



Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

Κατάλογος SKY AIR



Κεντρικά Γραφεία | Ελ. Βενιζέλου 5
Έκθεση | Αριστείδου 40 & Ελ.Βενιζέλου 3
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Sky Air



Light commercial applications

Sky Air the solution for the light commercial sector

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

New Sky Air low height series	342	Products overview outdoor units	396
NEW Low sound enclosure	343	Benefits overview outdoor units	397
Why choose a Daikin Sky Air	344	Why choose SkyAir <i>A-series</i>	342
In the spotlight	346	R-32 BLUEEVOLUTION range	400
Products overview indoor units	352	RZAG-A SkyAir <i>Alpha-series</i>	400
Benefits overview indoor units	354	RZAG-NV1/NY1 SkyAir <i>Alpha-series</i>	400
Ceiling mounted cassettes	358	RZASG-MV1/MY1 SkyAir <i>Advance-series</i>	401
UNIQUE FCAHG-H	361	RZA-D SkyAir <i>Advance-series</i>	402
UNIQUE FCAG-B	362	ARXM-R/AZAS-MV1/MY1 SkyAir <i>Active-series</i>	403
UNIQUE FFA-A9	368	Why choose Daikin Rooftop series	404
Concealed ceiling units	370	NEW UATYA-BBAY1	406
UNIQUE Auto cleaning filter for concealed ceiling units	370	NEW UATYA-BFC2Y1	406
Multi zoning kit	371	NEW UATYA-BFC3Y1	407
FDXM-F9	372	NEW UATYA-BRS4	407
FBA-A(9)	374	Options & Accessories	410
FDA125A	378		
NEW FDA200-250A	379		
ADEA-A	380		
Wall mounted units	381		
FAA-A	381		
NEW FTXM-R	384		
Ceiling suspended units	385		
FHA-A(9)	385		
UNIQUE FUA-A	388		
Floor standing units	390		
FVA-A	390		
Concealed floor standing units	392		
FNA-A9	392		

SkyAir Advance-series

SkyAir Alpha-series

Low height.
High value.



✓ Unique, low-height single fan range

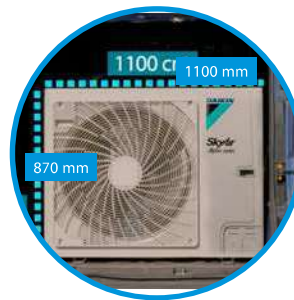


SkyAir Alpha-series
RZAG71-100-125-140NV1/NY1



SkyAir Advance-series
RZA200-250D

✓ Compact unit, easy to transport



✓ Market-leading serviceability and handling



Fast and easy access to all critical component

- › Single screw access
- › Wider access area



Newly positioned handle for easier carrying

Sssssttttt...
something new is coming!


-10dB(A)!



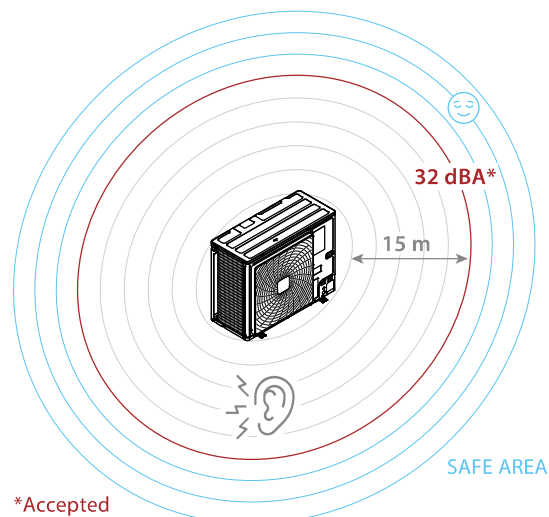
Daikin Sound enclosure for Sky Air Alpha-series

EKLN140A

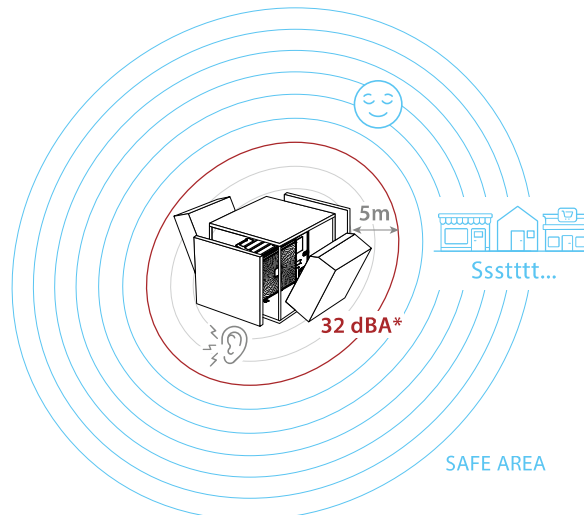
- ✓ **Dedicated Daikin option for Sky-Air Alpha-series RZAG71-140N***
- ✓ **Fully optimized and tested in Daikin Factory**
 - › Guaranteed and published performances (sound, capacity, efficiency)
- ✓ **Outdoor unit sound reduction up to -10 dB(A) on Sound Power values**
 - › Enabling to meet local sound requirements
 - › Increased flexibility to apply Sky Air Alpha-series
 - › Reduces sound on the entire sound spectrum/ spectra
- ✓ **Very low capacity and pressure drop**
 - › Separated air intake and discharge to prevent short circuit
 - › No additional calculations needed thanks to officially tested data
- ✓ **Easy to integrate**
 - › Anthracite (RAL 7016), high aesthetic finishing
 - › Mechanically designed to perfectly suit the RZAG*N casing
 - › Self-supporting, can be installed on any flat surface
- ✓ **Fast & easy installation & servicing**
 - › 100% weather resistant
 - › Easy opening to reach unit



Without sound-insulating housing



With sound-insulating housing



*Accepted sound value

based on RZAG71N series

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 342



System	Type	Model	Product name	35	50	60	71	100	125	140	200	250	
Air cooled	Heat pump	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									
		SkyAir Advance-series - Technology and comfort combined for commercial applications - Very compact and easy to install outdoor units - Maximum piping length up to 50m (RZA-D up to 100m) - Replacement technology - Operation range down to -15°C both cooling and in heating (RZA-D down to -20°C) - Pair, twin, triple and double twin application	R-32 A+ (A+++ - D)	RZASG-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									
				3.5 kW	5.0 kW	6.0 kW	6.8 kW	9.5 kW	12.1 kW	13.4 kW	21.5 kW	23.6 kW	

Full indoor line up

(over 45 different models)



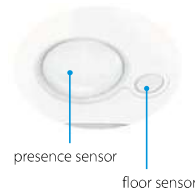
2 High energy efficiency

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



3 Best comfort

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



bottom plate refrigerant pass

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

Madoka

6 Superior aesthetics

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



7 Unique installation benefits

- › **4-way blow ceiling suspended cassette (FUA)** for rooms without false ceiling.
- › Plug & play Daikin air handling unit with ERQ condensing units
- › 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

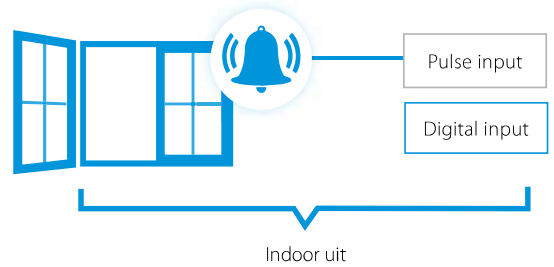
Intelligent Tablet Controller

Intelligent Tablet Controller

- › User-friendly touch screen to centrally control your A/C and alarms
- › Integrate third party equipment via pulse or digital input
- › Connects to the Daikin Cloud Service



AL-CCD07-VESA



More details
on page 804

Daikin Cloud Service



Cloud-based remote control and monitoring solution for DX systems

Remote control and energy visualisation

Puts you in the driving seat of your energy management

* Remote Control function via Daikin Cloud Service only available for sites with an Intelligent Tablet controller

Remote support and diagnostics

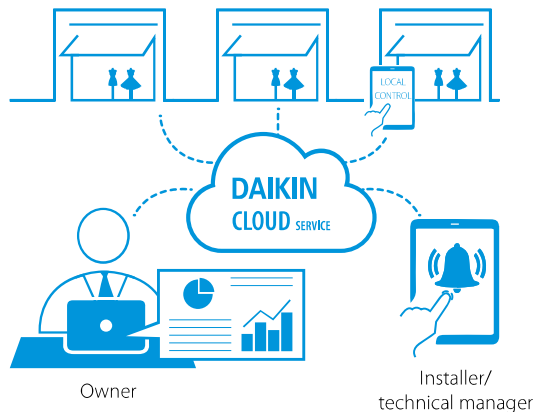
Daikin specialist supervision, so you can focus on your core business

Advice and optimisation

Get the best out of your system through expert advice

Multi-site monitoring

From one to an ∞ number of sites



Compatible with:

- › intelligent Tablet Controller (DCC601A51)
- › intelligent Touch manager (DCM601A51) + IoT gateway
- › LC8 + IoT gateway



Clear dashboard overview

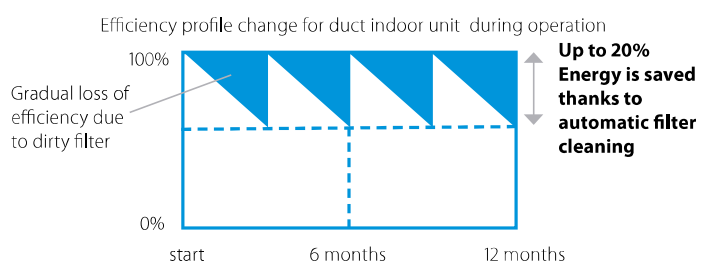


Auto cleaning technology



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

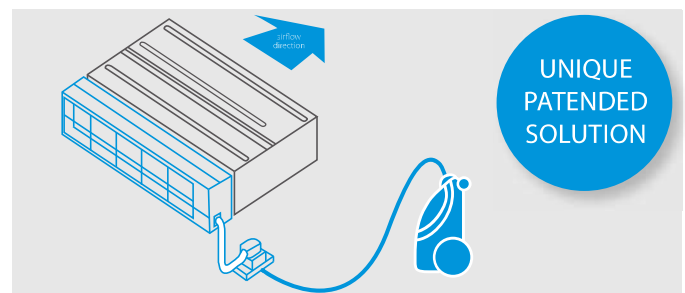
Improved indoor air quality

- › 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 370

Combination table

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

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 358

		Sky Air		VRV
		FCAG-B	FCAHG-H	FXFA-A/ FXFQ-B
BYCQ140EGF	<input type="checkbox"/>	•	•	•
BYCQ140EGFB	<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.

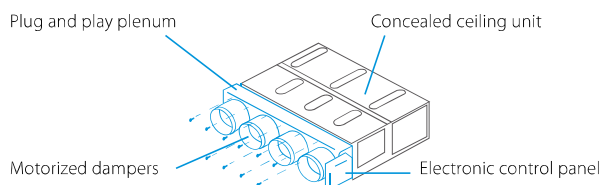
Benefits

Increased comfort

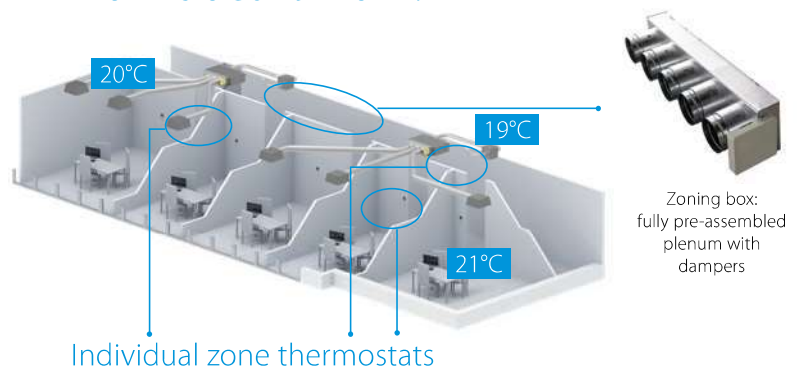
- › Increases comfort levels by allowing more individual zone control
 - Up to 8 individual zones can be served thanks to separate modulating dampers
 - Individual thermostat for room-by-room or zone-by-zone control

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?



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

			SkyAir												VRV																							
			FDXM-F9				FBA-A(9)				ADEA-A				FXDA-A/FXDQ-A3						FXSA-A/FXSQ-A																	
Number of motorised dampers	Reference	Dimensions H x W x D (mm)	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																																				
	AZEZ6DAISL01L5	210 x 1,140 x 444																																				

For more information on options refer to page 797

Infrastructure cooling



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.
 - › Reduces mechanical cooling and energy consumption with the free cooling option for single phase systems

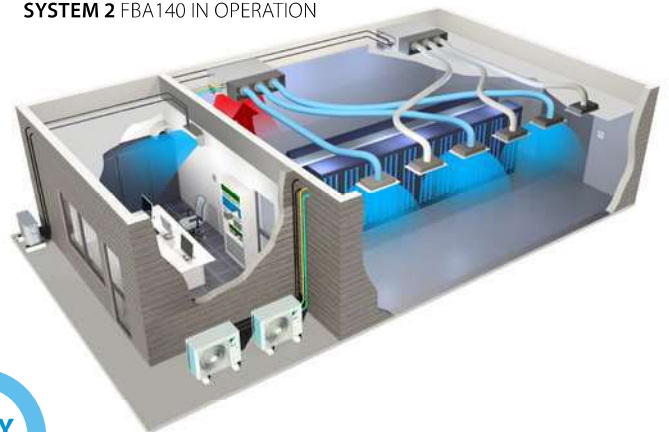
FLEXIBLE

- › 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



BRCIH* or BRCIE*
 Standard includes duty rotation functionality



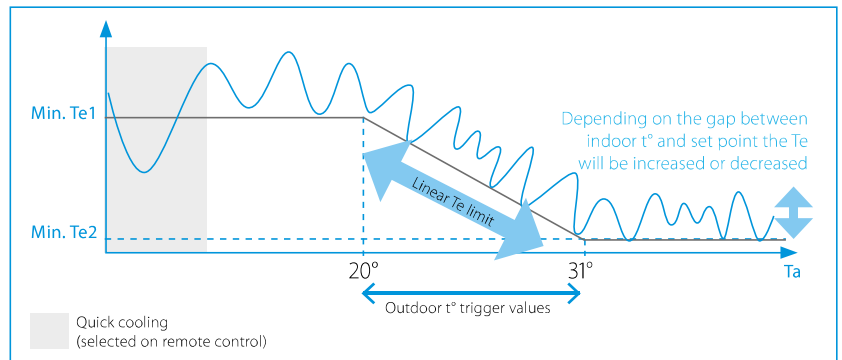
Variable Refrigerant Temperature



The ultimate customer experience

- ✓ Increases air discharge temperature and eliminates cold drafts!
- ✓ Increased customer comfort and reduced energy consumption!

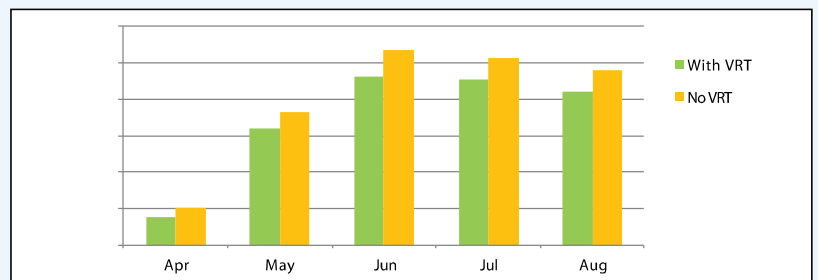
› The system automatically increases its evaporating temperature (T_e) when the gap between the actual indoor temperature (T_{in}) and the setpoint (T_{set}) is becoming smaller, increasing comfort and providing more stable operation



Case study: JBC, Vilvoorde

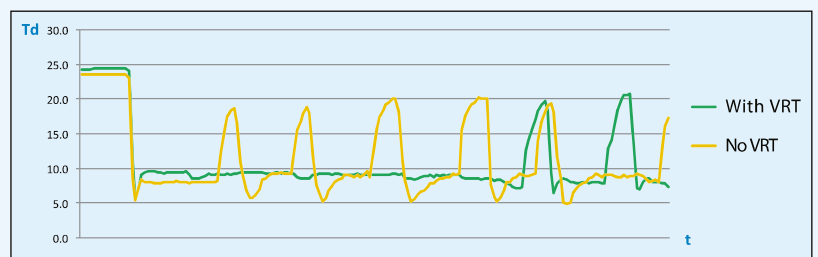
- ✓ Two pair systems are installed in the same zone allowing comparison
- ✓ More energy efficient: up to 20% lower energy consumption

Average energy consumption over 5 months of operation



- ✓ Improved comfort: higher discharge temperatures

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



Replacement technology

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

Benefits to increase your profit Optimise your business

Less installation time

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

Lower installation costs

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

Replace non-Daikin systems

NON DAIKIN **DAIKIN**

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

Easy as one-two-three

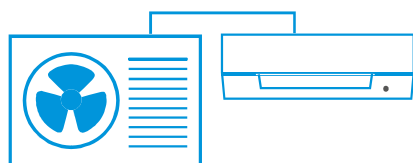
A simple solution for replacement technology enables you to handle more projects for more customers in less time and offer them the best price! Everybody gains.

How does it work?

The Daikin low-cost upgrade solution

! Replace indoor units

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



✓ Replace outdoor units

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

The benefits will convince your customer

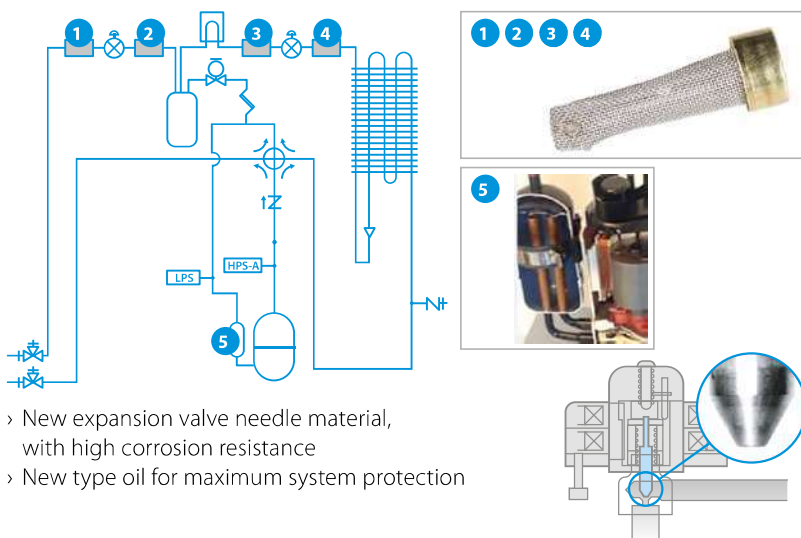
- ✓ To prevent unexpected breakdown
- ✓ To lower running costs
- ✓ To protect the environment
- ✓ To improve comfort

Your copper pipes will last for multiple generations

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










Unique technologies

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



- › New expansion valve needle material, with high corrosion resistance
- › New type oil for maximum system protection

Product overview *SkyAir*

Type	Model	Product name	PG		
Ceiling mounted cassette	UNIQUE High COP, Round flow cassette	FCAHG-H	361	 <p>360° air discharge for the highest efficiency and comfort</p> <ul style="list-style-type: none"> - 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	FCAG-B	362	 <p>360° air discharge for the highest efficiency and comfort</p> <ul style="list-style-type: none"> - 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	368	 <p>Unique design in the market that integrates fully flat into the ceiling</p> <ul style="list-style-type: none"> - 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	FDXM-F9	372	 <p>Slim design for flexible installation</p> <ul style="list-style-type: none"> - 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	FBA-A(9)	374	 <p>Slimmest yet most powerful medium static pressure unit on the market!</p> <ul style="list-style-type: none"> - 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	FDA125A	378	 <p>ESP up to 200Pa, ideal for large sized buildings</p> <ul style="list-style-type: none"> - 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
			FDA200-250A	379	 <p>ESP up to 250Pa, ideal for extra large sized spaces</p> <ul style="list-style-type: none"> - 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
	Concealed ceiling unit	ADEA-A	380	 <p>Ideal for residential applications with false ceilings</p> <ul style="list-style-type: none"> - 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 	
Wall mounted	Wall mounted unit	FAA-A	381	 <p>For rooms with no false ceilings nor free floor space</p> <ul style="list-style-type: none"> - 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-R	384	 <p>For rooms with no false ceilings nor free floor space</p> <ul style="list-style-type: none"> - Practically inaudible - 2 area motion detection sensor - Flash streamer technology - 3D air flow 	
Ceiling suspended	Ceiling suspended unit	FHA-A(9)	385	 <p>For wide rooms with no false ceilings nor free floor space</p> <ul style="list-style-type: none"> - 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	388	 <p>Unique Daikin unit for high rooms with no false ceilings nor free floor space</p> <ul style="list-style-type: none"> - 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 	
Floor standing	Floor standing unit	FVA-A	390	 <p>For spaces with high ceilings</p> <ul style="list-style-type: none"> - 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	392	 <p>Designed to be concealed in walls, only grilles remain visible</p> <ul style="list-style-type: none"> - 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 BLUEEVOLUTION line up

Indoor units

FULL
single fan
range

Capacity class										Outdoor unit combination					
25	35	50	60	71	100	125	140	200	250	R-32					
										SkyAir Alpha-series		SkyAir Advance-series		SkyAir Active-series	
										RZAG-A	RZAG- NV1/NY1	RZASG*	RZA-D	ARXM*/ AZAS*	
				•	•	•	•					✓			
	•	•	•	•	•	•	•				✓	✓	✓	✓	✓
•	•	•	•								✓	✓	✓	✓	
•	•	•	•								✓	✓	✓	✓	
	•	•	•	•	•	•	•				✓	✓	✓	✓	✓
						•						✓	✓	✓	
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				•	•	•									✓
				•	•							✓	✓	✓	✓
	•	•	•								✓				
	•	•	•	•	•	•	•				✓	✓	✓	✓	
				•	•	•	•					✓	✓	✓	
				•	•	•	•					✓	✓	✓	
•	•	•	•								✓	✓	✓	✓	

INTRODUCTION

AIR PURIFIER

HEATING

SPLIT

SKY AIR

VRV

VENTILATION & BID-
DEAR CURTAINS

MARINE TYPES

CHILLERS




FAN COIL UNITS

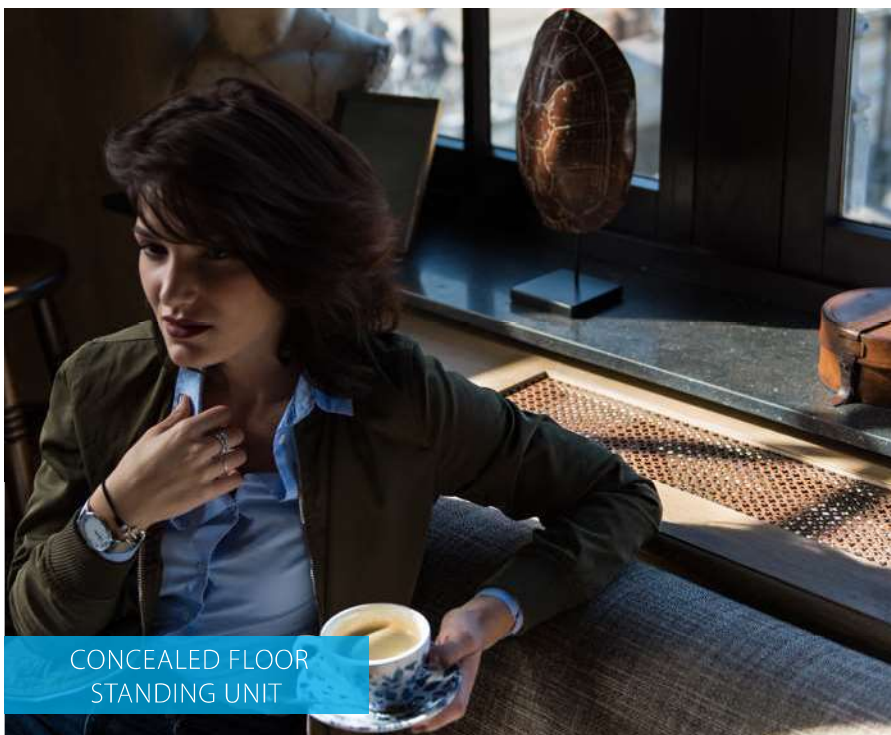
AIR HANDLING
UNITS

REFRIGERATION

CONTROL
SYSTEMS

Benefit overview

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.





WALL MOUNTED UNIT



CEILING SUSPENDED UNIT



ROUND FLOW CASSETTE, DESIGNER PANEL

Round flow cassette

360° air discharge for improved comfort

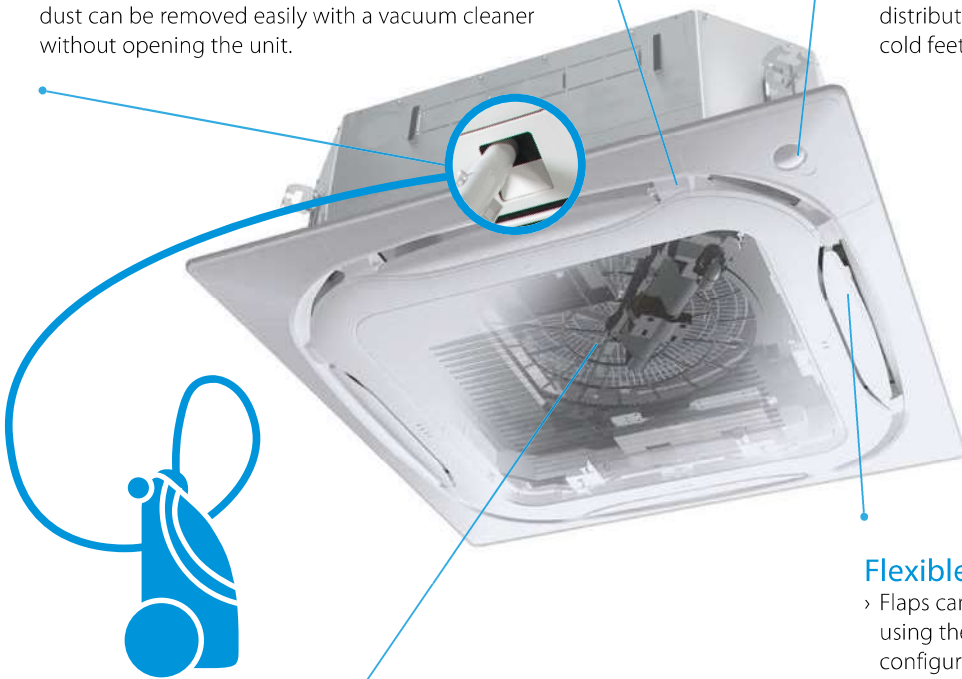
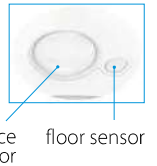
- › Industry-first and proven design.
- › Wider flaps to even further improve equal temperature distribution

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.



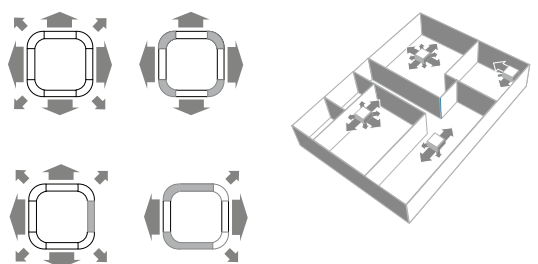
Flexible installation

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

Auto cleaning filter

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

* Available as an option



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



BYCQ140EGF
White auto cleaning panel



BYCQ140EGFB
Black auto cleaning panel

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

- > Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- > High COP cassette ensures top performance and great energy savings
- > Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter
- > Two optional intelligent sensors improve energy efficiency and comfort
- > Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- > Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- > Bigger flaps and unique swing pattern improve equal air distribution
- > 5 different fan speeds available for maximum comfort
- > Optional fresh air intake
- > Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- > Standard drain pump with 675mm lift increases flexibility and installation speed



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 (1)	9.50 (1)	12.1 (1)	13.4 (1)	6.80 (1)	9.50 (1)	12.1 (1)	13.4 (1)											
	Nom.	kW	7.50 (2)	10.8 (2)	13.5 (2)	15.5 (2)	7.50 (2)	10.8 (2)	13.5 (2)	15.5 (2)											
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			7.90	7.70	8.02	7.93	7.90	7.70	8.02	7.93										
	ηs,c		%	-	-	318	314	-	-	318	314										
Space heating (Average climate)	Energy efficiency class		A++		-		A+		A++												
	Capacity	Pdesign	kW	4.70	-	9.52	4.70	-	9.52	-											
	SCOP/A			4.61	4.75	4.53	4.44	4.56	4.75	4.53	4.44										
	ηs,h		%	-	-	178	175	-	-	178	175										
Annual energy consumption		kWh/a	301	432	905	1,014	301	432	905	1,014											
Annual energy consumption		kWh/a	1,427	2,805	2,943	3,002	1,443	2,805	2,943	3,002											
Indoor unit		FCAHG	71H	100H	125H	140H	71H	100H	125H	140H											
Dimensions	Unit	HeightxWidthxDepth	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	HeightxWidthxDepth	mm																		
	Weight		kg																		
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min		13.7/18.8/23.6		19.1/25.7/32.2		21.2/27.3/34.4		13.7/18.8/23.6		19.1/25.7/32.2		21.2/27.3/34.4					
		Heating	Low/Medium/High	m³/min		13.7/18.8/23.6		18.3/24.6/30.8		19.7/25.5/32.1		13.7/18.8/23.6		18.3/24.6/30.8		19.7/25.5/32.1					
Sound power level	Cooling			dBA		53.0		61.0		53.0		61.0		53.0		61.0					
	Heating			dBA		53.0		61.0		53.0		61.0		53.0		61.0					
Sound pressure level	Cooling	Low/Medium/High		dBA		29.0/33.0/36.0		33.0/39.0/44.0		35.0/40.0/45.0		37.0/41.0/45.0		29.0/33.0/36.0		33.0/39.0/44.0		35.0/40.0/45.0		37.0/41.0/45.0	
	Heating	Low/Medium/High		dBA		29.0/33.0/36.0		33.0/39.0/44.0		35.0/40.0/45.0		37.0/41.0/45.0		29.0/33.0/36.0		33.0/39.0/44.0		35.0/40.0/45.0		37.0/41.0/45.0	
Control systems	Infrared remote control		BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB																		
	Wired remote control		BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52																		
Power supply	Phase/Frequency/Voltage		Hz/V																		
			1~/50/60/220-240/220																		
Outdoor unit		RZAG	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1											
Dimensions	Unit	HeightxWidthxDepth	mm																		
Weight	Unit		kg																		
Sound power level	Cooling		dBA		64		66		69		70		64		66		69		70		
	Heating		dBA		-		68		71		-		68		71		68		71		
Sound pressure level	Cooling	Nom.	dBA		46		47		49		50		46		47		49		50		
	Heating	Nom.	dBA		48		50		52		48		50		52		48		50		
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-20~52		-20~52		-20~52		-20~52		-20~52		-20~52		-20~52			
	Heating	Ambient	Min.~Max.	°CWB		-20~18		-20~18		-20~18		-20~18		-20~18		-20~18		-20~18			
Refrigerant	Type/GWP		R-32/675																		
	Charge		kg/TCO2Eq		3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50						
Piping connections	Liquid/ Gas	OD	mm																		
	Piping length	OU - IU	Max.	m		55		85		55		85		55		85					
	System	Equivalent	m		75		100		75		100		75		100						
		Chargeless	m		40		40		40		40		40		40						
		Additional refrigerant charge	kg/m		See installation manual		See installation manual		See installation manual		See installation manual		See installation manual		See installation manual						
		Level difference	m		30		30		30		30		30		30						
Power supply	Phase/Frequency/Voltage		Hz/V																		
			1~/50/220-240																		
Current - 50Hz	Maximum fuse amps (MFA)	A	20		32		32		16		16		16		16						

Contains fluorinated greenhouse gases



Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- › Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Lowest installation height in the market: 214mm for class 20-63
- › Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- › Bigger flaps and unique swing pattern improve equal air distribution
- › 5 different fan speeds available for maximum comfort
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed



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

Indoor unit		FCAG	35B	50B	60B	71B	100B	125B	140B	71B	100B	125B	140B
Dimensions	Unit	HeightxWidthxDepth	204x840x840				246x840x840			204x840x840		246x840x840	
Weight	Unit	kg	18	19	21	23			21	23			
Air filter	Type		Resin net										
Decoration panel	Model		Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black										
	Dimensions	HeightxWidthxDepth	65x950x950x148x950x950x106x950x950										
	Weight	kg	5.5/10.3/6.5										
Fan	Air flow rate	Cooling Low/Medium/High	8.8/10.6/12.9	9.4/11.8/14.6	9.6/12.2/14.9	10.8/13.0/15.1	13.0/17.8/22.7	13.1/20.4/27.2	10.8/13.0/15.1	13.0/17.8/22.7	13.1/20.4/27.2	13.1/20.4/27.2	
		Heating Low/Medium/High	9.4/11.6/14.1	9.4/11.8/14.6	9.6/12.2/14.9	10.8/12.9/15.1	13.2/18.1/23.0	13.0/20.2/27.0	10.8/12.9/15.1	13.2/18.1/23.0	13.0/20.2/27.0		
Sound power level	Cooling	dBA	49.0	49.0	51.0	51.0	54.0	58.0	51.0	54.0	58.0		
	Heating	dBA	49.0	49.0	51.0	51.0	54.0	58.0	51.0	54.0	58.0		
Sound pressure level	Cooling	Low/Medium/High	27.0/29.0/31.0	28.0/31.0/33.0	28.0/31.0/35.0	29.0/33.0/37.0	29.0/35.0/41.0	28.0/31.0/35.0	29.0/33.0/37.0	29.0/35.0/41.0			
	Heating	Low/Medium/High	27.0/29.0/31.0	28.0/31.0/33.0	28.0/31.0/33.0	29.0/33.0/37.0	29.0/35.0/41.0	28.0/31.0/33.0	29.0/33.0/37.0	29.0/35.0/41.0			
Control systems	Infrared remote control		BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB										
	Wired remote control		BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52										
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220										

Outdoor unit		RZAG	35A	50A	60A	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1	
Dimensions	Unit	HeightxWidthxDepth	734x870x373				870x1,100x460							
Weight	Unit	kg	52				81	85	95		81	85	94	
Sound power level	Cooling	dBA	62.0	63.0	64.0		66	69	70	64	66	69	70	
	Heating	dBA	62.0	63.0	64.0	-	68	71	-	68	71			
Sound pressure level	Cooling	Nom.	dBA	48.0	49.0	50.0	46	47	49	50	46	47	49	50
	Heating	Nom.	dBA	48.0	49.0	50.0	48	50	52	48	50	52		
Operation range	Cooling	Ambient	Min.~Max.	-20~-52				-20~-52						
	Heating	Ambient	Min.~Max.	-20~-24				-20~-18						
Refrigerant	Type/GWP		R-32/675.0				R-32/675							
	Charge	kg/TCO2Eq	1.55/1.05				3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50	
Piping connections	Liquid/Gas OD	mm	6.4/9.50		6.4/12.7		-			9.52/15.9				
	Piping length	OU - IU Max. System Equivalent Chargeless	m		50		m		75		m		85	
	Additional refrigerant charge	kg/m	0.02 (for piping length exceeding 30m)				See installation manual							
	Level difference	IU - OU Max.	m				30.0							
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240								3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)	A	16	16	20	20	32		16					

Contains fluorinated greenhouse gases



Round flow cassette

360° air discharge for optimum efficiency and comfort

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



Efficiency data		FCAG + RZASG	71B + 71MV1	100B + 100MV1	125B + 125MV1	140B + 140MV1	100B + 100MY1	125B + 125MY1	140B + 140MY1	
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5	
Space cooling	Energy efficiency class		A++			-		A++		-
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4
	SEER		6.47	6.55	5.76	6.53	6.55	5.76	6.53	
	ηs,c		%	-	-	227	258	-	227	258
Space heating (Average climate)	Annual energy consumption		kWh/a	368	507	1,261	1,231	507	1,261	1,231
	Energy efficiency class			A+			A+		-	
	Capacity	Pdesign	kW	4.50	6.00	7.80	6.00	7.80	7.80	
	SCOP/A		4.10	4.17	4.05	4.31	4.17	4.05	4.31	
	ηs,h		%	-	159	169	-	159	169	
Annual energy consumption		kWh/a	1,537	2,016	2,074	2,534	2,016	2,074	2,534	

Indoor unit		FCAG	71B	100B	125B	140B	100B	125B	140B
Dimensions	Unit	HeightxWidthxDepth	204x840x840		246x840x840				
Weight	Unit	kg	21	23					
Air filter	Type		Resin net						
Decoration panel	Model		Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black						
	Dimensions	HeightxWidthxDepth	65x950x950x148x950x148x950x106x950x950						
Fan	Weight	kg	5.5/10.3/6.5						
	Air flow rate	Cooling Low/Medium/High	m³/min	10.8/13.0/15.1	13.0/17.8/22.7	13.1/20.4/27.2	13.0/17.8/22.7	13.1/20.4/27.2	13.0/20.2/27.0
Sound power level	Heating	Low/Medium/High	m³/min	10.8/12.9/15.1	13.2/18.1/23.0	13.0/20.2/27.0	13.2/18.1/23.0	13.0/20.2/27.0	13.0/20.2/27.0
	Cooling		dBA	51.0	54.0	58.0	54.0	58.0	58.0
Sound pressure level	Heating		dBA	51.0	54.0	58.0	54.0	58.0	58.0
	Cooling	Low/Medium/High	dBA	28.0/31.0/35.0	29.0/33.0/37.0	29.0/35.0/41.0	29.0/33.0/37.0	29.0/35.0/41.0	29.0/35.0/41.0
Control systems	Heating	Low/Medium/High	dBA	28.0/31.0/33.0	29.0/33.0/37.0	29.0/35.0/41.0	29.0/33.0/37.0	29.0/35.0/41.0	29.0/35.0/41.0
	Infrared remote control		BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB						
Wired remote control		BRC1H52W/S/K / BRC1E53A/B/B / BRC1D52							
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220						

Outdoor unit		RZASG	71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1
Dimensions	Unit	HeightxWidthxDepth	770x900x320		990x940x320				
Weight	Unit	kg	60	70	78	70	77		
Sound power level	Cooling		dBA	65	70	71	73	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	57	54	
Operation range	Cooling	Ambient	Min.~Max.	-15~-46					
	Heating	Ambient	Min.~Max.	-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.	50					
	System	Equivalent	m	70					
	Chargeless		m	30					
	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	25	32	16			

Contains fluorinated greenhouse gases



Round flow cassette

360° air discharge for optimum efficiency and comfort

- > Ideal solution for small businesses and shops
- > Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter
- > Two optional intelligent sensors improve energy efficiency and comfort
- > Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- > Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- > Bigger flaps and unique swing pattern improve equal air distribution
- > 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	71B + ARXM71R	100B + AZAS100MV1	125B + AZAS125MV1	140B + AZAS140MV1	100B + AZAS100MY1	125B + AZAS125MY1	140B + AZAS140MY1	
Cooling capacity	Nom./Max.	kW		6.80/7.05	9.50	12.1	13.4	9.50	12.1	13.4	
Heating capacity	Nom./Max.	kW		7.50/7.58	10.8	13.5	15.5	10.8	13.5	15.5	
Space cooling	Energy efficiency class			A+				A+			
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.0	9.50	12.1	13.0	
	SEER			5.87	5.67	5.40	6.00	5.67	5.40	6.00	
	ηs,c		%	-	-	213	237	-	213	237	
Space heating (Average climate)	Annual energy consumption	kWh/a		405	586	1,345	1,300	586	1,345	1,300	
	Energy efficiency class			A+				A			
	Capacity	Pdesign	kW	4.50	6.00		7.80	6.00		7.80	
	SCOP/A			4.00	3.85	3.80	4.31	3.85	3.80	4.31	
	ηs,h		%	-	-	149	169	-	149	169	
Annual energy consumption		kWh/a		1,573	2,182	2,211	2,534	2,182	2,211	2,534	
Indoor unit			FCAG	71B	100B	125B	140B	100B	125B	140B	
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		246x840x840					
Weight	Unit		kg	21		23					
Air filter	Type			Resin net		Resin net					
Decoration panel	Model			Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black							
	Dimensions	HeightxWidthxDepth	mm	65x950x950x148x950x950x106x950x950							
	Weight		kg	5.5/10.3/6.5							
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	10.8/13.0/15.1	13.0/17.8/22.7	13.1/20.4/27.2	13.0/17.8/22.7	13.1/20.4/27.2		
		Heating	Low/Medium/High	m³/min	10.8/12.9/15.1	13.2/18.1/23.0	13.0/20.2/27.0	13.2/18.1/23.0	13.0/20.2/27.0		
Sound power level	Cooling			dBA	51.0	54.0	58.0	54.0	58.0		
				dBA	51.0	54.0	58.0	54.0	58.0		
Sound pressure level	Cooling	Low/High	dBA		28.0/35.0	29.0/37.0	29.0/41.0	29.0/37.0	29.0/41.0		
		Heating	dBA		28.0/33.0	29.0/37.0	29.0/41.0	29.0/37.0	29.0/41.0		
Control systems	Infrared remote control		BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB								
	Wired remote control		BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52								
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220							
Outdoor unit			ARXM71R	AZAS100MV1	AZAS125MV1	AZAS140MV1	AZAS100MY1	AZAS125MY1	AZAS140MY1		
Dimensions	Unit	HeightxWidthxDepth	mm	734x870x373		990x940x320					
Weight	Unit		kg	50.0		70	78	70	77		
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	30						
		System	Equivalent	m	50						
		Chargeless		m	30						
	Additional refrigerant charge		kg/m	0.035 <small>(for piping length exceeding 10m)</small>	See installation manual						
	Level difference	IU - OU	Max.	m	20.0		30.0				
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240					3~/50/380-415		
Current -50Hz	Maximum fuse amps (MFA)		A	16	25	32		16			



Round flow cassette

360° air discharge for optimum efficiency and comfort

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Efficiency data		FCAG + RXM	35B + 35R	50B + 50R	60B + 60R	
Cooling capacity	Nom.	kW	3.50	5.00	5.70	
Heating capacity	Nom.	kW	4.20	6.00	7.00	
Space cooling	Energy efficiency class			A++		
	Capacity	Pdesign kW	3.50	5.00	5.70	
	SEER		6.35	6.54	6.40	
	ηs,c	%		-		
Space heating (Average climate)	Annual energy consumption		kWh/a	193	266	312
	Energy efficiency class			A++		A+
	Capacity	Pdesign kW	3.32	4.36	4.71	
	SCOP/A		4.90	4.30	4.20	
	ηs,h	%		-		
Annual energy consumption		kWh/a	948	1,419	1,569	
Indoor unit		FCAG	35B	50B	60B	
Dimensions	Unit	HeightxWidthxDepth mm	204x840x840			
Weight	Unit	kg	18	19		
Air filter	Type		Resin net			
Decoration panel	Model		Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black			
	Dimensions	HeightxWidthxDepth mm	65x950x950x148x950x950x106x950x950			
	Weight	kg	5.5/10.3/6.5			
Fan	Air flow rate	Cooling Low/Medium/High	m³/min	8.8/10.6/12.9	9.4/11.8/14.6	9.6/12.2/14.9
		Heating Low/Medium/High	m³/min	9.4/11.6/14.1	9.4/11.8/14.6	9.6/12.2/14.9
Sound power level	Cooling		dB(A)	49.0		51.0
	Heating		dB(A)	49.0		51.0
Sound pressure level	Cooling	Low/High	dB(A)	27.0/31.0		28.0/33.0
	Heating	Low/High	dB(A)	27.0/31.0		28.0/33.0
Control systems	Infrared remote control		BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB			
	Wired remote control		BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52			
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220		
Outdoor unit		RXM	35R	50R	60R	
Dimensions	Unit	HeightxWidthxDepth mm	550x765x285	734x870x373		
Weight	Unit	kg	32	50		
Sound power level	Cooling		dB(A)	61	62	63
	Heating		dB(A)	61	62	63
Sound pressure level	Cooling	Nom.	dB(A)	49	48	
	Heating	Nom.	dB(A)		49	
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~50		
	Heating	Ambient Min.~Max.	°CWB	-20~24		
Refrigerant	Type			R-32		
	GWP			675		
	Charge	kg/TCO2Eq	0.76/0.52	1.15/0.78		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52	12.7	
	Piping length	OU - IU	Max.	m	20	
		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*).

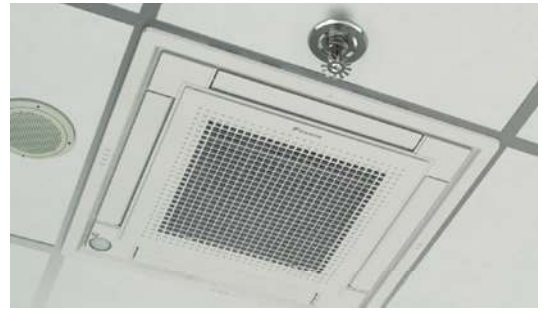
Benefits for the end user

- > 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

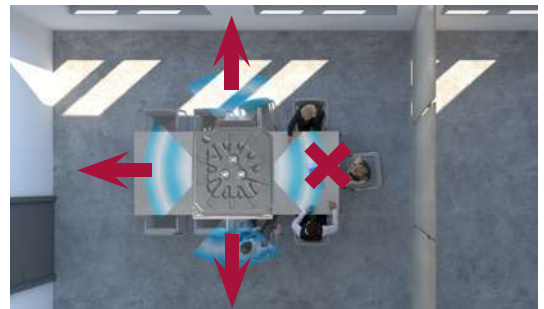
- › Detects the temperature difference and re-directs the airflow to ensure even temperature distribution.



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 ensures best in class quality, highest efficiency and performance
- > Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- > Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- > Two optional intelligent sensors improve energy efficiency and comfort
- > Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- > Optional fresh air intake
- > Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- > Standard drain pump with 630mm lift increases flexibility and installation speed



Efficiency data		FFA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A	
Cooling capacity	Min./Nom./Max.	kW	1.6 /3.5 /4.5	1.7 /5.0 /6.0	1.7 /6.0 /6.5	
Heating capacity	Min./Nom./Max.	kW	1.40 /4.00 /5.00	1.50 /5.80 /6.00	1.60 /7.00 /7.50	
Space cooling	Energy efficiency class		A++		A+	
	Capacity	Pdesign	kW	3.50	5.00	6.00
	SEER		6.40	6.30	5.80	
	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	
	Annual energy consumption		kWh/a	1,546	1,501	1,558

Indoor unit		FFA	35A9	50A9	60A9		
Dimensions	Unit	HeightxWidthxDepth	mm				
Weight	Unit		16.0	17.5			
Air filter	Type		Resin net				
Decoration panel	Model		BYFQ60C2W1W / BYFQ60C2W1S / BYFQ60B2W1 / BYFQ60B3W1				
	Colour		White (N9.5)/SILVER/White (RAL9010)/WHITE (RAL9010)				
	Dimensions	HeightxWidthxDepth	mm				
	Weight		kg				
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	6.5 /8.5 /10.0	8.6 /10.9 /12.7	9.5 /12.5 /14.5
		Heating	Low/Medium/High	m ³ /min	6.5 /8.5 /10.0	8.6 /10.9 /12.7	9.5 /12.5 /14.5
Sound power level	Cooling		51.0	56.0	60.0		
Sound pressure level	Cooling	Low/Medium/High	dBA	25.0 /30.5 /34.0	27.0 /34.0 /39.0	32.0 /40.0 /43.0	
	Heating	Low/Medium/High	dBA	25.0 /30.5 /34.0	27.0 /34.0 /39.0	32.0 /40.0 /43.0	
Control systems	Infrared remote control		BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel)				
	Wired remote control		BRC1H52W/K/S / 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			
Weight	Unit		kg			
Sound power level	Cooling		62.0	63.0	64.0	
	Heating		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		
	Heating	Ambient	Min.-Max.	°CWB		
Refrigerant	Type/GWP		R-32/675.0			
	Charge		kg/TCO2Eq			
Piping connections	Liquid/ Gas	OD	mm		6.4/9.50	6.4/12.7
	Piping length	OU - IU	Max.	m		50
		System	Chargeless	m		30
	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	16	16	20	

Contains fluorinated greenhouse gases

Fully flat cassette

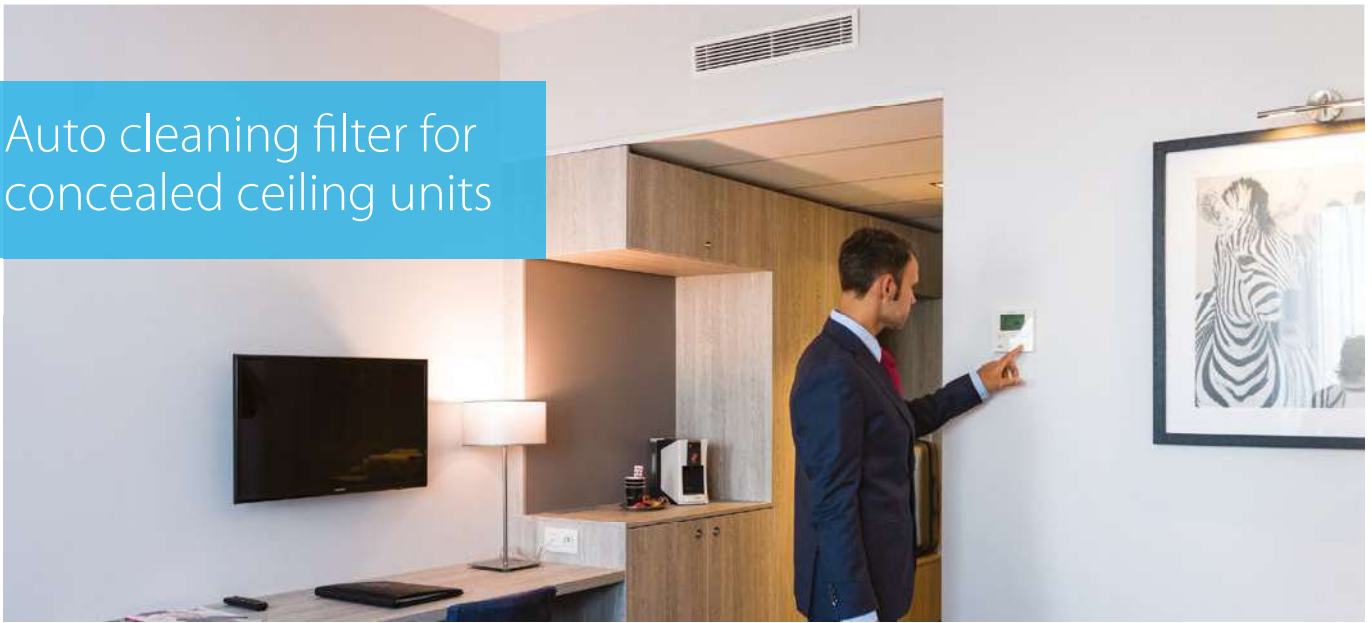
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Efficiency data		FFA + RXM	25A9 + 25R	35A9 + 35R	50A9 + 50R	60A9 + 60R		
Cooling capacity	Nom.	kW	2.50	3.40	5.00	5.70		
Heating capacity	Nom.	kW	3.20	4.20	5.80	7.00		
Space cooling	Energy efficiency class		A++		A+			
	Capacity	Pdesign	kW	2.50	3.40	5.00	5.70	
	SEER		6.17	6.38	5.98	5.76		
	ηs,c		%					
	Annual energy consumption		kWh/a	142	186	292	347	
Space heating (Average climate)	Energy efficiency class		A+		A			
	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	Model		BYFQ60C2W1W / BYFQ60C2W1S / BYFQ60B2W1 / BYFQ60B3W1					
	Colour		White (N9.5)/SILVER/White (RAL9010)/WHITE (RAL9010)					
	Dimensions	HeightxWidthxDepth	mm					
	Weight		kg					
Fan	Air flow	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
	rate	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		BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52					
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240					
Outdoor unit		RXM	25R	35R	50R	60R		
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			-10~-50	
	Heating	Ambient	Min.~Max.	°CWB			-20~-24	
Refrigerant	Type		R-32					
	GWP		675					
	Charge		kg/TCO2Eq	0.76/0.52		1.15/0.78		
Piping connections	Liquid	OD	mm	6.35				
	Gas	OD	mm	9.52		12.7		
	Piping length	OU - IU	Max.	20		30		
	System	Chargeless	m	10				
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)				
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240					
Current - 50Hz	Maximum fuse amps (MFA)	A	-					

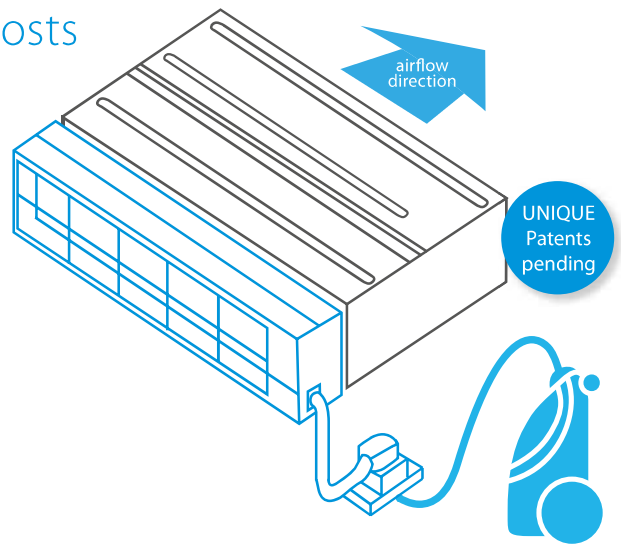
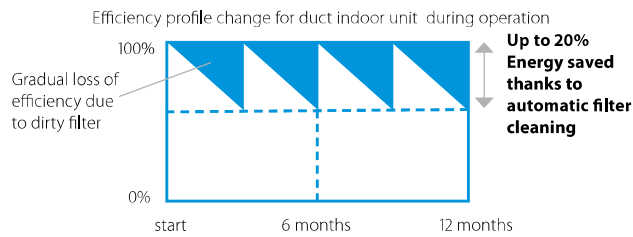
Auto cleaning filter for concealed ceiling units



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				FXDA-A/FXDQ-A3						
	25	35	50	60	15	20	25	32	40	50	63
BAE20A62	•	•			•	•	•	•			
BAE20A82									•	•	
BAE20A102			•	•							•



www.youtube.com/DaikinEurope



Specifications

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

Slim concealed ceiling unit

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

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



with auto cleaning and multi zoning option

Efficiency data		FDXM + RZAG		35F9 + 35A		50F9 + 50A		60F9 + 60A			
Cooling capacity	Min./Nom./Max.	kW		1.6 /3.5 /4.5		1.7 /5.0 /6.0		1.7 /6.0 /6.5			
Heating capacity	Min./Nom./Max.	kW		1.40 /4.00 /5.00		1.70 /5.00 /6.00		1.70 /7.00 /7.50			
Space cooling	Energy efficiency class						A+				
	Capacity	Pdesign	kW		3.50		5.00		6.00		
	SEER				5.90				5.70		
Space heating (Average climate)	Annual energy consumption		kWh/a		208		296		368		
	Energy efficiency class						A				
	Capacity	Pdesign	kW		3.50		4.30		4.50		
	SCOP/A						3.90				
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				
Control systems	Infrared remote control						BRC4C65				
	Wired remote control						BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52				
Outdoor unit		RZAG		35A		50A		60A			
Dimensions	Unit	HeightxWidthxDepth		mm		734x870x373					
Weight	Unit			kg		52					
Sound power level	Cooling	dBA		62.0		63.0		64.0			
	Heating	dBA		62.0		63.0		64.0			
Sound pressure level	Cooling	Nom.	dBA		48.0		49.0		50.0		
	Heating	Nom.	dBA		48.0		49.0		50.0		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~-52						
	Heating	Ambient	Min.~Max.	°CWB	-20~-54						
Refrigerant	Type/GWP						R-32/675.0				
	Charge		kg/TCO2Eq				1.55/1.05				
Piping connections	Liquid/ Gas	OD		mm		6.4/9.50		6.4/12.7			
	Piping length	OU - IU	Max.	m			50				
		System	Chargeless	m				30			
	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		16		16		20		

Contains fluorinated greenhouse gases

Slim concealed ceiling unit

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

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



with auto cleaning and multi zoning option

Efficiency data		FDXM + RXM	25F9 + 25R	35F9 + 35R	50F9 + 50R	60F9 + 60R
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 HeightxWidthxDensity	mm	200x750x620		200x1,150x620	
Weight	Unit	kg	21		28	
Air filter	Type		Removable / washable			
Fan	Air flow Cooling	Low/Medium/High m³/min	7.3/8.0/8.7		13.3/14.6/15.8	
	rate Heating	Low/Medium/High m³/min	7.3/8.0/8.7		13.3/14.6/15.8	
	External static pressure	Nom. Pa	30		40	
Sound power level	Cooling	dB(A)	53.0		55.0	
	Heating	dB(A)	53.0		55.0	
Sound pressure level	Cooling Low/High	dB(A)	27.0/35.0		30.0/38.0	
	Heating Low/High	dB(A)	27.0/35.0		30.0/38.0	
Control systems	Infrared remote control		BRC4C65			
	Wired remote control		BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52			
Outdoor unit		RXM	25R	35R	50R	60R
Dimensions	Unit HeightxWidthxDensity	mm	550x765x285			734x870x373
Weight	Unit	kg	32			50
Sound power level	Cooling	dB(A)	58	61	62	63
	Heating	dB(A)	59	61	62	63
Sound pressure level	Cooling Nom.	dB(A)	46	49	48	
	Heating Nom.	dB(A)	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			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	-			

Contains fluorinated greenhouse gases

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- › Low operation sound level down to 25dBA
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- › Optional fresh air intake
- › Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed



with multi zoning option

Efficiency data		FBA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A	71A9 + 71NV1	100A + 100NV1	125A + 125NV1	140A + 140NV1	71A9 + 71NY1	100A + 100NY1	125A + 125NY1	140A + 140NY1	
Cooling capacity	Min./Nom./Max.	kW	1.6 /3.5 /5.0	1.7 /5.0 /6.0	1.7 /6.0 /7.0	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-	
Heating capacity	Min./Nom./Max.	kW	1.40 /4.00 /5.00	1.70 /6.00 /6.00	1.70 /7.00 /7.50	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-	
Space cooling	Energy efficiency class		A++				-				A++			
	Capacity Pdesign	kW	3.50	5.00	6.00	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER		6.12	6.30	6.15	6.50	6.47	6.56	6.42	6.50	6.47	6.56	6.42	
	ηs,c	%	-				259				254			
	Annual energy consumption	kWh/a	200	278	341	366	514	1,107	1,252	366	514	1,107	1,252	
Space heating	Energy efficiency class		A+				-				A+			
(Average climate)	Capacity Pdesign	kW	4.20	4.30	4.50	4.70	7.80	9.52		4.70	7.80	9.52		
	SCOP/A		4.10				4.37				4.34			
	ηs,h	%	-				172				171			
	Annual energy consumption	kWh/a	1,434	1,469	1,537	1,566	2,505	3,050	3,070	1,566	2,505	3,050	3,070	
Indoor unit		FBA	35A9	50A9	60A9	71A9	100A	125A	140A	71A9	100A	125A	140A	
Dimensions	Unit	HeightxWidthxDepth	mm				245x1,400x800				245x1,000x800			
Weight	Unit		kg				28.0				35.0			
Air filter	Type		Resin net											
Fan	Air flow rate	Cooling	Low/Medium/High		m³/min		10.5/12.5/15.0		12.5/15.0/18.0		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		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	
Sound power level	Cooling		dBA				60.0		56.0		58.0		62.0	
Sound pressure level	Cooling	Low/Medium/High	dBA				29.0/32.0/35.0		25.0/28.0/30.0		30.0/32.0/34.0		32.0/35.0/37.0	
	Heating	Low/Medium/High	dBA				29.0/34.0/37.0		25.0/28.0/31.0		30.0/33.0/36.0		32.0/35.0/38.0	
Control systems	Infrared remote control		BRC4C65 / BRC4C66											
	Wired remote control		BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52											
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220											
Outdoor unit		RZAG	35A	50A	60A	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1	
Dimensions	Unit	HeightxWidthxDepth	mm				734x870x373				870x1,100x460			
Weight	Unit		kg				52				81			
Sound power level	Cooling		dBA				62.0		63.0		64.0		66	
	Heating		dBA				62.0		63.0		64.0		68	
Sound pressure level	Cooling	Nom.	dBA				48.0		49.0		50.0		46	
	Heating	Nom.	dBA				48.0		49.0		50.0		48	
Operation range	Cooling	Ambient	Min.~Max.		°CDB		-20~52		-20~52		-20~18		-20~18	
	Heating	Ambient	Min.~Max.		°CWB		-20~24		-20~24		-20~18		-20~18	
Refrigerant	Type/GWP		R-32/675.0				R-32/675				R-32/675			
	Charge	kg/TCO2Eq	1.55/1.05				3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50	
Piping connections	Liquid/Gas OD	mm	6.4/9.50		6.4/12.7		9.52/15.9		9.52/15.9		9.52/15.9		9.52/15.9	
	Piping length	System	m		m		m		m		m		m	
	Additional refrigerant charge	Chargeless	kg/m				0.02 (for piping length exceeding 30m)		See installation manual		See installation manual		See installation manual	
	Level difference IU - OU	Max.	m				30.0				30.0			
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240											
Current - 50Hz	Maximum fuse amps (MFA)	A	16	16	20	20	32	32	32	32	32	32	32	

Contains fluorinated greenhouse gases

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

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

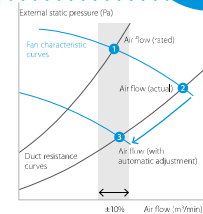


Optimised supply air volume

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within ±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	13.4		
Heating capacity	Nom.			kW		7.50	10.8	13.5	15.5	10.8	15.5		
Space cooling	Energy efficiency class					A++	A+	-	A+	-	-		
	Capacity	Pdesign			kW		6.80	9.50	12.1	13.4	9.50	13.4	
	SEER					6.19	5.83	5.49	5.81	5.83	5.49	5.81	
	ηs,c					%	-	217	229	-	217	229	
	Annual energy consumption			kWh/a		385	570	1,322	1,384	570	1,322	1,384	
Space heating (Average climate)	Energy efficiency class					A+	A	-	A	-	-		
	Capacity	Pdesign			kW		4.50	6.00	7.80	6.00	7.80		
	SCOP/A					4.01	3.85	3.63	3.85	3.63	3.85		
	ηs,h					%	-	142	151	-	142	151	
	Annual energy consumption			kWh/a		1,571	2,182	2,314	2,836	2,182	2,314	2,836	
Indoor unit				FBA	71A9	100A	125A	140A	100A	125A	140A		
Dimensions	Unit	HeightxWidthxDepth		mm	245x1,000x800	245x1,400x800							
Weight	Unit			kg	35.0	46.0							
Air filter	Type			Resin net									
Fan	Air flow rate	Cooling	Low/Medium/High	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	56.0	58.0	62.0		58.0		62.0		
	Heating	Low/Medium/High			dBA	25.0/28.0/30.0	30.0/32.0/34.0	32.0/35.0/37.0		30.0/32.0/34.0		32.0/35.0/37.0	
Sound pressure level	Cooling	Low/Medium/High			dBA	25.0/28.0/31.0	30.0/33.0/36.0	32.0/35.0/38.0		30.0/33.0/36.0		32.0/35.0/38.0	
	Heating	Low/Medium/High			dBA	25.0/28.0/31.0	30.0/33.0/36.0	32.0/35.0/38.0		30.0/33.0/36.0		32.0/35.0/38.0	
Control systems	Infrared remote control			BRC4C65 / BRC4C66									
	Wired remote control			BRC1H52W/S/K / BRC1E53A/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	71	78	70	71	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	53	54		
	Heating	Nom.			dBA	47	-	-	57	-	-		
Operation range	Cooling	Ambient	Min.-Max.	°CDB	-15~-46								
	Heating	Ambient	Min.-Max.	°CWB	-15~-15.5								
Refrigerant	Type/GWP			R-32/675									
	Charge			kg/CO2Eq	2.45/1.65	2.60/1.76	2.90/1.96	2.90/1.96	2.60/1.76	2.90/1.96	2.90/1.96		
Piping connections	Liquid/ Gas	OD		mm	9.52/15.9								
	Piping length	OU - IU	Max.	m	50								
		System	Equivalent	m	70								
		Chargeless	m	30									
	Additional refrigerant charge			kg/m	See installation manual								
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240					3~/50/380-415			
	Maximum fuse amps (MFA)			A	20	25	32	16					

Contains fluorinated greenhouse gases

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- › Ideal solution for small businesses and shops
- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- › Low operation sound level down to 25dBA
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- › Reduced energy consumption thanks to specially developed DC fan motor
- › Optional fresh air intake
- › Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed



Efficiency data			FBA	71A9 / ARXM71R	100A + AZAS100MV1	125A + AZAS125MV1	140A + AZAS140MV1	100A + AZAS100MY1	125A + AZAS125MY1	140A + AZAS140MY1	
Cooling capacity	Nom.	kW		6.80	9.50	12.1	13.4	9.50	12.1	13.4	
	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	13.0	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	427	633	1,497	1,418	633	1,497	1,418	
Space heating (Average climate)	Energy efficiency class			A		-		A		-	
	Capacity	Pdesign	kW	4.50		6.00		7.80	6.00	7.80	
	SCOP/A			3.81		3.55	3.85	3.81	3.55	3.85	
	ηs,h		%		-	139	151	-	139	151	
	Annual energy consumption		kWh/a	1,652	2,205	2,366	2,836	2,205	2,366	2,836	
Indoor unit			FBA	71A9	100A	125A	140A	100A	125A	140A	
Dimensions	Unit	HeightxWidthxDepth	mm	245x1,000x800		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	
		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	56.0	58.0	62.0		58.0	62.0	
	Sound pressure level	Cooling	Low/High	dBA	25.0/30.0	30.0/34.0	32.0/37.0		30.0/34.0	32.0/37.0	
Heating		Low/High	dBA	25.0/31.0	30.0/36.0	32.0/38.0		30.0/36.0	32.0/38.0		
Control systems	Infrared remote control			BRC4C65 / BRC4C66							
	Wired remote control			BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220							
Outdoor unit			ARXM71R	AZAS100MV1	AZAS125MV1	AZAS140MV1	AZAS100MY1	AZAS125MY1	AZAS140MY1		
Dimensions	Unit	HeightxWidthxDepth	mm	734x870x373		990x940x320					
Weight	Unit		kg	50.0	70	78	70	70	77		
Sound power level	Cooling			dBA	65	70	71	73	70	71	
	Heating			dBA	65	-	71	73	-	71	
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/TCO2Eq	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							
	System		Equivalent	m							
	Chargeless			m							
	Additional refrigerant charge		kg/m	0.035 (for piping length exceeding 10m)	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	-	25	32		16		

Contains fluorinated greenhouse gases

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

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

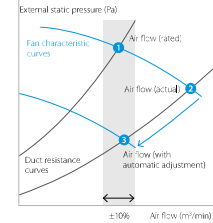


Optimised supply air volume

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 Air flow 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 + 35R	50A9 + 50R	60A9 + 60R	
Cooling capacity	Nom.	kW	3.40	5.00	5.70	
Heating capacity	Nom.	kW	4.00	5.50	7.00	
Space cooling	Energy efficiency class		A++			
	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	245x700x800		245x1,000x800	
Weight	Unit	kg	28.0		35.0	
Air filter	Type		Resin net			
Fan	Air flow rate	Cooling	Low/Medium/High	10.5/12.5/15.0		12.5/15.0/18.0
		Heating	Low/Medium/High	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		BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52			
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220			
Outdoor unit		RXM	35R	50R	60R	
Dimensions	Unit	HeightxWidthxDepth	550x765x285		734x870x373	
Weight	Unit	kg	32		50	
Sound power level	Cooling		dBA	61		63
	Heating		dBA	61		63
Sound pressure level	Cooling	Nom.	dBA	49		48
	Heating	Nom.	dBA	49		
Operation range	Cooling	Ambient	Min.~Max.	-10~-50		
	Heating	Ambient	Min.~Max.	-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	6.35		
	Gas	OD	mm	9.52		12.7
	Piping length	OU - IU	Max.	20		30
	Additional refrigerant charge	System	Chargeless	10		-
	Level difference	IU - OU	Max.	15		20
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)	A	-			

Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

ESP up to 250 Pa, ideal for large sized spaces

- › High external static pressure up to 250Pa facilitates extensive duct and grille network
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Built-in drain pump (625mm) increases the flexibility and installation speed (standard for FDA125, optional for FDA200-250)
- › Standard supplied suction filter simplifies installation
- › Up to 26.4kW in heating mode



				Sky Air Alpha-series		Sky Air Advance-series		
Efficiency data				FDA + RZAG / RZASG	125A + 125NV1	125A + 125NY1	125A + 125MV1	125A + 125MY1
Cooling capacity	Nom.		kW				12.1	
Heating capacity	Nom.		kW				13.5	
Space cooling	Capacity	Pdesign	kW				12.1	
	SEER				6.59			5.03
	ηs,c		%		261			198
	Annual energy consumption		kWh/a		1,102			1,444
Space heating (Average climate)	Capacity	Pdesign	kW		9.52			6.00
	SCOP/A				4.35			3.58
	ηs,h		%		171			140
	Annual energy consumption		kWh/a		3,064			2,346
Indoor unit				FDA	125A	125A	125A	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	
Decoration panel	Colour						White (10Y9/0.5)	
	Dimensions	HeightxWidthxDepth	mm				55x1,500x500	
Fan	Weight		kg				6.5	
	Air flow rate	Cooling	Low/High	m³/min			28.0/39.0	
		Heating	Low/High	m³/min			28.0/39.0	
	External static pressure	Nom./High	Pa				50/200	
Sound power level	Cooling		dBA				66	
Sound pressure level	Cooling	Low/High	dBA				33/40	
	Heating	Low/High	dBA				33/40	
Control systems	Infrared remote control						BRC4C65 / BRC4C66	
	Wired remote control						BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52	
Power supply	Phase/Frequency/Voltage		Hz/V				1~/50/60/220-240/220	
Outdoor unit				RZAG125NV1	RZAG125NY1	RZASG125MV1	RZASG125MY1	
Dimensions	Unit	HeightxWidthxDepth	mm		870x1,100x460		990x940x320	
Weight	Unit		kg	95	94		70	
Sound power level	Cooling		dBA		69		71	
	Heating		dBA		68		71	
Sound pressure level	Cooling	Nom.	dBA		49		53	
	Heating	Nom.	dBA		52		57	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~52		-15~46	
	Heating	Ambient	Min.~Max.	°CWB	-20~18		-15~15.5	
Refrigerant	Type/GWP						R-32/675	
	Charge		kg/TCO2Eq		3.70/2.50		2.60/1.76	
Piping connections	Liquid/Gas OD		mm				9.52/15.9	
	Piping length	OU - IU	Max.	m			85	
		System	Equivalent	m			100	
		Chargeless		m			40	
	Additional refrigerant charge		kg/m				See installation manual	
Level difference IU - OU	Max.	m				30		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240	3~/50/380-415	1~/50/220-240	3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)		A	32	16	32	16	

Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

ESP up to 250 Pa, ideal for large sized spaces

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



Efficiency data		FDA + RZA		200A + 200D		250A + 250D	
Cooling capacity	Nom.	kW		19.0		22.0	
Heating capacity	Nom.	kW		22.4		24.0	
Space cooling	Capacity	Pdesign kW		19.0		22.0	
	SEER			6.26		5.38	
	ηs,c	%		247		212	
	Annual energy consumption	kWh/a		1,821		2,455	
Space heating (Average climate)	Capacity	Pdesign kW		11.2		12.1	
	SCOP/A			3.59		3.55	
	ηs,h	%		141		139	
	Annual energy consumption	kWh/a		4,368		4,765	
Indoor unit		FDA		200A		250A	
Dimensions	Unit	HeightxWidthxDepth mm		470 x1,490 x1,100		115	
Weight	Unit	kg		104		115	
Air filter	Type			Resin net			
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min		36.0 /50 /64.0	
		Heating	Low/Medium/High	m³/min		36.0 /50.0 /64.0	
	External static pressure	Nom./High	Pa		62 /250		
Sound power level	Cooling	dBA		69.0		71.0	
Sound pressure level	Cooling	Low/Medium/High		dBA		36.0 /39.0 /43.0	
	Heating	Low/Medium/High		dBA		36.0 /39.0 /43.0	
Control systems	Wired remote control			BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52			
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/60/220-240/220			
Outdoor unit		RZA		200D		250D	
Dimensions	Unit	HeightxWidthxDepth mm		870x1,100x460			
Weight	Unit	kg		117			
Sound power level	Cooling	dBA		73		76	
	Heating	dBA		76 (3)		79 (3)	
Sound pressure level	Cooling	Nom.		dBA		53	
	Heating	Nom.		dBA		60	
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-20~-46	
	Heating	Ambient	Min.~Max.	°CWB		-20~-15	
Refrigerant	Type/GWP			R-32/675			
	Charge	kg/TCO2Eq		5/3.38			
Piping connections	Liquid/ Gas	OD mm		9,52/22.2			
	Piping length	OU - IU System	Max. Chargeless	m		100	
	Additional refrigerant charge	kg/m		30			
					See installation manual		
Power supply	Phase/Frequency/Voltage	Hz/V		3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)	A		20			

Contains fluorinated greenhouse gases

Concealed ceiling unit with medium ESP

Ideal for residential applications with false ceilings

- > 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
- > Standard drain pump

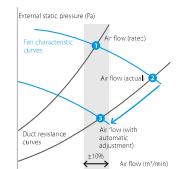


Optimised supply air volume

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	71A + ARXM71R	100A + AZAS100MV1	125A + AZAS125MV1
Cooling capacity	Nom.		kW	6.80	9.50	12.10	
Heating capacity	Nom.		kW	7.50	10.80	13.50	
Power input	Cooling	Nom.	kW	2.31	-	-	
	Heating	Nom.	kW	2.15	-	-	
Space cooling	Energy efficiency class				A		
	Capacity	Pdesign	kW	6.80	9.50	12.10	
	SEER			5.35	5.13	4.73	
	ηs,c		%	-	-	186	
	Annual energy consumption		kWh/a	445	648	1,534	
Space heating (Average climate)	Energy efficiency class				A		
	Capacity	Pdesign	kW	6.00	6.00	3.50	
	SCOP/A			3.80	3.81	137	
	ηs,h		%	-	-	137	
	Annual energy consumption		kWh/a	2,209	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	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/High	dBA	25/30	30/34	32/37	
	Heating	Low/High	dBA	25/31	30/36	32/38	
Control systems	Infrared remote control				BRC4C65 / BRC4C66		
	Wired remote control				BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52		
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240/220		
Outdoor unit				ARXM71R	AZAS100MV1	AZAS125MV1	
Dimensions	Unit	HeightxWidthxDepth	mm	734x870x373	990x940x320		
Weight	Unit		kg	50.0	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/TCO2Eq		1.15/0.78	2.60/1.76	
Piping connections	Liquid/ Gas	OD	mm		9.52/15.9		
	Piping length	OU - IU	Max.	m	30	30	
		System	Equivalent	m		50	
		Chargeless		m		30	
	Additional refrigerant charge		kg/m		0.035 (for piping length exceeding 10m)	See installation manual	
Level difference	IU - OU	Max.	m	20	30.0		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A	-	25	32	

Contains fluorinated greenhouse gases

Wall mounted unit

For rooms with no false ceilings nor free floor space

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



Efficiency data		FAA + RZAG	71A + 71NV1	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	
	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		4.20	4.01	4.20	4.01	
	Annual energy consumption	kWh/a	1,567	2,723	1,567	2,723	
Indoor unit		FAA	71A	100A	71A	100A	
Dimensions	Unit HeightxWidthxDepth	mm	290 x1,050 x238	340 x1,200 x240	290 x1,050 x238	340 x1,200 x240	
Weight	Unit	kg	13.0	17.0	13.0	17.0	
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		dBA	61	65	61	65
	Heating		dBA	61	65	61	65
Sound pressure level	Cooling	Low/Medium/High	dBA	40 /42 /45	41 /45 /49	40 /42 /45	41 /45 /49
	Heating	Low/Medium/High	dBA	40 /42 /45	41 /45 /49	40 /42 /45	41 /45 /49
Control systems	Infrared remote control		BRC7EB518				
	Wired remote control		BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52				
Power supply	Phase/Frequency/Voltage		Hz/V 1~/50 /220-240				
Outdoor unit		RZAG	71NV1	100NV1	71NY1	100NY1	
Dimensions	Unit HeightxWidthxDepth	mm	870x1,100x460				
Weight	Unit	kg	81	85	81	85	
Sound power level	Cooling		dBA	64	66	64	66
Sound pressure level	Cooling	Nom.	dBA	46	47	46	47
	Heating	Nom.	dBA	48	50	48	50
Operation range	Cooling	Ambient Min.-Max.	°CDB -20~52				
	Heating	Ambient Min.-Max.	°CWB -20~18				
Refrigerant	Type/GWP		R-32/675				
	Charge		kg/TCO2Eq 3.20/2.16				
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				
Power supply	Phase/Frequency/Voltage		Hz/V 1~/50/220-240		3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A 20		16		

Contains fluorinated greenhouse gases

Wall mounted unit

For rooms with no false ceilings nor free floor space

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



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
	Annual energy consumption				kWh/a	371
Space heating (Average climate)	Energy efficiency class				A	
	Capacity	Pdesign		kW	4.50	6.00
	SCOP/A				3.90	3.85
	Annual energy consumption				kWh/a	1,615
Indoor unit		FAA		71A	100A	100A
Dimensions	Unit	HeightxWidthxDepth		mm	290 x1,050 x238	340 x1,200 x240
Weight	Unit			kg	13.0	17.0
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	14.0 /16 /18.0	19.0 /23 /26.0
		Heating	Low/Medium/High	m ³ /min	14.0 /16.0 /18.0	19.0 /23.0 /26.0
Sound power level	Cooling			dBA	61	65
	Heating			dBA	61	65
Sound pressure level	Cooling	Low/Medium/High		dBA	40 /42 /45	41 /45 /49
	Heating	Low/Medium/High		dBA	40 /42 /45	41 /45 /49
Control systems	Infrared remote control			BRC7EB518		
	Wired remote control			BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50 /220-240		
Outdoor unit		RZASG		71MV1	100MV1	100MY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320
Weight	Unit			kg	60	70
Sound power level	Cooling			dBA	65	70
Sound pressure level	Cooling	Nom.		dBA	46	53
	Heating	Nom.		dBA	47	57
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~46	
	Heating	Ambient	Min.~Max.	°CWB	-15~-15.5	
Refrigerant	Type/GWP			R-32/675		
	Charge			kg/TCO2Eq	2.45/1.65	2.60/1.76
Piping connections	Liquid/Gas		OD	mm	9.52/15.9	
	Piping length	OU - IU	Max.	m	50	
		System	Equivalent	m	70	
			Chargeless	m	30	
	Additional refrigerant charge			kg/m	See installation manual	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240		3~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	16

Contains fluorinated greenhouse gases

Wall mounted unit

For rooms with no false ceilings nor free floor space

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



Efficiency data		FAA	71A + ARXM71R	100A + AZAS100MV1	100A + AZAS100MY1	
Cooling capacity	Nom./Max.	kW	6.80/6.95		9.50	
Heating capacity	Nom./Max.	kW	7.50/7.59		10.8	
Space cooling	Energy efficiency class		A+		A	
	Capacity	Pdesign	kW	6.80	9.50	
	SEER			5.77	5.25	
	ηs,c		%		-	
Space heating (Average climate)	Annual energy consumption		kWh/a	412	633	
	Energy efficiency class				A	
	Capacity	Pdesign	kW	4.50	6.00	
	SCOP/A			3.81	3.81	
	ηs,h		%		-	
Annual energy consumption		kWh/a	1,652		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	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	Infrared remote control			BRC7EB518		
	Wired remote control			BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52		
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240		
Outdoor unit		ARXM71R	AZAS100MV1	AZAS100MY1		
Dimensions	Unit HeightxWidthxDepth	mm	734x870x373		990x940x320	
Weight	Unit	kg	50.0		70	
Sound power level	Cooling		dB(A)	65	70	
	Heating		dB(A)	65	-	
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	-15~24	-15~15.5
Refrigerant	Type/GWP			R-32/675		
	Charge		kg/TCO ₂ Eq	1.15/0.78	2.60/1.76	
Piping connections	Liquid/Gas	OD	mm	9.52/15.90		
	Piping length	OU - IU	Max.	m	30	
		System	Equivalent	m	50	
		Chargeless	m	30		
	Additional refrigerant charge		kg/m	0.035 (for piping length exceeding 10m)		
Level difference	IU - OU	Max.	m	20	30.0	
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240	3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)	A		25	16	

Contains fluorinated greenhouse gases

Wall mounted unit

Attractive, wall mounted design with perfect indoor air quality

- › Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- › 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.
- › Online controller: control your indoor from any location with an app, via your local network or internet
- › 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



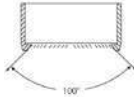
Efficiency data				FTXM + RZAG	35R + 35A	50R + 50A	60R + 60A
Cooling capacity	Min./Nom./Max.		kW	1.6/3.5/5.0		1.7/5.0/6.0	1.7/6.0/6.8
Heating capacity	Min./Nom./Max.		kW	1.40/4.00/5.30		1.50/6.00/6.50	1.60/7.00/7.50
Space cooling	Energy efficiency class			A++			
	Capacity	Pdesign	kW	3.50		5.00	6.00
	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++			
	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	35R	50R	60R
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
	Heating			dBA	54	58	59
Sound pressure level	Cooling	Silent operation/Low/High		dBA	19/29/45	27/36/44	30/37/46
	Heating	Silent operation/Low/High		dBA	20/28/39	31/34/43	33/36/45
Control systems	Infrared remote control			ARC466A33			
	Wired remote control			BRC073A1			
Outdoor unit				RZAG	35A	50A	60A
Dimensions	Unit	HeightxWidthxDepth		mm	734x870x373		
Weight	Unit			kg	52		
Sound power level	Cooling			dBA	62.0	63.0	64.0
	Heating			dBA	62.0	63.0	64.0
Sound pressure level	Cooling	Nom.		dBA	48.0	49.0	50.0
	Heating	Nom.		dBA	48.0	49.0	50.0
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~-52		
	Heating	Ambient	Min.~Max.	°CWB	-20~-24		
Refrigerant	Type/GWP			R-32/675.0			
	Charge			kg/TCO2Eq	1.55/1.05		
Piping connections	Liquid/Gas OD			mm	6.35/9.52	6.35/12.7	
	Piping length	OU - IU	Max.	m	50		
		System	Equivalent	m	-		
	Chargeless			m	30		
	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	16	16	20

*Note: blue cells contain preliminary data

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- > Combination with Sky Air advance-series ensures good value for money for all types of commercial applications
- > Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle



- > Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- > Can easily be installed in both new and refurbishment projects
- > Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space



- > Reduced energy consumption thanks to specially developed DC fan motor
- > 5 different fan speeds available for maximum comfort



- > Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible

Efficiency data		FHA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A	71A9 + 71NV1	100A + 100NV1	125A + 125NV1	140A + 140NV1	71A9 + 71NY1	100A + 100NY1	125A + 125NY1	140A + 140NY1		
Cooling capacity	Min./Nom./Max.	kW	1.7/3.5/4.5	1.7/5.0/6.0	1.9/6.0/6.8	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-		
Heating capacity	Min./Nom./Max.	kW	140/4.00/5.50	170/5.80/6.50	170/7.00/7.50	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-		
Space cooling	Energy efficiency class		A++				-		A++						
	Capacity	Pdesign	kW	3.50	5.00	6.00	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER			6.40	6.80	6.60	7.11	6.42	7.14	6.42	7.11	6.42	7.14	6.42	
	ηs,c		%	-				283	254	-					
Space heating (Average climate)	Annual energy consumption		kWh/a	191	257	318	335	518	1,017	1,253	335	518	1,017	1,253	
	Energy efficiency class			A+				A++		A+		A++		-	
	Capacity	Pdesign	kW	3.10	4.00	4.60	4.70	7.80	9.52		4.70	7.80	9.52		
	SCOP/A			4.10	4.30	4.20	4.32	4.61	4.20	4.30	4.32	4.61	4.20	4.30	
	ηs,h		%	-				165	169	-		165	169	-	
Annual energy consumption		kWh/a	1,058	1,302	1,633	1,523	2,369	3,174	3,100	1,523	2,369	3,174	3,100		
Indoor unit			FHA	35A9	50A9	60A9	71A9	100A	125A	140A	71A9	100A	125A	140A	
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690				235x1,270x690		235x1,270x690		235x1,590x690		235x1,590x690	
Weight	Unit		kg	24	25	31	32	38.0		32	38.0		38.0		
Air filter	Type			Resin net											
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0
	Heating	Low/Medium/High	m ³ /min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	
Sound power level	Cooling		dBA	53.0	54.0		55.0	60	62	64	55.0	60	62	64	
	Heating		dBA	31.0/34.0/36.0	32.0/35.0/37.0	33.0/35.0/37.0	34.0/36.0/38.0	34/38/42	37/41/44	38/42/46	34.0/36.0/38.0	34/38/42	37/41/44	38/42/46	
Sound pressure level	Cooling	Low/Medium/High	dBA	31.0/34.0/36.0	32.0/35.0/37.0	33.0/35.0/37.0	34.0/36.0/38.0	34/38/42	37/41/44	38/42/46	34.0/36.0/38.0	34/38/42	37/41/44	38/42/46	
	Heating	Medium/Nom./High	dBA	31.0/34.0/36.0	32.0/35.0/37.0	33.0/35.0/37.0	34.0/36.0/38.0	34/38/42	37/41/44	38/42/46	34.0/36.0/38.0	34/38/42	37/41/44	38/42/46	
Control systems	Infrared remote control			BRC7GA53-9											
	Wired remote control			BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52											
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240											
Outdoor unit			RZAG	35A	50A	60A	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1	
Dimensions	Unit	HeightxWidthxDepth	mm	734x870x373				870x1,100x460							
Weight	Unit		kg	52			81	85	95		81	85	94		
Sound power level	Cooling		dBA	62.0	63.0	64.0		66	69	70	64	66	69	70	
	Heating		dBA	62.0	63.0	64.0	-		68	71	-		68	71	
Sound pressure level	Cooling	Nom.	dBA	48.0	49.0	50.0	46	47	49	50	46	47	49	50	
	Heating	Nom.	dBA	48.0	49.0	50.0	48	50	52		48	50	52		
Operation range	Cooling	Ambient	Min.-Max.	°CDB				-20~52							
	Heating	Ambient	Min.-Max.	°CWB				-20~18							
Refrigerant	Type/GWP			R-32/675.0				R-32/675							
	Charge		kg/TCO ₂ Eq	1.55/1.05		3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50			
Piping connections	Liquid/Gas	OD	mm	6.4/9.50		6.4/12.7		9.52/15.9							
	Piping length	OU - IU	Max.	m				55	85		55	85			
	System	Equivalent	m	-				75		100		75		100	
	Chargeless		m	30				40							
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 30m)				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	16	16	20	20	32		16						

Contains fluorinated greenhouse gases

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

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



Efficiency data				FHA + RZASG	71A9 + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	100A + 100MY1	125A + 125MY1	140A + 140MY1
Cooling capacity	Nom.		kW	6.80		9.50	12.1	13.4	9.50	12.1	13.4
Heating capacity	Nom.		kW	7.50		10.8	13.5	15.5	10.8	13.5	15.5
Space cooling	Energy efficiency class			A+			-			A+	
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
	SEER			5.95		5.83		5.88	5.83	5.88	
	ηs,c		%	-		230	232	-	230	232	
	Annual energy consumption		kWh/a	400	570	1,246	1,368	570	1,246	1,368	
Space heating (Average climate)	Energy efficiency class			A			-			A	
	Capacity	Pdesign	kW	4.50		6.00		7.80	6.00		7.80
	SCOP/A			3.90	3.91	3.83	3.81	3.91	3.83	3.81	
	ηs,h		%	-		150	149	-	150	149	
	Annual energy consumption		kWh/a	1,616	2,148	2,193	2,866	2,148	2,193	2,866	
Indoor unit				FHA	71A9	100A	125A	140A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690		235x1,590x690					
Weight	Unit		kg	32	38.0						
Air filter	Type			Resin net							
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0
		Heating	Low/Medium/High	m³/min	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0
Sound power level	Cooling		dBA	55.0	60	62	64	60	62	64	
Sound pressure level	Cooling	Low/Medium/High	dBA	34.0/36.0/38.0	34/38/42	37/41/44	38/42/46	34/38/42	37/41/44	38/42/46	
	Heating	Medium/Nom./High	dBA	34.0/36.0/38.0	34/38/42	37/41/44	38/42/46	34/38/42	37/41/44	38/42/46	
Control systems	Infrared remote control			BRC7GA53-9							
	Wired remote control			BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240							
Outdoor unit				RZASG	71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320		990x940x320					
Weight	Unit		kg	60	70	78	70	77			
Sound power level	Cooling		dBA	65	70	71	73	70	71	73	
	Heating		dBA	-		71	73	-	71	73	
Sound pressure level	Cooling	Nom.	dBA	46	53	54	53	54			
	Heating	Nom.	dBA	47			57				
Operation range	Cooling	Ambient	Min.-Max.	°CDB			-15~46				
	Heating	Ambient	Min.-Max.	°CWB			-15~-15.5				
Refrigerant	Type/GWP			R-32/675							
	Charge		kg/TCO2Eq	2.45/1.65	2.60/1.76	2.90/1.96	2.60/1.76	2.90/1.96			
Piping connections	Liquid/Gas		OD	mm							
	Piping length	OU - IU	Max.	m							
		System	Equivalent	m							
	Chargeless			m							
	Additional refrigerant charge			kg/m							
Power supply	Level difference IU - OU		Max.	m							
	Phase/Frequency/Voltage		Hz/V	1~/50/220-240				3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32	16				

Contains fluorinated greenhouse gases

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

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



Efficiency data		FHA + RXM	35A9 + 35R	35A9 + 35R	50A9 + 50R	60A9 + 60R
Cooling capacity	Nom.	kW	3.40		5.00	5.70
Heating capacity	Nom.	kW	4.00		6.00	7.20
Space cooling	Energy efficiency class		A++		A+	
	Capacity	Pdesign kW	3.40		5.00	5.70
	SEER		6.24		5.92	6.08
	ηs,c	%		-		
Space heating (Average climate)	Annual energy consumption	kWh/a	191		295	328
	Energy efficiency class		A+		A	
	Capacity	Pdesign kW	3.10		4.35	4.71
	SCOP/A		4.43		3.86	3.87
	ηs,h	%		-		
Annual energy consumption	kWh/a	979		1,578	1,704	
Indoor unit		FHA	35A9	35A9	50A9	60A9
Dimensions	Unit HeightxWidthxDepth	mm		235x960x690		235x1,270x690
Weight	Unit	kg	24		25	31
Air filter	Type		Resin net			
Fan	Air flow rate	Cooling Low/Medium/High 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		BRC7GA53-9			
	Wired remote control		BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52			
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240			
Outdoor unit		RXM	35R	35R	50R	60R
Dimensions	Unit HeightxWidthxDepth	mm	550x765x285		734x870x373	
Weight	Unit	kg	32		50	
Sound power level	Cooling	dBA	61		62	63
	Heating	dBA	61		62	63
Sound pressure level	Cooling	Nom. dBA	49		48	
	Heating	Nom. dBA		49		
Operation range	Cooling	Ambient Min.-Max. °CDB	-10~-50			
	Heating	Ambient Min.-Max. °CWB	-20~-24			
Refrigerant	Type		R-32			
	GWP		675			
	Charge	kg/TCO2Eq	0.76/0.52		1.15/0.78	
Piping connections	Liquid	OD mm			6.35	
	Gas	OD mm	9.52		12.7	
	Piping length	OU - IU Max. System Chargeless m	20		30	
	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	-			

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 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
- › Unified indoor unit range for R-32 and R-410A
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!



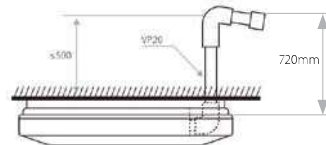
- › 5 different discharge angles between 0 and 60° can be programmed via the remote control



- › 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 720mm 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	mm							
	Unit		198 x 950 x 950							
Weight	Unit		25.0	26.0	26	25.0	26.0	26		
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/Medium/High	dBA	35 / 38 / 41	39 / 42 / 46	40 / 43 / 47	35 / 38 / 41	39 / 42 / 46	40 / 43 / 47	
	Heating	Low/Medium/High	dBA	35 / 38 / 41	39 / 42 / 46	40 / 43 / 47	35 / 38 / 41	39 / 42 / 46	40 / 43 / 47	
Control systems	Infrared remote control		BRC7CB58							
	Wired remote control		BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52							
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220~240							
Outdoor unit		RZAG	71NV1	100NV1	125NV1	71NY1	100NY1	125NY1		
Dimensions	Unit	HeightxWidthxDepth	mm							
	Unit		870x1,100x460							
Weight	Unit		81	85	95	81	85	94		
Sound power level	Cooling		dBA	64	66	69	64	66	69	
	Heating		dBA	-	-	68	-	-	68	
Sound pressure level	Cooling	Nom.	dBA	46	47	49	46	47	49	
	Heating	Nom.	dBA	48	50	52	48	50	52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB						
	Heating	Ambient	Min.~Max.	°CWB						
Refrigerant	Type/GWP		R-32/675							
	Charge	kg/TCO2Eq	3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50	
Piping connections	Liquid/Gas	OD	mm							
			9.52/15.9							
	Piping length	OU - IU	Max.	55		85		55	85	
		System	Equivalent	75		100		75	100	
			Chargeless	m						
				40						
	Additional refrigerant charge	kg/m	See installation manual							
	Level difference IU - OU	Max.	m							
			30							
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			

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 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 720mm lift increases flexibility and installation speed



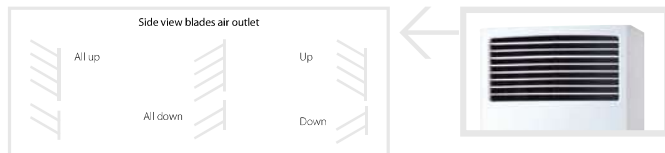
Efficiency data		FUA + RZASG	71A + 71MV1	100A + 100MV1	125A + 125MV1	100A + 100MY1	125A + 125MY1	
Cooling capacity	Nom.	kW	6.80	9.50	12.1	9.50	12.1	
Heating capacity	Nom.	kW	7.50	10.8	13.5	10.8	13.5	
Space cooling	Energy efficiency class		A++	A+	-	A+	-	
	Capacity	Pdesign kW	6.80	9.50	12.1	9.50	12.1	
	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	198 x950 x950					
Weight	Unit	kg	25.0	26.0	26	26.0	26	
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/Medium/High dBA	35 /38 /41	39 /42 /46	40 /43 /47	39 /42 /46	40 /43 /47	
	Heating	Low/Medium/High dBA	35 /38 /41	39 /42 /46	40 /43 /47	39 /42 /46	40 /43 /47	
Control systems	Infrared remote control		BRC7CB58					
	Wired remote control		BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52					
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240					
Outdoor unit		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/TCO2Eq	2.45/1.65	2.60/1.76				
Piping connections	Liquid/Gas	OD	mm				9.52/15.9	
	Piping length	OU - IU	Max.	m				50
		System	Equivalent	m				70
			Chargeless	m				30
		Additional refrigerant charge	kg/m	See installation manual				30.0
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240			3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32	16		

Contains fluorinated greenhouse gases

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*)



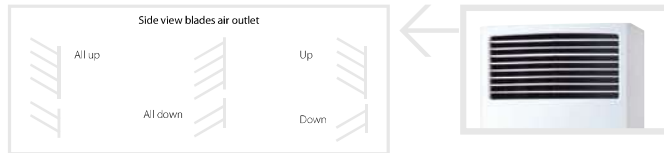
Efficiency data			FVA + RZAG	71A + 71NV1	100A + 100NV1	125A + 125NV1	140A + 140NV1	71A + 71NY1	100A + 100NY1	125A + 125NY1	140A + 140NY1	
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5		
Space cooling	Energy efficiency class		A++				-				A++	
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER			6.34	6.40	6.41	6.12	6.34	6.40	6.41	6.12	
	ηs,c		%	-	-	253	242	-	-	253	242	
Annual energy consumption		kWh/a	376	520	1,133	1,314	376	520	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		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/Medium/High		dBA	38/41/43	44/47/50	46/48/51	48/51/53	38/41/43	44/47/50	46/48/51	48/51/53
	Heating	Medium/Nom./High		dBA	38/41/43	44/47/50	46/48/51	48/51/53	38/41/43	44/47/50	46/48/51	48/51/53
Control systems	Wired remote control			BRC1HW/S/K / 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	81	85	95		81	85	94		
Sound power level	Cooling		dBA	64	66	69	70	64	66	69	70	
	Heating		dBA	-	-	68	71	-	-	68	71	
Sound pressure level	Cooling	Nom.	dBA	46	47	49	50	46	47	49	50	
	Heating	Nom.	dBA	48	50	52		48	50	52		
Operation range	Cooling	Ambient	Min.-Max.	°CDB				-20~52				
	Heating	Ambient	Min.-Max.	°CWB				-20~18				
Refrigerant	Type/GWP			R-32/675								
	Charge		kg/TCO2Eq	3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50		
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								
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		

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Floor standing unit

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- › 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	15.5	
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	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	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	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	2,866	
Indoor unit			FVA	71A	100A	125A	140A	100A	125A	140A	
Dimensions	Unit	HeightxWidthxDepth	mm	1,850x600x270		1,850x600x350					
Weight	Unit		kg	42	50						
Air filter	Type		Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	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		dBA	55	62	63	65	62	63	65	
Sound pressure level	Cooling	Low/Medium/High	dBA	38/41/43	44/47/50	46/48/51	48/51/53	44/47/50	46/48/51	48/51/53	
	Heating	Medium/Nom./High	dBA	38/41/43	44/47/50	46/48/51	48/51/53	44/47/50	46/48/51	48/51/53	
Control systems	Wired remote control		BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52								
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220							
Outdoor unit			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	73	70	71	73	
	Heating		dBA	-	-	71	73	-	71	73	
Sound pressure level	Cooling	Nom.	dBA	46	53	54	53	54	54		
	Heating	Nom.	dBA	47	-	-	57	-	-		
Operation range	Cooling	Ambient	Min.-Max.	°CDB			-15~46				
	Heating	Ambient	Min.-Max.	°CWB			-15~-15.5				
Refrigerant	Type/GWP		R-32/675								
	Charge		kg/TCO2Eq	2.45/1.65	2.60/1.76	2.90/1.96	2.60/1.76	2.90/1.96	2.90/1.96		
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	Phase/Frequency/Voltage		Hz/V	1~/50/220-240				3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32	16				

Contains fluorinated greenhouse gases

Concealed floor standing unit

Designed to be concealed in walls

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



Efficiency data		FNA + RZAG		35A9 + 35A		50A9 + 50A		60A9 + 60A		
Cooling capacity	Min./Nom./Max.	kW		1.6 /3.5 /4.5		1.7 /5.0 /6.0		1.7 /6.0 /6.5		
Heating capacity	Min./Nom./Max.	kW		1.40 /4.00 /5.00		1.70 /5.00 /6.00		1.70 /7.00 /7.50		
Space cooling	Energy efficiency class			A+		A+		A+		
	Capacity	Pdesign	kW	3.50		5.00		6.00		
	SEER			5.90		5.90		5.70		
	Annual energy consumption			kWh/a		208		297		
Space heating (Average climate)	Energy efficiency class			A		A		A		
	Capacity	Pdesign	kW	3.50		4.30		4.50		
	SCOP/A			3.90		3.90		3.90		
	Annual energy consumption			kWh/a		1,255		1,542		
Annual energy consumption		kWh/a		1,255		1,542		1,616		
Indoor unit		FNA		35A9		50A9		60A9		
Dimensions	Unit	HeightxWidthxDepth	mm	620 / 720x790x200		620 / 720x1,190x200		620 / 720x1,190x200		
Weight	Unit		kg	23.0		30.0		30.0		
Air filter	Type			Resin net		Resin net		Resin net		
Fan	Air flow rate	Cooling	Low/High	m ³ /min	7.3/8.7		13.5/16.0		13.5/16.0	
		Heating	Low/High	m ³ /min	7.3/8.7		13.5/16.0		13.5/16.0	
	External static pressure	Nom./High	Pa	30/48		40/49		40/49		
Sound power level	Cooling		dBA	53.0		56.0		56.0		
Sound pressure level	Cooling	Low/Medium/High	dBA	28.0/31.0/33.0		30.0/33.0/36.0		30.0/33.0/36.0		
	Heating	Low/Nom./High	dBA	28.0/31.0/33.0		30.0/33.0/36.0		30.0/33.0/36.0		
Control systems	Infrared remote control			BRC4C65		BRC4C65		BRC4C65		
	Wired remote control			BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52		BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52		BRC1H52W/S/K / 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		RZAG		35A		50A		60A		
Dimensions	Unit	HeightxWidthxDepth	mm	734x870x373		734x870x373		734x870x373		
Weight	Unit		kg	52		52		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		-20~-52			
	Heating	Ambient	Min.~Max.	°CWB	-20~-24		-20~-24			
Refrigerant	Type/GWP			R-32/675.0		R-32/675.0		R-32/675.0		
	Charge			kg/TCO2Eq	1.55/1.05		1.55/1.05		1.55/1.05	
Piping connections	Liquid/Gas	OD	mm	6.4/9.50		6.4/9.50		6.4/12.7		
	Piping length	OU - IU	Max.	m	50		50			
	Additional refrigerant charge	System	Chargeless	m	30		30			
	Level difference	IU - OU	Max.	m	0.02 (for piping length exceeding 30m)		0.02 (for piping length exceeding 30m)			
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240		1~/50/220-240		1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A	16		16		20		

Contains fluorinated greenhouse gases

Concealed floor standing unit

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



Efficiency data		FNA + RXM	25A9 + 25R	35A9 + 35R	50A9 + 50R	60A9 + 60R		
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+		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 HeightxWidthxDpeth	mm	620 / 720(1)x790x200		620 / 720(1)x1,190x200			
Weight	Unit	kg	23.0		30.0			
Air filter	Type		Resin net					
Fan	Air flow	Cooling	Low/High	m³/min		7.3/8.7	13.5/16.0	
	rate	Heating	Low/High	m³/min		7.3/8.7	13.5/16.0	
	External static pressure	Nom./High		Pa		30/48	40/49	
Sound power level	Cooling		dBA		53.0	56.0		
Sound pressure level	Cooling	Low/High	dBA		28.0/33.0	30.0/36.0		
	Heating	Low/Nom./High	dBA		28.0/31.0/33.0	30.0/33.0/36.0		
Control systems	Infrared remote control		BRC4C65					
	Wired remote control		BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52					
Power supply	Phase/Frequency/Voltage		Hz/V					
			1~/50/60/220-240/220					
Outdoor unit		RXM	25R	35R	50R	60R		
Dimensions	Unit HeightxWidthxDpeth	mm	550x765x285		734x870x373			
Weight	Unit	kg	32		50			
Sound power level	Cooling		dBA		58	61	62	63
	Heating		dBA		59	61	62	63
Sound pressure level	Cooling	Nom.	dBA		46	49	48	
	Heating	Nom.	dBA		47	49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB			-10~-50	
	Heating	Ambient	Min.~Max.	°CWB			-20~-24	
Refrigerant	Type		R-32					
	GWP		675					
Piping connections	Charge		kg/TCO2Eq		0.76/0.52	1.15/0.78		
	Liquid	OD	mm		6.35			
	Gas	OD	mm		9.52	12.7		
	Piping length	OU - IU Max.	m		20	30		
	System	Chargeless	m		10	-		
	Additional refrigerant charge		kg/m				0.02 (for piping length exceeding 10m)	
	Level difference	IU - OU Max.	m		15	20		
Power supply	Phase/Frequency/Voltage		Hz/V					
Current - 50Hz	Maximum fuse amps (MFA)		A					
			1~/50/220-240					
			-					

(1) Including installation legs | Contains fluorinated greenhouse gases



NEW SKY AIR ALPHA-SERIES WITH LOW HEIGHT



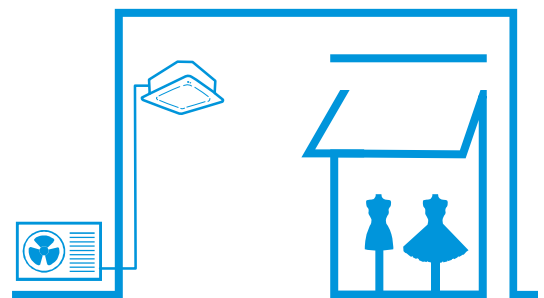
NEW SKY AIR ALPHA-SERIES RANGE EXTENSION
(35, 50, 60)

Outdoor units

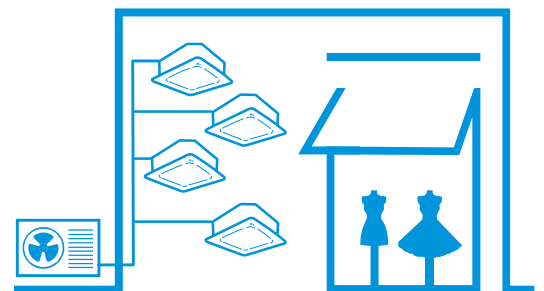
A range of industry leading technology outdoor units

Products overview outdoor units	396
Benefits overview outdoor units	397
Why choose SkyAir A-series	342
R-32 BLUEEVOLUTION range	400
RZAG-A SkyAir Alpha-series	400
RZAG-NV1/NY1 SkyAir Alpha-series	400
RZASG-MV1/MY1 SkyAir Advance-series	401
RZA-D SkyAir Advance-series	402
ARXM-R/AZAS-MV1/MY1 SkyAir Active-series	403
Multi model and VRV range See Split or VRV chapter	
Why choose Daikin Rooftop series	404
NEW UATYA-BBAY1	406
NEW UATYA-BFC2Y1	406
NEW UATYA-BFC3Y1	407
NEW UATYA-BRS4	407
Options & Accessories	410

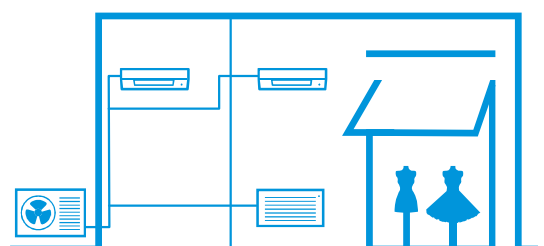
Pair solution



Twin, triple, double twin solution



Multi solution



Products overview outdoor units



Low height.
High value.

BLUEEVOLUTION

Pair, twin, triple & double twin application

R-32

SkyAir A-series

System	Type	Model	Product name	35	50	60	71	100	125	140	200	250
Air cooled	Heat pump	<p>SkyAir Alpha-series</p> <ul style="list-style-type: none"> - 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) 	<p>R-32</p> <p>A++</p> <p>(A+++ - D)</p>									
			<p>RZAG-A</p> <p>RZAG-NV1/</p> <p>NY1</p>									
		<p>SkyAir Advance-series</p> <ul style="list-style-type: none"> - Technology and comfort combined for commercial applications - Very compact and easy to install outdoor units - Maximum piping length up to 50m (RZA-D up to 100m) - Replacement technology - Operation range down to -15°C both cooling and in heating (RZA-D down to -20°C) - Pair, twin, triple and double twin application 	<p>R-32</p> <p>A+</p> <p>(A+++ - D)</p>									
		<p>RZASG-MV1/</p> <p>MY1</p>										
		<p>RZA-D</p>										
		<p>SkyAir Active-series</p> <ul style="list-style-type: none"> - 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 	<p>R-32</p> <p>A</p> <p>(A+++ - D)</p>									
		<p>ARXM-N9</p> <p>AZAS-MV1/</p> <p>MY1</p>										

Benefits overview outdoor units

		<i>SkyAir Alpha-series</i>		<i>SkyAir Advance-series</i>		<i>SkyAir Active-series</i>
		RZAG-A	RZAG-NV1/NY1	RZASG-MV1/MY1	RZA-D	AZAS-MV1/MY1
We care icons	Seasonal efficiency - Smart use of energy	Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season.		A++ (A+++ - D)	A++ (A+++ - D)	A+ (A+++ - D)
	Inverter technology	Inverter compressors continuously adjust compressor speed to actual demand. Fewer power-consuming starts and stops result in decreased energy consumption (up to 30%) and more stable temperatures.		•	•	•
	Replacement technology	Quick and quality system replacement in the most cost effective way		•	•	•
Comfort	Night quiet	Lowers the operation sound of the outdoor unit automatically.		•	•	•
	Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature.		•	•	•
Other functions	Variable refrigeration temperature	The intelligent systems ensures highest energy savings with additional comfort to better suit application requirements.		•		
	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.		•	•	•
	Swing compressor	Outdoor units are fitted with a swing compressor, renowned for its low noise and high reliability		•	•	•
	Guaranteed operation down to -20°C	Daikin is suitable for all climates, even withstanding severe winter conditions with an operation range down to -20°C.		•	•	•
	Infrastructure cooling	For high sensible, infrastructure cooling applications, dedicated infrastructure cooling settings and allowing asymmetric combinations enhance the system's reliability.		•	•	•

Technical benefit overview *SkyAir A-series*

	<i>SkyAir Alpha-series</i>		<i>SkyAir Advance-series</i>		<i>SkyAir Active-series</i>
	RZAG-A	RZAG-NV1/NY1	RZASG-MV1/MY1	RZA-D	AZAS-MV1/MY1
Compact single fan casing on the entire range	•	•	•	•	•
Maximum piping length	50m	85m	50 m	100 m	30 m
Pivoting front plate		•	•	•	•
7 segment display		•	•	•	•
Increased factory charge	•	•			
Integrated leak check		•			
Refrigerant bottom plate pass		•			
Specially developed R-32 swing compressor	•	•	•	•	•
Refrigerant cooled PCB		•	•	•	•
Intelligent Tablet controller - Online controller app	•	•	•	•	•

SkyAir Advance-series

SkyAir Alpha-series

Low height.
High value.



✓ Unique, low-height single fan range

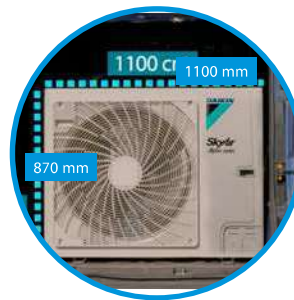


SkyAir Alpha-series
RZAG71-100-125-140NV1/NY1



SkyAir Advance-series
RZA200-250D

✓ Compact unit, easy to transport



✓ Market-leading serviceability and handling



Fast and easy access to all critical component

- › Single screw access
- › Wider access area



Newly positioned handle for easier carrying

Sssssttttt...
something new is coming!


-10dB(A)!



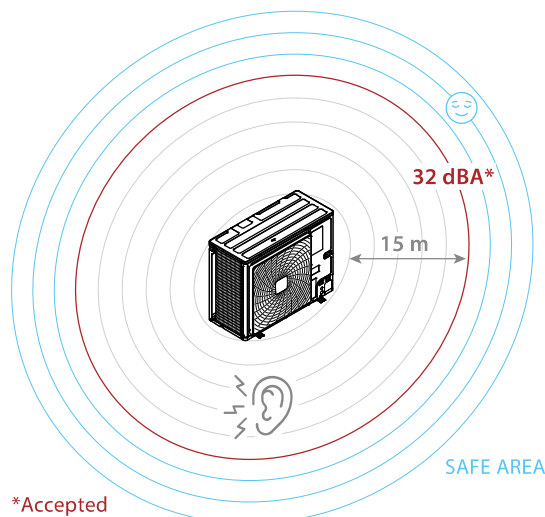
Daikin Sound enclosure for Sky Air Alpha-series

EKLN140A

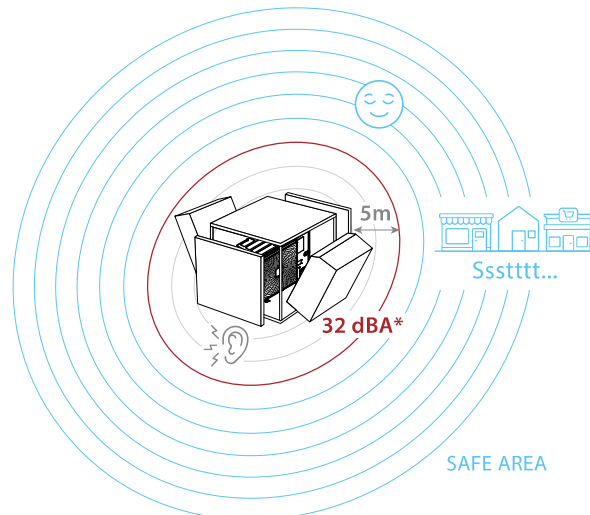
- ✓ **Dedicated Daikin option for Sky-Air Alpha-series RZAG71-140N***
- ✓ **Fully optimized and tested in Daikin Factory**
 - › Guaranteed and published performances (sound, capacity, efficiency)
- ✓ **Outdoor unit sound reduction up to -10 dB(A) on Sound Power values**
 - › Enabling to meet local sound requirements
 - › Increased flexibility to apply Sky Air Alpha-series
 - › Reduces sound on the entire sound spectrum/ spectra
- ✓ **Very low capacity and pressure drop**
 - › Separated air intake and discharge to prevent short circuit
 - › No additional calculations needed thanks to officially tested data
- ✓ **Easy to integrate**
 - › Anthracite (RAL 7016), high aesthetic finishing
 - › Mechanically designed to perfectly suit the RZAG*N casing
 - › Self-supporting, can be installed on any flat surface
- ✓ **Fast & easy installation & servicing**
 - › 100% weather resistant
 - › Easy opening to reach unit



Without sound-insulating housing



With sound-insulating housing



*Accepted sound value

based on RZAG71N series

Sky Air Advance-series

Technology and comfort combined for commercial applications

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



Pair, twin, triple and double twin application

capacity class		FCAG-B						FFA-A9			FDXM-F9			FBA-A(9)							
		35	50	60	71	100	125	140	35	50	60	35	50	60	35	50	60	71	100	125	140
RZASG71MV1		2			P			2			2			2				P			
RZASG100MV1	RZASG100MY1	3	2			P		3	2		3	2		3	2				P		
RZASG125MV1	RZASG125MY1	4	3	2			P	4	3	2	4	3	2	4	3	2				P	
RZASG140MV1	RZASG140MY1	4	3		2		P	4	3		4	3		4	3			2			P

capacity class		FDA-A		FHA-A(9)						FUA-A			FAA-A		FVA-A				FNA-A9			
		125	35	50	60	71	100	125	140	71	100	125	71	100	71	100	125	140	35	50	60	
RZASG71MV1			2			P				P			P		P						2	
RZASG100MV1	RZASG100MY1		3	2			P				P			P		P					3	2
RZASG125MV1	RZASG125MY1	P	4	3	2			P			P						P				4	3
RZASG140MV1	RZASG140MY1		4	3		2			P	2			2			2			P		4	3

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



RZASG-MV1



RZASG-MY1

More details and final information can be found on my.daikin.eu

Outdoor unit		RZASG		71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320 / 990x940x320					
Weight	Unit	kg		60	70	78	70	77		
Sound power level	Cooling	dBA		65	70	71	73	70	71	73
	Heating	dBA		-		71 (1)	73 (1)	-	71 (1)	73 (1)
Sound pressure level	Cooling	Nom.	dBA	46	53	54	53	54		
	Heating	Nom.	dBA	47			57			
Operation range	Cooling	Ambient	Min.-Max.	°CDB -15~46						
	Heating	Ambient	Min.-Max.	°CWB -15~-15.5						
Refrigerant	Type/GWP	R-32/675								
	Charge	kg/TCO2Eq		2.45/1.65	2.60/1.76	2.90/1.96	2.60/1.76	2.90/1.96		
Piping connections	Liquid/Gas OD		mm		9.52/15.9					
	Piping length	OU - IU	Max.	m						
		System	Equivalent	m						
			Chargeless	m						
		Additional refrigerant charge		kg/m		See installation manual				
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240				3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)		A		20	25	32	16		

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