,942	3,002		
Indoor unit		FCAHG	71H	100H	125H	140H	71H	100H	125H	140H		
Dimensions	Unit	HeightxWidthxDpeth	mm									
Weight	Unit		kg									
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	HeightxWidthxDpeth	mm								
		Weight	kg									
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	122/167/212	190/257/323	199/267/335	211/273/335	122/167/212	190/257/323	199/267/335	211/273/335
		Heating	Low/Medium/High	m³/min	122/167/212	190/257/323	199/267/335	211/273/335	122/167/212	190/257/323	199/267/335	211/273/335
Sound power level	Cooling			dBA	53		61		53		61	
	Heating			dBA	53		61		53		61	
Sound pressure level	Cooling	Low/High		dBA	29/36	33/44	35/45	37/45	29/36	33/44	35/45	37/45
	Heating	Low/High		dBA	29/36	33/44	35/45	37/45	29/36	33/44	35/45	37/45
Control systems	Infrared remote control			BRC7FA532F								
	Wired remote control			BRC1H519W/S/K7, BRC1E53A/B/C, BRC1D52								
Power supply	Phase/Frequency/Voltage			Hz/V								
				1~/50/60/220-240/220								
Outdoor unit		RZAG	71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1		
Dimensions	Unit	HeightxWidthxDpeth	mm				990x940x320		1,430x940x320		990x940x320	
Weight	Unit		kg				70		92		70	
Sound power level	Cooling		dBA	64	66	69	70	65	66	69	70	
	Heating		dBA	-	-	69	70	-	-	69	70	
Sound pressure level	Cooling	Nom.	dBA	46	47	50	51	46	47	50	51	
	Heating	Nom.	dBA	49	51	52	52	49	51	52	52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB								
	Heating	Ambient	Min.~Max.	°CWB								
Refrigerant	Type/GWP		R-32/675									
	Charge		kg/CO2Eq	2.95/1.99		3.75/2.53		2.95/1.99		3.75/2.53		
Piping connections	Liquid/Gas	OD	mm									
	Piping length	OU - IU	Max.	m				m				
		System	Equivalent	m				m				
			Chargeless	m				m				
	Additional refrigerant charge		kg/m									
	Level difference	IU - OU	Max.	m								
Power supply	Phase/Frequency/Voltage		Hz/V				Hz/V					
Current - 50Hz	Maximum fuse amps (MFA)	A	20		32				16			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.



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
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- › **NEW** Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
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- › **NEW** RZAG-A mini Sky Air Alpha-series includes technical cooling function!
- › **NEW** New single fan Sky Air Alpha-series range!



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	Nom.	kW	3,5	5,0	6,0	6,80	9,50	12,1	13,4	6,80	9,50	12,1	13,4		
Heating capacity	Nom.	kW	4,0	5,8	7,0	7,50	10,8	13,5	15,5	7,50	10,8	13,5	15,5		
Space cooling	Energy efficiency class		A++		A++		-		A++		-				
	Capacity	Pdesign	kW	3,5	5,0	6,0	6,80	9,50	12,1	13,4	6,80	9,50	12,1	13,4	
	SEER		7,30	6,80	6,60	6,86	7,14	7,80	7,17	6,86	7,14	7,80	7,17		
	ηs,c		%	-	-	-	-	309	284	-	-	309	284		
	Annual energy consumption		kWh/a	168	257	318	347	466	931	1,121	347	466	931	1,121	
Space heating (Average climate)	Energy efficiency class		A+		A+		A++		-		A+		A++		
	Capacity	Pdesign	kW	3,3	4,3	4,6	4,70	7,80	9,52	4,70	7,80	9,52	9,52		
	SCOP/A		4,30	4,30	4,25	4,41	4,61	4,34	4,61	4,41	4,61	4,34	4,34		
	ηs,h		%	-	-	-	-	-	171	-	-	-	171		
	Annual energy consumption		kWh/a	1,074	1,398	1,515	1,492	2,369	3,071	1,492	2,369	3,071	3,071		
Indoor unit		FCAG	35B	50B	60B	71B	100B	125B	140B	71B	100B	125B	140B		
Dimensions	Unit	HeightxWidthxDepth	mm				246x840x840			204x840x840		246x840x840			
Weight	Unit		18	19	21	21	24	21	24	21	24	24			
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	Standard panels: 50x950x950 / Auto cleaning panels: 130x950x950 / Designer panels: 50x950x950												
	Weight		Standard panels: 5,4 / Auto cleaning panels: 10,3 / Designer panels: 5,4												
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	8,7/10,6/12,5	8,7/10,7/12,6	8,7/11,2/13,6	9,3/12,5/15,3	12,4/17,6/22,8	12,4/19,2/26,0	9,3/12,5/15,3	12,4/17,6/22,8	12,4/19,2/26,0		
		Heating	Low/Medium/High	m³/min	9,3/11,6/13,9	8,7/10,7/12,6	8,7/11,2/13,6	9,1/12,1/15,0	12,4/17,6/22,8	12,4/19,2/26,0	9,1/12,1/15,0	12,4/17,6/22,8	12,4/19,2/26,0		
Sound power level	Cooling			dBA	49		51	54	58	51	54	58			
	Heating			dBA	49		51	54	58	51	54	58			
Sound pressure level	Cooling	Low/High		dBA	27/31		28/35	29/37	29/41	28/35	29/37	29/41			
	Heating	Low/High		dBA	27/31		28/33	29/37	29/41	28/33	29/37	29/41			
Control systems	Infrared remote control		BRC7FA532F / BRC7FA532FB												
	Wired remote control		BRC1H519W/S/K7, BRC1E53A/B/C, BRC1D52												
Power supply	Phase/Frequency/Voltage		1~/50/60/220-240/220												
Outdoor unit		RZAG	35A	50A	60A	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1		
Dimensions	Unit	HeightxWidthxDepth	734x870x373				870x1,100x460								
Weight	Unit		52				70	92	70	92	92				
Sound power level	Cooling		dBA	62	63	64	64	66	69	70	65	66	69	70	
	Heating		dBA	62	63	64	-	69	70	-	69	70			
Sound pressure level	Cooling	Nom.	dBA	48	49	50	46	47	50	51	46	47	50	51	
	Heating	Nom.	dBA	48	49	50	49	51	52	49	51	52			
Operation range	Cooling	Ambient	Min.~Max.	°CDB				-20 / +52							
	Heating	Ambient	Min.~Max.	°CWB				-20 / +24							
Refrigerant	Type/GWP		R32 / 675												
	Charge		kg/TCO2Eq	1,55/1,05		2,95/1,99		3,75/2,53		2,95/1,99		3,75/2,53			
Piping connections	Liquid/Gas	OD	mm		6,4 / 9,52		6,4/12,7		9,52/15,9						
	Piping length	OU - IU	Max.	m		50		55		85		55		85	
		System	Equivalent	m		50		75		100		75		100	
		Chargeless	m		30		40								
		Additional refrigerant charge	kg/m		See installation manual										
Power supply	Level difference	IU - OU	Max.	m		30		30,0							
	Phase/Frequency/Voltage		Hz/V	Single / 50 / 230				1~/50/220-240			3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	16	16	20	20	32			16					

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Round flow cassette

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- › 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



Efficiency data		FCAG + RZAG	71B + 71MV1	100B + 100MV1	125B + 125MV1	140B + 140MV1	71B + 71MY1	100B + 100MY1	125B + 125MY1	140B + 140MY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	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	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER		6.86	7.14	7.80	7.17	6.86	7.14	7.80	7.17		
	ηs,c		%	-	-	309	284	-	-	309	284	
	Annual energy consumption	kWh/a	347	466	931	1,121	347	466	931	1,121		
Space heating (Average climate)	Energy efficiency class		A+				A++					
	Capacity	Pdesign	kW	4.70	7.80	9.52		4.70	7.80	9.52		
	SCOP/A		4.41	4.61	4.34		4.41	4.61	4.34			
	ηs,h		%	-	-	171		-	-	171		
	Annual energy consumption	kWh/a	1,492	2,369	3,071		1,492	2,369	3,071			
Indoor unit		FCAG	71B	100B	125B	140B	71B	100B	125B	140B		
Dimensions	Unit	HeightxWidthxDepth	204x840x840			246x840x840		204x840x840			246x840x840	
Weight	Unit	kg	21			24		21			24	
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	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	Cooling	Low/Medium/High	m³/min	93/125 /153	124/176 /228	12.4/19.2 /26.0	93/125 /153	124/176 /228	12.4/19.2 /26.0		
		Heating	Low/Medium/High	m³/min	9.1/12.1 /15.0	12.4/17.6 /22.8	12.4/19.2 /26.0	9.1/12.1 /15.0	12.4/17.6 /22.8	12.4/19.2 /26.0		
Sound power level	Cooling		dBA	51	54	58	51	54	58			
		Heating	dBA	51	54	58	51	54	58			
Sound pressure level	Cooling	Low/High	dBA	28/35	29/37	29/41	28/35	29/37	29/41			
		Heating	Low/High	dBA	28/35	29/37	29/41	28/33	29/37	29/41		
Control systems	Infrared remote control		BRC7FA532F / BRC7FA532FB									
	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52									
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220									
Outdoor unit		RZAG	71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1		
Dimensions	Unit	HeightxWidthxDepth	990x940x320			1,430x940x320		990x940x320			1,430x940x320	
Weight	Unit	kg	70			92		70			92	
Sound power level	Cooling		dBA	64	66	69	70	65	66	69	70	
		Heating	dBA	-	-	69	70	-	-	69	70	
Sound pressure level	Cooling	Nom.	dBA	46	47	50	51	46	47	50	51	
		Heating	Nom.	dBA	49	51	52		49	51	52	
Operation range	Cooling	Ambient	Min.~Max.	-20~-52								
		Heating	Ambient	Min.~Max.	-20~-18.0							
Refrigerant	Type/GWP			R-32/675								
		Charge	kg/TCO2Eq	2.95/1.99			3.75/2.53		2.95/1.99		3.75/2.53	
Piping connections	Liquid/Gas	OD	mm	9.52/15.9								
		Piping length	OU - IU	Max.	m	55	85		55	85		
	System	Equivalent	m	75	100		75	100				
		Chargeless	m	40								
	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			32		16				

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

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
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- › **NEW** Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › **NEW** Bigger flaps 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



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	
	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			4.00	4.17	4.05	4.31	4.17	4.05	4.31	
	ηs,h			-		159	169	-		159	
	Annual energy consumption	kWh/a		1,575	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		204x840x840			246x840x840				
Weight	Unit	kg		21	24						
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		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	Cooling	Low/Medium/High	m³/min	9.3/12.5/15.3	12.4/17.6/22.8	12.4/19.2/26.0	12.4/17.6/22.8	12.4/19.2/26.0	12.4/19.2/26.0	
		Heating	Low/Medium/High	m³/min	9.1/12.1/15.0	12.4/17.6/22.8	12.4/19.2/26.0	12.4/17.6/22.8	12.4/19.2/26.0	12.4/19.2/26.0	
Sound power level	Cooling			dB(A)	51	54	58	54	58	58	
	Heating			dB(A)	51	54	58	54	58	58	
Sound pressure level	Cooling	Low/High	dB(A)		28/35	29/37	29/41	29/37	29/41	29/41	
	Heating	Low/High	dB(A)		28/33	29/37	29/41	29/37	29/41	29/41	
Control systems	Infrared remote control	BRC7FA532F / BRC7FA532FB									
	Wired remote control	BRC1H519W/S/K7/ BRC1E53A/B/C / 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		770x900x320			990x940x320				
Weight	Unit	kg		60	70		78	70		77	
Sound power level	Cooling	dB(A)		65	70	71	73	70	71	73	
	Heating	dB(A)		-		71	73	-	71	73	
Sound pressure level	Cooling	Nom.	dB(A)		46	53		53		54	
	Heating	Nom.	dB(A)		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/CO2Eq		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		9.52/15.9							
	Piping length	OU - IU	Max.	m							
		System	Equivalent	m							
			Chargeless	m							
	Additional refrigerant charge	kg/m		See installation manual							
	Level difference	IU - OU	Max.	m							
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240				3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)	A		20	25	32		16			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.



Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Ideal solution for small businesses and shops
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- › **NEW** Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › **NEW** Bigger flaps 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



NEW

Efficiency data		FCAG + ARXM/AZAS	71B + ARXM71	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+			A+			
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.0	9.50	13.0	
	SEER		5.57	5.67	5.40	6.00	5.67	5.40	6.00	
	ηs,c		%	-	-	213	237	-	213	237
	Annual energy consumption	kWh/a	-	586	1,345	1,300	586	1,345	1,300	
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		3.81	3.85	3.80	4.31	3.85	3.80	4.31	
	ηs,h		%	-	-	149	169	-	149	169
	Annual energy consumption	kWh/a	-	2,182	2,211	2,534	2,182	2,211	2,534	
Indoor unit		FCAG	71B	100B	125B	140B	100B	125B	140B	
Dimensions	Unit	HeightxWidthxDpeth	mm	204x840x840		246x840x840				
Weight	Unit		kg	21	24					
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	HeightxWidthxDpeth	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	Cooling	Low/Medium/High	m³/min	9.3/12.5 / 15.3	12.4/17.6 / 22.8	12.4/19.2 / 26.0	12.4/17.6 / 22.8	12.4/19.2 / 26.0	
		Heating	Low/Medium/High	m³/min	9.1/12.1 / 15.0	12.4/17.6 / 22.8	12.4/19.2 / 26.0	12.4/17.6 / 22.8	12.4/19.2 / 26.0	
Sound power level	Cooling			dBA	51	54	58	54	58	
		Heating		dBA	51	54	58	54	58	
Sound pressure level	Cooling	Low/High		dBA	28/35	29/37	29/41	29/37	29/41	
		Heating	Low/High	dBA	28/33	29/37	29/41	29/37	29/41	
Control systems	Infrared remote control			BRC7FA532F / BRC7FA532FB						
	Wired remote control			BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220						
Outdoor unit		ARXM/AZAS	ARXM71N9	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1	
Dimensions	Unit	HeightxWidthxDpeth	mm	734x870x373		990x940x320				
Weight	Unit		kg	50	70	78	70	71	77	
Sound power level	Cooling		dBA	65	70	71	70	71	73	
	Heating		dBA	65	-	71	73	71	73	
Sound pressure level	Cooling	Nom.	dBA	52	53	54	53	54		
	Heating	Nom.	dBA	52		57				
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		-5~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18		-15~15.5			
Refrigerant	Type/GWP			R-32/675						
	Charge		kg/CO2Eq	1.15 / 0.78	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	20					
		System	Equivalent	m	-					
		Chargeless	m	10						
	Additional refrigerant charge		kg/m	See installation manual						
	Level difference	IU - OU	Max.	m	15					
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240		1~/50/220-240		3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	16	25	32		16		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

*Note: blue cells contain preliminary data

Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with split outdoor units is ideal for small retail, offices or residential applications
- › Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter
- › Two optional intelligent sensors improve energy efficiency and comfort
- › **NEW** 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
- › **NEW** 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



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	
	η _{s,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	
	η _{s,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					
	Weight	kg							
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/K7/S7 / 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			
Piping connections	Charge			kg/CO ₂ Eq	0.76/0.52	1.15/0.78			
	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		-			

Fully Flat Cassette

Design & Genius in one

Why choose fully flat cassette

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

FFA-A9 / FXZQ-A



Choice between grey or white panel

Benefits for the installer

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

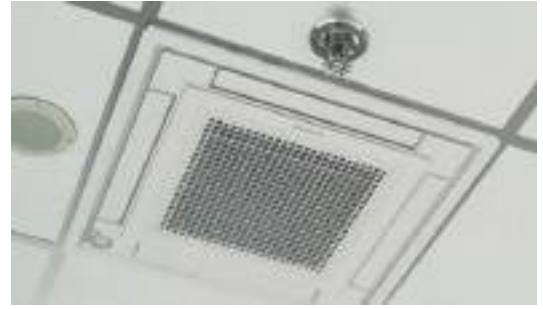
Benefits for the consultant

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

Benefits for the end user

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





Unique design

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

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



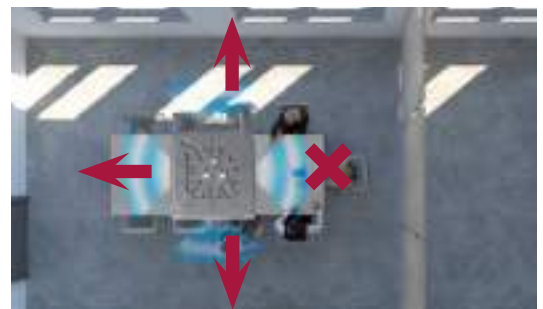
Differentiating in technology

Optional presence sensor

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

Optional floor sensor

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



Top efficiency

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

* for FFA25,35A9 in combination with RXM25,35M9

Other benefits

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

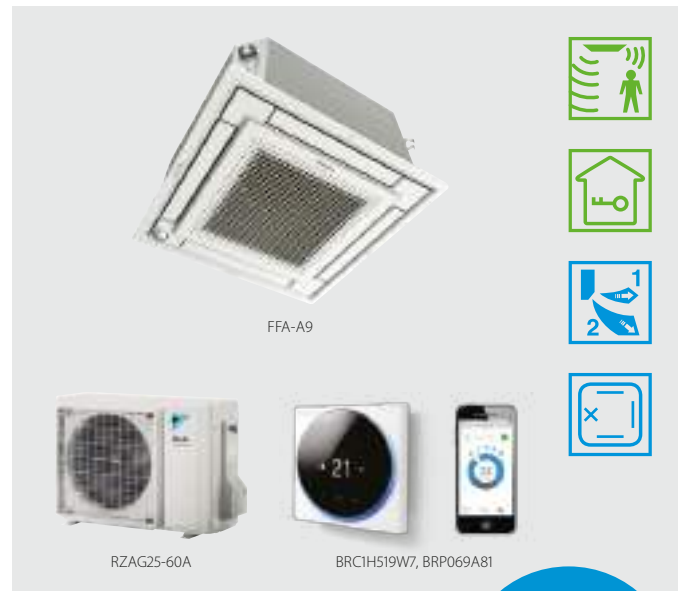
Marketing tools

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

Fully flat cassette

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

- › Combination with Sky Air Alpha-series ensure 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!
- › Reduced energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- › Optional fresh air intake



NEW
RZAG-A mini Sky Air Alpha-series includes technical cooling function!

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		17.5			
Weight	Unit	kg		16.0							
Air filter	Type					Resin net					
Decoration panel						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	m³/min	6.5/8.5/10.0		8.6/10.9/12.7		9.5/12.5/14.5		
		Heating	Low/Medium/High	m³/min	6.5/8.5/10.0		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	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)					-					

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
- › 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



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		-						
Space heating (Average climate)	Annual energy consumption	kWh/a	142	186	292	347			
	Energy efficiency class		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						
Weight	Unit		16.0		17.5				
Air filter	Type		Resin net						
Decoration panel			BYFQ60C2W1W / BYFQ60C2W1S / BYFQ60B2W1 / BYFQ60B3W1						
	Colour		White (N9.5)/SILVER/White (RAL9010)/WHITE (RAL9010)						
	Dimensions	HeightxWidthxDepth	mm						
	Weight		kg						
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min		6.5/8.0/9.0	6.5/8.5/10.0	8.6/10.9/12.7	9.5/12.5/14.5
		Heating	Low/Medium/High	m³/min		6.5/8.0/9.0	6.5/8.5/10.0	8.6/10.9/12.7	9.5/12.5/14.5
	Sound power level	Cooling		dBA		48.0	51.0	56.0	60.0
Sound pressure level	Cooling	Low/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	550x765x285		734x870x373				
Weight	Unit		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					
	Heating	Ambient	Min.~Max.	°CWB					
Refrigerant	Type		R-32						
	GWP		675						
	Charge	kg/CO2Eq	0.76/0.52		1.15/0.78				
Piping connections	Liquid	OD	mm		635				
	Gas	OD	mm		9.50				
	Piping length	OU - IU	Max.	m		20			
		System	Chargeless	m		10			
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)					
	Level difference	IU - OU	Max.	m		15			
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240						
Current - 50Hz	Maximum fuse amps (MFA)	A	-						

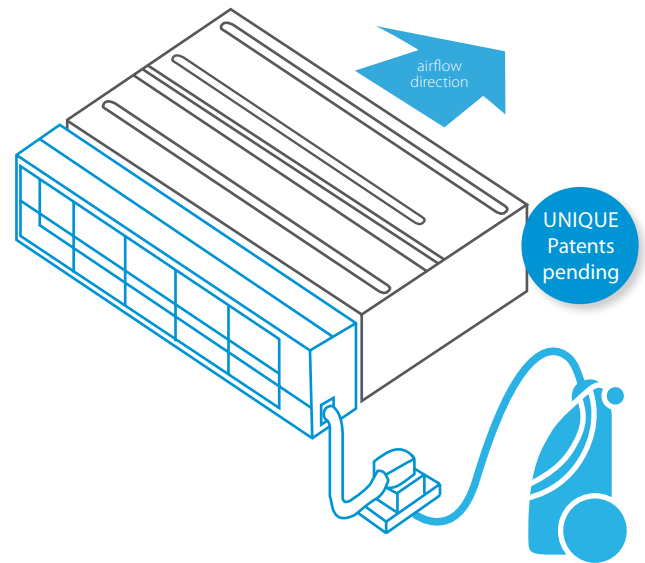
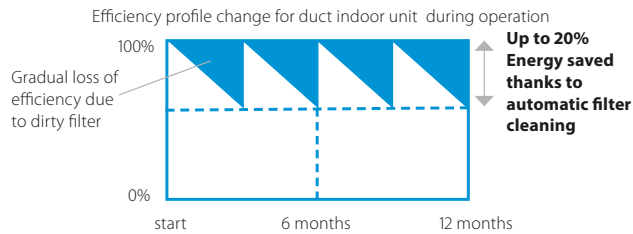
Auto cleaning filter for concealed ceiling units



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

Reduce running costs

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



Minimal time required for filter cleaning

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

Improved indoor air quality

- › Optimum airflow eliminates draft and insulates sound

Superb reliability

- › Prevents clogged filters for seamless operation

Unique technology

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



How does it work?

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

Combination table

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

Specifications

	BAE20A62	BAE20A82	BAE20A102
Height (mm)	212		
Width (mm)	764	964	1164
Width (mm) (incl. hanger bracket)	984	1094	1294
Depth (mm)	201		

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



with auto cleaning and multi zoning option

NEW
RZAG-A mini Sky Air Alpha-series includes technical cooling function!

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			%		-					
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		208		296		368			
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	m³/min	7.3/8.0/8.7		13.3/14.6/15.8		13.5/14.8/16.0		
		Heating	Low/Medium/High	m³/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			
Outdoor unit		RZAG		35A		50A		60A			
Dimensions	Unit	HeightxWidthxDepth		mm		734x870x373					
Weight	Unit	kg		52		52		64.0			
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			
	Heating	Nom.		dBA		48.0		49.0			
Operation range	Cooling	Ambient	Min.~Max.	°CDB		---		---			
	Heating	Ambient	Min.~Max.	°CWB		---		---			
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		-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		-						

Concealed ceiling unit

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

- › 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



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			-				
Space heating (Average climate)	Annual energy consumption	kWh/a		148	226	303	378	
	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			21		28		
Air filter	Type			Removable / washable				
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min		13.3/14.6/15.8		
		Heating	Low/Medium/High	m³/min		13.5/14.8/16.0		
	External static pressure	Nom.	Pa	30		40		
Sound power level	Cooling			53.0		55.0		
	Heating			53.0		55.0		
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		
Outdoor unit		RXM		25N9	35N9	50N9	60N9	
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285		734x870x373		
Weight	Unit			32		50		
Sound power level	Cooling			58		61		
	Heating			59		61		
Sound pressure level	Cooling	Nom.	dBA	46		49		
	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				
Piping connections	Charge			kg/TCO2Eq		0.76/0.52		
	Liquid	OD	mm	635		64		
	Gas	OD	mm	9.50		12.7		
	Piping length	OU - IU	Max.	m		20		
	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				
Current - 50Hz	Maximum fuse amps (MFA)			A				
				1~/50/220-240				
				-				

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- > Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- > 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
- > **NEW** RZAG-A mini Sky Air Alpha-series includes technical cooling function
- > **NEW** New single fan Sky Air Alpha-series range!



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	Nom.	kW	3.5	5.0	6.0	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	4.0	6.0	7.0	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5		
Space cooling	Energy efficiency class		A++	A+	A++	A++		-		A++		-			
	Capacity	Pdesign	kW	3.5	5.0	6.0	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER			6.12	6.3	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+		-		A+		-				
	Capacity	Pdesign	kW	4.2	4.3	4.5	4.70	7.80	9.52		4.70	7.80	9.52		
	SCOP/A			4.10	4.10	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	71A9	100A	125A	140A		
Dimensions	Unit	HeightxWidthxDepth	245x700x800		245x1,000x800	245x1,000x800	245x1,400x800		245x1,000x800		245x1,400x800				
Weight	Unit	kg	28.0		35.0	35.0	46.0		35.0		46.0				
Air filter	Type		Resin net				Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min		10.5/12.5/15.0	12.5/15.0/18.0	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0		
		Heating	Low/Medium/High	m³/min		10.5/12.5/15.0	12.5/15.0/18.0	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0	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		30/150	40/150	50/150	30/150	40/150	50/150			
Sound power level	Cooling		dBA		60	56	56	58	62	56	58	62			
Sound pressure level	Cooling	Low/High	dBA		29.0/35.0	25.0/30.0	25.0/30.0	30.0/34.0	32.0/37.0	25.0/30.0	30.0/34.0	32.0/37.0			
	Heating	Low/High	dBA		29.0/37.0	25.0/31.0	25.0/31.0	30.0/36.0	32.0/38.0	25.0/31.0	30.0/36.0	32.0/38.0			
Control systems	Infrared remote control		BRC4C65 / BRC4C66				BRC4C65 / BRC4C66								
	Wired remote control		BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52				BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52								
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220				1~/50/60/220-240/220								
Outdoor unit		RZAG	35A	50A	60A	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1		
Dimensions	Unit	HeightxWidthxDepth	734x870x373				870x1,100x460								
Weight	Unit	kg	52		70	92	70		92		70				
Sound power level	Cooling		dBA		62	63	64	64	66	69	70	65	66	69	70
	Heating		dBA		62	63	64	-	69	70	-	69	70		
Sound pressure level	Cooling	Nom.	dBA		48	49	50	46	47	50	51	46	47	50	51
	Heating	Nom.	dBA		48	49	50	49	51	52	49	51	52		
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-20 / +52				-20~52					
	Heating	Ambient	Min.~Max.	°CWB		-20 / +24				-20~18.0					
Refrigerant	Type/GWP		R32 / 675				R-32/675								
	Charge		kg/CO2Eq		1.55/1.05	2.95/1.99	3.75/2.53		2.95/1.99	3.75/2.53					
Piping connections	Liquid/Gas	OD	mm		6.4 / 9.52	6.4/12.7		9.52/15.9							
	Piping length	OU - IU	Max.	m		50		55	85		55	85			
		System	Equivalent	m		50		75	100		75	100			
		Chargeless		m		30		40							
	Additional refrigerant charge		kg/m		See installation manual										
	Level difference	IU - OU	Max.	m		30		30.0							
Power supply	Phase/Frequency/Voltage	Hz/V	Single / 50 / 230				1~/50/220-240				3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	16	16	20	20	32		16						

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter(earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

*Note: blue cells contain preliminary data

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- › Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- › 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	71A9 + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	71A9 + 71MY1	100A + 100MY1	125A + 125MY1	140A + 140MY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	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	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER			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	382	514	1,173	1,252	382	514	1,173	1,252	
Space heating (Average climate)	Energy efficiency class		A+		-		A+		-			
	Capacity	Pdesign	kW	4.70	7.80	9.52		4.70	7.80	9.52		
	SCOP/A			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	1,566	2,505	3,235	3,243	1,566	2,505	3,235	3,243	
Indoor unit		FBA	71A9	100A	125A	140A	71A9	100A	125A	140A		
Dimensions	Unit	HeightxWidthxDepth	mm	245x1,000x800		245x1,400x800		245x1,000x800		245x1,400x800		
Weight	Unit		kg	35.0		46.0		35.0		46.0		
Air filter	Type			Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0		12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0	
		Heating	Low/Medium/High	m³/min	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0		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		30/150	40/150	50/150	
Sound power level	Cooling			dBA	56	58	62		56	58	62	
Sound pressure level	Cooling	Low/High		dBA	25.0/30.0	30.0/34.0	32.0/37.0		25.0/30.0	30.0/34.0	32.0/37.0	
	Heating	Low/High		dBA	25.0/31.0	30.0/36.0	32.0/38.0		25.0/31.0	30.0/36.0	32.0/38.0	
Control systems	Infrared remote control				BRC4C65 / BRC4C66							
	Wired remote control				BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52							
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220							
Outdoor unit		RZAG	71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1		
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320		1,430x940x320		990x940x320		1,430x940x320		
Weight	Unit		kg	70		92		70		92		
Sound power level	Cooling			dBA	64	66	69	70	65	66	69	70
	Heating			dBA	-	-	69	70	-	-	69	70
Sound pressure level	Cooling	Nom.		dBA	46	47	50	51	46	47	50	51
	Heating	Nom.		dBA	49	51	52		49	51	52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~52							
	Heating	Ambient	Min.~Max.	°CWB	-20~18.0							
Refrigerant	Type/GWP				R-32/675							
Piping connections	Charge			kg/TCO2Eq	2.95/1.99		3.75/2.53		2.95/1.99		3.75/2.53	
	Liquid/Gas	OD		mm	9.52/15.9							
Piping length	OU - IU	Max.		m	55		85		55		85	
		System	Equivalent	m	75		100		75		100	
	Chargeless			m	40							
		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				32			
									16			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter(earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

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



with multi zoning option

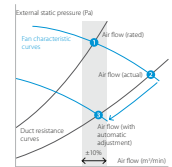
Optimised supply air volume

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



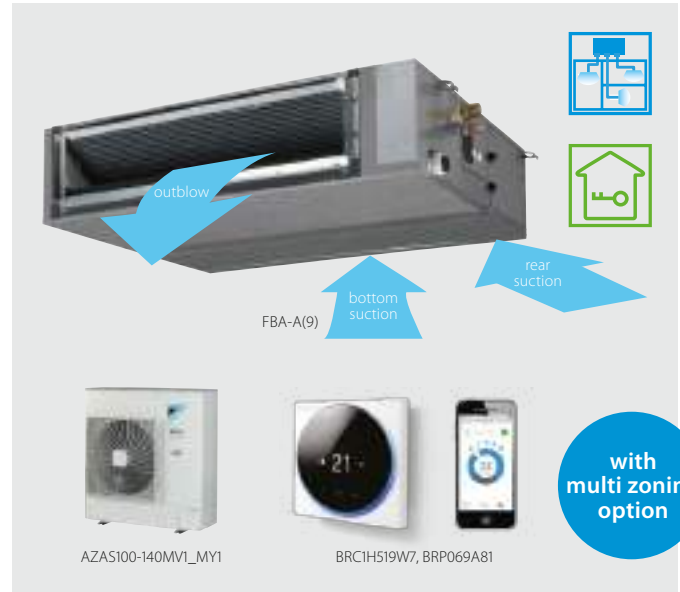
Efficiency data		FBA + RZASG	71A9 + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	100A + 100MY1	125A + 125MY1	140A + 140MY1	
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5	
Space cooling	Energy efficiency class		A++	A+			A+			
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	9.50	12.1	
	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	58	62	58	62	
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			BRC1H519W/S/K7 / BRC1E53A/B/C / 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	71	77	
Sound power level	Cooling			dBA	65	70	71	70	73	
	Heating			dBA	-	-	71	-	73	
Sound pressure level	Cooling	Nom.		dBA	46	53	54	53	54	
	Heating	Nom.		dBA	47	-	57	-	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/CO ₂ Eq	2.45/1.65	2.60/1.76	2.90/1.96	2.60/1.76	2.90/1.96	
Piping connections	Liquid/Gas	OD		mm	9.52/15.9					
	Piping length	OU - IU	Max.	m	50					
		System	Equivalent		m	70				
			Chargeless		m	30				
	Additional refrigerant charge			kg/m	See installation manual					
Level difference	IU - OU	Max.		m	30.0					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240				3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32	16		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- > Ideal solution for small businesses and shops
- > Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- > Low operation sound level down to 25dBA
- > Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- > Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- > Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- > Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- > 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



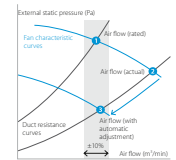
> Standard built-in drain pump with 625mm lift increases flexibility and installation speed

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



NEW

Efficiency data		FBA + AZAS	71A9 + ARXM71N9	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	13.0	9.50	12.1	13.0	
	SEER		5.57	5.25	4.85	5.50	5.25	4.85	5.50		
	ηs,c	%	-	-	191	217	-	191	217		
	Annual energy consumption		kWh/a	-	633	1,497	1,418	633	1,497	1,418	
Space heating (Average climate)	Energy efficiency class		A	A	-	-	A	-	-		
	Capacity	Pdesign	kW	4.50	6.00	7.80	6.00	7.80	6.00		
	SCOP/A		3.81	3.81	3.55	3.85	3.81	3.55	3.85		
	ηs,h	%	-	-	139	151	-	139	151		
	Annual energy consumption		kWh/a	-	2,205	2,366	2,836	2,205	2,366	2,836	
Indoor unit		FBA	71A9	100A	125A	140A	100A	125A	140A		
Dimensions	Unit	HeightxWidthxDepth	mm	245x1,000x800							
Weight	Unit		kg	35.0							
Air filter	Type			Resin net							
Fan	Air flow rate	Cooling	Low/Medium/High	m³/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	m³/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	58	62	58	62		
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		BRC4C65 / BRC4C66				
	Wired remote control				BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52				
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220		1~/50/60/220-240/220				
Outdoor unit		AZAS/AZAS	71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1		
Dimensions	Unit	HeightxWidthxDepth	mm	734x870x373							
Weight	Unit		kg	50							
Sound power level	Cooling			dBA	65	70	71	73	70	71	73
	Heating			dBA	65	-	71	73	-	71	73
Sound pressure level	Cooling	Nom.		dBA	52	53	54	53	54		
	Heating	Nom.		dBA	52			57			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46			-5~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18			-15~15.5			
Refrigerant	Type/GWP				R-32/675						
	Charge			kg/CO2Eq	1.15 / 0.78	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	20						
		System	Equivalent	m	-						
		Chargeless	m	10							
	Additional refrigerant charge	Level difference	IU - OU	Max.	kg/m	See installation manual					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240	1~/50/220-240		3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	16	25	32	16			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

*Note: blue cells contain preliminary data

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

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- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume



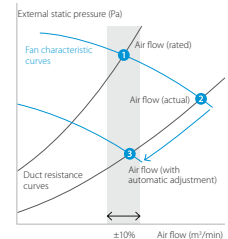
Optimised supply air volume

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	m ³ /min		10.5/12.5/15.0		12.5/15.0/18.0		
		Heating	Low/Medium/High	m ³ /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		63		
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								
Piping connections	Charge	kg/CO ₂ Eq		0.76/0.52		1.15/0.78				
	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		-					

Concealed ceiling unit with high ESP

ESP up to 200, ideal for large sized spaces

- High external static pressure up to 200Pa facilitates extensive duct and grille network
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- 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
- NEW** New single fan Sky Air Alpha-series range!



		FDA + RZAG / RZASG		Sky Air Alpha-series				Sky Air Advance-series		
Efficiency data				125A + 125NV1	125A + 125NY1	125A + 125MV1	125A + 125MY1	125A + 125MV1	125A + 125MY1	
Cooling capacity	Nom.	kW						12.1		
Heating capacity	Nom.	kW						13.5		
Space cooling	Energy efficiency class								-	
	Capacity	Pdesign	kW						12.1	
	SEER				6.59		6.59		5.03	
	ηs,c		%		261		261		198	
	Annual energy consumption		kWh/a		1,102		1,102		1,444	
Space heating (Average climate)	Energy efficiency class								-	
	Capacity	Pdesign	kW		6.59		6.59		6.00	
	SCOP/A				261		261		3.58	
	ηs,h		%		1,102		1,102		140	
	Annual energy consumption		kWh/a		3,267		3,267		2,346	
Indoor unit		FDA		125A						
Dimensions	Unit	HeightxWidthxDepth		mm		300x1,400x700				
Weight	Unit	kg		45						
Required ceiling void >		mm		350						
Air filter	Type			Resin net						
Decoration panel	Model			BYBS125DJW1						
	Colour			White (10Y9/0.5)						
	Dimensions	HeightxWidthxDepth		mm		55x1,500x500				
Fan	Air flow rate	Cooling	Low/High	m ³ /min		28.0/39.0				
		Heating	Low/High	m ³ /min		28.0/39.0				
	External static pressure	Nom./High		Pa		50/200				
Sound power level	Cooling			dBA		66				
Sound pressure level	Cooling	Low/High		dBA		33/40				
	Heating	Low/High		dBA		33/40				
Control systems	Infrared remote control				BRC4C65 / BRC4C66					
	Wired remote control				BRC1H519W/S/K7/ BRC1E53A/B/C, BRC1D52					
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/60/220-240/220					
Outdoor unit				RZAG125NV1	RZAG125NY1	RZAG125MV1	RZAG125MY1	RZASG125MV1	RZASG125MY1	
Dimensions	Unit	HeightxWidthxDepth		mm		870x1,100x460		1,430x940x320		
Weight	Unit	kg		92		92		70		
Sound power level	Cooling	dBA		69		69		71		
	Heating	dBA		69		69		71		
Sound pressure level	Cooling	Nom.		dBA		50		53		
	Heating	Nom.		dBA		52		57		
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-20~-52		-15~-46		
	Heating	Ambient	Min.~Max.	°CWB		-20~-18.0		-15~-15.5		
Refrigerant	Type/GWP				R-32/675		R-32/675			
	Charge	kg/TCO2Eq		3.75/2.53		3.75/2.53		2.60/1.76		
Piping connections	Liquid/Gas	OD	mm		9.52/15.9		9.52/15.9			
	Piping length	OU - IU	Max.	m		85		85		
		System	Equivalent	m		100		100		
		Chargeless	m		40		40		30	
	Additional refrigerant charge	kg/m		See installation manual						
Level difference	IU - OU	Max.	m		30.0		30.0			
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240	3~/50/380-415	1~/50/220-240	3~/50/380-415	1~/50/220-240	
Current - 50Hz	Maximum fuse amps (MFA)		A		32	32	16	32	16	

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing

*Note: blue cells contain preliminary data



Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- › Ideal solution for small businesses and shops
- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- › Low operation sound level down to 25dBA
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › 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

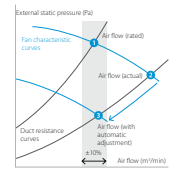


Optimised supply air volume

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		ADEA + AZAS		71A + ARXM71N9		100A + 100MV1		125A + 125MV1		
Cooling capacity	Nom.	kW		6.80		9.50		12.10		
Heating capacity	Nom.	kW		7.50		10.8		13.50		
Space cooling	Energy efficiency class			A				B		
	Capacity	Pdesign	kW	6.80		9.50		12.10		
	SEER			5.44		5.13		4.73		
	Annual energy consumption	kWh/a		437		648		1,534		
Space heating (Average climate)	Energy efficiency class			A						
	Capacity	Pdesign	kW	4.50		6.00				
	SCOP/A			3.81		3.81		3.50		
	Annual energy consumption	kWh/a		1,654		2,206		2,399		
Indoor unit		ADEA		71A		100A		125A		
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	
		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	
	External static pressure	Nom./High	Pa	30/150		40/150		50/150		
Sound power level	Cooling	dBA		56		58		62		
Sound pressure level	Cooling	Low/High	dBA	25.0/30.0		30.0/34.0		32.0/37.0		
	Heating	Low/High	dBA	25.0/31.0		30.0/36.0		32.0/38.0		
Control systems	Infrared remote control		BRC4C65 / BRC4C66							
	Wired remote control		BRC1H519W/S/K7/ BRC1E53A/B/C / BRC1D52							
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/60/220-240/220					
Outdoor unit		ARXM/AZAS		ARXM71N9		100MV1		125MV1		
Dimensions	Unit	HeightxWidthxDepth	mm	734x870x373		990x940x320				
Weight	Unit	kg		50		70				
Sound power level	Cooling	dBA		65		70		71		
	Heating	dBA		65		-		71		
Sound pressure level	Cooling	Nom.	dBA	52		53				
	Heating	Nom.	dBA	52		57				
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		-5~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18		-15~15.5			
Refrigerant	Type/GWP		R-32/675		R-32/675					
	Charge		kg/CO ₂ Eq	1.15 / 0.78		2.60/1.76				
Piping connections	Liquid/Gas	OD	mm	9.52/15.9		9.52/15.9				
	Piping length	OU - IU	Max.	m	20		30			
		System	Equivalent	m	-		50			
		Chargeless	m	10		30				
	Additional refrigerant charge		kg/m	See installation manual						
Power supply	Level difference	IU - OU	Max.	m	15		30.0			
	Phase/Frequency/Voltage		Hz/V	1~/50/220-240		1~/50/220-240				
Current - 50Hz	Maximum fuse amps (MFA)		A	16		25		32		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Wall mounted unit

For rooms with no false ceilings nor free floor space

- › Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- › Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- › 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
- › **NEW** New single fan Sky Air Alpha-series range!



Efficiency data		FAA + RZAG	71A + 71NY1	100A + 100NV1	71A + 71NY1	100A + 100NY1		
Cooling capacity	Nom.	kW	6.80	9.50	6.80	9.50		
Heating capacity	Nom.	kW	7.50	10.8	7.50	10.8		
Space cooling	Energy efficiency class		A++					
	Capacity	Pdesign	kW	6.80	9.50	6.80	9.50	
	SEER			6.58	6.42	6.58	6.42	
	ηs,c		%	-				
	Annual energy consumption		kWh/a	362	518	362	518	
Space heating (Average climate)	Energy efficiency class		A+					
	Capacity	Pdesign	kW	4.70	7.80	4.70	7.80	
	SCOP/A			4.02	4.01	4.02	4.01	
	ηs,h		%	-				
	Annual energy consumption		kWh/a	1,637	2,723	1,637	2,723	
Indoor unit		FAA	71A	100A	71A	100A		
Dimensions	Unit	HeightxWidthxDepth	mm	290x1,050x238	340x1,200x240	290x1,050x238	340x1,200x240	
Weight	Unit		kg	13.0	17.0	13.0	17.0	
Air filter	Type		-					
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	14.0/16 /18.0	19.0/23 /26.0	14.0/16 /18.0	19.0/23 /26.0
		Heating	Low/Medium/High	m³/min	14.0/16.0 /18.0	19.0/23.0 /26.0	14.0/16.0 /18.0	19.0/23.0 /26.0
Sound power level	Cooling			dB(A)	61	65	61	65
	Heating			dB(A)	61	65	61	65
Sound pressure level	Cooling	Low/High		dB(A)	40/45	41/49	40/45	41/49
	Heating	Low/High		dB(A)	40/45	41/49	40/45	41/49
Control systems	Wired remote control		BRC1H519W/S/K7/ BRC1E53A/B/C / BRC1D52					
Power supply	Phase/Frequency/Voltage		Hz/V				1~/50/220-240	
Outdoor unit		RZAG/RZAG	71NV1	100NV1	71NY1	100NY1		
Dimensions	Unit	HeightxWidthxDepth	mm	870x1,100x460				
Weight	Unit		kg	70	92	70	92	
Sound power level	Cooling			dB(A)	64	66	65	66
Sound pressure level	Cooling	Nom.		dB(A)	46	47	46	47
	Heating	Nom.		dB(A)	49	51	49	51
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~-52			
	Heating	Ambient	Min.~Max.	°CWB	-20~-18.0			
Refrigerant	Type/GWP		R-32/675					
	Charge		kg/TCO2Eq	2.95/1.99	3.75/2.53	2.95/1.99	3.75/2.53	
Piping connections	Liquid/Gas	OD	mm	9.52/15.9				
	Piping length	OU - IU	Max.	m	55	85	55	85
		System	Equivalent	m	75	100	75	100
		Chargeless		m	40			
		Additional refrigerant charge		kg/m	See installation manual			
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240	3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A		20	32	16	

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing

*Note: blue cells contain preliminary data

Wall mounted unit

For rooms with no false ceilings nor free floor space

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- › 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



Efficiency data		FAA + RZAG	71A + 71MV1	100A + 100MV1	71A + 71MY1	100A + 100MY1		
Cooling capacity	Nom.	kW	6.80	9.50	6.80	9.50		
Heating capacity	Nom.	kW	7.50	10.8	7.50	10.8		
Space cooling	Energy efficiency class		A++					
	Capacity	Pdesign	kW	6.80	9.50	6.80	9.50	
	SEER			6.58	6.42	6.58	6.42	
	η _{s,c}		%	-				
	Annual energy consumption		kWh/a	362	518	362	518	
Space heating (Average climate)	Energy efficiency class		A+					
	Capacity	Pdesign	kW	4.70	7.80	4.70	7.80	
	SCOP/A			4.02	4.01	4.02	4.01	
	η _{s,h}		%	-				
	Annual energy consumption		kWh/a	1,637	2,723	1,637	2,723	
Indoor unit		FAA	71A	100A	71A	100A		
Dimensions	Unit HeightxWidthxDepth	mm	290x1,050x238	340x1,200x240	290x1,050x238	340x1,200x240		
Weight	Unit	kg	13.0	17.0	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	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	14.0/16.0 /18.0	19.0/23.0 /26.0
Sound power level	Cooling			dBA	61	65	61	65
	Heating			dBA	61	65	61	65
Sound pressure level	Cooling	Low/High		dBA	40/45	41/49	40/45	41/49
	Heating	Low/High		dBA	40/45	41/49	40/45	41/49
Control systems	Wired remote control		BRC1H519W/S/K7/ BRC1E53A/B/C / BRC1D52					
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240					
Outdoor unit		RZAG/RZAG	71MV1	100MV1	71MY1	100MY1		
Dimensions	Unit HeightxWidthxDepth	mm	990x940x320	1,430x940x320	990x940x320	1,430x940x320		
Weight	Unit	kg	70	92	70	92		
Sound power level	Cooling			dBA	64	66	64	66
Sound pressure level	Cooling	Nom.		dBA	46	47	46	47
	Heating	Nom.		dBA	49	51	49	51
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~52			
	Heating	Ambient	Min.~Max.	°CWB	-20~-18.0			
Refrigerant	Type/GWP		R-32/675					
	Charge		kg/CO ₂ Eq	2.95/1.99	3.75/2.53	2.95/1.99	3.75/2.53	
Piping connections	Liquid/Gas	OD		mm	9.52/15.9			
	Piping length	OU - IU	Max.	m	55	85	55	85
		System	Equivalent	m	75	100	75	100
			Chargeless	m	40			
		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	32	16			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

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
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- › 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



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			
	η _{s,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			
	η _{s,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			dB(A)	61				65		
	Heating			dB(A)	61				65		
Sound pressure level	Cooling	Low/High			dB(A)	40/45				41/49	
	Heating	Low/High			dB(A)	40/45				41/49	
Control systems	Wired remote control				BRC1H519W/S/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			dB(A)	65				70		
Sound pressure level	Cooling	Nom.			dB(A)	46				53	
	Heating	Nom.			dB(A)	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/TCO ₂ Eq		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		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Wall mounted unit

For rooms with no false ceilings nor free floor space

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- › 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



NEW

Efficiency data		FAA + ARXM/AZAS		ARXM71N9 + 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		5.77		5.25					
	ηs,c		%		-		-			
	Annual energy consumption		kWh/a		-		633			
Space heating (Average climate)	Energy efficiency class		A		A					
	Capacity	Pdesign	kW		4.50		6.00			
	SCOP/A		3.81		3.81					
	ηs,h		%		-		-			
	Annual energy consumption		kWh/a		-		2,205			
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	dB(A)		61		65				
	Heating	dB(A)		61		65				
Sound pressure level	Cooling	Low/High	dB(A)		40/45		41/49			
	Heating	Low/High	dB(A)		40/45		41/49			
Control systems	Wired remote control				BRC1H519W/S/K7/ BRC1E53A/B/C / BRC1D52					
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240					
Outdoor unit		ARXM/AZAS		ARXM71N9		100MV1		100MY1		
Dimensions	Unit	HeightxWidthxDepth		mm		734x870x373		990x940x320		
Weight	Unit	kg		50		70				
Sound power level	Cooling	dB(A)		65		70				
Sound pressure level	Cooling	Nom.	dB(A)		52		53			
	Heating	Nom.	dB(A)		52		57			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		-5~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18		-15~15.5			
Refrigerant	Type/GWP		R-32/675		R-32/675					
	Charge	kg/CO ₂ Eq		1.15 / 0.78		2.60/1.76				
Piping connections	Liquid/Gas	OD		mm		9.52/15.9		9.52/15.9		
	Piping length	OU - IU	Max.	m	20		30			
		System	Equivalent	m		-		50		
		Chargeless	m		10		30			
	Additional refrigerant charge	kg/m				See installation manual				
Level difference	IU - OU	Max.	m		15		30.0			
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240		1~/50/220-240		3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)		A		16		25		16	

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

*Note: blue cells contain preliminary data

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.
- › Sleek, unobtrusive air conditioning unit that matches European sensibilities regarding interior design
- › 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



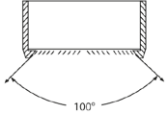
NEW
RZAG-A mini
Sky Air Alpha-series
includes
technical cooling
function!

Efficiency data		FTXM + RZAG		35N + 35A		50N + 50A		60N + 60A		
Cooling capacity	Min./Nom./Max.	kW		1.6/3.5/5.0		1.7/5.0/6.0		1.7/6.0/6.8		
Heating capacity	Min./Nom./Max.	kW		1.40/4.00/5.30		1.50/6.00/6.50		1.60/7.00/7.50		
Space cooling	Energy efficiency class					A++				
	Capacity	Pdesign	kW	3.50		5.00		6.00		
	SEER			7.70		7.41		6.90		
	ηs,c			%		-		-		
	Annual energy consumption			kWh/a		159		236		304
Space heating (Average climate)	Energy efficiency class					A++		A+		
	Capacity	Pdesign	kW	2.60		4.50		4.60		
	SCOP/A			4.60				4.35		
	ηs,h			%		-		-		
	Annual energy consumption			kWh/a		790		1,369		1,480
Indoor unit		FTXM		35N		50N		60N		
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	4.6/6.4/8.3/12.3		8.1/11.6/14.2/16.1		9.1/12.0/14.6/17.1	
		Heating	Silent operation/Low/Medium/High	m ³ /min	5.3/7.1/9.0/10.8		10.7/12.2/14.6/17.1		11.2/12.6/15.6/17.7	
Sound power level	Cooling	dBA		58		60		59		
	Heating	dBA		54		58		59		
Sound pressure level	Cooling	dBA		19/29/45		27/36/44		30/37/46		
	Heating	dBA		20/28/39		31/34/43		33/36/45		
Control systems	Infrared remote control		ARC466A33							
	Wired remote control		BRC073A1							
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		64.0		64.0		
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/TCO ₂ Eq		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		-					

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

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



- › **NEW** RZAG-A mini Sky Air Alpha-series includes technical cooling function
- › **NEW** New single fan Sky Air Alpha-series range!

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	Nom.	kW	3,5	5,0	6,0	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4			
Heating capacity	Nom.	kW	4,0	5,8	7,0	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5			
Space cooling	Energy efficiency class		A++			A++			-		A++		-			
	Capacity	Pdesign kW	3,5	5,0	6,0	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4			
	SEER		6,4	6,8	6,6	7.11	6.42	8.22	6.42	7.11	6.42	8.22	6.42			
	ηs,c	%	-			-			326		-		326			
	Annual energy consumption	kWh/a	191	257	318	335	518	883	1,252	335	518	883	1,252			
Space heating (Average climate)	Energy efficiency class		A+			A+		-		A+		A++				
	Capacity	Pdesign kW	3,1	4,0	4,6	4.70	7.80	9.52		4.70	7.80	9.52				
	SCOP/A		4,1	4,3	4,2	4.32	4.61	4.09	4.30	4.32	4.61	4.09	4.30			
	ηs,h	%	-			-			161		-		161			
	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	35A	50A	60A	71A9	100A	125A	140A	71A9	100A	125A	140A			
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690	235x1,270x690	235x960x690	235x1,270x690	235x1,590x690			235x1,270x690	235x1,590x690				
Weight	Unit		kg	24.0	31.0	25.0	32.0	38.0			32.0	38.0				
Air filter	Type		Resin net													
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	10.0/11.5/14.0	11.5/15.0/19.5	10.0/12.0/15.0	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	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	m³/min	10.0/11.5/14.0	11.5/15.0/19.5	10.0/12.0/15.0	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	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	54		55	60	62	64	55	60	62	64	
		Heating		dBA	31/36	33/37	32/37	34/38	34/42	37/44	38/46	34/38	34/42	37/44	38/46	
Sound pressure level	Cooling	Low/High		dBA	31/36	33/37	32/37	34/38	34/42	37/44	38/46	34/38	34/42	37/44	38/46	
		Heating	Nom./High	dBA	34/36	35/37		36/38	38/42	41/44	42/46	36/38	38/42	41/44	42/46	
Control systems	Infrared remote control		BRC7GA53 / BRC7GA56													
	Wired remote control		BRC1H519W/S/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				mm 870x1,100x460									
Weight	Unit		kg 52				70	92			70	92				
Sound power level	Cooling		dBA	62	63	64	64	66	69	70	65	66	69	70		
	Heating		dBA	62	63	64	-			69	70	-		69	70	
Sound pressure level	Cooling	Nom.	dBA	48	49	50	46	47	50	51	46	47	50	51		
	Heating	Nom.	dBA	48	49	50	49	51	52		49	51	52			
Operation range	Cooling	Ambient	Min.~Max.	°CDB -20 / +52				-20~52								
	Heating	Ambient	Min.~Max.	°CWB -20 / +24				-20~18.0								
Refrigerant	Type/GWP		R32 / 675													
	Charge	kg/TCO2Eq	1.55/1.05			2.95/1.99		3.75/2.53			2.95/1.99		3.75/2.53			
Piping connections	Liquid/Gas	OD	mm 6.4 / 9.52		6.4/12.7		9.52/15.9									
	Piping length	OU - IU	Max.	m 50			55			85			55		85	
		System	Equivalent	m 50			75			100			75		100	
		Chargeless	m 30			40										
		Additional refrigerant charge	kg/m See installation manual													
	Level difference	IU - OU	Max.	m 30												
Power supply	Phase/Frequency/Voltage		Hz/V Single / 50 / 230				1~/50/220-240				3~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)	A	16	16	20	20	32			16						

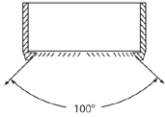
(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter(earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

*Note: blue cells contain preliminary data

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

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



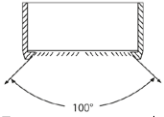
Efficiency data			FHA + RZAG	71A9 + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	71A9 + 71MY1	100A + 100MY1	125A + 125MY1	140A + 140MY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4			
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5			
Space cooling	Energy efficiency class		A++				A++						
	Capacity	Pdesign kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4			
	SEER		7.11	6.42	8.22	6.42	7.11	6.42	8.22	6.42			
	ηs,c	%	-		326	254	-		326	254			
	Annual energy consumption	kWh/a	335	518	883	1,252	335	518	883	1,252			
Space heating (Average climate)	Energy efficiency class		A+				A++						
	Capacity	Pdesign kW	4.70	7.80	9.52		4.70	7.80	9.52				
	SCOP/A		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	1,523	2,369	3,259	3,100	1,523	2,369	3,259	3,100			
Indoor unit			FHA	71A9	100A	125A	140A	71A9	100A	125A	140A		
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690		235x1,590x690		235x1,270x690		235x1,590x690			
Weight	Unit		kg	32.0		38.0		32.0		38.0			
Air filter	Type			Resin net									
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min		14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	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	m³/min		14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	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	55	60	62	64	55	60	62	64		
Sound pressure level	Cooling	Low/High	dBA	34/38	34/42	37/44	38/46	34/38	34/42	37/44	38/46		
	Heating	Nom./High	dBA	36/38	38/42	41/44	42/46	36/38	38/42	41/44	42/46		
Control systems	Infrared remote control			BRC7GA53 / BRC7GA56									
	Wired remote control			BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52									
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240									
Outdoor unit			RZAG	71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1		
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320		1,430x940x320		990x940x320		1,430x940x320			
Weight	Unit		kg	70		92		70		92			
Sound power level	Cooling		dBA	64	66	69	70	65	66	69	70		
	Heating		dBA	-		69	70	-		69	70		
Sound pressure level	Cooling	Nom.	dBA	46	47	50	51	46	47	50	51		
	Heating	Nom.	dBA	49	51	52		49	51	52			
Operation range	Cooling	Ambient	Min.~Max.	-20~52									
	Heating	Ambient	Min.~Max.	-20~18.0									
Refrigerant	Type/GWP			R-32/675									
	Charge		kg/TCO2Eq	2.95/1.99		3.75/2.53		2.95/1.99		3.75/2.53			
Piping connections	Liquid/Gas	OD	mm	9.52/15.9									
	Piping length	OU - IU	Max.	m		85		m		85			
		System	Equivalent	m		75		m		100			
		Chargeless	m		40								
		Additional refrigerant charge	kg/m		See installation manual								
	Level difference	IU - OU	Max.	m		30.0		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		32		16					

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter(earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

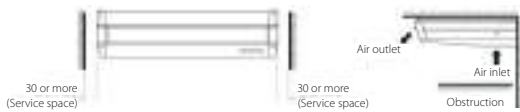
Ceiling suspended unit

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
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- › 5 different fan speeds available for maximum comfort
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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	32.0		38.0						
Air filter	Type		Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	14.0/17.0 /20.5	20.0/24.0/28.0	23.0/27.0 /31.0	24.0/29.0 /34.0	20.0/24.0 /28.0	23.0/27.0 /31.0	24.0/29.0 /34.0
		Heating	Low/Medium/High	m³/min	14.0/17.0 /20.5	20.0/24.0/28.0	23.0/27.0 /31.0	24.0/29.0 /34.0	20.0/24.0 /28.0	23.0/27.0 /31.0	24.0/29.0 /34.0
Sound power level	Cooling		dBA	55	60	62	64	60	62	64	
Sound pressure level	Cooling	Low/High	dBA	34/38	34/42	37/44	38/46	34/42	37/44	38/46	
	Heating	Nom./High	dBA	36/38	38/42	41/44	42/46	38/42	41/44	42/46	
Control systems	Infrared remote control		BRC7G53								
	Wired remote control		BRC1H519W/S/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	-		57	
Operation range	Cooling	Ambient	Min.~Max.	-15~46							
	Heating	Ambient	Min.~Max.	-15~-15.5							
Refrigerant	Type/GWP		R-32/675								
Piping connections	Charge		kg/TCO2Eq	2.45/1.65	2.60/1.76		2.90/1.96	2.60/1.76		2.90/1.96	
	Liquid/Gas	OD	mm	9.52/15.9							
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
		Chargeless		m	30						
Additional refrigerant charge		kg/m	See installation manual								
Level difference	IU - OU	Max.	m	30.0							
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32		16				

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Ceiling suspended unit

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- › 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	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	50A9	60A9		
Dimensions	Unit	HeightxWidthxDpeth	235x960x690		235x1,270x690		
Weight	Unit	kg	24	25	31		
Air filter	Type		Resin net				
Decoration panel			- / - / - / -				
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5
		Heating	Low/Medium/High	m³/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 / BRC7GA56				
	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52				
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240			
Outdoor unit		RXM	35N9	50N9	60N9		
Dimensions	Unit	HeightxWidthxDpeth	550x765x285		734x870x373		
Weight	Unit	kg	32	50	63		
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			
	Heating	Ambient	Min.~Max.	°CWB			
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	-			

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





4-way blow ceiling suspended unit

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

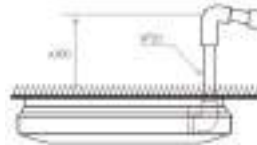
- > Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- > Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- > Can easily be installed in both new and refurbishment projects
- > Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- > 5 different discharge angles between 0 and 60° can be programmed via the remote control
- > Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011) blends easily with any interior
- > Optimum comfort guaranteed with automatic air flow adjustment to the required load



- > **NEW** RZAG-A mini Sky Air Alpha-series includes technical cooling function
- > **NEW** New single fan Sky Air Alpha-series range!



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



Efficiency data		FUA + RZAG	71A + 71NV1	100A + 100NV1	125A + 125NV1	71A + 71NY1	100A + 100NY1	125A + 125NY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	6.80	9.50	12.1		
Heating capacity	Nom.	kW	7.50	10.8	13.5	7.50	10.8	13.5		
Space cooling	Energy efficiency class		A++		-	A++		-		
	Capacity	Pdesign	kW	6.80	9.50	12.1	6.80	9.50	12.1	
	SEER		7.02	6.42	6.39	7.02	6.42	6.39		
	ηs,c		%	-	-	253	-	253		
	Annual energy consumption		kWh/a	339	518	1,136	339	518	1,136	
Space heating (Average climate)	Energy efficiency class		A+		-	A+		-		
	Capacity	Pdesign	kW	4.70	7.80	9.52	4.70	7.80	9.52	
	SCOP/A		4.20	4.50	4.26	4.20	4.50	4.26		
	ηs,h		%	-	-	167	-	167		
	Annual energy consumption		kWh/a	1,567	2,427	3,129	1,567	2,427	3,129	
Indoor unit		FUA	71A	100A	125A	71A	100A	125A		
Dimensions	Unit	HeightxWidthxDepth	198x950x950							
Weight	Unit	kg	25.0	26.0		25.0	26.0			
Air filter	Type	Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5
		Heating	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5
Sound power level	Cooling			dB(A)	59	64	65	59	64	65
	Heating			dB(A)	59	64	-	59	64	-
Sound pressure level	Cooling	Low/High		dB(A)	35/41	39/46	40/47	35/41	39/46	40/47
	Heating	Low/High		dB(A)	35/41	39/46	40/47	35/41	39/46	40/47
Control systems	Wired remote control	BRC1H519W/S/K7/ BRC1E53A/B/C / BRC1D52								
Power supply	Phase/Frequency/Voltage	Hz/V	-/-/-							
Outdoor unit		RZAG/RZAG	71NV1	100NV1	125NV1	71NY1	100NY1	125NY1		
Dimensions	Unit	HeightxWidthxDepth	870x1,100x460							
Weight	Unit	kg	70	92		70	92			
Sound power level	Cooling		dB(A)	64	66	69	65	66	69	
	Heating		dB(A)	-	-	69	-	-	69	
Sound pressure level	Cooling	Nom.	dB(A)	46	47	50	46	47	50	
	Heating	Nom.	dB(A)	49	51	52	49	51	52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB						
	Heating	Ambient	Min.~Max.	°CWB						
Refrigerant	Type/GWP	R-32/675								
	Charge	kg/CO2Eq	2.95/1.99	3.75/2.53		2.95/1.99	3.75/2.53			
Piping connections	Liquid/Gas	OD	mm							
	Piping length	OU - IU	Max.	m		m		m		
		System	Equivalent Chargeless	m		m		m		
	Additional refrigerant charge		kg/m							
	Level difference	IU - OU	Max.	m						
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)	A	20	32		16				

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

*Note: blue cells contain preliminary data



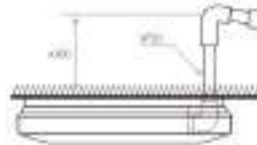
4-way blow ceiling suspended unit

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

- > Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- > 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!
- > 5 different discharge angles between 0 and 60° can be programmed via the remote control
- > Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011) blends easily with any interior
- > Optimum comfort guaranteed with automatic air flow adjustment to the required load



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



Efficiency data		FUA + RZAG	71A + 71MV1	100A + 100MV1	125A + 125MV1	71A + 71MY1	100A + 100MY1	125A + 125MY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	6.80	9.50	12.1		
Heating capacity	Nom.	kW	7.50	10.8	13.5	7.50	10.8	13.5		
Space cooling	Energy efficiency class		A++		-	A++		-		
	Capacity	Pdesign	kW	6.80	9.50	12.1	6.80	9.50		
	SEER			7.02	6.42	6.39	7.02	6.42		
	ηs,c		%	-	-	253	-	253		
	Annual energy consumption		kWh/a	339	518	1,136	339	518		
Space heating (Average climate)	Energy efficiency class		A+		-	A+		-		
	Capacity	Pdesign	kW	4.70	7.80	9.52	4.70	7.80		
	SCOP/A			4.20	4.50	4.26	4.20	4.50		
	ηs,h		%	-	-	167	-	167		
	Annual energy consumption		kWh/a	1,567	2,427	3,129	1,567	2,427		
Indoor unit		FUA	71A	100A	125A	71A	100A	125A		
Dimensions	Unit	HeightxWidthxDepth	mm					198x950x950		
Weight	Unit		kg	25.0	26.0	25.0	26.0			
Air filter	Type		Resin net							
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5
		Heating	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5
Sound power level	Cooling			dBA	59	64	65	59	64	65
	Heating			dBA	59	64	-	59	64	-
Sound pressure level	Cooling	Low/High		dBA	35/41	39/46	40/47	35/41	39/46	40/47
	Heating	Low/High		dBA	35/41	39/46	40/47	35/41	39/46	40/47
Control systems	Wired remote control		BRC1H519W/S/K7/ BRC1E53A/B/C / BRC1D52							
Power supply	Phase/Frequency/Voltage		Hz/V	-/-/-						
Outdoor unit		RZAG/RZAG	71MV1	100MV1	125MV1	71MY1	100MY1	125MY1		
Dimensions	Unit	HeightxWidthxDepth	mm		990x940x320	1,430x940x320		990x940x320	1,430x940x320	
Weight	Unit		kg	70	92	70	92			
Sound power level	Cooling			dBA	64	66	69	65	66	69
	Heating			dBA	-	-	69	-	-	69
Sound pressure level	Cooling	Nom.		dBA	46	47	50	46	47	50
	Heating	Nom.		dBA	49	51	52	49	51	52
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~-52					
	Heating	Ambient	Min.~Max.	°CWB	-20~-18.0					
Refrigerant	Type/GWP			R-32/675						
Piping connections	Charge		kg/TCO2Eq	2.95/1.99	3.75/2.53	2.95/1.99	3.75/2.53			
	Liquid/Gas	OD	mm	9.52/15.9						
	Piping length	OU - IU	Max.	m	55	85	55	85		
		System	Equivalent	m	75	100	75	100		
		Chargeless		m	40					
	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	32		16			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.



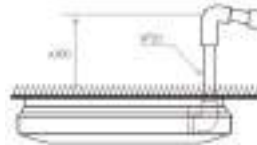
4-way blow ceiling suspended unit

Unique Daikin unit for high 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
- › 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!
- › 5 different discharge angles between 0 and 60° can be programmed via the remote control
- › Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011) blends easily with any interior
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load



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



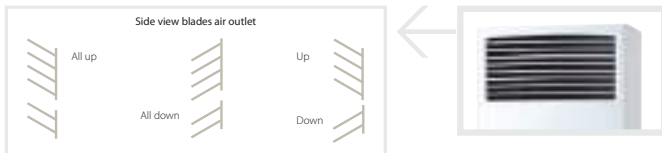
Efficiency data				FUA + RZASG	71A + 71MV1	100A + 100MV1	125A + 125MV1	100A + 100MY1	125A + 125MY1
Cooling capacity	Nom.		kW	6.80	9.50	12.1	9.50	12.1	
Heating capacity	Nom.		kW	7.50	10.8	13.5	10.8	13.5	
Space cooling	Energy efficiency class			A++	A+	-	A+	-	
	Capacity	Pdesign	kW	6.80	9.50	12.1	9.50	12.1	
	SEER			6.16	5.83	5.49	5.83	5.49	
	ηs,c		%	-	-	217	-	217	
	Annual energy consumption		kWh/a	386	570	1,322	570	1,322	
Space heating (Average climate)	Energy efficiency class			A	A+	-	A+	-	
	Capacity	Pdesign	kW	4.50		6.00			
	SCOP/A			3.90	4.01	3.84	4.01	3.84	
	ηs,h		%	-	-	151	-	151	
	Annual energy consumption		kWh/a	1,615	2,095	2,188	2,095	2,188	
Indoor unit				FUA	71A	100A	125A	100A	125A
Dimensions	Unit	HeightxWidthxDepth	mm				198x950x950		
Weight	Unit		kg	25.0			26.0		
Air filter	Type						Resin net		
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	20.0/25.5 /31.0	20.5/26.5 /32.5
		Heating	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	20.0/25.5 /31.0	20.5/26.5 /32.5
Sound power level	Cooling			dBA	59	64	65	64	65
	Heating			dBA	59	64	-	64	-
Sound pressure level	Cooling	Low/High		dBA	35/41	39/46	40/47	39/46	40/47
	Heating	Low/High		dBA	35/41	39/46	40/47	39/46	40/47
Control systems	Wired remote control						BRC1H519W/S/K7/ BRC1E53A/B/C / BRC1D52		
Power supply	Phase/Frequency/Voltage		Hz/V				-/-/-		
Outdoor unit				RZASG/RZASG	71MV1	100MV1	125MV1	100MY1	125MY1
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320			990x940x320		
Weight	Unit		kg	60			70		
Sound power level	Cooling			dBA	65	70	71	70	71
	Heating			dBA	-	-	71	-	71
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/CO2Eq		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	32		16	

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Floor standing unit

For commercial spaces with high ceilings

- › Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- › 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*)
- › **NEW** New single fan Sky Air Alpha-series range!



Efficiency data		FVA + RZAG	71A + 71NV1	100A + 100NV1	125A + 125NV1	140A + 140NV1	71A + 71NY1	100A + 100NY1	125A + 125NY1	140A + 140NY1			
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4			
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5			
Space cooling	Energy efficiency class		A++	A+	-		A++	A+	-				
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
	SEER		6.37	6.00	6.41	6.12	6.37	6.00	6.41	6.12			
	ηs,c		%	-	-	253	242	-	-	253	242		
Space heating (Average climate)	Annual energy consumption	kWh/a	374	554	1,133	1,314	374	554	1,133	1,314			
	Energy efficiency class		A+			-		A+			-		
	Capacity	Pdesign	kW	4.70	7.80	9.52		4.70	7.80	9.52			
	SCOP/A		4.05	4.20	4.15	3.94	4.05	4.20	4.15	3.94			
	ηs,h		%	-	-	163	155	-	-	163	155		
Annual energy consumption	kWh/a	1,625	2,600	3,209	3,383	1,625	2,600	3,209	3,383				
Indoor unit		FVA	71A	100A	125A	140A	71A	100A	125A	140A			
Dimensions	Unit HeightxWidthxDepth	mm	1,850x600x270			1,850x600x350		1,850x600x270			1,850x600x350		
Weight	Unit	kg	42		50		42		50				
Air filter	Type		Resin net										
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	14/16/18	22/25/28	24/26/28	26/28/30	14/16/18	22/25/28	24/26/28	26/28/30	
		Heating	Low/Medium/High	m³/min	14/16/18	22/25/28	24/26/28	26/28/30	14/16/18	22/25/28	24/26/28	26/28/30	
Sound power level	Cooling	dBA	55		62		63		65		55		
Sound pressure level	Cooling	Low/High	dBA	38/43		44/50		46/51		48/53		38/43	
	Heating	Nom./High	dBA	41/43		47/50		48/51		51/53		41/43	
Control systems	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52										
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220										
Outdoor unit		RZAG/RZAG	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1			
Dimensions	Unit HeightxWidthxDepth	mm	870x1,100x460										
Weight	Unit	kg	70		92		70		92				
Sound power level	Cooling	dBA	64		66		69		70		65		
	Heating	dBA	-		69		70		-		69		
Sound pressure level	Cooling	Nom.	dBA	46		47		50		51		46	
	Heating	Nom.	dBA	49		51		52		49		51	
Operation range	Cooling	Ambient	Min.~Max.	°CDB									
	Heating	Ambient	Min.~Max.	°CWB									
Refrigerant	Type/GWP		R-32/675										
	Charge	kg/CO2Eq	2.95/1.99		3.75/2.53		2.95/1.99		3.75/2.53				
Piping connections	Liquid/Gas	OD	mm										
	Piping length	OU - IU	Max.	m				m					
		System	Equivalent	m				m					
		Chargeless	m										
	Additional refrigerant charge	kg/m	See installation manual										
Level difference	IU - OU	Max.	m										
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)	A	20		32		16						

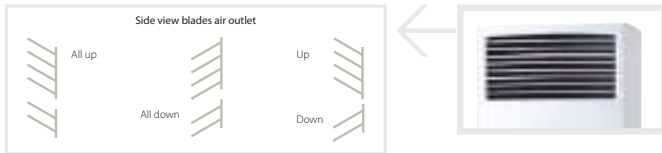
(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing

*Note: blue cells contain preliminary data

Floor standing unit

For commercial spaces with high ceilings

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- › 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*)



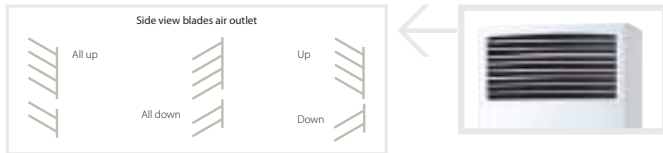
Efficiency data		FVA + RZAG	71A + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	71A + 71MY1	100A + 100MY1	125A + 125MY1	140A + 140MY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5		
Space cooling	Energy efficiency class		A++	A+	-	-	A++	A+	-	-		
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER		6.37	6.00	6.41	6.12	6.37	6.00	6.41	6.12		
	ηs,c		%	-	-	253	242	-	-	253	242	
	Annual energy consumption	kWh/a	374	554	1,133	1,314	374	554	1,133	1,314		
Space heating (Average climate)	Energy efficiency class		A+	-	-	-	A+	-	-	-		
	Capacity	Pdesign	kW	4.70	7.80	9.52	4.70	7.80	9.52			
	SCOP/A		4.05	4.20	4.15	3.94	4.05	4.20	4.15	3.94		
	ηs,h		%	-	-	163	155	-	-	163	155	
	Annual energy consumption	kWh/a	1,625	2,600	3,209	3,383	1,625	2,600	3,209	3,383		
Indoor unit		FVA	71A	100A	125A	140A	71A	100A	125A	140A		
Dimensions	Unit	HeightxWidthxDepth	mm	1,850x600x270			1,850x600x350			1,850x600x270		
Weight	Unit		kg	42	50			42	50			
Air filter	Type			Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	14/16 /18	22/25 /28	24/26 /28	26/28 /30	14/16 /18	22/25 /28	24/26 /28	26/28 /30
		Heating	Low/Medium/High	m³/min	14/16 /18	22/25 /28	24/26 /28	26/28 /30	14/16 /18	22/25 /28	24/26 /28	26/28 /30
Sound power level	Cooling			dB(A)	55	62	63	65	55	62	63	65
Sound pressure level	Cooling	Low/High		dB(A)	38/43	44/50	46/51	48/53	38/43	44/50	46/51	48/53
	Heating	Nom./High		dB(A)	41/43	47/50	48/51	51/53	41/43	47/50	48/51	51/53
Control systems	Wired remote control			BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52								
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220								
Outdoor unit		RZAG/RZAG	71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1		
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320			1,430x940x320			990x940x320		
Weight	Unit		kg	70	92			70	92			
Sound power level	Cooling			dB(A)	64	66	69	70	65	66	69	70
	Heating			dB(A)	-	-	69	70	-	-	69	70
Sound pressure level	Cooling	Nom.		dB(A)	46	47	50	51	46	47	50	51
	Heating	Nom.		dB(A)	49	51	52		49	51	52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~-52							
	Heating	Ambient	Min.~Max.	°CWB	-20~-18.0							
Refrigerant	Type/GWP			R-32/675								
	Charge		kg/CO2Eq	2.95/1.99			3.75/2.53		2.95/1.99		3.75/2.53	
Piping connections	Liquid/Gas	OD		mm								
	Piping length	OU - IU	Max.	m	55	85			55	85		
		System	Equivalent	m	75	100			75	100		
			Chargeless	m	40							
		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								
Current - 50Hz	Maximum fuse amps (MFA)		A	20	32			16				

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

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		-		
	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			1,850x600x350					
Weight	Unit		kg	42	50						
Air filter	Type		Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m³/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	m³/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			dB(A)	55	62	63	65	62	63	65
Sound pressure level	Cooling	Low/High		dB(A)	38/43	44/50	46/51	48/53	44/50	46/51	48/53
	Heating	Nom./High		dB(A)	41/43	47/50	48/51	51/53	47/50	48/51	51/53
Control systems	Wired remote control		BRC1H519W/S/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					
Weight	Unit		kg	60	70	78	70	77			
Sound power level	Cooling		dB(A)	65	70	71	73	70	71	73	
	Heating		dB(A)	-	-	71	73	-	71	73	
Sound pressure level	Cooling	Nom.	dB(A)	46	53	54	53	54			
	Heating	Nom.	dB(A)	47	-	-	57	-			
Operation range	Cooling	Ambient	Min.~Max.	°CDB							
	Heating	Ambient	Min.~Max.	°CWB							
Refrigerant	Type/GWP		R-32/675								
	Charge	kg/CO2Eq	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								
	Piping length	OU - IU	Max.	m							
		System	Equivalent	m							
		Chargeless		m							
	Additional refrigerant charge	kg/m	See installation manual								
	Level difference	IU - OU	Max.	m							
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32	16					

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

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

- › Ideal for installation in offices, hotels and residential applications
- › Blends unobtrusively with any interior design: only the suction and discharge grills are visible
- › Its low height (620 mm) enables the unit to fit perfectly beneath a window
- › Requires very little installation space as the depth is only 200mm
- › High ESP allows flexible installation



NEW
RZAG-A mini Sky Air Alpha-series includes technical cooling function!

Efficiency data				FNA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A	
Cooling capacity	Nom.			kW	3.5	5.0	6.0	
Heating capacity	Nom.			kW	4.0	5.0	7.0	
Space cooling	Energy efficiency class					A+		
	Capacity	Pdesign		kW	3.5	5	6	
	SEER				5.90	5.90	5.70	
	Annual energy consumption			kWh/a	208	297	368	
Space heating (Average climate)	Energy efficiency class					A		
	Capacity	Pdesign		kW	3.5	4.3	4.5	
	SCOP/A				3.90	3.90	3.90	
	Annual energy consumption			kWh/a	1,255	1,542	1,616	
Indoor unit				FNA	35A9	50A9	60A9	
Dimensions	Unit	HeightxWidthxDepth		mm	620 / 720(2)x750x200	620 / 720(2)x1,150x200		
Weight	Unit			kg	23	30		
Air filter	Type				Resin net			
Fan - Air flow rate	Cooling	High/Low		m ³ /min	8.7/7.3	16.0/13.5		
	Heating	High/Low		m ³ /min	8.7/7.3	16.0/13.5		
Fan - External static pressure	High/Nom./Maximum available/High			Pa	48/30/-	49/40/-		
Sound power level	Cooling			dB(A)	53	56		
Sound pressure level	Cooling	High/Low		dB(A)	33/28	36/30		
	Heating	High/Low		dB(A)	33/28	36/30		
Refrigerant	Type				R-32 / R-410A			
Control systems	Infrared remote control				BRC4C65			
	Wired remote control				BRC1H519W/S/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			dB(A)	62	63	64	
	Heating			dB(A)	62	63	64	
Sound power level	Cooling			dB(A)	48	49	50	
	Heating			dB(A)	48	49	50	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20 / +52			
	Heating	Ambient	Min.~Max.	°CWB	-20 / +24			
Refrigerant	Type				R32			
	GWP				675			
	Charge			kg/TCO2Eq	1.55/1.05			
Piping connections	Liquid	OD		mm	6.4 / 9.52	6.4/12.7		
	Gas	OD		mm	50			
	Piping length	OU - IU	Max.	m	50			
		System	Chargeless		m	30		
		Additional refrigerant charge			kg/m	See installation manual		
	Level difference	IU - OU	Max.	m	30			
Power supply	Phase/Frequency/Voltage			Hz/V	Single / 50 / 230			
Current - 50Hz	Maximum fuse amps (MFA)			A	16	16	20	

(1) Including installation legs (3) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Concealed floor standing unit

Designed to be concealed in walls

- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › Combining with R-32 Bluevolution technology, reduces environmental impact with 68% compared to R-410A, leads directly to lower energy consumption thanks to its high energy efficiency and has up to lower 16% refrigerant charge
- › 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



Efficiency data		FNA + RXM		25A9 + 25N9	35A9 + 35N9	50A9 + 50N9	60A9 + 60N9	
Cooling capacity	Nom.	kW		2.60	3.40	5.00	6.00	
Heating capacity	Nom.	kW		3.20	4.00	5.80	7.00	
Space cooling	Energy efficiency class			A+				
	Capacity	Pdesign	kW	2.60	3.40	5.00	6.00	
	SEER			5.68	5.70	5.77	5.56	
	ηs,c		%			-		
Annual energy consumption			kWh/a	160	209	303	378	
Space heating (Average climate)	Energy efficiency class			A+				
	Capacity	Pdesign	kW	2.80	2.90	4.00	4.60	
	SCOP/A			4.24	4.05	4.09	4.16	
	ηs,h		%			-		
	Annual energy consumption			kWh/a	924	1,002	1,369	1,547
Indoor unit		FNA		25A9	35A9	50A9	60A9	
Dimensions	Unit	HeightxWidthxDepth		620 / 720x790x200		620 / 720x1,190x200		
Weight	Unit	kg		23.0		30.0		
Air filter	Type	Resin net						
Fan	Air flow rate	Cooling	Low/High	m³/min		13.5/16.0		
		Heating	Low/High	m³/min		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		RXM		25N9	35N9	50N9	60N9	
Dimensions	Unit	HeightxWidthxDepth		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				
	Heating	Ambient	Min.~Max.	°CWB				
Refrigerant	Type	R-32						
	GWP	675						
Charge			kg/TCO2Eq	0.76/0.52		1.15/0.78		
	Liquid	OD	mm	635		64		
Piping connections	Gas	OD	mm	9.50		12.7		
	Piping length	OU - IU	Max.	m		30		
Additional refrigerant charge	System	Chargeless	m	10		-		
	Level difference	IU - OU	Max.	m		15		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240				
Current - 50Hz	Maximum fuse amps (MFA)		A	-				

High COP, round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance
- › High COP cassette ensures top performance, great savings in energy consumption and a comfortable environment for commercial applications
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- › **NEW** Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › **NEW** Bigger flaps 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



Efficiency data				FCAHG + RZQG	71H + 71L9V1	100H + 100L9V1	125H + 125L9V1	140H + 140L9V1	71H + 71L8Y1	100H + 100L8Y1	125H + 125L8Y1	140H + 140LY1	
Cooling capacity	Nom.		kW	6.80	9.50	12.0	13.4	6.80	9.50	12.0	13.4	13.4	
Heating capacity	Nom.		kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5	15.5	
Space cooling	Energy efficiency class				A++		-		A++			-	
	Capacity	Pdesign	kW	6.80	9.50	12.0	13.4	6.80	9.50	12.0	13.4	13.4	
	SEER			6.91	7.00	6.61	6.75	6.91	7.00	6.61	6.75	6.75	
	ηs,c		%		-		266.9		-			266.9	
	Annual energy consumption		kWh/a	345	475	636	1,191	345	475	636	1,191	1,191	
Space heating (Average climate)	Energy efficiency class			A+	A++		-	A+	A++			-	
	Capacity	Pdesign	kW	7.60	11.3	12.7	11.8	7.60	11.3	12.7	11.8	11.8	
	SCOP/A			4.54	4.80	4.63	4.38	4.54	4.80	4.63	4.38	4.38	
	ηs,h		%		-		172.1		-			172.1	
	Annual energy consumption		kWh/a	2,344	3,296	3,829	3,766	2,344	3,296	3,829	3,766	3,766	
Indoor unit				FCAHG	71H	100H	125H	140H	71H	100H	125H	140H	
Dimensions	Unit	HeightxWidthxDepth	mm	288x840x840									
Weight	Unit		kg	25									
Air filter	Type			Resin net									
Decoration panel	Model			Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black									
	Dimensions	HeightxWidthxDepth	mm	Standard panels: 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	Cooling	Low/Medium/High	m³/min	122/167/212	190/257/323	199/267/335	211/273/335	122/167/212	190/257/323	199/267/335	211/273/335	
		Heating	Low/Medium/High	m³/min	122/167/212	190/257/323	199/267/335	211/273/335	122/167/212	190/257/323	199/267/335	211/273/335	
Sound power level	Cooling			dB(A)	53		61		53		61		
	Heating			dB(A)	53		61		53		61		
Sound pressure level	Cooling	Low/High		dB(A)	29/36	33/44	35/45	37/45	29/36	33/44	35/45	37/45	
	Heating	Low/High		dB(A)	29/36	33/44	35/45	37/45	29/36	33/44	35/45	37/45	
Control systems	Infrared remote control			BRC7FA532F / BRC7FA532FB									
	Wired remote control			BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52									
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220									
Outdoor unit				RZQG/RZQG	71L9V1	100L9V1	125L9V1	140L9V1	71L8Y1	100L8Y1	125L8Y1	140LY1	
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320				
Weight	Unit		kg	69.0	95.0			80.0	101.0				
Sound power level	Cooling			dB(A)	64.0	66.0	67.0	69.0	64.0	66.0	67.0	69.0	
	Heating			dB(A)	64.0	66.0	67.0	69.0	64.0	66.0	67.0	69.0	
Sound pressure level	Cooling	Nom.		dB(A)	48	50	51	52	48	50	51	52	
	Heating	Nom.		dB(A)	50	52	53		50	52	53		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~-50.0								
	Heating	Ambient	Min.~Max.	°CWB	-20.0~-15.5								
Refrigerant	Type/GWP			R-410A/2,087.5									
Piping connections	Charge		kg/TCO2Eq	2.9/6.05	4.0/8.35			2.9/6.05	4.0/8.35				
	Liquid/Gas	OD	mm	9.52/15.9									
	Piping length	OU - IU	Max.	m	50	75			50	75			
		System	Equivalent Chargeless	m	70	90			70	90			
	Additional refrigerant charge		kg/m	30									
Level difference	IU - OU	Max.	m	See installation manual									
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240				3N~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)		A	25	40			16	25				

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

High COP, round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with Seasonal Classic ensures good value for money for all types of commercial applications
- › High COP cassette ensures top performance, great savings in energy consumption and a comfortable environment for commercial applications
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- › **NEW** Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › **NEW** Bigger flaps 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



Efficiency data			FCAHG + RZQSG	71H + 71L3V1	100H + 100L9V1	125H + 125L9V1	140H + 140L9V1	100H + 100L8Y1	125H + 125L8Y1	140H + 140LY1	
Cooling capacity	Nom.	kW	6.80	9.50	12.0	13.4	13.4	9.50	12.0	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++		A		
	Capacity	Pdesign	kW	6.80	9.50	12.0	13.4	9.50	12.0	13.4	
	SEER		6.50	6.70	5.40	6.61	6.70	5.40	6.61		
	ηs,c		%	-	-	261.6	-	-	261.6		
	Annual energy consumption	kWh/a	367	497	778	1,215	497	778	1,215		
Space heating (Average climate)	Energy efficiency class		A+		-		A+		-		
	Capacity	Pdesign	kW	7.60	8.03	11.8	8.03	11.8	8.03		
	SCOP/A		4.15	4.30	4.10	4.29	4.30	4.10	4.29		
	ηs,h		%	-	-	168.6	-	-	168.6		
	Annual energy consumption	kWh/a	2,563	2,615	2,742	3,843	2,615	2,742	3,843		
Indoor unit			FCAHG	71H	100H	125H	140H	100H	125H	140H	
Dimensions	Unit	HeightxWidthxDepth	mm	288x840x840							
Weight	Unit		kg	25							
Air filter	Type			Resin net							
Decoration panel	Model			Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black							
	Dimensions	HeightxWidthxDepth	mm	Standard panels: 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	Cooling	Low/Medium/High	m³/min	12.2/16.7 / 21.2	19.0/25.7 / 32.3	19.9/26.7 / 33.5	21.1/27.3 / 33.5	19.0/25.7 / 32.3	19.9/26.7 / 33.5	21.1/27.3 / 33.5
		Heating	Low/Medium/High	m³/min	12.2/16.7 / 21.2	19.0/25.7 / 32.3	19.9/26.7 / 33.5	21.1/27.3 / 33.5	19.0/25.7 / 32.3	19.9/26.7 / 33.5	21.1/27.3 / 33.5
Sound power level	Cooling		dBA	53				61			
	Heating		dBA	53				61			
Sound pressure level	Cooling	Low/High	dBA	29/36	33/44	35/45	37/45	33/44	35/45	37/45	
	Heating	Low/High	dBA	29/36	33/44	35/45	37/45	33/44	35/45	37/45	
Control systems	Infrared remote control			BRC7FA532F / BRC7FA532FB							
	Wired remote control			BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220							
Outdoor unit			RZQSG/RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1	
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320	
Weight	Unit		kg	67	72.0	74.0	95.0	82.0	101.0	101.0	
Sound power level	Cooling		dBA	65		70.0		69.0	70.0	69.0	
	Heating		dBA	-		70.0		69.0	70.0	69.0	
Sound pressure level	Cooling	Nom./Silent operation	dBA	49/47	53/-	54/-		53/-	54/-	53/-	
	Heating	Nom.	dBA	51	57	58	54	57	58	54	
Operation range	Cooling	Ambient	Min.~Max.	°CDB -15.0~-46							
	Heating	Ambient	Min.~Max.	°CWB -15~-15.5							
Refrigerant	Type/GWP			R-410A/2,087.5							
Piping connections	Charge		kg/CO2Eq	2.75/5.7	2.9/6.05		4.0/8.35	2.9/6.05		4.0/8.35	
	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	15						30.0	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240				3N~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)		A	20	40			20	25		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.



Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- › **NEW** Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › **NEW** Bigger flaps 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



Efficiency data		FCAG + RZQG	71B + 71L9V1	100B + 100L9V1	125B + 125L9V1	140B + 140L9V1	71B + 71L8Y1	100B + 100L8Y1	125B + 125L8Y1	140B + 140L8Y1						
Cooling capacity	Nom.	kW	6.80	9.50	12.0	13.4	6.80	9.50	12.0	13.4						
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5						
Space cooling	Energy efficiency class		A++		A+		A++		A+							
	Capacity	Pdesign	kW	6.80	9.50	12.0	13.4	6.80	9.50	12.0	13.4					
	SEER		6.72	6.80	6.00	6.44	6.72	6.80	6.00	6.44						
	ηs,c		%	-	-	254.6	-	-	254.6	-						
	Annual energy consumption	kWh/a	355	489	700	1,249	355	489	700	1,249						
Space heating (Average climate)	Energy efficiency class		A+		A+		A+		A+							
	Capacity	Pdesign	kW	6.33	11.3	12.7	11.6	6.33	11.3	12.7	11.6					
	SCOP/A		4.20	4.61	4.10	4.27	4.20	4.61	4.10	4.27						
	ηs,h		%	-	-	167.6	-	-	167.6	-						
	Annual energy consumption	kWh/a	2,110	3,432	4,323	3,795	2,110	3,432	4,323	3,795						
Indoor unit		FCAG	71B	100B	125B	140B	71B	100B	125B	140B						
Dimensions	Unit	HeightxWidthxDepth	mm		204x840x840		204x840x840		246x840x840							
Weight	Unit		kg		21		24		21							
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													
	Weight		kg													
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	9.3/12.5 /15.3		12.4/17.6 /22.8		12.4/19.2 /26.0		9.3/12.5 /15.3		12.4/17.6 /22.8		12.4/19.2 /26.0	
		Heating	Low/Medium/High	m³/min	9.1/12.1 /15.0		12.4/17.6 /22.8		12.4/19.2 /26.0		9.1/12.1 /15.0		12.4/17.6 /22.8		12.4/19.2 /26.0	
Sound power level	Cooling			dBA	51		54		58		51		54		58	
	Heating			dBA	51		54		58		51		54		58	
Sound pressure level	Cooling	Low/High		dBA	28/35		29/37		29/41		28/35		29/37		29/41	
	Heating	Low/High		dBA	28/33		29/37		29/41		28/33		29/37		29/41	
Control systems	Infrared remote control		BRC7FA532F / BRC7FA532FB													
	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52													
Power supply	Phase/Frequency/Voltage		Hz/V													
			1~/50/60/220-240/220													
Outdoor unit		RZQG/RZQG	71L9V1	100L9V1	125L9V1	140L9V1	71L8Y1	100L8Y1	125L8Y1	140L8Y1						
Dimensions	Unit	HeightxWidthxDepth	mm		990x940x320		1,430x940x320		990x940x320		1,430x940x320					
Weight	Unit		kg		69.0		95.0		80.0		101.0					
Sound power level	Cooling		dBA		64.0		66.0		67.0		69.0					
	Heating		dBA		64.0		66.0		67.0		69.0					
Sound pressure level	Cooling	Nom.	dBA		48		50		51		52					
	Heating	Nom.	dBA		50		52		53		50					
Operation range	Cooling	Ambient	Min.~Max.	°CDB												
	Heating	Ambient	Min.~Max.	°CWB												
				-15.0~-50.0												
				-20.0~-15.5												
Refrigerant	Type/GWP		R-410A/2,087.5													
Piping connections	Charge		kg/CO2Eq		2.9/6.05		4.0/8.35		2.9/6.05		4.0/8.35					
	Liquid/Gas	OD	mm		9.52/15.9		9.52/15.9		9.52/15.9		9.52/15.9					
Piping length	OU - IU	Max.	m		50		75		50		75					
	System	Equivalent	m		70		90		70		90					
	Chargeless		m		30		30		30		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													
Current - 50Hz	Maximum fuse amps (MFA)		A		25		40		16		25					

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with Seasonal Classic ensures good value for money for all types of commercial applications
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- › **NEW** Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › **NEW** Bigger flaps 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



Efficiency data			FCAG + RZQSG	71B + 71L3V1	100B + 100L9V1	125B + 125L9V1	140B + 140L9V1	100B + 100L8Y1	125B + 125L8Y1	140B + 140LY1
Cooling capacity	Nom.		kW	6.80	9.50	12.0	13.4	9.50	12.0	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++	A	-
	Capacity	Pdesign	kW	6.80	9.50	12.0	13.4	9.50	12.0	13.4
	SEER			6.10	6.50	5.30	6.18	6.50	5.30	6.18
	ηs,c		%		-		244.4	-		244.4
	Annual energy consumption		kWh/a	391	512	793	1,300	512	793	1,300
Space heating (Average climate)	Energy efficiency class			A+		-	-	A+		-
	Capacity	Pdesign	kW	6.33	7.60	8.03	11.6	7.60	8.03	11.6
	SCOP/A			4.10		4.01	4.18	4.10	4.01	4.18
	ηs,h		%		-		164.2	-		164.2
	Annual energy consumption		kWh/a	2,162	2,596	2,804	3,872	2,596	2,804	3,872
Indoor unit			FCAG	71B	100B	125B	140B	100B	125B	140B
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		246x840x840				
Weight	Unit		kg	21		24				
Air filter	Type			Resin net						
Decoration panel	Model			Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black						
	Dimensions	HeightxWidthxDepth	mm	Standard panels: 50x950x950 / Auto cleaning panels: 130x950x950 / Designer panels: 50x950x950						
Fan	Weight		kg	Standard panels: 5.4 / Auto cleaning panels: 10.3 / Designer panels: 5.4						
	Air flow rate	Cooling	Low/Medium/High	m³/min	9.3/12.5 /15.3	12.4/17.6 /22.8	12.4/19.2 /26.0	12.4/17.6 /22.8	12.4/19.2 /26.0	12.4/19.2 /26.0
Sound power level	Heating	Low/Medium/High	m³/min	9.1/12.1 /15.0	12.4/17.6 /22.8	12.4/19.2 /26.0	12.4/17.6 /22.8	12.4/19.2 /26.0	12.4/19.2 /26.0	
	Cooling		dBA	51	54	58	54	58		
Sound pressure level	Heating		dBA	51	54	58	54	58		
	Cooling	Low/High	dBA	28/35	29/37	29/41	29/37	29/41		
Control systems	Heating	Low/High	dBA	28/33	29/37	29/41	29/37	29/41		
	Infrared remote control			BRC7FA532F / BRC7FA532FB						
Power supply	Wired remote control			BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52						
	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220						
Outdoor unit			RZQSG/RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320		990x940x320		990x940x320		1,430x940x320
Weight	Unit		kg	67		72.0	74.0	95.0		101.0
Sound power level	Cooling		dBA	65		70.0		70.0		69.0
	Heating		dBA	-		70.0		70.0		69.0
Sound pressure level	Cooling	Nom./Silent operation	dBA	49/47	53/-	54/-	53/-		54/-	53/-
	Heating	Nom.	dBA	51	57	58	54	57	58	54
Operation range	Cooling	Ambient	Min.~Max.	°CDB -15.0~-46						
	Heating	Ambient	Min.~Max.	°CWB -15~-15.5						
Refrigerant	Type/GWP			R-410A/2,087.5						
	Charge		kg/CO2Eq	2.75/5.7		2.9/6.05		4.0/8.35		2.9/6.05
Piping connections	Liquid/Gas	OD	mm	9.52/15.9						
	Piping length	OU - IU	Max.	m						
		System	Equivalent	m						
		Chargeless	m							
	Additional refrigerant charge		kg/m	See installation manual						
Power supply	Level difference	IU - OU	Max.	m						
	Phase/Frequency/Voltage		Hz/V	15		1~/50/220-240		30.0		3N~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)		A	20		40		20		25

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.



Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Ideal solution for small businesses and shops
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- › **NEW** Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › **NEW** Bigger flaps 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



Efficiency data		FCAG + AZQS		71B + 71BV1	100B + 100B8V1	125B + 125B8V1	140B + 140B8V1	100B + 100BY1	125B + 125BY1	140B + 140BY1	
Cooling capacity	Nom.	kW		6.80	9.50	12.1	13.0	9.50	12.1	13.0	
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	13.0	9.50	12.1	13.0	
	SEER			5.70	5.50	5.16	5.94	5.50	5.16	5.94	
	ηs,c			-	-	203.5	234.5	-	203.5	234.5	
	Annual energy consumption	kWh/a		418	605	1,406	1,314	605	1,406	1,314	
Space heating (Average climate)	Energy efficiency class			A+	A	-	-	A	-	-	
	Capacity	Pdesign	kW	6.33	7.60	7.78	11.6	7.60	7.78	11.6	
	SCOP/A			4.00	3.85	3.67	3.96	3.85	3.67	3.96	
	ηs,h			-	-	143.8	155.3	-	143.8	155.3	
	Annual energy consumption	kWh/a		2,216	2,762	2,969	4,089	2,764	2,969	4,089	
Indoor unit		FCAG		71B	100B	125B	140B	100B	125B	140B	
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		246x840x840					
Weight	Unit	kg		21		24					
Air filter	Type	Resin net									
Decoration panel	Model	Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black									
	Dimensions	HeightxWidthxDepth	mm	Standard panels: 50x950x950 / Auto cleaning panels: 130x950x950 / Designer panels: 50x950x950							
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	9.3/12.5 /15.3	12.4/17.6 /22.8	12.4/19.2 /26.0		12.4/17.6 /22.8	12.4/19.2 /26.0	
					Heating	9.1/12.1 /15.0	12.4/17.6 /22.8	12.4/19.2 /26.0		12.4/17.6 /22.8	12.4/19.2 /26.0
Sound power level	Cooling	Low/Medium/High		dBA	51	54	58		54	58	
		Heating	Low/Medium/High		dBA	51	54	58		54	58
Sound pressure level	Cooling	Low/High		dBA	28/35	29/37	29/41		29/37	29/41	
		Heating	Low/High		dBA	28/33	29/37	29/41		29/37	29/41
Control systems	Infrared remote control		BRC7FA532F / BRC7FA532FB								
	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C, BRC1D52								
Power supply	Phase/Frequency/Voltage		Hz/V 1~/50/60/220-240/220								
Outdoor unit		AZQS		71BV1	100B8V1	125B8V1	140B8V1	100BY1	125BY1	140BY1	
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320		990x940x320		1,430x940x320		990x940x320	
Weight	Unit	kg		67		72.8		74.3		94.9	
Sound power level	Cooling	Low/Medium/High		dBA	64	70.0	71.0		70.0	71.0	
		Heating	Low/Medium/High		dBA	-	70.0	71.0		70.0	71.0
Sound pressure level	Cooling	Nom.		dBA	48	53	54		53	54	
		Heating	Nom.		dBA	50	57	58		54	58
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5~-46		-5.0~-46.0		-5~-46		
		Heating	Ambient	Min.~Max.	°CWB	-15~-15.5		-15.0~-15.5		-15~-15.5	
Refrigerant	Type/GWP	R-410A/2,087.5									
Piping connections	Charge	kg/TCO2Eq		2.75/5.7		2.9/6.05		4.0/8.35		2.9/6.1	
	Liquid/Gas	OD	mm	9.52/15.9							
	Piping length	OU - IU	Max.	m	50		50 / 30		50		50 / 30
		System	Equivalent	m	70		70 / 40 (1.000)		70		70 (1.000) / 40 (2.000)
		Chargeless	m		30						
	Additional refrigerant charge	kg/m		See installation manual							
Power supply	Level difference	IU - OU	Max.	m							
	Phase/Frequency/Voltage	Hz/V		1~/50/220-240		30.0		3N~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)		A		-	32		40		-	
										20	
										25	

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with split outdoor units is ideal for small retail, offices or residential applications
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- › **NEW** Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › **NEW** Bigger flaps 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



Efficiency data		FCAG + RXS		35B + 35L3		50B + 50L		60B + 60L		
Cooling capacity	Nom.	kW		3.40		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		6.48		6.22	
	ηs,c				%		-			
	Annual energy consumption				kWh/a		193		270	
Space heating (Average climate)	Energy efficiency class					A++				
	Capacity	Pdesign	kW		3.32		4.36		4.71	
	SCOP/A				4.90		4.29		4.00	
	ηs,h				%		-			
	Annual energy consumption				kWh/a		949		1,426	
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		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	Cooling	Low/Medium/High	m³/min	8.7/10.6 /12.5		8.7/10.7 /12.6		8.7/11.2 /13.6	
		Heating	Low/Medium/High	m³/min	9.3/11.6 /13.9		8.7/10.7 /12.6		8.7/11.2 /13.6	
Sound power level	Cooling				dBA		49		51	
	Heating				dBA		49		51	
Sound pressure level	Cooling	Low/High			dBA		27/31		28/33	
	Heating	Low/High			dBA		27/31		28/33	
Control systems	Infrared remote control		BRC7FA532F / BRC7FA532FB							
	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52							
Power supply	Phase/Frequency/Voltage				Hz/V		1~/50/60/220-240/220			
Outdoor unit		RXS		35L3		50L		60L		
Dimensions	Unit	HeightxWidthxDepth		mm		550x765x285		735x825x300		
Weight	Unit			kg		34		47		
Sound power level	Cooling				dBA		61		62	
	Heating				dBA		61		62	
Sound pressure level	Cooling	Low/High			dBA		-/48		44/48	
	Heating	Low/High			dBA		-/48		45/48	
Operation range	Cooling	Ambient	Min.~Max.	°CDB			-10~46			
	Heating	Ambient	Min.~Max.	°CWB			-15~18			
Refrigerant	Type		R-410A							
	GWP						2,087.5			
Piping connections	Charge				kg/CO2Eq		1.2/2.5		1.7/3.5	
	Liquid	OD			mm		6.35		1.5/3.1	
Piping length	Gas	OD			mm		9.5		12.7	
	OU - IU	Max.			m		20		30	
Additional refrigerant charge	System	Chargeless			m		10		-	
	Level difference	IU - OU	Max.			m		15		20.0
Power supply	Phase/Frequency/Voltage				Hz/V		1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)				A		-			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

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 or 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 + RXS	25A + 25L3	35A + 35L3	50A + 50L	60A + 60L		
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		
	SEER		6.11	6.32	5.93	5.71		
	ηs,c		-					
Space heating (Average climate)	Annual energy consumption		kWh/a	143	188	295		
	Energy efficiency class		A+		A			
	Capacity	Pdesign	kW	2.31	3.10	3.84		
	SCOP/A		4.24	4.10	3.90	4.04		
	ηs,h		-					
Annual energy consumption		kWh/a	763	1,059	1,378	1,373		
Indoor unit		FFA	25A	35A	50A	60A		
Dimensions	Unit	HeightxWidthxDepth	mm					
			260x575x575					
Weight	Unit		kg		17.5			
			16.0					
Air filter	Type		Resin net					
Decoration panel	Model		BYFQ60C2W1W/BYFQ60C2W1S/BYFQ60B2W1/BYFQ60B3W1					
	Colour		White (N9.5)/SILVER/White (RAL9010)/WHITE (RAL9010)					
	Dimensions	HeightxWidthxDepth	mm					
			46x620x620x46x620x55x700x55x700x700					
	Weight		kg					
			2.8/2.8/2.7/2.7					
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	6.5/8.0 /9.0	6.5/8.5 /10.0	7.5/10.0 /12.0	9.5/12.5 /14.5
		Heating	Low/Medium/High	m³/min	6.5/8.0 /9.0	6.5/8.5 /10.0	7.5/10.0 /12.0	9.5/12.5 /14.5
Sound power level	Cooling			dBA	48	51	56	60
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		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52					
Power supply	Phase/Frequency/Voltage		Hz/V					
			1~/50/220-240					
Outdoor unit		RXS/RXS	25L3	35L3	50L	60L		
Dimensions	Unit	HeightxWidthxDepth	mm		735x825x300			
			550x765x285					
Weight	Unit		kg		48			
			34					
Sound power level	Cooling			dBA	59	61	62	
	Heating			dBA	59	61	62	
Sound pressure level	Cooling	Low/High		dBA	-/46	-/48	44/48	46/49
	Heating	Low/High		dBA	-/47	-/48	45/48	46/49
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18			
Refrigerant	Type		R-410A					
	GWP		2,087.5					
	Charge		kg/TCO2Eq	1.0/2.1	1.2/2.5	1.7/3.5	1.5/3.1	
Piping connections	Liquid	OD	mm					
			6.35					
	Gas	OD	mm		12.7			
			9.5					
	Piping length	OU - IU	Max.	m	20			
	System	Chargeless	m	10				
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)				
	Level difference	IU - OU	Max.	m	15			
Power supply	Phase/Frequency/Voltage		Hz/V					
			1~/50/220-240					
Current - 50Hz	Maximum fuse amps (MFA)		A					
			-					

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Concealed ceiling unit

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

- > Combination with split outdoor units is ideal for small retail, offices or 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



Efficiency data		FDXM + RXS		25F9 + 25L3	35F9 + 35L3	50F9 + 50L	60F9 + 60L	
Cooling capacity	Nom.	kW		2.40	3.40	5.00	6.00	
Heating capacity	Nom.	kW		3.20	4.00	5.80	7.00	
Space cooling	Energy efficiency class			A+	A	A+	A	
	Capacity	Pdesign	kW	2.40	3.40	5.00	6.00	
	SEER			5.63	5.21	5.72	5.51	
	η _{s,c}			-				
Space heating (Average climate)	Annual energy consumption	kWh/a		149	228	306	381	
	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	
	η _{s,h}			-				
Annual energy consumption	kWh/a		858	1,047	1,425	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		55	56	
	Heating	dBA		53		55	56	
Sound pressure level	Cooling	Low/High	dBA		27/35		30/38	
	Heating	Low/High	dBA		27/35		30/38	
Control systems	Infrared remote control	BRC4C65						
	Wired remote control	BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240				
Outdoor unit		RXS		25L3	35L3	50L	60L	
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285		735x825x300		
Weight	Unit	kg		34		47	48	
Sound power level	Cooling	dBA		59	61	62		
	Heating	dBA		59	61	62		
Sound pressure level	Cooling	Low/High	dBA		-/46	-/48	44/48	46/49
	Heating	Low/High	dBA		-/47	-/48	45/48	46/49
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46		
	Heating	Ambient	Min.~Max.	°CWB		-15~18		
Refrigerant	Type	R-410A						
	Charge	kg/TCO ₂ Eq		2,087.5				
Piping connections	Liquid	OD	mm		6.35			
	Gas	OD	mm		9.5	12.7		
	Piping length	OU - IU	Max.	m		20		30
		System	Chargeless	m		10		-
	Additional refrigerant charge	kg/m		0.02 (for piping length exceeding 10m)				
Level difference	IU - OU	Max.	m		15		20.0	
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240				
Current - 50Hz	Maximum fuse amps (MFA)	A		-				

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- > Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance
- > 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



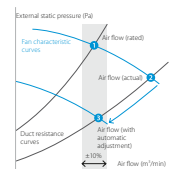
- > Standard built-in drain pump with 625mm lift increases flexibility and installation speed

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 + RZQG	71A9 + 71L9V1	100A + 100L9V1	125A + 125L9V1	140A + 140L9V1	71A9 + 71L8Y1	100A + 100L8Y1	125A + 125L8Y1	140A + 140LY1	
Cooling capacity	Nom.		kW	6.80	9.50	12.0	13.4	6.80	9.50	12.0	13.4	13.4	
Heating capacity	Nom.		kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5	15.5	
Space cooling	Energy efficiency class			A++	A+	A++	-	A++	A+	A++	-	-	
	Capacity	Pdesign	kW	6.80	9.50	12.0	13.4	6.80	9.50	12.0	13.4	13.4	
	SEER			6.16	5.87	6.11	6.14	6.16	5.87	6.11	6.14	6.14	
	ηs,c		%	-	-	-	242.7	-	-	-	-	242.7	
	Annual energy consumption		kWh/a	386	566	687	1,309	386	566	687	1,309	1,309	
Space heating (Average climate)	Energy efficiency class			A+	A++	A+	-	A+	A++	A+	-	-	
	Capacity	Pdesign	kW	6.00	11.3	12.7	11.6	6.00	11.3	12.7	11.6	11.6	
	SCOP/A			4.31	4.78	4.28	4.01	4.31	4.78	4.28	4.01	4.01	
	ηs,h		%	-	-	-	157.3	-	-	-	-	157.3	
	Annual energy consumption		kWh/a	1,949	3,310	4,154	4,043	1,949	3,310	4,154	4,043	4,043	
Indoor unit				FBA	71A9	100A	125A	140A	71A9	100A	125A	140A	
Dimensions	Unit	HeightxWidthxDepth	mm	245x1,000x800			245x1,400x800		245x1,000x800			245x1,400x800	
Weight	Unit		kg	35.0			46.0		35.0			46.0	
Air filter	Type												
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0	23.5/29.0/34.0	12.5/15.0/18.0	23.0/26.0/29.0	23.0/26.0/29.0	23.5/29.0/34.0	
		Heating	Low/Medium/High	m³/min	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0	23.5/29.0/34.0	12.5/15.0/18.0	23.0/26.0/29.0	23.0/26.0/29.0	23.5/29.0/34.0	
	External static pressure	Nom./High	Pa	30/150	40/150	50/150	50/150	30/150	40/150	40/150	50/150	50/150	
Sound power level	Cooling		dBA	56	58	62	62	56	58	62	62	62	
Sound pressure level	Cooling	Low/High	dBA	25.0/30.0	30.0/34.0	32.0/37.0	32.0/37.0	25.0/30.0	30.0/34.0	30.0/34.0	32.0/37.0	32.0/37.0	
	Heating	Low/High	dBA	25.0/31.0	30.0/36.0	32.0/38.0	32.0/38.0	25.0/31.0	30.0/36.0	30.0/36.0	32.0/38.0	32.0/38.0	
Control systems	Infrared remote control												
	Wired remote control												
Power supply	Phase/Frequency/Voltage		Hz/V										
Outdoor unit				RZQG	71L9V1	100L9V1	125L9V1	140L9V1	71L8Y1	100L8Y1	125L8Y1	140LY1	
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320			1,430x940x320		990x940x320			1,430x940x320	
Weight	Unit		kg	69.0			95.0		80.0			101.0	
Sound power level	Cooling		dBA	64.0	66.0	67.0	69.0	69.0	64.0	66.0	67.0	69.0	
	Heating		dBA	64.0	66.0	67.0	69.0	69.0	64.0	66.0	67.0	69.0	
Sound pressure level	Cooling	Nom.	dBA	48	50	51	52	52	48	50	51	52	
	Heating	Nom.	dBA	50	52		53		50	52		53	
Operation range	Cooling	Ambient	Min.-Max.	°CDB					-15.0~50.0				
	Heating	Ambient	Min.-Max.	°CWB					-20.0~15.5				
Refrigerant	Type/GWP								R-410A/2,087.5				
Piping connections	Charge		kg/CO2Eq	2.9/6.05			4.0/8.35		2.9/6.05			4.0/8.35	
	Liquid/Gas	OD	mm						9.52/15.9				
	Piping length	OU - IU	Max.	m	50			75		50			75
		System	Equivalent	m	70			90		70			90
			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					3N~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)		A	25			40		16			25	

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- > Combination with Seasonal Classic 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
- > 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



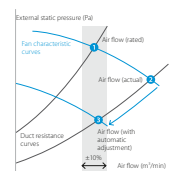
- > Standard built-in drain pump with 625mm lift increases flexibility and installation speed

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 + RZQSG	71A9 + 71L3V1	100A + 100L9V1	125A + 125L9V1	140A + 140L9V1	100A + 100L8Y1	125A + 125L8Y1	140A + 140LY1	
Cooling capacity	Nom.		kW	6.80		9.50	12.0	13.4	9.50	12.0	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+								
	Capacity	Pdesign	kW	6.80		9.50	12.0	13.4	9.50	12.0	13.4	
	SEER			5.84		5.61	5.47	5.23	5.61	5.47	5.23	
	ηs,c		%					206.3			206.3	
	Annual energy consumption		kWh/a	408		593	768	1,537	593	768	1,537	
Space heating (Average climate)	Energy efficiency class			A+								
	Capacity	Pdesign	kW	6.00		7.60		11.6		7.60	11.6	
	SCOP/A			4.01		4.15	4.01	3.81	4.15	4.01	3.81	
	ηs,h		%					149.3			149.3	
	Annual energy consumption		kWh/a	2,095		2,564	2,653	4,255	2,564	2,653	4,255	
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	m³/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	23.5/29.0/34.0		
		Heating	Low/Medium/High	m³/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	23.5/29.0/34.0		
	External static pressure	Nom./High		Pa	30/150	40/150	50/150	40/150	50/150	50/150		
Sound power level	Cooling			dBA	56	58	62	58	62			
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			BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52								
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220								
Outdoor unit				RZQSG/RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1	
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320		1,430x940x320	990x940x320				
Weight	Unit		kg	67	72.0	74.0	67	82.0	82.0	101.0		
Sound power level	Cooling		dBA	65		70.0		69.0		70.0	69.0	
	Heating		dBA	-		70.0		69.0		70.0	69.0	
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/-	54/-	53/-	57	54/-	53/-	
	Heating	Nom.		dBA	51	57	58	54	57	58	54	
Operation range	Cooling	Ambient	Min.-Max.	°CDB	-15.0~46	-15.0~46.0						
	Heating	Ambient	Min.-Max.	°CWB	-15~-15.5	-15.0~-15.5						
Refrigerant	Type/GWP			R-410A/2,087.5								
	Charge		kg/TCO2Eq	2.75/5.7	2.9/6.05		4.0/8.35	2.9/6.05		4.0/8.35		
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								
Power supply	Phase/Frequency/Voltage		Hz/V	15	1~/50/220-240		30.0	3N~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)		A	20	40			20		25		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

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 or 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
- › 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 + RXS		35A9 + 35L3		50A9 + 50L		60A9 + 60L		
Cooling capacity	Nom.	kW		3.40		5.00		5.70		
Heating capacity	Nom.	kW		4.00		5.50		7.00		
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		A++		A++		A+		
		Pdesign	kW	3.40		5.00		5.70		
		SEER		6.17		6.21		5.86		
		Annual energy consumption	kWh	193		282		340		
	Heating (Average climate)	Energy efficiency class		A+		A+		A+		
		Pdesign	kW	2.90		4.40		4.60		
		SCOP/A		4.07		4.06		4.01		
		Annual energy consumption	kWh	998		1,517		1,606		
Indoor unit		FBA		35A9		50A9		60A9		
Dimensions	Unit	HeightxWidthxDepth		mm		245x700x800		245x1,000x800		
Weight	Unit	kg		28.0		35.0		35.0		
Air filter	Type		Resin net		Resin net		Resin net		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		
		Heating	Low/Medium/High	m ³ /min		10.5/12.5 /15.0		12.5/15.0 /18.0		
	External static pressure	Nom./High		Pa		30/150		30/150		
Sound power level	Cooling	dBA		60		60		56		
Sound pressure level	Cooling	Low/High	dBA		29.0/35.0		25.0/30.0		25.0/30.0	
	Heating	Low/High	dBA		29.0/37.0		25.0/31.0		25.0/31.0	
Control systems	Infrared remote control		BRC4C65 / BRC4C66		BRC4C65 / BRC4C66		BRC4C65 / BRC4C66		BRC4C65 / BRC4C66	
	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52	
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/60/220-240/220		1~/50/60/220-240/220		1~/50/60/220-240/220	
Outdoor unit		RXS/RXS		35L3		50L		60L		
Dimensions	Unit	HeightxWidthxDepth		mm		550x765x285		735x825x300		
Weight	Unit	kg		34		47		48		
Sound power level	Cooling	dBA		61		62		62		
	Heating	dBA		61		62		62		
Sound pressure level	Cooling	Low/High	dBA		-/48		44/48		46/49	
	Heating	Low/High	dBA		-/48		45/48		46/49	
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~-46		-10~-46		
	Heating	Ambient	Min.~Max.	°CWB		-15~-18		-15~-18		
Refrigerant	Type	R-410A		R-410A		R-410A		R-410A		
	GWP	2,087.5		2,087.5		2,087.5		2,087.5		
Piping connections	Charge	kg/CO ₂ Eq		1.2/2.5		1.7/3.5		1.5/3.1		
	Liquid	OD	mm		6.35		6.35		6.35	
Piping connections	Gas	OD	mm		9.5		12.7		12.7	
	Piping length	OU - IU	Max.	m		20		30		
Piping connections	System	Chargeless	m		10		-		-	
	Additional refrigerant charge	kg/m		0.020 (for piping length exceeding 10m)		0.020 (for piping length exceeding 10m)		0.020 (for piping length exceeding 10m)		
Piping connections	Level difference	IU - OU	Max.	m		15		20.0		
	Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240		1~/50/220-230-240		
Current - 50Hz	Maximum fuse amps (MFA)		A		-		-			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Concealed ceiling unit with high ESP

ESP up to 200, ideal for large sized spaces

- › High external static pressure up to 200Pa facilitates extensive duct and grille network
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › 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



				Seasonal smart - RZQG		Seasonal classic - RZQSG				
				125A + 125L9V1	125A + 125L8Y1	125A + 125L9V1	125A + 125L8Y1			
Efficiency data				FDA						
Cooling capacity	Nom.					12.0				
Heating capacity	Nom.					13.5				
Space cooling	Energy efficiency class			A+		A				
	Capacity	Pdesign			12.0					
	Annual energy consumption			723		808				
Space heating (Average climate)	Energy efficiency class			A+		A				
	Capacity	Pdesign			12.7		7.60			
	Annual energy consumption			4,227		2,729				
Indoor unit				FDA						
Dimensions	Unit	HeightxWidthxDepth			125A		125A			
			mm		300x1,400x700					
Weight	Unit					45				
Required ceiling void >			mm		350					
Air filter	Type					Resin net				
Decoration panel	Model					BYBS125DJW1				
	Colour					White (10Y9/0.5)				
	Dimensions	HeightxWidthxDepth	mm		55x1,500x500					
	Weight					6.5				
Fan	Air flow rate	Cooling	Low/High	m ³ /min	28.0/39.0					
		Heating	Low/High	m ³ /min	28.0/39.0					
	External static pressure	Nom./High			Pa		50/200			
Sound power level	Cooling					66				
Sound pressure level	Cooling	Low/High					33/40			
	Heating	Low/High					33/40			
Control systems	Infrared remote control					BRC4C65				
	Wired remote control					BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52				
Power supply	Phase/Frequency/Voltage					1~/50/60/220-240/220				
Outdoor unit				RZQG125L9V1		RZQSG125L8Y1				
Dimensions	Unit	HeightxWidthxDepth	mm		1,430x940x320		990x940x320			
Weight	Unit			kg		95.0		101.0		
Sound power level	Cooling			dBA		67.0		70.0		
	Heating			dBA		67.0		70.0		
Sound pressure level	Cooling	Nom.			dBA		51		54	
	Heating	Nom.			dBA		53		58	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0		-15.0~46.0			
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5		-15.0~15.5			
Refrigerant	Type/GWP					R-410A/2,087.5				
	Charge			kg/CO ₂ Eq		4.0/8.35		2.9/6.05		
Piping connections	Liquid/Gas	OD			mm		952/15.9			
	Piping length	OU - IU	Max.	m		75		50		
		System	Equivalent Chargeless	m		90		70		
	Additional refrigerant charge			kg/m		30				
	Level difference	IU - OU	Max.	m		30.0		See installation manual		
Power supply	Phase/Frequency/Voltage			Hz/V		1~/50/220-240		3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A		40		25		
						40		20		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Concealed ceiling unit with high ESP

ESP up to 250, ideal for extra large sized spaces

- › High external static pressure up to 250Pa facilitates using flexible ducts of varying lengths
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Up to 26.4kW in heating mode



FDQ-B

BRC1H519W7

Indoor unit			FDQ	200B	250B
Cooling capacity	Total capacity	Nom.	kW	20.0	24.1
Heating capacity	Total capacity	Nom.	kW	23.0	26.4
Power input - 50Hz	Cooling	Nom.	kW	1.340	
	Heating	Nom.	kW	1.340	
Dimensions	Unit	HeightxWidthxDepth		mm	
				450x1,400x900	
Weight	Unit			kg	89.0 / 94.0
Required ceiling void >					mm
					450
Air filter	Type				Resin net
Fan	Air flow rate	Cooling	Medium	m ³ /min	69.0 / 89.0
		Heating	Medium	m ³ /min	69.0 / 89.0
			Low/Nom./High		Pa
Sound power level	Cooling			dBA	81.0 / 82.0
Sound pressure level	Cooling	High		dBA	45.0 / 47.0
	Heating	Low		dBA	45.0 / 47.0
Control systems	Wired remote control				BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230 +/-10%	

Concealed ceiling unit

Ideal for residential applications with false ceilings

- › Energy efficient units: up to class A energy labels
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Slim indoor unit (300mm built-in height) suited for narrow ceiling installation
- › Exclusively offered for pair applications
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › 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 drain pump kit



Efficiency data		ADEA + AZQS		ARXS71A + 71L		100A + 100B8V1		125A + 125B8V1				
Cooling capacity	Nom.	kW		6.80		9.50		12.1				
Heating capacity	Nom.	kW		7.50		10.8		13.5				
Space cooling	Energy efficiency class			A		A		-				
	Capacity	Pdesign	kW		6.80		9.50		12.1			
	SEER			5.30		5.10		4.71				
	ηs,c			-		-		185.3				
	Annual energy consumption			kWh/a		449		652		1,543		
Space heating (Average climate)	Energy efficiency class			A		A		-				
	Capacity	Pdesign	kW		6.00		7.60		7.93			
	SCOP/A			3.80		3.81		3.50				
	ηs,h			-		-		137.2				
	Annual energy consumption			kWh/a		2,210		2,793		3,167		
Indoor unit		ADEA		71A		100A		125A				
Dimensions	Unit	HeightxWidthxDPTH		mm		245x1,000x800		245x1,400x800				
Weight	Unit			kg		35		46				
Air filter	Type			Resin net		Resin net		Resin net				
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	12.5/15.0 /18.0		23.0/26.0 /29.0		23.5/29.0 /34.0			
		Heating	Low/Medium/High	m³/min	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		56		58		62		
Sound pressure level	Cooling	Low/Nom./High			dBA		25/30/30		30/34/34		32/37/37	
	Heating	Low/Nom./High			dBA		25/31/31		30/36/36		32/38/38	
Control systems	Wired remote control						BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52					
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240				1~/50/220-240			
Outdoor unit		ARXS/AZQS		ARXS71L		AZQS100B8V1		AZQS125B8V1				
Dimensions	Unit	HeightxWidthxDPTH		mm		735x825x300		990x940x320				
Weight	Unit			kg		47		72.8		74.3		
Sound power level	Cooling			dBA		65		70.0		71.0		
	Heating			dBA		65		70.0		71.0		
Sound pressure level	Cooling	Nom.			dBA		52		53		54	
	Heating	Nom.			dBA		52		57		58	
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46				-5.0~46.0		
	Heating	Ambient	Min.~Max.	°CWB		-15~18				-15.0~15.5		
Refrigerant	Type			R-410A		R-410A		R-410A				
	GWP			2,087.5		2,087.5		2,087.5				
	Charge			kg/CO2Eq		1.70/3.55		2.9/6.05				
Piping connections	Liquid	OD			mm		9.52		9.52			
	Gas	OD			mm		15.9		15.9			
	Piping length	OU - IU	Max.	m		30		50 / 30				
	System	Chargeless			m		10		30			
	Additional refrigerant charge			kg/m		0.02 (for piping length exceeding 10m)		See installation manual				
Level difference	IU - OU	Max.	m		20.0		30.0					
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-230-240				1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)		A		-				32			

Concealed ceiling unit

Ideal for medium sized shops with false ceilings

- › Ideal solution for busy retail and business environments and small shops
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Exclusively offered for pair applications
- › Air filter removes airborne dust particles to ensure a steady supply of clean air
- › Easy installation and maintenance
- › Double protection drainage system ensures quality



Efficiency data		ABQ + AZQS		140C + 140B8V1	100C + 100BY1	125C + 125BY1	140C + 140BY1				
Cooling capacity	Nom.	kW		13.0	9.5	12.1	13.0				
Heating capacity	Nom.	kW		15.5	10.8	13.5	15.5				
Space cooling	Energy efficiency class			-	B	-	-				
	Capacity	Pdesign	kW	13.0	9.50	12.1	13.0				
	SEER			5.01	4.65	4.68	5.01				
	ηs,c		%	197.2	-	184.2	197.2				
	Annual energy consumption		kWh/a	1,559	716	1,550	1,559				
Space heating (Average climate)	Energy efficiency class			-	A	-	-				
	Capacity	Pdesign	kW	12.3	6.78	8.13	12.3				
	SCOP/A			3.58	3.80	3.41	3.58				
	ηs,h		%	140.0	-	133.3	140.0				
	Annual energy consumption		kWh/a	4,811	2,498	3,340	4,811				
Indoor unit		ABQ		140C	100C	125C	140C				
Dimensions	Unit	HeightxWidthxDepth		mm	378x1,500x541	378x541x1,045	378x1,300x541	378x1,500x541			
Weight	Unit			kg	56.0	44	50.0	56.0			
Air filter					yes						
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	37.9/44 /48.7	18.3/-/22.7	34.8/37 /40.5	37.9/44 /48.7			
		Heating	Low/Medium/High	m ³ /min	37.9/43.9 /48.7	18.3/-/22.7	34.8/37.4 /40.5	37.9/43.9 /48.7			
	External static pressure	Low/Nom./High	Maximum	Medium/High available	Pa	92/122/150	45/57/70	111/128/150	92/122/150		
Sound power level	Cooling			dB(A)	73	60	72	73			
	Heating			dB(A)	73	60	72	73			
Sound pressure level	Cooling	Low/Nom./High			dB(A)	50/-/55	36/38/41	50/-/53	50/-/55		
	Heating	Low/Nom./High			dB(A)	50/-/55	36/38/41	50/-/53	50/-/55		
Control systems	Infrared remote control				ARCWLA						
	Wired remote control				ARCWB						
Power supply	Phase/Frequency/Voltage				Hz/V						
						1~/50/220-240					
Outdoor unit		AZQS/AZQS		140B8V1	100BY1	125BY1	140BY1				
Dimensions	Unit	HeightxWidthxDepth		mm	1,430x940x320	990x940x320	1,430x940x320				
Weight	Unit			kg	94.9	82	101.0				
Sound power level	Cooling			dB(A)	70.0	71.0	70.0				
	Heating			dB(A)	70.0	-	71.0	70.0			
Sound pressure level	Cooling	Nom.			dB(A)	53	54	53			
	Heating	Nom.			dB(A)	54	57	54			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46.0						
	Heating	Ambient	Min.~Max.	°CWB	-15.0~15.5						
Refrigerant	Type/GWP			R-410A/2,087.5							
Charge		kg/CO ₂ Eq			4.0/8.35	2.9/6.1	2.9/6.05	4.0/8.35			
Piping connections	Liquid/Gas	OD			mm						
	Piping length	OU - IU	Max.			50/30	50	50 / 30			
		System	Equivalent			m					
			Chargeless			m					
		Additional refrigerant charge			kg/m						
	Level difference	IU - OU	Max.			m					
Power supply	Phase/Frequency/Voltage				Hz/V						
						1~/50/220-240		3N~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)						A	40	-	20	25

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Wall mounted unit

For rooms with no false ceilings nor free floor space

- › Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance
- › 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



Efficiency data		FAA + RZQG		71A + 71L9V1		100A + 100L9V1		71A + 71L8Y1		100A + 100L8Y1			
Cooling capacity	Nom.	kW		6.80		9.50		6.80		9.50			
Heating capacity	Nom.	kW		7.50		10.8		7.50		10.8			
Space cooling	Energy efficiency class		A++										
	Capacity	Pdesign	kW		6.80		9.50		6.80		9.50		
	Annual energy consumption		kWh/a		371		545		371		545		
Space heating (Average climate)	Energy efficiency class		A+										
	Capacity	Pdesign	kW		6.33		10.2		6.33		10.2		
	Annual energy consumption		kWh/a		2,205		3,562		2,205		3,562		
Indoor unit		FAA		71A		100A		71A		100A			
Dimensions	Unit	HeightxWidthxDepth		mm		290x1,050x238		340x1,200x240		290x1,050x238		340x1,200x240	
Weight	Unit	kg		13.0		17.0		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		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		14.0/16.0 /18.0		19.0/23.0 /26.0		
Sound power level	Cooling			dBA	61		65		61		65		
	Heating			dBA	61		65		61		65		
Sound pressure level	Cooling	Low/High		dBA	40/45		41/49		40/45		41/49		
	Heating	Low/High		dBA	40/45		41/49		40/45		41/49		
Control systems	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52										
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240								
Outdoor unit		RZQG		71L9V1		100L9V1		71L8Y1		100L8Y1			
Dimensions	Unit	HeightxWidthxDepth		mm		990x940x320		1,430x940x320		990x940x320		1,430x940x320	
Weight	Unit	kg		69.0		95.0		80.0		101.0			
Sound power level	Cooling			dBA	64.0		66.0		64.0		66.0		
	Heating			dBA	64.0		66.0		64.0		66.0		
Sound pressure level	Cooling	Nom.		dBA	48		50		48		50		
	Heating	Nom.		dBA	50		52		50		52		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0								
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5								
Refrigerant	Type/GWP		R-410A/2,087.5										
	Charge	kg/CO ₂ Eq		2.9/6.05		4.0/8.35		2.9/6.05		4.0/8.35			
Piping connections	Liquid/Gas	OD		mm		9.52/15.9							
	Piping length	OU - IU	Max.	m	50		75		50		75		
		System	Equivalent	m	70		90		70		90		
		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				3N~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)		A		25		40		16		25		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Wall mounted unit

For rooms with no false ceilings nor free floor space

- › Combination with Seasonal Classic 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



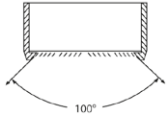
Efficiency data		FAA + RZQSG		71A + 71L3V1		100A + 100L9V1		100A + 100L8Y1			
Cooling capacity	Nom.	kW		6.80		9.50		9.50			
Heating capacity	Nom.	kW		7.50		10.8		10.8			
Space cooling	Energy efficiency class				A+						
	Capacity	Pdesign	kW		6.80		9.50		9.50		
	SEER			6.05		5.61		5.61			
	ηs,c			%		-		-			
Annual energy consumption		kWh/a		394		593		593			
Space heating (Average climate)	Energy efficiency class				A		A+		A+		
	Capacity	Pdesign	kW		6.33		6.81		6.81		
	SCOP/A			3.90		4.01		4.01			
	ηs,h			%		-		-			
Annual energy consumption		kWh/a		2,155		2,378		2,378			
Indoor unit		FAA		71A		100A		100A			
Dimensions	Unit	HeightxWidthxDepth		mm		290x1,050x238		340x1,200x240			
Weight	Unit	kg		13.0		17.0		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		19.0/23.0 /26.0		
		Heating	Low/Medium/High	m ³ /min	14.0/16.0 /18.0		19.0/23.0 /26.0		19.0/23.0 /26.0		
Sound power level	Cooling			dBA	61		65		65		
	Heating			dBA	61		65		65		
Sound pressure level	Cooling	Low/High		dBA	40/45		41/49		41/49		
	Heating	Low/High		dBA	40/45		41/49		41/49		
Control systems	Wired remote control				BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240		1~/50/220-240		1~/50/220-240		
Outdoor unit		RZQSG		71L3V1		100L9V1		100L8Y1			
Dimensions	Unit	HeightxWidthxDepth		mm		770x900x320		990x940x320			
Weight	Unit	kg		67		72.0		82.0			
Sound power level	Cooling			dBA	65		70.0		70.0		
	Heating			dBA	-		70.0		70.0		
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47		53/-		53/-		
	Heating	Nom.		dBA	51		57		57		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46		-15.0~46.0		-15.0~46.0		
	Heating	Ambient	Min.~Max.	°CWB	-15~-15.5		-15.0~-15.5		-15.0~-15.5		
Refrigerant	Type/GWP				R-410A/2,087.5		R-410A/2,087.5		R-410A/2,087.5		
	Charge	kg/TCO2Eq		2.75/5.7		2.9/6.05		2.9/6.05		2.9/6.05	
Piping connections	Liquid/Gas	OD		mm	9.52/15.9		9.52/15.9		9.52/15.9		
	Piping length	OU - IU	Max.		m	50		50		50	
		System	Equivalent		m	70		70		70	
		Chargeless		m	30		30		30		
	Additional refrigerant charge		kg/m		See installation manual		See installation manual		See installation manual		
Power supply	Level difference		IU - OU	Max.	m	15		30.0			
Phase/Frequency/Voltage	Hz/V				1~/50/220-240		1~/50/220-240		1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A		20		40		3N~/50/380-415		
									20		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance
- › 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



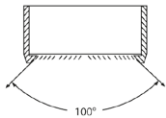
Efficiency data		FHA + RZQG		71A9 + 71L9V1	100A + 100L9V1	125A + 125L9V1	140A + 140L9V1	71A9 + 71L8Y1	100A + 100L8Y1	125A + 125L8Y1	140A + 140LY1		
Cooling capacity	Nom.	kW		6.80	9.50	12.0	13.4	6.80	9.50	12.0	13.4		
Heating capacity	Nom.	kW		7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5		
Space cooling	Energy efficiency class			A++		A+		A++		A+			
	Capacity	Pdesign	kW	6.80	9.50	12.0	13.4	6.80	9.50	12.0	13.4		
	SEER			6.86	6.11	6.01	6.22	6.86	6.11	6.01	6.22		
	ηs,c					-		246.0		246.0			
	Annual energy consumption			kWh/a	347	545	699	1,292	347	545	699	1,292	
Space heating (Average climate)	Energy efficiency class			A+		A++		A+		-			
	Capacity	Pdesign	kW	7.60	11.3	14.1	11.6	7.60	11.3	14.1	11.6		
	SCOP/A			4.32	4.61	4.23	4.22	4.32	4.61	4.23	4.22		
	ηs,h					-		165.9		165.9			
	Annual energy consumption			kWh/a	2,463	3,432	4,677	3,851	2,463	3,432	4,677	3,851	
Indoor unit		FHA		71A9	100A	125A	140A	71A9	100A	125A	140A		
Dimensions	Unit	HeightxWidthxDepth		mm		235x1,270x690		235x1,270x690		235x1,590x690			
Weight	Unit	kg		32.0		38.0		32.0		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	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	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	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	55	60	62	64	55	60	62	64	
		Heating	Low/High	dBA	34/38	34/42	37/44	38/46	34/38	34/42	37/44	38/46	
Sound pressure level	Cooling			dBA	36/38	38/42	41/44	42/46	36/38	38/42	41/44	42/46	
		Heating	Nom./High	dBA	36/38	38/42	41/44	42/46	36/38	38/42	41/44	42/46	
Control systems	Infrared remote control										BRC7G53		
	Wired remote control										BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52		
Power supply	Phase/Frequency/Voltage		Hz/V								1~/50/220-240		
Outdoor unit		RZQG/RZQG		71L9V1	100L9V1	125L9V1	140L9V1	71L8Y1	100L8Y1	125L8Y1	140LY1		
Dimensions	Unit	HeightxWidthxDepth		mm		990x940x320		1,430x940x320		990x940x320			
Weight	Unit	kg		69.0		95.0		80.0		101.0			
Sound power level	Cooling			dBA	64.0	66.0	67.0	69.0	64.0	66.0	67.0	69.0	
		Heating			dBA	64.0	66.0	67.0	69.0	64.0	66.0	67.0	69.0
Sound pressure level	Cooling	Nom.	dBA	48	50	51	52	48	50	51	52		
		Heating	Nom.	dBA	50	52	53	50	52	53	53		
Operation range	Cooling	Ambient	Min.~Max.	°CDB							-15.0~-50.0		
		Heating	Ambient	Min.~Max.	°CWB							-20.0~-15.5	
Refrigerant	Type/GWP										R-410A/2,087.5		
	Charge			kg/CO ₂ Eq	2.9/6.05	4.0/8.35	2.9/6.05	4.0/8.35	2.9/6.05	4.0/8.35	2.9/6.05	4.0/8.35	
Piping connections	Liquid/Gas	OD		mm						9.52/15.9			
	Piping length	OU - IU	Max.	m	50	75	50	75	50	75	50	75	
		System	Equivalent	m	70	90	70	90	70	90	70	90	
			Chargeless			m						30	
			Additional refrigerant charge			kg/m						See installation manual	
Power supply	Phase/Frequency/Voltage		Hz/V								30.0		
	Maximum fuse amps (MFA)		A		25		40		16		25		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

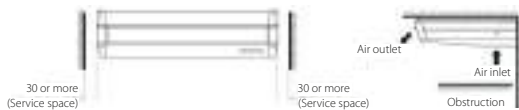
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with Seasonal Classic 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



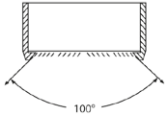
Efficiency data		FHA + RZQSG	71A9 + 71L3V1	100A + 100L9V1	125A + 125L9V1	140A + 140L9V1	100A + 100L8Y1	125A + 125L8Y1	140A + 140LY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.0	13.4	9.50	12.0	13.4		
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5		
Space cooling	Energy efficiency class		A+			-	A+		-		
	Capacity	Pdesign	kW	6.80	9.50	12.0	13.4	9.50	12.0		
	SEER					5.61					
	ηs,c					221.4			221.4		
Space heating (Average climate)	Annual energy consumption	kWh/a	425	593	749	1,434	593	749	1,434		
	Energy efficiency class		A		A+	-	A	A+	-		
	Capacity	Pdesign	kW	7.60		11.6	7.60		11.6		
	SCOP/A		3.90	3.91	4.01	3.72	3.91	4.01	3.72		
	ηs,h					145.6			145.6		
Annual energy consumption	kWh/a	2,727	2,722	2,654	4,376	2,722	2,654	4,376			
Indoor unit		FHA	71A9	100A	125A	140A	100A	125A	140A		
Dimensions	Unit	HeightxWidthxDepth	235x1,270x690			235x1,590x690					
Weight	Unit		32.0					38.0			
Air filter	Type		Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	14.0/17.0 /20.5	20.0/24.0 /28.0	23.0/27.0 /31.0	24.0/29.0 /34.0	20.0/24.0 /28.0	23.0/27.0 /31.0	24.0/29.0 /34.0
		Heating	Low/Medium/High	m³/min	14.0/17.0 /20.5	20.0/24.0 /28.0	23.0/27.0 /31.0	24.0/29.0 /34.0	20.0/24.0 /28.0	23.0/27.0 /31.0	24.0/29.0 /34.0
Sound power level	Cooling			dBA	55	60	62	64	60	62	64
		Heating		dBA	34/38	34/42	37/44	38/46	34/42	37/44	38/46
Sound pressure level	Cooling	Low/High		dBA	36/38	38/42	41/44	42/46	38/42	41/44	42/46
		Heating	Nom./High		dBA	36/38	38/42	41/44	42/46	38/42	41/44
Control systems	Infrared remote control		BRC7G53								
	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52								
Power supply	Phase/Frequency/Voltage		Hz/V								
				1~/50/220-240							
Outdoor unit		RZQSG/RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1		
Dimensions	Unit	HeightxWidthxDepth	770x900x320		990x940x320		1,430x940x320		990x940x320		
Weight	Unit		67	72.0	74.0	95.0	82.0		101.0		
Sound power level	Cooling		dBA	65	70.0		69.0	70.0		69.0	
	Heating		dBA	-	70.0		69.0	70.0		69.0	
Sound pressure level	Cooling	Nom./Silent operation	dBA	49/47	53/-	54/-	53/-		54/-	53/-	
	Heating	Nom.	dBA	51	57	58	54	57	58	54	
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-15.0~-46.0					
	Heating	Ambient	Min.~Max.	°CWB		-15.0~-15.5					
Refrigerant	Type/GWP		R-410A/2,087.5								
	Charge		kg/TCO2Eq	2.75/5.7	2.9/6.05		4.0/8.35	2.9/6.05		4.0/8.35	
Piping connections	Liquid/Gas	OD	mm								
			9.52/15.9								
	Piping length	OU - IU	Max.	m							
		System	Equivalent	m							
		Chargeless		m							
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			3N~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)		A		20		40		20		25

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with split outdoor units is ideal for small retail, offices or 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 + RXS		50A9 + 50L		60A9 + 60L		35A9 + 35L3		
Cooling capacity	Nom.	kW		5.00		5.70		3.40		
Heating capacity	Nom.	kW		6.00		7.20		4.00		
Space cooling	Energy efficiency class				A+		A++			
	Capacity	Pdesign	kW		5.00		5.70		3.40	
	SEER			5.87		6.02		6.18		
	ηs,c	%				-		-		
Annual energy consumption		kWh/a		298		332		193		
Space heating (Average climate)	Energy efficiency class				A		A+			
	Capacity	Pdesign	kW		4.35		4.71		3.10	
	SCOP/A			3.86		3.87		4.43		
	ηs,h	%				-		-		
	Annual energy consumption		kWh/a		1,578		1,705		981	
Indoor unit		FHA		50A9		60A9		35A9		
Dimensions	Unit	HeightxWidthxDepth		mm		235x1,270x690		235x960x690		
Weight	Unit			kg		25.0		24.0		
Air filter	Type						Resin net			
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	10.0/12.0 / 15.0		11.5/15.0 / 19.5		10.0/11.5 / 14.0	
		Heating	Low/Medium/High		10.0/12.0 / 15.0		11.5/15.0 / 19.5		10.0/11.5 / 14.0	
Sound power level	Cooling			dBA	54		53			
Sound pressure level	Cooling	Low/High		dBA	32/37		33/37		31/36	
	Heating	Nom./High		dBA	35/37		34/36			
Control systems	Infrared remote control						BRC7GA53 / BRC7GA56			
	Wired remote control						BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52			
Power supply	Phase/Frequency/Voltage		Hz/V				1~/50/220-240			
Outdoor unit		RXS		50L		60L		35L3		
Dimensions	Unit	HeightxWidthxDepth		mm		735x825x300		550x765x285		
Weight	Unit			kg		47		34		
Sound power level	Cooling			dBA	62		61			
	Heating			dBA	62		61			
Sound pressure level	Cooling	Low/High		dBA	44/48		46/49		-/48	
	Heating	Low/High		dBA	45/48		46/49		-/48	
Operation range	Cooling	Ambient	Min.~Max.	°CDB			-10~46			
	Heating	Ambient	Min.~Max.	°CWB			-15~18			
Refrigerant	Type						R-410A			
	GWP						2,087.5			
	Charge		kg/TCO2Eq		1.7/3.5		1.5/3.1		1.2/2.5	
Piping connections	Liquid	OD		mm						
	Gas	OD		mm		12.7		9.5		
	Piping length	OU - IU	Max.		m		30		20	
		System	Chargeless		m		-		10	
	Additional refrigerant charge				kg/m		0.020 (for piping length exceeding 10m)			
Level difference	IU - OU	Max.		m		20.0		15		
Power supply	Phase/Frequency/Voltage		Hz/V				1~/50/220-230-240			
Current - 50Hz	Maximum fuse amps (MFA)		A				-			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter(earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

*Note: blue cells contain preliminary data

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Ideal solution for commercial spaces with no or narrow false ceilings
- › Exclusively offered for pair applications
- › Can easily be installed in both new and refurbishment projects
- › Air filter removes airborne dust particles to ensure a steady supply of clean air
- › Decrease of temperature variation by automatic fan speed selection or freely selectable 3-step fan speed.
- › Easy installation and maintenance



Efficiency data		AHQ + AZQS		71C + 71BV1	100C + 100B8V1	125C + 125B8V1	140C + 140B8V1	100C + 100BY1	125C + 125BY1	140C + 140BY1		
Cooling capacity	Nom.	kW		6.8	9.5	12.1	13.0	9.5	12.1	13.0		
Heating capacity	Nom.	kW		7.5	10.8	13.5	15.5	10.8	13.5	15.5		
Space cooling	Energy efficiency class			B		-		B		-		
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.0	9.50	12.1	13.0		
	SEER			4.65	4.60	5.14	5.77	4.60	5.14	5.77		
	ηs,c		%	-	-	202.7	227.6	-	202.7	227.6		
	Annual energy consumption		kWh/a	511.85	723	1,412	1,353	723	1,412	1,353		
Space heating (Average climate)	Energy efficiency class			A		-		A		-		
	Capacity	Pdesign	kW	6.33	7.60	7.99	12.0	7.60	7.99	12.0		
	SCOP/A			3.80		3.78	3.99	3.80	3.78	3.99		
	ηs,h		%	-	-	148.0	156.7	-	148.0	156.7		
	Annual energy consumption		kWh/a	2,332.26	2,800	2,964	4,199	2,800	2,964	4,199		
Indoor unit		AHQ		71C	100C	125C	140C	100C	125C	140C		
Dimensions	Unit	HeightxWidthxDepth		mm		260x1,320x634	260x1,538x634	260x1,790x634	285x1,900x680	260x1,538x634	260x1,790x634	285x1,900x680
Weight	Unit	kg		38	45	65.0	70.0	45	65.0	70.0		
Air filter	Type	Removable / washable										
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	18.9/-/23.8	24.8/-/31.1	27.2/31 /34.4	28.3/39 /43.9	24.8/-/31.1	27.2/31 /34.4	28.3/39 /43.9	
		Heating	Low/Medium/High	m ³ /min	18.9/-/23.8	24.8/-/31.1	27.2/30.6 /34.4	28.3/39.1 /43.9	24.8/-/31.1	27.2/30.6 /34.4	28.3/39.1 /43.9	
Sound power level	Cooling	dBA		59	64	65	71	64	65	71		
	Heating	dBA		62	64	65	71	64	65	71		
Sound pressure level	Cooling	Low/Nom./High	dBA	46/48/49	46/47/52	49/-/52	46/-/56	46/47/52	49/-/52	46/-/56		
	Heating	Low/Nom./High	dBA	46/48/49	46/47/52	49/-/52	46/-/56	46/47/52	49/-/52	46/-/56		
Control systems	Infrared remote control			ARCWLA								
	Wired remote control			ARCWB								
Power supply	Phase/Frequency/Voltage			Hz/V								
		1~/50/220-240										
Outdoor unit		AZQS/AZQS		71BV1	100B8V1	125B8V1	140B8V1	100BY1	125BY1	140BY1		
Dimensions	Unit	HeightxWidthxDepth		mm		770x900x320	990x940x320	1,430x940x320	990x940x320	1,430x940x320		
Weight	Unit	kg		67	72.8	74.3	94.9	82	101.0			
Sound power level	Cooling	dBA		64	70.0	71.0	70.0	71.0	70.0			
	Heating	dBA		-	70.0	71.0	70.0	-	71.0			
Sound pressure level	Cooling	Nom.	dBA	48	53	54	53	54	53			
	Heating	Nom.	dBA	50	57	58	54	57	58			
Operation range	Cooling	Ambient	Min.~Max.	°CDB								
	Heating	Ambient	Min.~Max.	°CWB								
Refrigerant	Type/GWP			R-410A/2,087.5								
	Charge			kg/CO ₂ Eq		2.75/5.7	2.9/6.05	4.0/8.35	2.9/6.1	2.9/6.05	4.0/8.35	
Piping connections	Liquid/Gas	OD		mm								
	Piping length	OU - IU	Max.	m								
		System	Equivalent	m								
	Chargeless			m								
	Additional refrigerant charge			kg/m								
Level difference		IU - OU	Max.	m								
		30.0										
Power supply	Phase/Frequency/Voltage			Hz/V				3N~/50/380-415				
		1~/50/220-240										
Current - 50Hz	Maximum fuse amps (MFA)			A	-	32	40	-	20	25		

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.



4-way blow ceiling suspended unit

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

- › Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance
- › 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!
- › 5 different discharge angles between 0 and 60° can be programmed via the remote control
- › Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011) blends easily with any interior
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load
- › Standard drain pump with 500mm lift increases flexibility and installation speed



Efficiency data		FUA + RZQG	71A + 71L9V1	100A + 100L9V1	125A + 125L9V1	71A + 71L8Y1	100A + 100L8Y1	125A + 125L8Y1		
Cooling capacity	Nom.	kW	6.80	9.50	12.0	6.80	9.50	12.0		
Heating capacity	Nom.	kW	7.50	10.8	13.5	7.50	10.8	13.5		
Space cooling	Energy efficiency class		A++		A+	A++		A+		
	Capacity	Pdesign	kW	6.80	9.50	12.0	6.80	9.50	12.0	
	SEER		6.42	6.11	5.61	6.42	6.11	5.61		
	Annual energy consumption		kWh/a	371	545	749	371	545	749	
Space heating (Average climate)	Energy efficiency class		A+							
	Capacity	Pdesign	kW	7.60	11.3	14.1	7.60	11.3	14.1	
	SCOP/A		4.20	4.50	4.44	4.20	4.50	4.44		
	Annual energy consumption		kWh/a	2,534	3,516	4,456	2,534	3,516	4,456	
Indoor unit		FUA	71A	100A	125A	71A	100A	125A		
Dimensions	Unit	HeightxWidthxDepth	mm							
			198x950x950							
Weight	Unit		25.0	26.0	25.0	26.0	25.0	26.0		
Air filter	Type		Resin net							
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5
		Heating	Low/Medium/High	m ³ /min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5
Sound power level	Cooling			dBA	59	64	65	59	64	65
	Heating			dBA	59	64	-	59	64	-
Sound pressure level	Cooling	Low/High		dBA	35/41	39/46	40/47	35/41	39/46	40/47
	Heating	Low/High		dBA	35/41	39/46	40/47	35/41	39/46	40/47
Control systems	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52							
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60 / 220-240/220							
Outdoor unit		RZQG/RZQG	71L9V1	100L9V1	125L9V1	71L8Y1	100L8Y1	125L8Y1		
Dimensions	Unit	HeightxWidthxDepth	mm		mm		mm			
			990x940x320		1,430x940x320		990x940x320			
Weight	Unit		69.0	95.0	80.0	101.0	69.0	95.0		
Sound power level	Cooling		dBA	64.0	66.0	67.0	64.0	66.0	67.0	
	Heating		dBA	64.0	66.0	67.0	64.0	66.0	67.0	
Sound pressure level	Cooling	Nom.	dBA	48	50	51	48	50	51	
	Heating	Nom.	dBA	50	52	53	50	52	53	
Operation range	Cooling	Ambient	Min.~Max.	°CDB						
	Heating	Ambient	Min.~Max.	°CWB						
Refrigerant	Type/GWP		R-410A/2,087.5							
	Charge		kg/CO ₂ Eq	2.9/6.05	4.0/8.35	2.9/6.05	4.0/8.35			
Piping connections	Liquid/Gas	OD	mm							
			9.52/15.9							
	Piping length	OU - IU	Max.	m						
		System	Equivalent	m						
		Chargeless		m						
Additional refrigerant charge			kg/m							
	Level difference	IU - OU	Max.	m						
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240							
Current - 50Hz	Maximum fuse amps (MFA)	A	25	40	16	25	25			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.



4-way blow ceiling suspended unit

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

- › Combination with Seasonal Classic ensures good value for money for all types of commercial applications
- › 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!
- › 5 different discharge angles between 0 and 60° can be programmed via the remote control
- › Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011) blends easily with any interior
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load
- › Standard drain pump with 500mm lift increases flexibility and installation speed



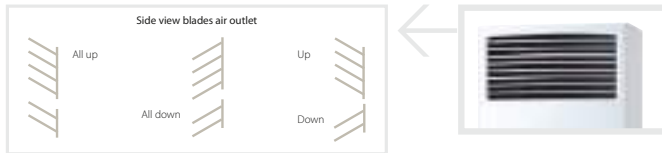
Efficiency data		FUA + RZQSG	71A + 71L3V1	100A + 100L9V1	125A + 125L9V1	100A + 100L8Y1	125A + 125L8Y1		
Cooling capacity	Nom.	kW	6.80	9.50	12.0	9.50	12.0		
Heating capacity	Nom.	kW	7.50	10.8	13.5	10.8	13.5		
Space cooling	Energy efficiency class		A+		A	A+	A		
	Capacity	Pdesign	kW	6.80	9.50	12.0	9.50	12.0	
	SEER		5.81	5.61	5.30	5.61	5.30		
	Annual energy consumption		kWh/a	410	593	793	593	793	
Space heating (Average climate)	Energy efficiency class		A	A+	A	A+	A		
	Capacity	Pdesign	kW	6.33	7.60				
	SCOP/A		3.90	4.01	3.85	4.01	3.85		
	Annual energy consumption		kWh/a	2,273	2,654	2,764	2,654	2,764	
Indoor unit		FUA	71A	100A	125A	100A	125A		
Dimensions	Unit	HeightxWidthxDepth	mm				198x950x950		
Weight	Unit		25.0					26.0	
Air filter	Type		Resin net						
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	20.0/25.5 /31.0	20.5/26.5 /32.5
		Heating	Low/Medium/High	m ³ /min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	20.0/25.5 /31.0	20.5/26.5 /32.5
Sound power level	Cooling			dBA	59	64	65	64	65
	Heating			dBA	59	64	-	64	-
Sound pressure level	Cooling	Low/High		dBA	35/41	39/46	40/47	39/46	40/47
	Heating	Low/High		dBA	35/41	39/46	40/47	39/46	40/47
Control systems	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage		1~/50/60 / 220-240/220						
Outdoor unit		RZQSG/RZQSG	71L3V1	100L9V1	125L9V1	100L8Y1	125L8Y1		
Dimensions	Unit	HeightxWidthxDepth	770x900x320		990x940x320				
Weight	Unit		67	72.0	74.0	82.0			
Sound power level	Cooling			dBA	65	70.0			
	Heating			dBA	-	70.0			
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/-	54/-	53/-	54/-
	Heating	Nom.		dBA	51	57	58	57	58
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46		-15.0~46.0		
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5		-15.0~15.5		
Refrigerant	Type/GWP		R-410A/2,087.5						
	Charge		kg/TCO ₂ Eq	2.75/5.7	2.9/6.05				
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		15	30.0			
Power supply	Phase/Frequency/Voltage		Hz/V				1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A	20	40	3N~/50/380-415			
						20			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Floor standing unit

For commercial spaces with high ceilings

- › Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance
- › 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*)



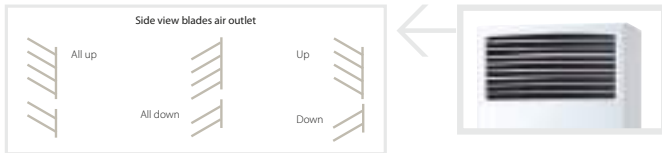
Efficiency data		FVA + RZQG		71A + 71L9V1	100A + 100L9V1	125A + 125L9V1	140A + 140L9V1	71A + 71L8Y1	100A + 100L8Y1	125A + 125L8Y1	140A + 140LY1	
Cooling capacity	Nom.	kW		6.80	9.50	12.0	13.4	6.80	9.50	12.0	13.4	
Heating capacity	Nom.	kW		7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5	
Space cooling	Energy efficiency class			A++	A+		-	A++	A+		-	
	Capacity	Pdesign	kW	6.80	9.50	12.0	13.4	6.80	9.50	12.0	13.4	
	SEER			6.23	5.61		5.89	6.23	5.61		5.89	
	ηs,c					-	232.6			-	232.6	
Annual energy consumption		kWh/a		383	593	749	1,365	383	593	749	1,365	
Space heating (Average climate)	Energy efficiency class			A+		A		A+		A		
	Capacity	Pdesign	kW	6.33	11.3		11.5	6.33	11.3		11.5	
	SCOP/A			4.05	4.20	3.87	3.88	4.05	4.20	3.87	3.88	
	ηs,h					-	152.4			-	152.4	
Annual energy consumption		kWh/a		2,189	3,767	4,088	4,132	2,189	3,767	4,088	4,132	
Indoor unit		FVA		71A	100A	125A	140A	71A	100A	125A	140A	
Dimensions	Unit	HeightxWidthxDepth		mm		1,850x600x270		1,850x600x270		1,850x600x350		
Weight	Unit	kg		42		50		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	14/16 /18	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	14/16 /18	22/25 /28	24/26 /28	26/28 /30
Sound power level	Cooling			dBA	55	62	63	65	55	62	63	65
Sound pressure level	Cooling	Low/High		dBA	38/43	44/50	46/51	48/53	38/43	44/50	46/51	48/53
	Heating	Nom./High		dBA	41/43	47/50	48/51	51/53	41/43	47/50	48/51	51/53
Control systems	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52									
Power supply	Phase/Frequency/Voltage		Hz/V 1~/50/60/220-240/220									
Outdoor unit		RZQG/RZQG		71L9V1	100L9V1	125L9V1	140L9V1	71L8Y1	100L8Y1	125L8Y1	140LY1	
Dimensions	Unit	HeightxWidthxDepth		mm		990x940x320		1,430x940x320		990x940x320		
Weight	Unit	kg		69.0		95.0		80.0		101.0		
Sound power level	Cooling			dBA	64.0	66.0	67.0	69.0	64.0	66.0	67.0	69.0
	Heating			dBA	64.0	66.0	67.0	69.0	64.0	66.0	67.0	69.0
Sound pressure level	Cooling	Nom.		dBA	48	50	51	52	48	50	51	52
	Heating	Nom.		dBA	50	52	53		50	52	53	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~-50.0							
	Heating	Ambient	Min.~Max.	°CWB	-20.0~-15.5							
Refrigerant	Type/GWP	R-410A/2,087.5										
	Charge	kg/TCO ₂ Eq		2.9/6.05	4.0/8.35		2.9/6.05		4.0/8.35			
Piping connections	Liquid/Gas	OD		mm		9.52/15.9						
	Piping length	OU - IU	Max.	m	50	75		50	75			
		System	Equivalent	m	70	90		70	90			
		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				3N~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)		A		25	40		16	25			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Floor standing unit

For commercial spaces with high ceilings

- › Combination with Seasonal Classic 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 + RZQSG	71A + 71L3V1	100A + 100L9V1	125A + 125L9V1	140A + 140L9V1	100A + 100L8Y1	125A + 125L8Y1	140A + 140LY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.0	13.4	9.50	12.0	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	12.0	13.4	9.50	12.0		
	SEER		5.50			5.31	5.50		5.31		
	ηs,c		-			209.3	-		209.3		
	Annual energy consumption		kWh/a	433	605	764	1,515	605	764	1,515	
Space heating (Average climate)	Energy efficiency class		A	A+	A	-	A+	A	-		
	Capacity	Pdesign	kW	6.33	7.60		11.5	7.60			
	SCOP/A		3.86	4.01	3.85	3.69	4.01	3.85	3.69		
	ηs,h		-			144.6	-		144.6		
	Annual energy consumption		kWh/a	2,297	2,654	2,764	4,350	2,654	2,764	4,350	
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			dB(A)	55	62	63	65	62	63	65
Sound pressure level	Cooling	Low/High		dB(A)	38/43	44/50	46/51	48/53	44/50	46/51	48/53
	Heating	Nom./High		dB(A)	41/43	47/50	48/51	51/53	47/50	48/51	51/53
Control systems	Wired remote control			BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52							
Power supply	Phase/Frequency/Voltage			1~/50/60/220-240/220							
Outdoor unit		RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1		
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320		990x940x320		1,430x940x320			
Weight	Unit		kg	67	72.0	74.0	95.0	82.0	101.0		
Sound power level	Cooling			dB(A)	65	70.0	69.0	70.0	69.0		
	Heating			dB(A)	-	70.0	69.0	70.0	69.0		
Sound pressure level	Cooling	Nom./Silent operation		dB(A)	49/47	53/-	54/-	53/-	54/-	53/-	
	Heating	Nom.		dB(A)	51	57	58	54	57	58	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46						
	Heating	Ambient	Min.~Max.	°CWB	-15~-15.5						
Refrigerant	Type/GWP			R-410A/2,087.5							
Piping connections	Charge		kg/CO ₂ Eq	2.75/5.7	2.9/6.05		4.0/8.35		2.9/6.05	4.0/8.35	
	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	15	30.0						
	Phase/Frequency/Voltage		Hz/V	1~/50/220-240			3N~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	20	40		20		25			

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

Concealed floor standing unit

Designed to be concealed in walls

- › Combination with split outdoor units is ideal for small retail, offices or residential applications
- › 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



Efficiency data		FNA + RXS	25A9 + 25L3	35A9 + 35L3	50A9 + 50L	60A9 + 60L		
Cooling capacity	Nom.	kW	2.60	3.40	5.00	6.00		
Heating capacity	Nom.	kW	3.20	4.00	5.80	7.00		
Space cooling	Energy efficiency class		A+					
	Capacity	Pdesign	kW	2.60	3.40	5.00	6.00	
	SEER			5.63	5.65	5.72	5.51	
	ηs,c		%	-				
	Annual energy consumption	kWh/a	162	211	306	381		
Space heating (Average climate)	Energy efficiency class		A+					
	Capacity	Pdesign	kW	2.80	2.90	4.00	4.60	
	SCOP/A			4.24	4.05	4.09	4.16	
	ηs,h		%	-				
	Annual energy consumption	kWh/a		925	1,002	1,369	1,548	
Indoor unit		FNA	25A9	35A9	50A9	60A9		
Dimensions	Unit	HeightxWidthxDepth	620 / 720 / 720x790x200			620 / 720 / 720x1,190x200		
Weight	Unit		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		56		
Sound pressure level	Cooling	Low/Nom./High	dBA		28/31/33	30/33/36		
	Heating	Low/Nom./High	dBA		28/31/33	30/33/36		
Control systems	Infrared remote control		BRC4C65					
	Wired remote control		BRC1H519W/S/K7 / BRC1E53A/B/C / BRC1D52					
Power supply	Phase/Frequency/Voltage		1~/50/60/220-240/220					
Outdoor unit		RXS	25L3	35L3	50L	60L		
Dimensions	Unit	HeightxWidthxDepth	550x765x285			735x825x300		
Weight	Unit		34			47	48	
Sound power level	Cooling	dBA		59	61	62		
	Heating	dBA		59	61	62		
Sound pressure level	Cooling	Low/High	dBA		-/46	-/48	44/48	46/49
	Heating	Low/High	dBA		-/47	-/48	45/48	46/49
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46		
	Heating	Ambient	Min.~Max.	°CWB		-15~18		
Refrigerant	Type		R-410A					
	Charge		kg/CO ₂ Eq				2,087.5	
Piping connections	Liquid	OD	mm		6.35			
	Gas	OD	mm		9.5	12.7		
	Piping length	OU - IU	Max.	m		20	30	
		System	Chargeless	m		10	-	
	Additional refrigerant charge	kg/m		0.02 (for piping length exceeding 10m)				
Level difference	IU - OU	Max.	m		15	20.0		
Power supply	Phase/Frequency/Voltage		1~/50/220-240					
Current - 50Hz	Maximum fuse amps (MFA)		A					