

Our mission

Achieve  
the lowest  
environmental  
impact



*SkyAir A-series*

Introducing the new Sky Air A-series with  
ultra-efficient Bluevolution R-32 technology

**BLUEVOLUTION** 

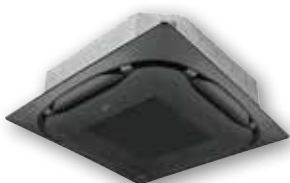
The most comfortable cassette  
just got better



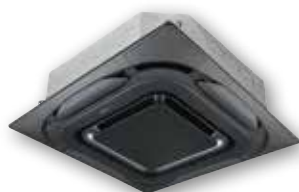
## New round flow cassette

- › **Bigger flaps** and **new sensor logic** further improves equal air distribution in the room
- › **Widest ever choice in panels** for cassette units, with up to 8 different panels
- › Comes with the known benefits: **360° air flow discharge and intelligent sensors**
- › **Auto cleaning** panels available in black and white

**VRV**  
**SkyAir**



Black auto cleaning panel



Black designer panel



Full white standard panel



White designer panel



**WINNER**



# Discover the **SkyAir** *A-series*

## Geared for comfort



- ✓ Intuitive online control
- ✓ Variable Refrigerant Temperature for optimal comfort
- ✓ Tailored to your customers' needs

## Great design flexibility, making planning easier

- ✓ More compact
- ✓ Quieter
- ✓ Extended operating range in all climate conditions

## Help is at hand, installer benefits

- ✓ Faster and easier installation and usability
- ✓ Quick & reliable replacement

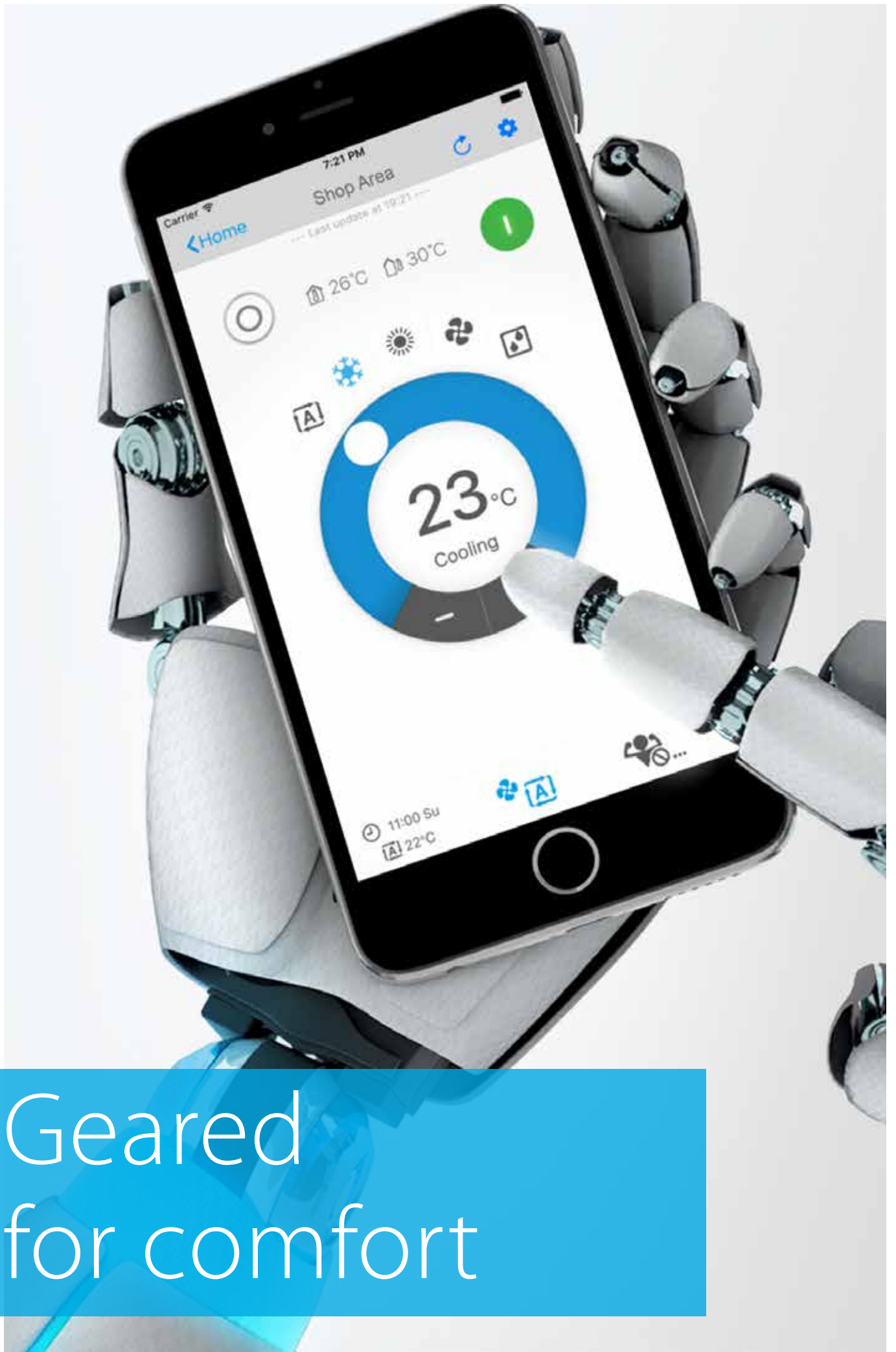
## Daikin at the heart

- ✓ Unique Daikin technologies
- ✓ Exceptionally low running costs, SEER up to 8.02
- ✓ Low environmental impact, R-32 refrigerant GWP is 68% lower than R-410A
- ✓ Equipped with tested and trusted Daikin technology

## **BLUEEVOLUTION**

R-32 is an industry revolution. Be part of it.

- › R-32 is far more environmentally friendly than previous refrigerants
- › Daikin leads the market with R-32 developments
- › First full light commercial range with R-32 in the market



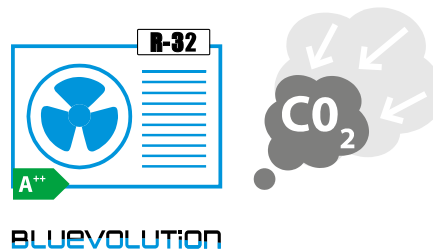
Geared  
for comfort



# Achieving the lowest environmental impact

## ✓ Europe's first light commercial system using R-32 refrigerant

- › R-32 Global Warming Potential (GWP) is 68% lower than the industry standard R-410A
- › Highest efficiency (SEER up to 8.02) in the market
- › Does not require yearly refrigerant containment checks, which reduces maintenance costs
- › 16% less refrigerant charge



## ✓ Unrivalled comfort

With the highest energy efficiencies, the Sky Air A-series uses Daikin Variable Refrigerant Technology to optimise comfort and flexibility to meet each customer's needs.

- › Eliminates cold drafts
- › Weather dependent setting
- › Quiet outdoor units

Unique and most extended indoor unit range on the market

- › Top flexibility
- › Up to 50 different indoor unit options
- › Intelligent sensors
- › Auto cleaning options
- › Quiet units



## ✓ App Control

Whether you're a small or large commercial business, our product range provides the solution to meet your needs.



Online Controller



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

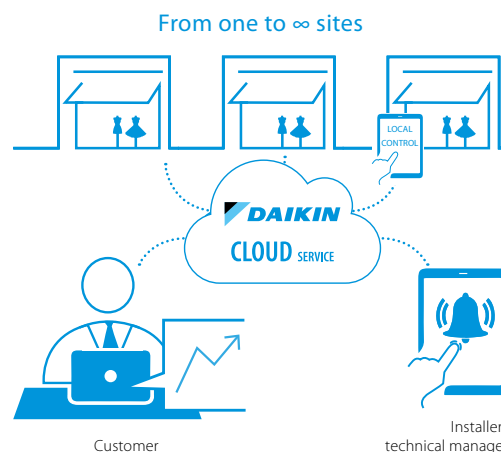


- › IFTTT is a solution that connects compatible 3rd party products and services (smart meters, lights, thermostats, ...), so they work best for you.

Intelligent Tablet Controller



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





# Flexible to design

Making planning easier

# The new Sky Air A-series, built for any Sky Air application

- ✓ Lighter and more compact units for easy installation. Unique single fan range up to 14 kW

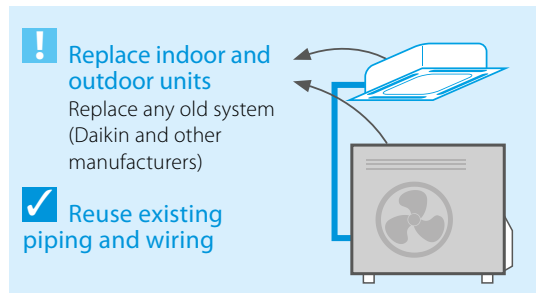


Full range below 1m in height!

- ✓ New replacement technology 

A quicker, easier and more reliable approach when replacing existing systems

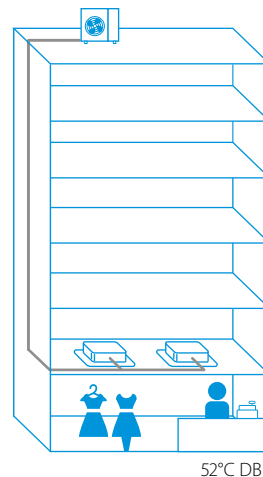
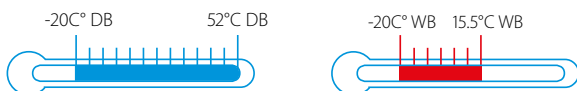
- › Reduces any potential disruption and results in a system that significantly reduces energy consumption and bills for customers
- › Hepta filtration ensures reliable operation without the need for pipe cleaning
- › Cost and time effective solution, as the indoor and outdoor units only need be to changed, while keeping the pipe-work



- ✓ Increased piping length up to 85m

- ✓ Widest operation range

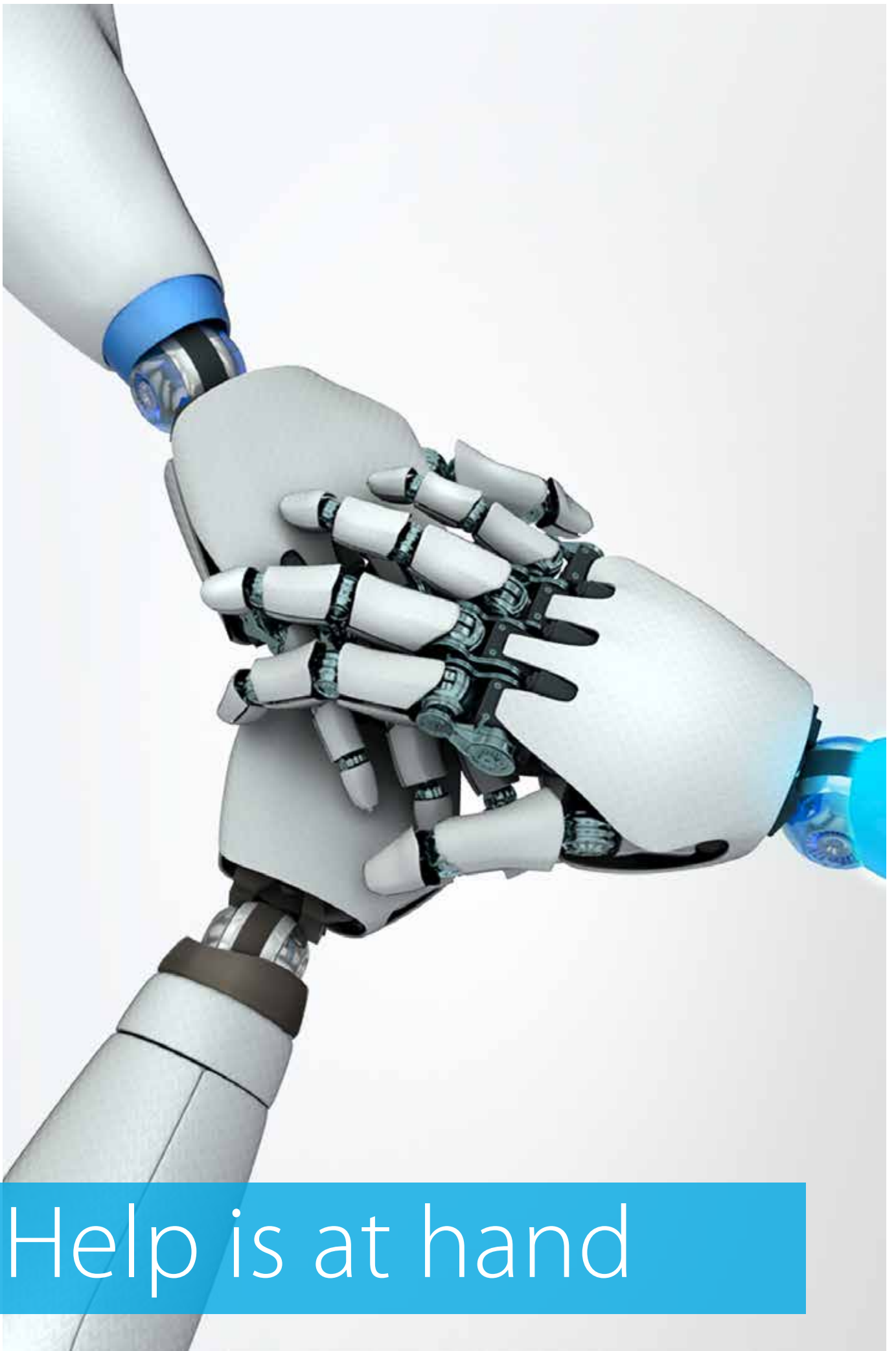
- › Cooling operation from -20°C to 52°C
- › Heating operation down to -20°C



- ✓ Full indoor unit line up available in R-32

- › Over 45 different indoor unit models





Help is at hand



# Benefits

for installers

- ✓ Faster installation with up to 40m pre-charged pipe

› Up to 60% of applications can be installed without additional refrigerant charge



- ✓ Redesigned pivoting front plate for easy access to vital system components



- ✓ New 7-segment display to view errors and systems settings



- ✓ Guaranteed reliable performance in all weather conditions

› **New refrigerant passes**

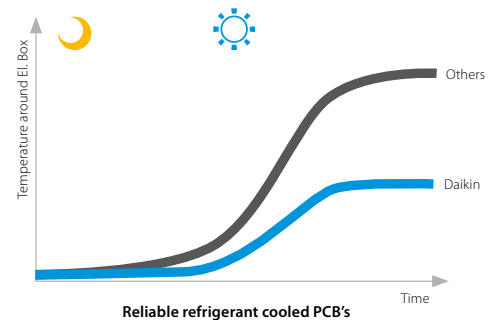
Lower part of the outdoor heat exchanger and drain holes are kept completely open and free of ice allowing ice water to evacuate perfectly, eliminating all risk of ice build-up.



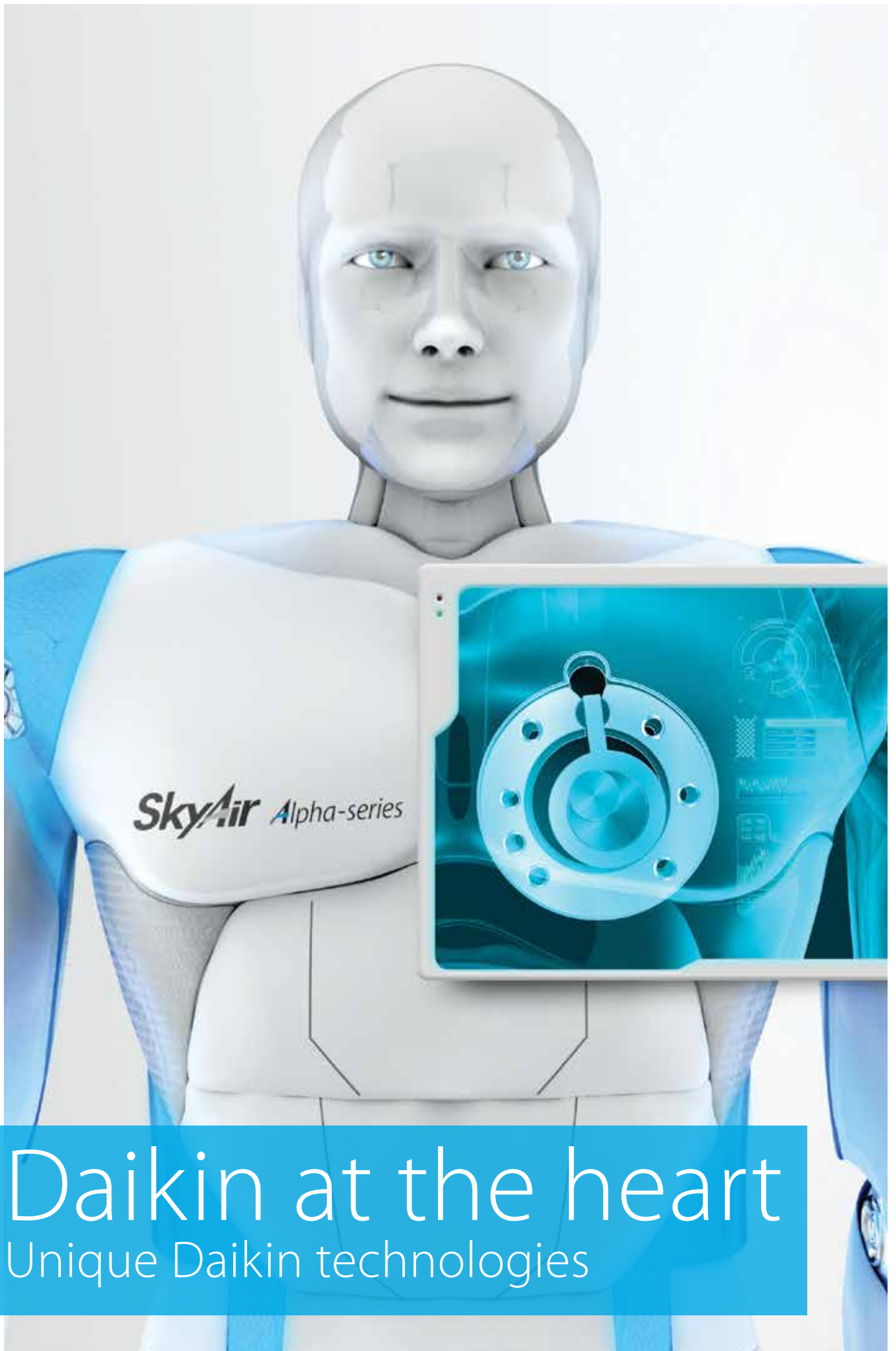
bottom plate refrigerant pass

› **Refrigerant cooled PCB's**

Reliable and stable cooling, independent from outdoor conditions



- ✓ Integrated leak-check function reduces on-site checks and improves reliability



**SkyAir** Alpha-series

# Daikin at the heart

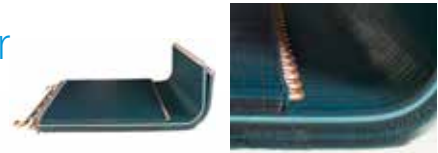
Unique Daikin technologies

# A future-proof solution,

Daikin Sky Air A-series uses patented Daikin technology at the heart of the system

## 3-row heat exchanger

- › Unique 3-row heat exchanger to allow compact casing up to 14 kW



## Refrigerant cooled PCB

## Jigsaw curved propeller



- › Curved discharge grill and Jigsaw curved propeller for minimal turbulence and optimal airflow

## Daikin swing compressor

UNIQUE & PATENTED TECHNOLOGY

**R-32**

- Integration of main moving parts into one component
- › No abrasion or friction
- › No refrigerant leakages
- › No temperature rise because of leakage
- › High compressor efficiencies
- › Increased system life span

## Bottom plate and heat exchanger refrigerant pass



- › Drain holes are kept ice free
- › Guaranteed operation down to -20°C



# The three new leaders



## Outdoor units products overview

Pair, twin, triple & double twin application

BLUEEVOLUTION

R-32

SkyAir A-series

Capacity clas

System	Type	Model	Product name	PG	Capacity clas							
					35 3.5 kW	50 5.0 kW	60 6.0 kW	71 6.8 kW	100 9.5 kW	125 12.1 kW	140 13.4 kW	
Air cooled	Heat pump	<b>SkyAir Alpha-series</b> - Industry leading technology for commercial applications - Dedicated solution for infrastructure cooling - Variable Refrigerant Temperature (RZAG-M* 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 (RZAG-M* series)	<b>R-32</b> <b>A++</b> (A+++ - D)	RZAG-A		<b>NEW</b>	<b>NEW</b>	<b>NEW</b>				
				RZAG-MV1	15							
				RZAG-MY1	15							
				RZASG-MV1	16							
				RZASG-MY1	16							
				ARXM-N9	17				<b>NEW</b>			
				AZAS-MV1	17							
				AZAS-MY1	17							
				<b>SkyAir Active-series</b> - 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	<b>R-32</b> <b>A</b> (A+++ - D)							



# Main benefit overview

		<b>SkyAir</b> Alpha-series RZAG-A / MV1 / MY1	<b>SkyAir</b> Advance-series RZASG-MV1 / MY1	<b>SkyAir</b> Active-series 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+++ - D)	(A+++ - D)	(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.	● (1)		
	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.	● (1)	●	
	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

	<b>SkyAir</b> Alpha-series	<b>SkyAir</b> Advance-series	<b>SkyAir</b> Active-series
Compact single fan casing on the entire range		●	●
Maximum piping length	85m (RZAG-MV1/MY1) / 50m (RZAG-A)	50 m	30 m
Pivoting front plate	● (1)	●	●
7 segment display	● (1)	●	●
Increased factory charge	●		
Integrated leak check	● (1)		
Refrigerant bottom plate pass	● (1)		
Specially developed R-32 swing compressor	●	●	●
Refrigerant cooled PCB	● (1)	●	●
Intelligent Tablet controller - Online controller app	●	●	●

(1) Not available on RZAG35-50-60A



# Sky Air Alpha-series

Industry leading technology for commercial applications and even for technical rooms

- › Top efficiency:
  - Energy labels up to A++ in both cooling and heating
  - compressor offers substantial efficiency improvements
- › The perfect balance in efficiency and comfort thanks to Variable Refrigerant Temperature: top seasonal efficiency throughout most of the year and quick reaction speed on the hottest days.
- › Suits high sensible, infrastructure cooling applications
- › Replace existing systems with R-32 technology without needing to replace the piping



- › Guarantees operation in both heating and cooling mode down to -20°C
- › Refrigerant cooled PCB guarantees reliable cooling, as it is not influenced by ambient temperature.
- › Maximum piping length up to 85m (50m for RZAG35, 50, 60A)
- › Outdoor units for pair, twin, triple, double twin application



RZAG100-140MV1\_MY1

## Comfort cooling combination table

**NEW**

	FCAHG-H				FCAG-B				FFA-A9			FDA-A			FDXM-F9			FBA-A(9)				FHA-A(9)				FAA-A			FTXM-N			FUA-A			FNA-A9			FVA-A										
capacity class	71	100	125	140	35	50	60	71	100	125	140	35	50	60	125	35	50	60	35	50	60	71	100	125	140	35	50	60	71	100	125	140	35	50	60	71	71	100	125	35	50	60	71	100	125	140		
RZAG35A					P							P				P			P							P																						
RZAG50A						P																																										
RZAG60A							P																																									
RZAG71MV1	RZAG71MY1	P																																														
RZAG100MV1	RZAG100MY1		P																																													
RZAG125MV1	RZAG125MY1			P																																												
RZAG140MV1	RZAG140MY1				P																																											

P=pair application; 2/3/4 = twin/tripple/double twin application

## Infrastructure cooling combination table



**NEW**

	FTXM-N				FAA-A			FHA-A(9)				FBA-A(9)				FDXM-F9			FUA-A			FNA-A9			FVA-A			FFA-A9			FCAHG-H			FCAG-B																
capacity class	35	50	60	71	71	100	35	50	60	71	100	125	140	35	50	60	71	100	125	140	35	50	60	71	100	125	140	35	50	60	71	100	125	140	35	50	60	71	100	125	140									
RZAG35A																																																		
RZAG50A																																																		
RZAG60A																																																		
RZAG71MV1	RZAG71MY1																																																	
RZAG100MV1	RZAG100MY1																																																	
RZAG125MV1	RZAG125MY1																																																	
RZAG140MV1	RZAG140MY1																																																	

P = Pair, 2 = Twin, 3 = Triple, 4 = Double twin; For more information on infrastructure cooling options refer to infrastructure cooling catalogue.

More details and final information can be found on [my.daikin.eu](http://my.daikin.eu)



RZAG-A



RZAG-MV1



RZAG-MY1

**NEW**

Outdoor unit			RZAG	35A	50A	60A	71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1			
Dimensions	Unit	HeightxWidthxDepth	mm	734x870x373			990x940x320		1,430x940x320			990x940x320		1,430x940x320			
Weight	Unit		kg	52			70		92			70		92			
Sound power level	Cooling		dBA	62	63	64	64	66	69	70	65	66	69	70			
	Heating		dBA	62	63	64	-	-	69	70	-	-	69	70			
Sound pressure level	Cooling	Nom.	dBA	48	49	50	46	47	50	51	46	47	50	51			
	Heating	Nom.	dBA	48	49	50	49	51	52	49	51	52	49	51			
Operation range	Cooling	Ambient	Min.~Max.	-20 / +52								-20~52					
	Heating	Ambient	Min.~Max.	-20 / +24								-20~18.0					
Refrigerant	Type/GWP			R32 / 675								R-32/675					
	Charge		kg/TCO2Eq	1.55/1.05			2.95/1.99		3.75/2.53			2.95/1.99		3.75/2.53			
Piping connections	Liquid/Gas	OD	mm	6.4 / 9.52		6.4/12.7						9.52/15.9					
	Piping length	OU - IU	Max.	m				55		85			55		85		
		System	Equivalent	m	50				75		100			75		100	
		Chargeless	m	30								40					
		Additional refrigerant charge		kg/m									See installation manual				
	Level difference	IU - OU	Max.	m				30				30.0					
Power supply	Phase/Frequency/Voltage		Hz/V	Single / 50 / 230				1~/50/220-240				3~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)		A	16	16	20	20	32			16						

# 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



RZASG100-140MV1\_MY1

## 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				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	2	
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](http://my.daikin.eu)

Outdoor unit		RZASG/RZASG		71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1	
Dimensions	Unit	HeightxWidthxDpeth	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/CO2Eq	2.45/1.65	2.60/1.76		2.90/1.96	2.60/1.76		2.90/1.96	
Piping connections	Liquid/Gas	OD	mm	952/15.9							
	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			



# Sky Air Active-series

Ideal solution for busy environments and small shops

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



- › Guarantees operation in heating mode down to -15°C and in cooling mode down to -5°C
- › Refrigerant cooled PCB guarantees reliable cooling, as it is not influenced by ambient temperature (AZAS only).
- › Piping length up to 30m
- › Exclusively offered for pair applications



AZAS100-140MV1\_MY1

## Pair application

**NEW**

Capacity class	FCAG-B				FBA-A(9)				FAA-A				ADEA-A		
	71	100	125	140	71	100	125	140	71	100	125	140	71	100	125
<b>NEW</b> ARXM-N9	P				P				P				P		
AZAS-MV1		P	P	P		P	P	P		P				P	P
AZAS-MY1		P	P	P		P	P	P		P					

P = pair application

More details and final information can be found on [my.daikin.eu](http://my.daikin.eu)



AZAS-MV1


















AZAS-MY1

**NEW**

Outdoor unit		AZAS	ARXM71N9	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1
Dimensions	Unit	734x870x373		990x940x320					
Weight	Unit	kg		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	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			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		9.52/15.9			
	Piping length	OU - IU	Max.	m		30			
		System	Equivalent	m	-		50		
			Chargeless	m	10		30		
	Additional refrigerant charge	kg/m	See installation manual						
	Level difference	IU - OU	Max.	m		30.0			
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240		1~/50/220-240		3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)	A	16	25	32		16		

# Product overview *SkyAir*

Type	Model	Product name	PG					
Ceiling mounted cassette	<b>UNIQUE</b> High COP, Round flow cassette	<b>NEW</b> Black and designer panels	FCAHG-H		27	<b>360° air discharge for the highest efficiency and comfort</b> - 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		
	<b>UNIQUE</b> Round flow cassette	<b>NEW</b> Black and designer panels	FCAG-B		28/31	<b>360° air discharge for the highest efficiency and comfort</b> - 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		
	<b>UNIQUE</b> Fully flat cassette		FFA-A9		32/35	<b>Unique design in the market that integrates fully flat into the ceiling</b> - 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	<b>Auto cleaning option</b>	<b>Multi zoning option</b>	FDXM-F9		36/39	<b>Slim design for flexible installation</b> - 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		<b>Multi zoning option</b>	FBA-A(9)		40/43	<b>Slimmest yet most powerful medium static pressure unit on the market!</b> - Slimmest unit in class, only 245mm - Low operating sound level - Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths - Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort	
	Concealed ceiling unit with high ESP			FDA-A		44	<b>ESP up to 200Pa, ideal for large sized buildings</b> - 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	
	<b>NEW</b> Concealed ceiling unit			ADEA-A		45	<b>Ideal for residential applications with false ceilings</b> - 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		46/48	<b>For rooms with no false ceilings nor free floor space</b> - 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	
	<b>NEW</b> Perfera wall mounted unit			FTXM-N		49	<b>For rooms with no false ceilings nor free floor space</b> - Practically inaudible - 2 area motion detection sensor - Flash streamer technology - 3D air flow	
Ceiling suspended	Ceiling suspended unit			FHA-A(9)		50/52	<b>For wide rooms with no false ceilings nor free floor space</b> - 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	
	<b>UNIQUE</b> 4-way blow ceiling suspended unit			FUA-A		54/55	<b>Unique Daikin unit for high rooms with no false ceilings nor free floor space</b> - 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		56/57	<b>For spaces with high ceilings</b> - 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		58/59	<b>Designed to be concealed in walls, only grilles remain visible</b> - 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	





1) Twin, triple, double twin application is only possible up to 125 class

# Full R-32 BLUEEVOLUTION line up

Indoor units

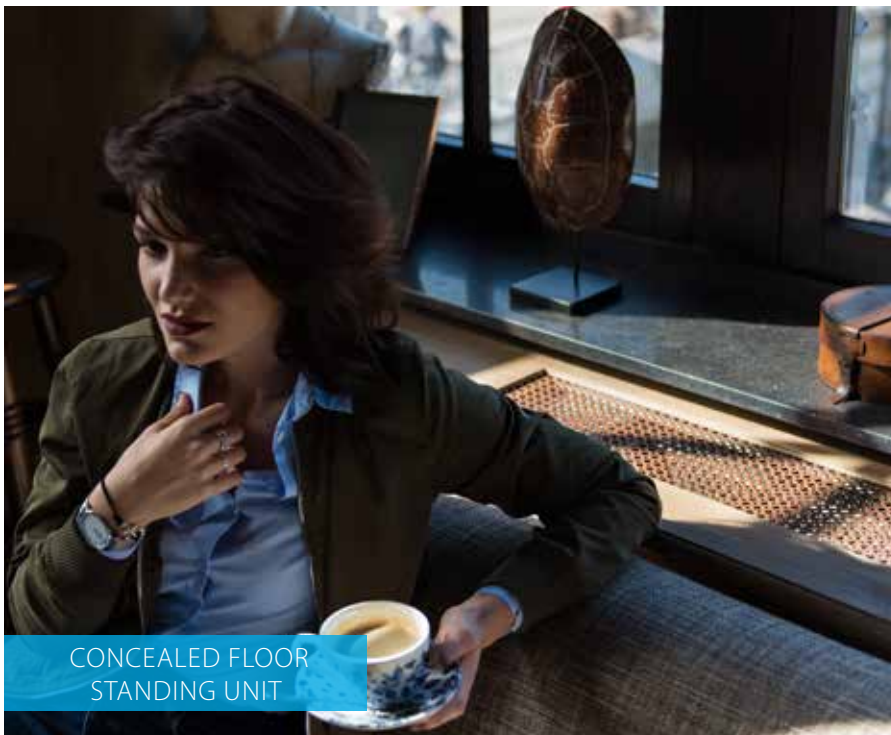
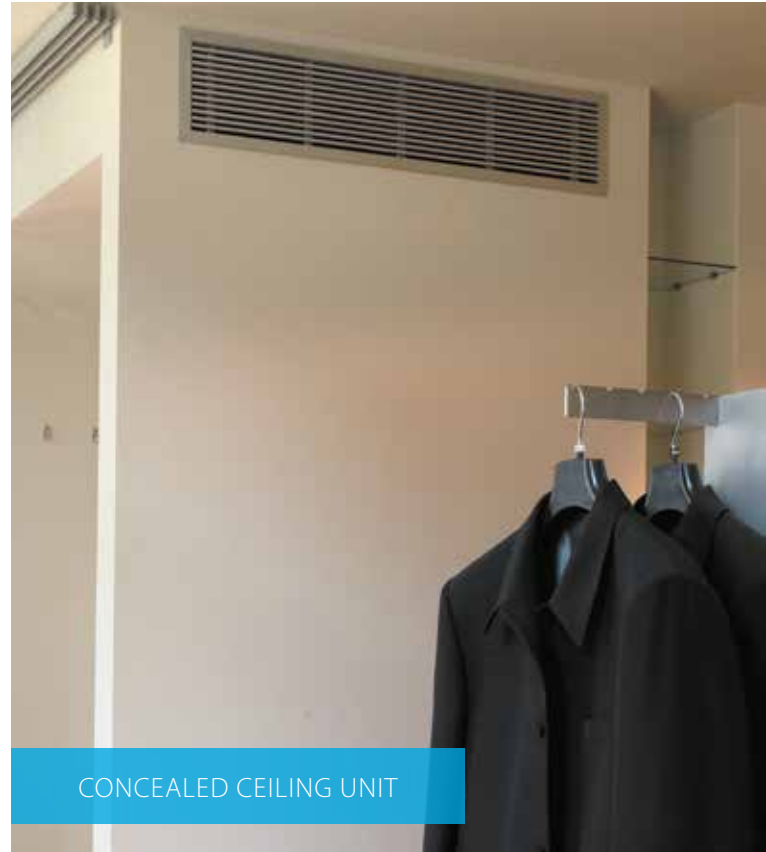
Capacity class										Outdoor unit combination						
										R-32			R-410A			
25	35	50	60	71	100	125	140	200	250	<i>SkyAir</i> Alpha-series RZAG*	<i>SkyAir</i> Advance-series RZASG*	<i>SkyAir</i> Active-series ARXM*/ AZAS*	Seasonal Smart RZQG*	Seasonal Classic RZQSG*	AZQS*	Super Investor RZQ*
		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

# Benefits overview *SkyAir*

We care		Seasonal efficiency - Smart use of energy	Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season.
		Home leave operation	During absence, the indoor temperature can be maintained at a certain level.
		Fan only	The air conditioner can be used as fan, blowing air without cooling or heating.
		Auto cleaning filter	The filter automatically cleans itself. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance.
		Floor and presence sensor	The presence sensor directs the air away from any person detected in the room, when the air flow control is on. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor.
Comfort		Draught prevention	When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired.
		Whisper quiet	Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood.
		Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature.
Air treatment		Air filter	Removes airborne dust particles to ensure a steady supply of clean air.
Humidity control		Dry programme	Allows humidity levels to be reduced without variations in room temperature.
Air flow		Ceiling soiling prevention	A special function prevents air blowing out too long in horizontal position, to prevent ceiling stains.
		Vertical auto swing	Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution.
		Fan speed steps	Allows to select up to the given number of fan speed.
		Individual flap control	Individual flap control via the wired remote controller makes it simple to fix the position of each flap individually, to suit any new room configuration. Optional closure kits are available as well.
Remote control & timer		Online controller	Can control and monitor the status of your Daikin heating or air conditioning system
		Weekly timer	Timer can be set to start operation anytime on a daily or weekly basis
		Infrared remote control	Infrared remote control with LCD to start, stop and regulate the air conditioner from a distance.
		Wired remote control	Wired remote control to start, stop and regulate the air conditioner from a distance.
		Centralised control	Centralised control to start, stop and regulate several air conditioners from one central point.
		Multi zoning	Allows up to 6 individual climate zones with one indoor unit
Other functions		Infrastructure cooling	Remove in a reliable, efficient and flexible way the heat constantly generated by the IT and server equipment to ensure maximum uptime while offering the best return on investment (RZAG* or RZQG* outdoor unit must be used).
		Auto-restart	The unit restarts automatically at the original settings after power failure.
		Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies.
		Drain pump kit	Facilitates condensation draining from the indoor unit.
		Twin/triple/double twin application	2, 3 or 4 indoor units can be connected to only 1 outdoor unit. All indoor units operate within the same mode (cooling or heating) from one remote control.
		Multi model application	Up to 5 indoor units (even different capacities) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.
		VRV for residential application	Up to 9 indoor units (even different capacities and up to 71 class) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.



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







# Round flow cassette



## 360° air discharge for improved comfort

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

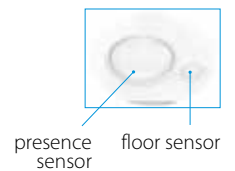
**NEW**

## 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.

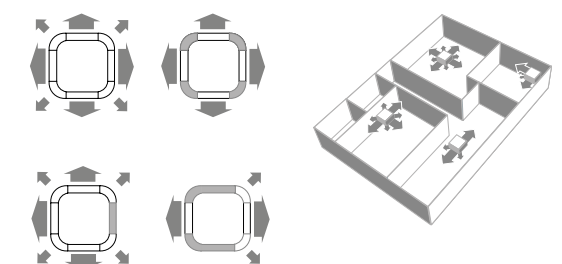
## Intelligent sensors improve efficiency and comfort even more

- › 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

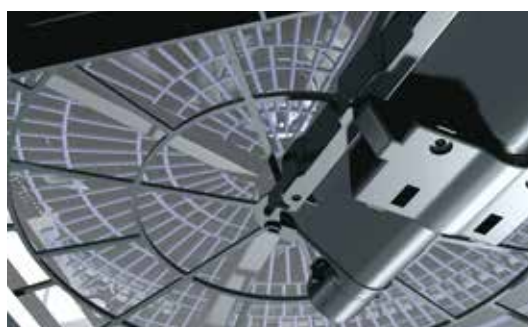
- › Flaps can be individually controlled or closed using the wired remote control, to suit room configuration. Optional closure kits are also available.



## Auto cleaning filter

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

\* Available as an option



**NEW**

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

## Standard panels available in white and black

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



BYCQ140E  
white standard panel



BYCQ140EW  
Full white standard panel



BYCQ140EB  
black standard panel

## Auto cleaning panels available in white and black

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



BYCQ140EG  
White auto cleaning panel



BYCQ140EG(F)  
White auto cleaning panel  
with fine dust filter



BYCQ140EGFB  
Black auto cleaning panel  
with fine dust filter

## Designer panel in white and black

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



White BYCQ140EP  
White designer panel panel



BYCQ140EPB  
Black designer panel





ROUND FLOW CASSETTE, BLACK DESIGNER PANEL



ROUND FLOW CASSETTE AUTO CLEANING PANEL WITH FINE MESH FILTER



# High COP, round flow cassette

360° air discharge for optimum efficiency and comfort

- › High COP cassette ensures top performance and great energy savings
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter
- › Two optional intelligent sensors improve energy efficiency and comfort
- NEW** › Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- NEW** › Bigger flaps improve equal air distribution
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed



Efficiency data		FCAHG + RZAG	71H + 71MV1	100H + 100MV1	125H + 125MV1	140H + 140MV1	71H + 71MY1	100H + 100MY1	125H + 125MY1	140H + 140MY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5		
Space cooling	Energy efficiency class		A++				A++					
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER			7.72	7.35	8.02	7.93	7.72	7.35	8.02	7.93	
	ηs,c		%	-	-	318	314	-	-	318	314	
	Annual energy consumption		kWh/a	308	452	905	1,014	308	452	905	1,014	
Space heating (Average climate)	Energy efficiency class		A++				A++					
	Capacity	Pdesign	kW	4.70	-	9.52	4.70	-	9.52	-		
	SCOP/A			4.61	4.81	4.53	4.44	4.61	4.81	4.53	4.44	
	ηs,h		%	-	-	178	175	-	-	178	175	
	Annual energy consumption		kWh/a	1,427	2,771	2,942	3,002	1,427	2,771	2,942	3,002	
<b>Indoor unit</b>		<b>FCAHG</b>	<b>71H</b>	<b>100H</b>	<b>125H</b>	<b>140H</b>	<b>71H</b>	<b>100H</b>	<b>125H</b>	<b>140H</b>		
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 (F = fine mesh): BYCQ140EG(F) - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black									
	Dimensions	HeightxWidthxDepth	mm									
	Weight		kg									
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	12.2/16.7/21.2	19.0/25.7/32.3	19.9/26.7/33.5	21.1/27.3/33.5	12.2/16.7/21.2	19.0/25.7/32.3	19.9/26.7/33.5	21.1/27.3/33.5
		Heating	Low/Medium/High	m³/min	12.2/16.7/21.2	19.0/25.7/32.3	19.9/26.7/33.5	21.1/27.3/33.5	12.2/16.7/21.2	19.0/25.7/32.3	19.9/26.7/33.5	21.1/27.3/33.5
Sound power level	Cooling		dBA	53		61		53		61		
	Heating		dBA	53		61		53		61		
Sound pressure level	Cooling	Low/High	dBA	29/36	33/44	35/45	37/45	29/36	33/44	35/45	37/45	
	Heating	Low/High	dBA	29/36	33/44	35/45	37/45	29/36	33/44	35/45	37/45	
Control systems	Infrared remote control		BRC7FA532F									
	Wired remote control		BRC1H519W/S/K, BRC1E53A/B/C, BRC1D52									
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220									
<b>Outdoor unit</b>		<b>RZAG</b>	<b>71MV1</b>	<b>100MV1</b>	<b>125MV1</b>	<b>140MV1</b>	<b>71MY1</b>	<b>100MY1</b>	<b>125MY1</b>	<b>140MY1</b>		
Dimensions	Unit	HeightxWidthxDepth	mm		990x940x320		1,430x940x320		990x940x320			
Weight	Unit		kg		70		92		70			
Sound power level	Cooling		dBA	64	66	69	70	65	66	69	70	
	Heating		dBA	-	-	69	70	-	-	69	70	
Sound pressure level	Cooling	Nom.	dBA	46	47	50	51	46	47	50	51	
	Heating	Nom.	dBA	49	51		52	49	51		52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB								
	Heating	Ambient	Min.~Max.	°CWB								
Refrigerant	Type/GWP		R-32/675									
	Charge	kg/CO2Eq	2.95/1.99	3.75/2.53			2.95/1.99	3.75/2.53				
Piping connections	Liquid/Gas	OD	mm									
	Piping length	OU - IU	Max.	m				55	85			
		System	Equivalent	m				75	100			
			Chargeless	m								
			Additional refrigerant charge	kg/m								
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3~/50/380-415					
	Current - 50Hz	Maximum fuse amps (MFA)	A	20	32			16				

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



# Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- NEW** › Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- NEW** › Bigger flaps improve equal air distribution
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed
- NEW** › RZAG-A mini Sky Air Alpha-series includes technical cooling function!



Efficiency data		FCAG + RZAG		35A + 35A	50A + 50A	60A + 60A	71A + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	71A + 71MY1	100A + 100MY1	125A + 125MY1	140A + 140MY1		
Cooling capacity	Nom.	kW		3,5	5,0	6,0	6,80	9,50	12,1	13,4	6,80	9,50	12,1	13,4		
Heating capacity	Nom.	kW		4,0	5,8	7,0	7,50	10,8	13,5	15,5	7,50	10,8	13,5	15,5		
Space cooling	Energy efficiency class			A++			A++					A++				
	Capacity	Pdesign	kW	3,5	5,0	6,0	6,80	9,50	12,1	13,4	6,80	9,50	12,1	13,4		
	SEER			7,30	6,80	6,60	6,86	7,14	7,80	7,17	6,86	7,14	7,80	7,17		
	ηs,c		%	-			-			309	284	-		309	284	
Space heating (Average climate)	Annual energy consumption	kWh/a		-			347	466	931	1,121	347	466	931	1,121		
	Energy efficiency class			A+			A+	A++	-		A+	A++	-			
	Capacity	Pdesign	kW	3,3	4,3	4,6	4,70	7,80	9,52		4,70	7,80	9,52			
	SCOP/A			4,30	4,30	4,25	4,41	4,61	4,34		4,41	4,61	4,34			
	ηs,h		%	-			-			171	-		171			
	Annual energy consumption	kWh/a		-			1,492	2,369	3,071		1,492	2,369	3,071			
<b>Indoor unit</b>		<b>FCAG</b>		<b>35A</b>	<b>50A</b>	<b>60A</b>	<b>71A</b>	<b>100A</b>	<b>125A</b>	<b>140A</b>	<b>71A</b>	<b>100A</b>	<b>125A</b>	<b>140A</b>		
Dimensions	Unit	HeightxWidthxDpeth	mm	204x840x840			246x840x840			204x840x840		246x840x840				
Weight	Unit		kg	18			19			21		24				
Air filter	Type			Resin net												
Decoration panel	Model			Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels (F = fine mesh): BYCQ140EG(F) - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black												
	Dimensions	HeightxWidthxDpeth	mm	Standard panels: 50x950x950 / Auto cleaning panels: 130x950x950 / Designer panels: 50x950x950												
	Weight		kg	Standard panels: 5,4 / Auto cleaning panels: 10,3 / Designer panels: 5,4												
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	8,7/10,6/12,5	8,7/10,7/12,6	8,7/11,2/13,6	9,3/12,5/15,3	12,4/17,6/22,8	12,4/19,2/26,0	9,3/12,5/15,3	12,4/17,6/22,8	12,4/19,2/26,0	9,3/12,5/15,3	12,4/17,6/22,8	
		Heating	Low/Medium/High	m³/min	9,3/11,6/13,9	8,7/10,7/12,6	8,7/11,2/13,6	9,1/12,1/15,0	12,4/17,6/22,8	12,4/19,2/26,0	9,1/12,1/15,0	12,4/17,6/22,8	12,4/19,2/26,0	9,1/12,1/15,0	12,4/17,6/22,8	
Sound power level	Cooling			dBA	49			51	54	58	51	54	58	51	54	
		Heating		dBA	49			51	54	58	51	54	58	51	54	
Sound pressure level	Cooling	Low/High		dBA	27/31			28/35	29/37	29/41	28/35	29/37	29/41	28/35	29/37	
		Heating	Low/High		dBA	27/31			28/33	29/37	29/41	28/33	29/37	29/41	28/33	29/37
Control systems	Infrared remote control	BRC7FA532F / BRC7FA532FB														
	Wired remote control	BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52														
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220												
<b>Outdoor unit</b>		<b>RZAG</b>		<b>35A</b>	<b>50A</b>	<b>60A</b>	<b>71MV1</b>	<b>100MV1</b>	<b>125MV1</b>	<b>140MV1</b>	<b>71MY1</b>	<b>100MY1</b>	<b>125MY1</b>	<b>140MY1</b>		
Dimensions	Unit	HeightxWidthxDpeth	mm	734x870x373			990x940x320			1,430x940x320		990x940x320		1,430x940x320		
Weight	Unit		kg	52			70			92		70		92		
Sound power level	Cooling			dBA	62	63	64	64	66	69	70	65	66	69	70	
		Heating		dBA	62	63	64	-	69	70	-	69	70	-	69	70
Sound pressure level	Cooling	Nom.		dBA	48	49	50	46	47	50	51	46	47	50	51	
		Heating	Nom.		dBA	48	49	50	49	51	52	49	51	52	52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20 / +52			-20~52								
		Heating	Ambient	Min.~Max.	°CWB	-20 / +24			-20~18,0							
Refrigerant	Type/GWP	R32 / 675														
	Charge		kg/CO2Eq	1,55/1,05			2,95/1,99		3,75/2,53		2,95/1,99		3,75/2,53			
Piping connections	Liquid/Gas	OD		6,4 / 9,52		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	See installation manual												
	Level difference	IU - OU	Max.	m			30			30,0						
Power supply	Phase/Frequency/Voltage		Hz/V	Single / 50 / 230			1~/50/220-240			3~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)		A	16	16	20	20	32		16						

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

\*Note: blue cells contain preliminary data



# Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with Sky Air Advance-series ensures good value for money for all types of commercial applications
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- NEW** › Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- NEW** › Bigger flaps improve equal air distribution
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed



Efficiency data		FCAG + RZASG	71B + 71MV1	100B + 100MV1	125B + 125MV1	140B + 140MV1	100B + 100MY1	125B + 125MY1	140B + 140MY1	
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5	
Space cooling	Energy efficiency class		A++			-	A++			
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4
	SEER		6.47	6.55	5.76	6.53	6.55	5.76	6.53	
	ηs,c		%	-	227	258	-	227	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+	-	A+			
	Capacity	Pdesign	kW	4.50	6.00	7.80	6.00	7.80	7.80	
	SCOP/A		4.00	4.17	4.05	4.31	4.17	4.05	4.31	
	ηs,h		%	-	159	169	-	159	169	
	Annual energy consumption		kWh/a	1,575	2,016	2,074	2,534	2,016	2,534	
Indoor unit		FCAG	71B	100B	125B	140B	100B	125B	140B	
Dimensions	Unit	HeightxWidthxDepth	204x840x840			246x840x840				
Weight	Unit	kg	21	24						
Air filter	Type	Resin net								
Decoration panel	Model	Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels (F = fine mesh): BYCQ140EG(F) - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black								
	Dimensions	HeightxWidthxDepth	Standard panels: 50x950x950 / Auto cleaning panels: 130x950x950 / Designer panels: 50x950x950							
	Weight	kg	Standard panels: 5.4 / Auto cleaning panels: 10.3 / Designer panels: 5.4							
Fan	Air flow rate	Cooling	Low/Medium/High	m <sup>3</sup> /min	9.3/12.5 / 15.3	12.4/17.6 / 22.8	12.4/19.2 / 26.0	12.4/17.6 / 22.8	12.4/19.2 / 26.0	
		Heating	Low/Medium/High	m <sup>3</sup> /min	9.1/12.1 / 15.0	12.4/17.6 / 22.8	12.4/19.2 / 26.0	12.4/17.6 / 22.8	12.4/19.2 / 26.0	
Sound power level	Cooling		dB(A)	51	54	58	54	58		
	Heating		dB(A)	51	54	58	54	58		
Sound pressure level	Cooling	Low/High	dB(A)	28/35	29/37	29/41	29/37	29/41		
	Heating	Low/High	dB(A)	28/33	29/37	29/41	29/37	29/41		
Control systems	Infrared remote control	BRC7FA532F / BRC7FA532FB								
	Wired remote control	BRC1H519W/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	770x900x320			990x940x320				
Weight	Unit	kg	60	70	71	78	70	71	77	
Sound power level	Cooling		dB(A)	65	70	71	73	70	71	
	Heating		dB(A)	-	-	71	73	-	71	
Sound pressure level	Cooling	Nom.	dB(A)	46	53	54	53	54		
	Heating	Nom.	dB(A)	47	-	-	57	-		
Operation range	Cooling	Ambient	Min.~Max.	-15~46						
	Heating	Ambient	Min.~Max.	-15~-15.5						
Refrigerant	Type/GWP	R-32/675								
	Charge	kg/CO <sub>2</sub> Eq	2.45/1.65	2.60/1.76	2.90/1.96	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	70						
		Chargeless	m	30						
		Additional refrigerant charge	kg/m	See installation manual						
Power supply	Level difference	IU - OU	Max.	30.0						
	Phase/Frequency/Voltage	Hz/V	1~/50/220-240			3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32	16				

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





# Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Ideal solution for small businesses and shops
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- NEW** › Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- NEW** › Bigger flaps improve equal air distribution
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed



**NEW**

Efficiency data		FCAG + ARXM/AZAS	71B + ARXM71	100B + 100MV1	125B + 125MV1	140B + 140MV1	100B + 100MY1	125B + 125MY1	140B + 140MY1
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5
Space cooling	Energy efficiency class		A+	A+			A+		
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.0	9.50	12.1
	SEER		5.57	5.67	5.40	6.00	5.67	5.40	6.00
	ηs,c		%	-	-	213	237	-	213
	Annual energy consumption		kWh/a	-	586	1,345	1,300	586	1,345
Space heating (Average climate)	Energy efficiency class		A	A			A		
	Capacity	Pdesign	kW	4.50		6.00		6.00	
	SCOP/A		3.81	3.85	3.80	4.31	3.85	3.80	4.31
	ηs,h		%	-	-	149	169	-	149
	Annual energy consumption		kWh/a	-	2,182	2,211	2,534	2,182	2,211
<b>Indoor unit</b>		<b>FCAG</b>	<b>71B</b>	<b>100B</b>	<b>125B</b>	<b>140B</b>	<b>100B</b>	<b>125B</b>	<b>140B</b>
Dimensions	Unit	HeightxWidthxDepth	204x840x840		246x840x840				
Weight	Unit		21	24					
Air filter	Type		Resin net						
Decoration panel	Model		Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels (F = fine mesh): BYCQ140EG(F) - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black						
	Dimensions	HeightxWidthxDepth	Standard panels: 50x950x950 / Auto cleaning panels: 130x950x950 / Designer panels: 50x950x950						
Fan	Weight		Standard panels: 5.4 / Auto cleaning panels: 10.3 / Designer panels: 5.4						
	Air flow rate	Cooling	Low/Medium/High	m <sup>3</sup> /min	9.3/12.5/15.3	12.4/17.6/22.8	12.4/19.2/26.0	12.4/17.6/22.8	12.4/19.2/26.0
Sound power level	Heating	Low/Medium/High	m <sup>3</sup> /min	9.1/12.1/15.0	12.4/17.6/22.8	12.4/19.2/26.0	12.4/17.6/22.8	12.4/19.2/26.0	
	Cooling		dB(A)	51	54	58	54	58	
Sound pressure level	Heating		dB(A)	51	54	58	54	58	
	Cooling	Low/High	dB(A)	28/35	29/37	29/41	29/37	29/41	
Control systems	Heating	Low/High	dB(A)	28/33	29/37	29/41	29/37	29/41	
	Infrared remote control		BRC7FA532F / BRC7FA532FB						
Power supply	Wired remote control		BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52						
	Phase/Frequency/Voltage		1~/50/60/220-240/220						
<b>Outdoor unit</b>		<b>ARXM/AZAS</b>	<b>ARXM71N9</b>	<b>100MV1</b>	<b>125MV1</b>	<b>140MV1</b>	<b>100MY1</b>	<b>125MY1</b>	<b>140MY1</b>
Dimensions	Unit	HeightxWidthxDepth	734x870x373		990x940x320				
Weight	Unit		50	70	71	78	70	77	
Sound power level	Cooling		65	70	71	73	70	73	
	Heating		65	-	71	73	-	71	
Sound pressure level	Cooling	Nom.	52	53	54	53	54		
	Heating	Nom.	52			57			
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46			
	Heating	Ambient	Min.~Max.	°CWB		-15~18			
Refrigerant	Type/GWP		R-32/675			R-32/675			
	Charge		kg/CO <sub>2</sub> Eq	1.15 / 0.78	2.60/1.76	2.90/1.96	2.60/1.76	2.90/1.96	
Piping connections	Liquid/Gas	OD	mm		9.52/15.9				
	Piping length	OU - IU	Max.	m	20				
		System	Equivalent	m	-				
		Chargeless	m	10					
	Additional refrigerant charge		kg/m	See installation manual					
Power supply	Level difference	IU - OU	Max.	m	15				
	Phase/Frequency/Voltage		Hz/V	1~/50/220-240			3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)	A	16	25	32	16			

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

\*Note: blue cells contain preliminary data



# Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with split outdoor units is ideal for small retail, offices or residential applications
- › Ideal solution for small businesses and shops
- › Automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)
- › Two optional intelligent sensors improve energy efficiency and comfort
- NEW** › Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- NEW** › Bigger flaps improve equal air distribution
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed



Efficiency data		FCAG + RXM		35B + 35N9	50B + 50N9	60B + 60N9	
Cooling capacity	Nom.		kW	3.50	5.00	5.70	
Heating capacity	Nom.		kW	4.20	6.00	7.00	
Power input	Cooling	Nom.	kW	0.94	1.39	1.72	
	Heating	Nom.	kW	1.11	1.62	2.07	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		A++			
		Pdesign	kW	3.50	5.00	5.70	
		SEER		6.35	6.54	6.40	
		Annual energy consumption	kWh	193	266	312	
	Heating (Average climate)	Energy efficiency class		A++			
		Pdesign	kW	3.32	4.36	A+	4.71
		SCOP/A		4.90	4.30	4.20	
		Annual energy consumption	kWh	948	1,419	1,569	
Indoor unit		FCAG		35B	50B	60B	
Dimensions	Unit	HeightxWidthxDepth		mm			
Weight	Unit			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 (F = fine mesh): BYCQ140EG(F) - white / BYCQ140EGFB - black					
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	Standard panels: 5.4 / Auto cleaning panels: 10.3 / Designer panels: 5.4		
					Heating	Low/Medium/High	m³/min
Sound power level	Cooling	Low/High	dBA	Standard panels: 8.7/10.6/12.5			
				Heating	Low/High	dBA	8.7/10.7/12.6
Sound pressure level	Cooling	Low/High	dBA				49
				Heating	Low/High	dBA	49
Control systems	Infrared remote control	27/31					28/33
		Wired remote control	27/31				28/33
Power supply	Phase/Frequency/Voltage		BRC7FA532F / BRC7FA532FB				
		BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52					
		1~/50/60/220-240/220					
Outdoor unit		RXM		35N9	50N9	60N9	
Dimensions	Unit	HeightxWidthxDepth		mm			
Weight	Unit	kg					
Sound power level	Cooling			61	62.0	63.0	
	Heating			61	62.0	63.0	
Sound pressure level	Cooling	Nom.		49	48.0		
	Heating	Nom.			49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB			
	Heating	Ambient	Min.~Max.	°CWB			
Refrigerant	Type	R-32					
	GWP	675.0					
Piping connections	Charge	kg/CO2Eq					
	Liquid	OD	mm				
Gas	OD	mm					
	Piping	OU - IU	Max.	m			
length	System	Chargeless					
	Additional refrigerant charge	kg/m					
Power supply	Level difference	IU - OU	Max.	m			
	Phase/Frequency/Voltage	Hz/V					
Current - 50Hz	Maximum fuse amps (MFA)	A					

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

\*Note: blue cells contain preliminary data

# 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.

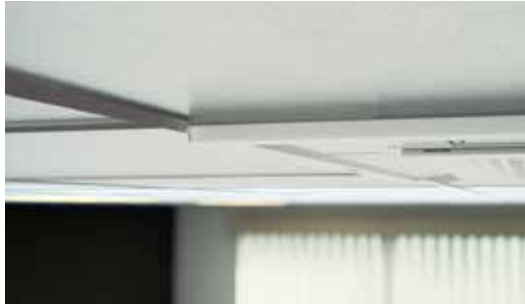
## Benefits for the consultant

- > 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

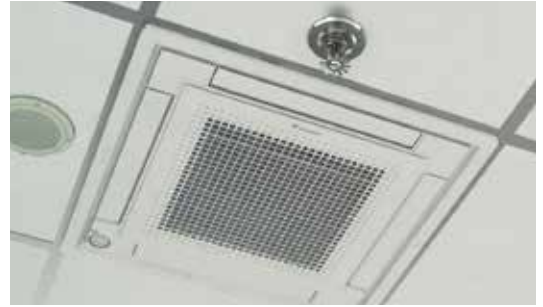
- > Engineering excellence and unique design in one
- > Most quiet unit (25dBA)
- > Perfect working conditions: no more cold draughts
- > Save up to 27% on your energy bill thanks to the optional sensors
- > Flexible usage of space and suits any room configuration thanks to individual flap control
-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

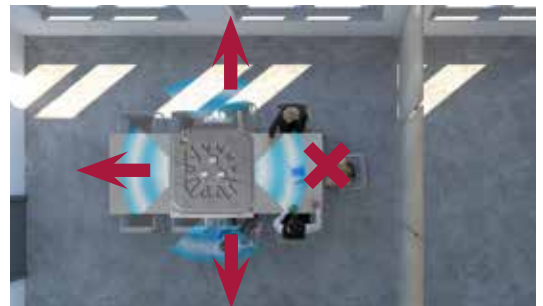
- › Detects the temperature difference and re-directs the airflow to ensure even temperature distribution.



### 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](https://www.daikin.eu/en_us/product-group/fully-flat-cassette.html)
- › [www.youtube.com/DaikinEurope](https://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



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

Efficiency data		FFA + RZAG		35A9 + 35A		50A9 + 50A		60A9 + 60A			
Cooling capacity	Nom.	kW		3.5		5.0		6.0			
Heating capacity	Nom.	kW		4.0		5.8		7.0			
Power input	Cooling	Nom.	kW		-		-		-		
	Heating	Nom.	kW		-		-		-		
Space cooling	Energy efficiency class		A++		A++		A+		A+		
	Capacity	Pdesign	kW		3.5		5		6		
	SEER			6.40		6.3		5.80			
	Annual energy consumption		kWh/a		-		-		-		
Space heating (Average climate)	Energy efficiency class		A		A		A+		A+		
	Capacity	Pdesign	kW		4.2		4.3		4.5		
	SCOP/A			3.80		4.01		4.04			
	Annual energy consumption		kWh/a		-		-		-		
Indoor unit		FFA		35A9		50A9		60A9			
Dimensions	Unit	HeightxWidthxDPTH		mm		260x575x575		260x575x575			
Weight	Unit	kg		16.0		17.5		17.5			
Air filter	Type	Resin net									
Decoration panel	Model	BYFQ60C2W1W/BYFQ60C2W1S/BYFQ60B2W1/BYFQ60B3W1									
	Colour	White (N9.5)/SILVER/White (RAL9010)/WHITE (RAL9010)									
Fan	Dimensions	HeightxWidthxDPTH		mm		46x620x620 / 46x620x620 / 55x700x700 / 55x700x700					
	Weight	kg		2.8/2.8/2.7/2.7							
Sound power level	Cooling	Air flow rate	Low/Medium/High	m <sup>3</sup> /min	6.5/8.5/10.0		7.5/10.0/12.0		9.5/12.5/14.5		
		Heating	Low/Medium/High	m <sup>3</sup> /min	6.5/8.5/10.0		7.5/10.0/12.0		9.5/12.5/14.5		
Sound pressure level	Cooling	Low/High	dBA		51		56		60		
		Heating	Low/High	dBA		25.0/34.0		27.0/39.0		32.0/43.0	
Control systems	Infrared remote control	BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel)									
	Wired remote control	BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52									
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240						
Outdoor unit		RZAG		35A		50A		60A			
Dimensions	Unit	HeightxWidthxDPTH		mm		734x870x373					
Weight	Unit	kg		62		63		64			
Sound power level	Cooling	dBA		62		63		64			
	Heating	dBA		48		49		50			
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20 / +52						
	Heating	Ambient	Min.~Max.	°CWB	-20 / +24						
Refrigerant	Type	R32									
	GWP	675									
	Charge	kg/CO <sub>2</sub> Eq		1.55/1.05							
Piping connections	Liquid	OD	mm		6.4 / 9.52		6.4/12.7				
	Gas	OD	mm				50				
	Piping length	OU - IU	Max.	m		50		30			
		System	Chargeless	m		30					
	Additional refrigerant charge		kg/m		See installation manual						
Power supply	Level difference	IU - OU	Max.	m		30					
Current - 50Hz	Phase/Frequency/Voltage		Hz/V		Single / 50 / 230						
Maximum fuse amps (MFA)	A		16		16		20				

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

\*Note: blue cells contain preliminary data

# Fully flat cassette

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

- › Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- › Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- › Two optional intelligent sensors improve energy efficiency and comfort



- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 630mm lift increases flexibility and installation speed



Efficiency data		FFA + RXM	25A9 + 25M9	35A9 + 35M9	50A9 + 50M9	60A9 + 60M9		
Cooling capacity	Nom.	kW	2.50	3.40	5.00	5.70		
Heating capacity	Nom.	kW	3.20	4.20	5.80	7.00		
Power input	Cooling	Nom. kW	0.55	0.89	1.54	1.87		
	Heating	Nom. kW	0.82	1.20	1.66	2.05		
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class	A++			A+		
		Pdesign	kW	2.50	3.40	5.00	5.70	
		SEER		6.17	6.38	5.98	5.76	
		Annual energy consumption	kWh	142	186	292	347	
	Heating (Average climate)	Energy efficiency class	A+			A		
		Pdesign	kW	2.31	3.10	3.84	3.96	
		SCOP/A		4.24	4.10	3.90	4.04	
		Annual energy consumption	kWh	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 rate	Cooling	Low/Medium/High	m <sup>3</sup> /min	6.5/8.0/9.0	6.5/8.5/10.0	7.5/10.0/12.0	9.5/12.5/14.5
		Heating	Low/Medium/High	m <sup>3</sup> /min	6.5/8.0/9.0	6.5/8.5/10.0	7.5/10.0/12.0	9.5/12.5/14.5
Sound power level	Cooling			dBA	48	51	56	60
Sound pressure level	Cooling	Low/High		dBA	25.0/31.0	25.0/34.0	27.0/39.0	32.0/43.0
	Heating	Low/High		dBA	25.0/31.0	25.0/34.0	27.0/39.0	32.0/43.0
Control systems	Infrared remote control		BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel)					
	Wired remote control		BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52					
Power supply	Phase/Frequency/Voltage		Hz/V					
			1~/50/220-240					
Outdoor unit		RXM	25N9	35N9	50N9	60N9		
Dimensions	Unit	HeightxWidthxDepth	mm					
Weight	Unit		kg					
Sound power level	Cooling		58	61	62.0	63.0		
	Heating		59	61	62.0	63.0		
Sound pressure level	Cooling	Nom.	46	49	48.0			
	Heating	Nom.	47		49			
Operation range	Cooling	Ambient	Min.~Max.	-10~-50				
	Heating	Ambient	Min.~Max.	-20~-24				
Refrigerant	Type		R-32					
	GWP		675.0					
	Charge	kg/CO <sub>2</sub> Eq	-					
Piping connections	Liquid	OD	mm					
	Gas	OD	mm					
	Piping length	OU - IU	Max.	m				
		System	Chargeless	m				
		Additional refrigerant charge		kg/m				
Power supply	Level difference	IU - OU	Max.	m				
	Phase/Frequency/Voltage		Hz/V					
Current - 50Hz	Maximum fuse amps (MFA)		A					
			1~/50/220-240					
			-					

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

\*Note: blue cells contain preliminary data

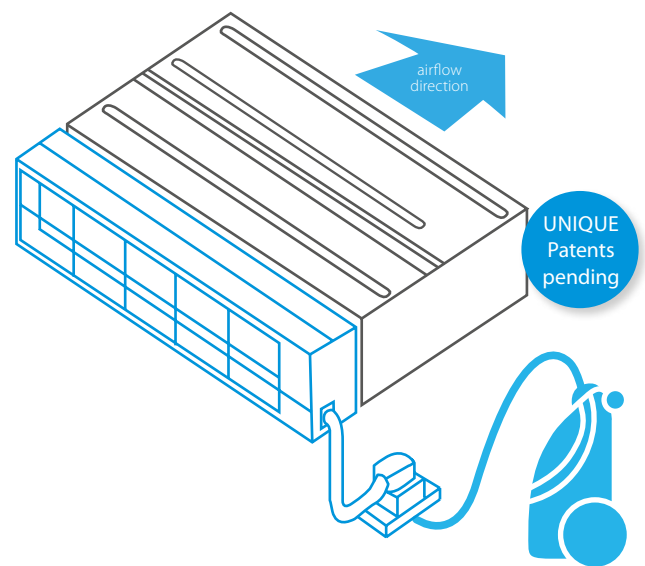
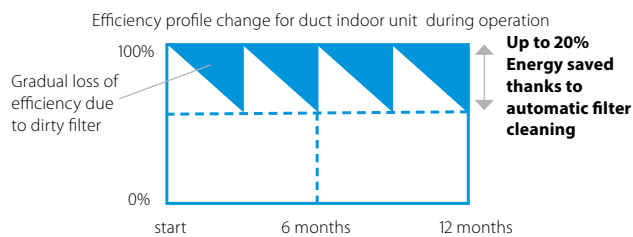


# Auto cleaning filter for concealed ceiling units

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



[www.youtube.com/DaikinEurope](http://www.youtube.com/DaikinEurope)



## Combination table

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

## Specifications

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

# Multi zoning kit for concealed ceiling units



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

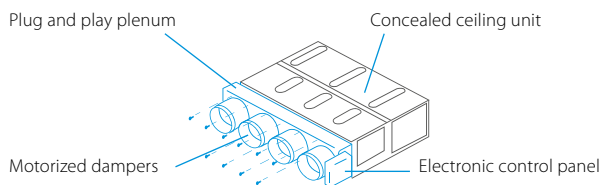
## Benefits

### Increased comfort

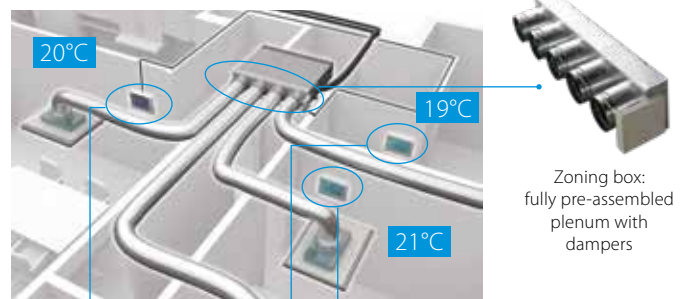
- › Increases comfort levels by allowing more individual zone control
  - Up to 8 individual zones can be served thanks to separate modulating dampers
  - Individual thermostat for room-by-room or zone-by-zone control

### Easy to install

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



## How does it work?



Individual zone thermostats

### Blueface - Airzone Main Thermostat

- └ Color graphic interface for controlling zones
- └ Wired communication



AZCE6BLUEFACECB

### Airzone Zone Thermostat

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



AZCE6THINKRB

### Airzone Zone Thermostat

- └ Thermostat with buttons for controlling the temperature
- └ Radio communication



AZCE6LITERB

## Compatibility

			SkyAir												VRV																								
			FDXM-F9				FBA-A(9)				ADEA-A				FXDQ-A3						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	2	AZEZ6DAIST07XS2	300 x 930 x 454					•	•																	•	•	•	•										
		AZEZ6DAIST07S2	300 x 930 x 454																																				
		AZEZ6DAIST07XS3	300 x 930 x 454																																				
		AZEZ6DAIST07S3	300 x 930 x 454																																				
		AZEZ6DAIST07S4	300 x 930 x 454																																				
		AZEZ6DAIST07M4	300 x 1,140 x 454																																				
		AZEZ6DAIST07M5	300 x 1,425 x 454																																				
		AZEZ6DAIST07L5	300 x 1,638 x 454																																				
		AZEZ6DAIST07M6	300 x 1,638 x 454																																				
		AZEZ6DAIST07L6	300 x 1,638 x 454																																				
Compact Ceiling Void	2	AZEZ6DAISL01S2	210 x 720 x 444	•	•																																		
	3	AZEZ6DAISL01S3	210 x 720 x 444	•	•																																		
	4	AZEZ6DAISL01M4	210 x 930 x 444																																				
	4	AZEZ6DAISL01M4	210 x 930 x 444																																				
	5	AZEZ6DAISL01L5	210 x 1,140 x 444																																				

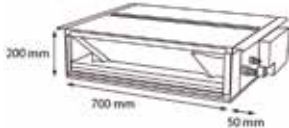
# Concealed ceiling unit

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

SERIE A (15, 20, 25, 32)



- > 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



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

Efficiency data		FDXM + RZAG		35F9 + 35A	50F9 + 50A	60F9 + 60A	
Cooling capacity	Nom.		kW	3.5	5.0	6.0	
Heating capacity	Nom.		kW	4.0	5.0	7.0	
Power input	Cooling	Nom.	kW		-		
	Heating	Nom.	kW		-		
Space cooling	Energy efficiency class				A+		
	Capacity	Pdesign	kW	3.5	5	6	
	SEER			5.90	5.90	5.70	
	Annual energy consumption		kWh/a		-		
Space heating (Average climate)	Energy efficiency class				A		
	Capacity	Pdesign	kW	4.2	4.3	4.5	
	SCOP/A			3.90	3.90	3.90	
	Annual energy consumption		kWh/a		-		
Indoor unit		FDXM		35F3	50F3	60F3	
Dimensions	Unit	HeightxWidthxDPTH		200x750x620		200x1,150x620	
Weight	Unit			21	28		
Air filter	Type	Removable / washable					
Fan	Air flow rate	Cooling	Low/Medium/High	m <sup>3</sup> /min	7.3/8.0/8.7	13.3/14.6/15.8	13.5/14.8/16.0
		Heating	Low/Medium/High	m <sup>3</sup> /min	7.3/8.0/8.7	13.3/14.6/15.8	13.5/14.8/16.0
	External static pressure	Nom.		Pa	30	40	
Sound power level	Cooling			dBA	53	55	56
	Heating			dBA	53	55	56
Sound pressure level	Cooling	Low/High		dBA	27/35	30/38	
	Heating	Low/High		dBA	27/35	30/38	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		
Outdoor unit		RZAG		35A	50A	60A	
Dimensions	Unit	HeightxWidthxDPTH		734x870x373			
Weight	Unit			52			
Sound power level	Cooling			dBA	62	63	64
	Heating			dBA	62	63	64
Sound power level	Cooling			dBA	48	49	50
	Heating			dBA	48	49	50
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20 / +52		
	Heating	Ambient	Min.~Max.	°CWB	-20 / +24		
Refrigerant	Type			R32			
	GWP			675			
	Charge			1.55/1.05			
Piping connections	Liquid	OD		mm	6.4 / 9.52		6.4/12.7
	Gas	OD		mm	50		
	Piping length	OU - IU	Max.	m	50		
		System	Chargeless	m	30		
		Additional refrigerant charge		kg/m	See installation manual		
	Level difference	IU - OU	Max.	m	30		
Power supply	Phase/Frequency/Voltage			Hz/V	Single / 50 / 230		
Current - 50Hz	Maximum fuse amps (MFA)			A	16	16	20

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

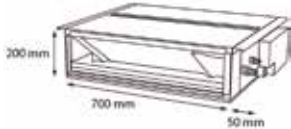
\*Note: blue cells contain preliminary data

# Concealed ceiling unit

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

- › Invisible unit as the unit is concealed in the ceiling: only the suction and discharge grilles are visible
- › Compact dimensions, can easily be mounted in a ceiling void of only 240mm

SERIE A (15, 20, 25, 32)



- › Medium external static pressure up to 40Pa facilitates unit use with flexible ducts of varying lengths
- › Auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter cleaning
- › Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit



Efficiency data		FDXM + RXM	25F9 + 25N9	35F9 + 35N9	50F9 + 50N9	60F9 + 60N9
Cooling capacity	Min./Nom./Max.		-2.40/-	-3.40/-	1.70/5.00/5.30	1.70/6.00/6.50
	Min./Nom./Max.		-3.20/-	-4.00/-	1.70/5.80/6.00	1.70/7.00/7.10
Power input	Cooling	Nom.	0.64	1.14	1.63	2.05
	Heating	Nom.	0.80	1.15	1.87	2.18
Space cooling	Energy efficiency class		A+	A	A+	A
	Capacity	Pdesign	2.40	3.40	5.00	6.00
	SEER		5.68	5.26	5.77	5.56
	Annual energy consumption		148	226	303	378
Space heating (Average climate)	Energy efficiency class		A+		A	
	Capacity	Pdesign	2.60	2.90	4.00	4.60
	SCOP/A		4.24	3.88	3.93	3.80
	Annual energy consumption		858	1,046	1,424	1,693
Nominal efficiency	EER		3.77	2.98	3.06	2.93
	COP		4.00	3.48	3.10	3.21
	Annual energy consumption		318	570	816	1,024
	Energy labeling Directive	Cooling/Heating	A/A	C/B	B/D	C/C

Indoor unit		FDXM	25F3	35F3	50F3	60F3
Dimensions	Unit HeightxWidthxDepth	mm	200x750x620		200x1,150x620	
Weight	Unit	kg	21		28	
Air filter	Type		Removable / washable			
Fan	Air flow rate	Cooling	Low/Medium/High	m <sup>3</sup> /min	7.3/8.0/8.7	
		Heating	Low/Medium/High	m <sup>3</sup> /min	7.3/8.0/8.7	
	External static pressure	Nom.		Pa	30	
Sound power level	Cooling			dB(A)	53	
	Heating			dB(A)	53	
Sound pressure level	Cooling	Low/High		dB(A)	27/35	
	Heating	Low/High		dB(A)	27/35	
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240			

Outdoor unit		RXM	25N9	35N9	50N9	60N9
Dimensions	Unit HeightxWidthxDepth	mm	-			
Weight	Unit	kg	-			
Sound power level	Cooling		58	61	62.0	63.0
	Heating		59	61	62.0	63.0
Sound pressure level	Cooling	Nom.	46	49	48.0	
	Heating	Nom.	47		49	
Operation range	Cooling	Ambient	Min.~Max.	-10~-50		
	Heating	Ambient	Min.~Max.	-20~-24		
Refrigerant	Type		R-32			
	GWP		675.0			
	Charge		kg/CO <sub>2</sub> Eq			
Piping connections	Liquid	OD	mm			
	Gas	OD	mm			
	Piping length	OU - IU	Max.	m		
		System	Chargeless	m		
		Additional refrigerant charge		kg/m		
Power supply	Level difference	IU - OU	Max.	m		
	Phase/Frequency/Voltage			Hz/V		
Current - 50Hz	Maximum fuse amps (MFA)	A	1~/50/220-240			

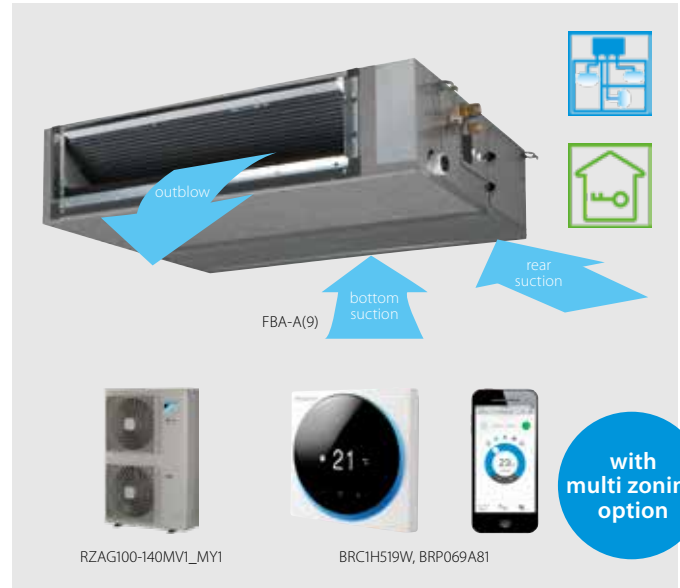
(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter(earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

\*Note: blue cells contain preliminary data

# Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

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



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

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

Efficiency data		FBA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A	71A9 + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	71A9 + 71MY1	100A + 100MY1	125A + 125MY1	140A + 140MY1		
Cooling capacity	Nom.	kW	3.5	5.0	6.0	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	4.0	6.0	7.0	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5		
Space cooling	Energy efficiency class		A++	A+	A++	A++		-		A++		-			
	Capacity	Pdesign	kW	3.5	5.0	6.0	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER			6.12	6.3	6.15	6.22	6.47	6.19	6.42	6.22	6.47	6.19	6.42	
	ηs,c	%		-	-	-	-	245	254	-	-	245	254		
Annual energy consumption		kWh/a		-	-	382	514	1,173	1,252	382	514	1,173	1,252		
Space heating (Average climate)	Energy efficiency class		A+		A+		-		A+		-		-		
	Capacity	Pdesign	kW	4.2	4.3	4.5	4.70	7.80	9.52		4.70	7.80	9.52		
	SCOP/A			4.10	4.10	4.10	4.20	4.36	4.12	4.11	4.20	4.36	4.12	4.11	
	ηs,h	%		-	-	-	-	162	161	-	-	162	161		
Annual energy consumption		kWh/a		-	-	1,566	2,505	3,235	3,243	1,566	2,505	3,235	3,243		
Indoor unit		FBA	35A9	50A9	60A9	71A9	100A	125A	140A	71A9	100A	125A	140A		
Dimensions	Unit	HeightxWidthxDepth	245x700x800		245x1,000x800	245x1,000x800	245x1,400x800		245x1,000x800		245x1,400x800				
Weight	Unit	kg	28.0		35.0	35.0	46.0		35.0		46.0				
Air filter	Type		Resin net				Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m <sup>3</sup> /min	10.5/12.5/15.0	12.5/15.0/18.0	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0			
	Heating	Low/Medium/High	m <sup>3</sup> /min	10.5/12.5/15.0	12.5/15.0/18.0	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0				
External static pressure	Nom./High	Pa	30/150				30/150	40/150	50/150	30/150	40/150	50/150			
Sound power level	Cooling			dBA	60	56	56	58	62	56	58	62			
Sound pressure level	Cooling	Low/High		dBA	29.0/35.0	25.0/30.0	25.0/30.0	30.0/34.0	32.0/37.0	25.0/30.0	30.0/34.0	32.0/37.0			
	Heating	Low/High		dBA	29.0/37.0	25.0/31.0	25.0/31.0	30.0/36.0	32.0/38.0	25.0/31.0	30.0/36.0	32.0/38.0			
Control systems	Infrared remote control		BRC4C65 / BRC4C66				BRC4C65 / BRC4C66								
	Wired remote control		BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52				BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52								
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220				1~/50/60/220-240/220								
Outdoor unit		RZAG	35A	50A	60A	71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1		
Dimensions	Unit	HeightxWidthxDepth	734x870x373			990x940x320	1,430x940x320		990x940x320		1,430x940x320				
Weight	Unit	kg	52			70	92		70		92				
Sound power level	Cooling			dBA	62	63	64	64	66	69	70	65	66	69	70
	Heating			dBA	62	63	64	-	69	70	-	69	70		
Sound pressure level	Cooling	Nom.		dBA	48	49	50	46	47	50	51	46	47	50	51
	Heating	Nom.		dBA	48	49	50	49	51	52	49	51	52		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20 / +52				-20~52						
	Heating	Ambient	Min.~Max.	°CWB	-20 / +24				-20~18.0						
Refrigerant	Type/GWP		R32 / 675				R-32/675								
	Charge	kg/CO <sub>2</sub> Eq	1.55/1.05		2.95/1.99		3.75/2.53		2.95/1.99		3.75/2.53				
Piping connections	Liquid/Gas	OD	mm		6.4 / 9.52		6.4/12.7		9.52/15.9						
	Piping length	OU - IU	Max.	m	50		55		85		55		85		
		System	Equivalent	m	50		75		100		75		100		
		Chargeless	m	30		-		-		40		-		-	
Additional refrigerant charge		kg/m	-				See installation manual								
Level difference	IU - OU	Max.	m	30				30.0							
Power supply	Phase/Frequency/Voltage	Hz/V	Single / 50 / 230				1~/50/220-240				3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	16	16	20	20	32	32	32	16	16	20	20		

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

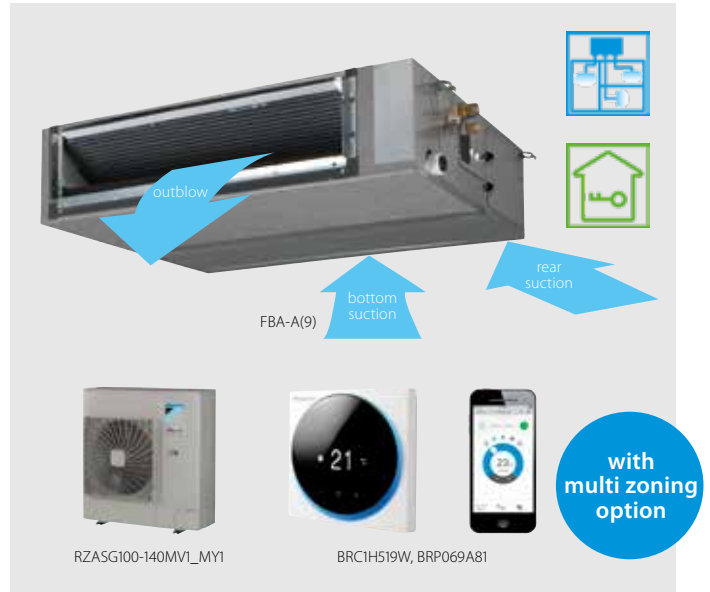
\*Note: blue cells contain preliminary data



# Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- > Combination with Sky Air 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
- > Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- > Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- > Optional fresh air intake
- > Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles



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

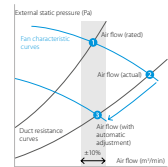
### Optimised supply air volume

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

#### Why?

After installation the real ducting will frequently differ from the initially calculated air flow resistance → the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature.

Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically (10 or more fan curves are available on every model), making installation much faster



Efficiency data		FBA + RZASG	71A9 + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	100A + 100MY1	125A + 125MY1	140A + 140MY1	
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5	
Space cooling	Energy efficiency class		A++	A+			A+			
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	9.50	12.1	
	SEER		6.19	5.83	5.49	5.81	5.83	5.49	5.81	
	ηs,c		%	-	-	217	229	-	217	229
Annual energy consumption		kWh/a	385	570	1,322	1,384	570	1,322	1,384	
Space heating (Average climate)	Energy efficiency class		A+	A			A			
	Capacity	Pdesign	kW	4.50	6.00		7.80	6.00	7.80	
	SCOP/A		4.01	3.85	3.63	3.85	3.63	3.85	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
<b>Indoor unit</b>		<b>FBA</b>	<b>71A9</b>	<b>100A</b>	<b>125A</b>	<b>140A</b>	<b>100A</b>	<b>125A</b>	<b>140A</b>	
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	58	62	58	62	
Sound pressure level	Cooling	Low/High		dBA	25.0/30.0	30.0/34.0	32.0/37.0	30.0/34.0	32.0/37.0	
	Heating	Low/High		dBA	25.0/31.0	30.0/36.0	32.0/38.0	30.0/36.0	32.0/38.0	
Control systems	Infrared remote control						BRC4C65 / BRC4C66			
	Wired remote control						BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52			
Power supply	Phase/Frequency/Voltage						1~/50/60/220-240/220			
<b>Outdoor unit</b>		<b>RZASG</b>	<b>71MV1</b>	<b>100MV1</b>	<b>125MV1</b>	<b>140MV1</b>	<b>100MY1</b>	<b>125MY1</b>	<b>140MY1</b>	
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320			990x940x320			
Weight	Unit		kg	60	70	78	70	71	77	
Sound power level	Cooling			dBA	65	70	71	70	73	
	Heating			dBA	-	-	71	-	71	
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/CO2Eq		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			50			
		System	Equivalent	m			70			
		Chargeless	m				30			
	Additional refrigerant charge			kg/m			See installation manual			
Level difference	IU - OU	Max.	m			30.0				
Power supply	Phase/Frequency/Voltage						1~/50/220-240		3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32			16		

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

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- > 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
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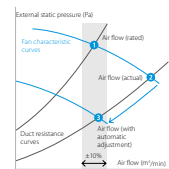
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## Optimised supply air volume

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

### Why?

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



**NEW**

Efficiency data		FBA + AZAS	71A9 + ARXM71N9	100A + 100MV1	125A + 125MV1	140A + 140MV1	100A + 100MY1	125A + 125MY1	140A + 140MY1	
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5	
Space cooling	Energy efficiency class		A	A			A			
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.0	9.50	12.1	
	SEER		5.57	5.25	4.85	5.50	5.25	4.85	5.50	
	ηs,c	%	-	-	191	217	-	191	217	
	Annual energy consumption	kWh/a	-	633	1,497	1,418	633	1,497	1,418	
Space heating (Average climate)	Energy efficiency class		A	A			A			
	Capacity	Pdesign	kW	4.50	6.00	7.80	6.00	7.80		
	SCOP/A		3.81	3.81	3.55	3.85	3.81	3.55	3.85	
	ηs,h	%	-	-	139	151	-	139	151	
	Annual energy consumption	kWh/a	-	2,205	2,366	2,836	2,205	2,366	2,836	
<b>Indoor unit</b>		<b>FBA</b>	<b>71A9</b>	<b>100A</b>	<b>125A</b>	<b>140A</b>	<b>100A</b>	<b>125A</b>	<b>140A</b>	
Dimensions	Unit	HeightxWidthxDepth	mm	245x1,000x800	245x1,400x800					
Weight	Unit		kg	35.0	46.0					
Air filter	Type			Resin net	Resin net					
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0	23.0/26.0/29.0	23.5/29.0/34.0	
		Heating	Low/Medium/High	m³/min	12.5/15.0/18.0	23.0/26.0/29.0	23.5/29.0/34.0	23.0/26.0/29.0	23.5/29.0/34.0	
	External static pressure	Nom./High	Pa	30/150	40/150	50/150	40/150	50/150		
Sound power level	Cooling		dBA	56	58	62	58	62		
Sound pressure level	Cooling	Low/High	dBA	25.0/30.0	30.0/34.0	32.0/37.0	30.0/34.0	32.0/37.0		
	Heating	Low/High	dBA	25.0/31.0	30.0/36.0	32.0/38.0	30.0/36.0	32.0/38.0		
Control systems	Infrared remote control			BRC4C65 / BRC4C66	BRC4C65 / BRC4C66					
	Wired remote control			BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52	BRC1H519W/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						
<b>Outdoor unit</b>		<b>AZAS/AZAS</b>	<b>71MV1</b>	<b>100MV1</b>	<b>125MV1</b>	<b>140MV1</b>	<b>100MY1</b>	<b>125MY1</b>	<b>140MY1</b>	
Dimensions	Unit	HeightxWidthxDepth	mm	734x870x373	990x940x320					
Weight	Unit		kg	50	70	78	70	77		
Sound power level	Cooling		dBA	65	70	71	73	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	R-32/675					
Piping connections	Charge		kg/TCO2Eq	1.15 / 0.78	2.60/1.76	2.90/1.96	2.60/1.76	2.90/1.96		
	Liquid/Gas	OD	mm	9.52/15.9	9.52/15.9					
	Piping length	OU - IU	Max.	m	20	30				
			System	Equivalent	m	-	50			
		Chargeless	m	10	30					
Additional refrigerant charge		kg/m		See installation manual						
Level difference	IU - OU	Max.	m	15	30.0					
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240	1~/50/220-240			3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)	A	16	25	32	16				

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

\*Note: blue cells contain preliminary data

# Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- > Combination with split outdoor units is ideal for small retail, offices or residential applications
- > Slimmest unit in class, only 245mm (300mm built-in height)
- > 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



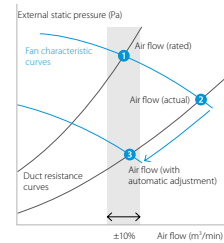
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### Why?

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Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically (10 or more fan curves are available on every model), making installation much faster



Efficiency data		FBA + RXM	35A9 + 35N9	50A9 + 50N9	60A9 + 60N9	
Cooling capacity	Nom.	kW	3.40	5.00	5.70	
Heating capacity	Nom.	kW	4.00	5.50	7.00	
Power input	Cooling	Nom. kW	0.85	1.41	1.64	
	Heating	Nom. kW	1.00	1.44	1.89	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class	A++		A+	
		Pdesign	kW	3.40	5.00	5.70
		SEER		6.23	6.27	5.91
	Heating (Average climate)	Annual energy consumption	kWh	191	279	337
		Energy efficiency class		A+		A+
		Pdesign	kW	2.90	4.40	4.60
	SCOP/A		4.07	4.06	4.01	
	Annual energy consumption	kWh	996	1,517	1,607	
<b>Indoor unit</b>		<b>FBA</b>	<b>35A9</b>	<b>50A9</b>	<b>60A9</b>	
Dimensions	Unit	HeightxWidthxDepth	245x700x800		245x1,000x800	
Weight	Unit		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
		Heating	Low/Medium/High	m³/min		10.5/12.5/15.0
	External static pressure	Nom./High	Pa	30/150		12.5/15.0/18.0
Sound power level	Cooling		60		56	
Sound pressure level	Cooling	Low/High	dBA		29.0/35.0	
	Heating	Low/High	dBA		29.0/37.0	
Control systems	Infrared remote control		BRC4C65 / BRC4C66			
	Wired remote control		BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52			
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220			
<b>Outdoor unit</b>		<b>RXM</b>	<b>35N9</b>	<b>50N9</b>	<b>60N9</b>	
Dimensions	Unit	HeightxWidthxDepth	mm			
Weight	Unit		kg			
Sound power level	Cooling		61	62.0	63.0	
	Heating		61	62.0	63.0	
Sound pressure level	Cooling	Nom.	49	48.0		
	Heating	Nom.		49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB		
	Heating	Ambient	Min.~Max.	°CWB		
Refrigerant	Type		R-32			
	GWP		675.0			
Piping connections	Charge		kg/CO <sub>2</sub> Eq			
	Liquid	OD	mm			
Piping connections	Gas	OD	mm			
	Piping length	OU - IU	Max.	m		
	System	Chargeless		m		
	Additional refrigerant charge			kg/m		
Power supply	Level difference	IU - OU	Max.	m		
	Phase/Frequency/Voltage		Hz/V			
Current - 50Hz	Maximum fuse amps (MFA)	A	1~/50/220-240			

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

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# Concealed ceiling unit with high ESP

ESP up to 200, ideal for large sized spaces

- › High external static pressure up to 200Pa facilitates extensive duct and grille network
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › Flexible installation, as the air suction direction can be altered from rear to bottom suction
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed



Efficiency data		FDA + RZAG /RZASG		Sky Air Alpha-series		Sky Air Advance-series					
				125A + 125MV1	125A + 125MY1	125A + 125MV1	125A + 125MY1				
Cooling capacity	Nom.	kW		12.1		12.1					
Heating capacity	Nom.	kW		13.5		13.5					
Space cooling	Energy efficiency class			-		-					
	Capacity	Pdesign	kW		12.1		12.1				
	SEER			6.59		5.03					
	ηs,c	%		261		198					
Space heating (Average climate)	Annual energy consumption	kWh/a		1,102		1,444					
	Energy efficiency class			-		-					
	Capacity	Pdesign	kW		9.52		6.00				
	SCOP/A			4.08		3.58					
Annual energy consumption	ηs,h	%		160		140					
	kWh/a		3,267		2,346						
Indoor unit		FDA		125A	125A	125A	125A				
Dimensions	Unit	HeightxWidthxDpeth		mm							
Weight	Unit	kg		300x1,400x700							
Required ceiling void >			mm		45						
Air filter	Type			Resin net							
Decoration panel	Model			BYBS125DJW1							
	Colour			White (10Y9/0.5)							
	Dimensions	HeightxWidthxDpeth		mm							
	Weight	kg		55x1,500x500							
Fan	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							
	Heating	Low/High		dBA							
Control systems	Infrared remote control			BRC4C65 / BRC4C66							
	Wired remote control			BRC1H519W/S/K / BRC1E53A/B/C, BRC1D52							
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/60/220-240/220							
Outdoor unit		RZAG125MV1		RZAG125MY1		RZASG125MV1		RZASG125MY1			
Dimensions	Unit	HeightxWidthxDpeth		mm		1,430x940x320		990x940x320			
Weight	Unit	kg		92		70		70			
Sound power level	Cooling	dBA		69		71		71			
	Heating	dBA		69		71		71			
Sound pressure level	Cooling	Nom.		dBA		50		53			
	Heating	Nom.		dBA		52		57			
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-20~-52		-15~-46			
	Heating	Ambient	Min.~Max.	°CWB		-20~-18.0		-15~-15.5			
Refrigerant	Type/GWP			R-32/675							
	Charge	kg/CO2Eq		3.75/2.53		2.60/1.76					
Piping connections	Liquid/Gas	OD	mm		9.52/15.9						
	Piping length	OU - IU	Max.	m		85		50			
		System	Equivalent	m		100		70			
		Chargeless	m		40		30				
Additional refrigerant charge		kg/m		See installation manual							
Power supply	Level difference	IU - OU	Max.	m		30.0					
	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	

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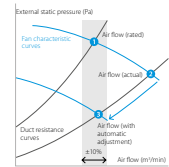


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Efficiency data		ADEA + AZAS		71A + ARXM71N9		100A + 100MV1		125A + 125MV1		
Cooling capacity	Nom.	kW		6.80		9.50		12.10		
Heating capacity	Nom.	kW		7.50		10.8		13.50		
Space cooling	Energy efficiency class			A				B		
	Capacity	Pdesign	kW	6.80		9.50		12.10		
	SEER			5.35		5.13		4.73		
Space heating (Average climate)	Annual energy consumption	kWh/a				-				
	Energy efficiency class					A				
	Capacity	Pdesign	kW			6.00				
	SCOP/A			3.80		3.81		3.50		
Annual energy consumption	kWh/a						-			
Indoor unit		ADEA		71A		100A		125A		
Dimensions	Unit	HeightxWidthxDepth		mm		245x1,000x800		245x1,400x800		
Weight	Unit	kg		35.0		46.0				
Air filter	Type					Resin net				
Fan	Air flow rate	Cooling	Low/Medium/High	m <sup>3</sup> /min	12.5/15.0 / 18.0		23.0/26.0 / 29.0		23.5/29.0 / 34.0	
		Heating	Low/Medium/High	m <sup>3</sup> /min	12.5/15.0 / 18.0		23.0/26.0 / 29.0		23.5/29.0 / 34.0	
External static pressure	Nom./High	Pa		30/150		40/150		50/150		
Sound power level	Cooling	dBA		56		58		62		
Sound pressure level	Cooling	Low/High	dBA		25.0/30.0		30.0/34.0		32.0/37.0	
	Heating	Low/High	dBA		25.0/31.0		30.0/36.0		32.0/38.0	
Control systems	Infrared remote control					BRC4C65 / BRC4C66				
	Wired remote control					BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52				
Power supply	Phase/Frequency/Voltage	Hz/V				1~/50/60/220-240/220				
Outdoor unit		ARXM/AZAS		ARXM71N9		100MV1		125MV1		
Dimensions	Unit	HeightxWidthxDepth		mm		734x870x373		990x940x320		
Weight	Unit	kg		50		70		71		
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		9.52/15.9			
	Piping length	OU - IU	Max.	m	20		30			
		System	Equivalent	m	-		50			
		Chargeless	m		10		30			
	Additional refrigerant charge	kg/m						See installation manual		
Level difference	IU - OU	Max.	m		15		30.0			
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240		1~/50/220-240				
Current - 50Hz	Maximum fuse amps (MFA)	A		16		25		32		

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

\*Note: blue cells contain preliminary data



# Wall mounted unit

For rooms with no false ceilings nor free floor space

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



Efficiency data		FAA + RZAG		71A + 71MV1	100A + 100MV1	71A + 71MY1	100A + 100MY1	
Cooling capacity	Nom.	kW		6.80	9.50	6.80	9.50	
Heating capacity	Nom.	kW		7.50	10.8	7.50	10.8	
Space cooling	Energy efficiency class			A++				
	Capacity	Pdesign		kW	6.80	9.50	6.80	9.50
	SEER			6.58	6.42	6.58	6.42	
	ηs,c			%	-	-	-	
	Annual energy consumption			kWh/a	362	518	362	518
Space heating (Average climate)	Energy efficiency class			A+				
	Capacity	Pdesign		kW	4.70	7.80	4.70	7.80
	SCOP/A			4.02	4.01	4.02	4.01	
	ηs,h			%	-	-	-	
	Annual energy consumption			kWh/a	1,637	2,723	1,637	2,723
Indoor unit		FAA		71A	100A	71A	100A	
Dimensions	Unit	HeightxWidthxDepth		mm	290x1,050x238	340x1,200x240	290x1,050x238	340x1,200x240
Weight	Unit			kg	13.0	17.0	13.0	17.0
Air filter	Type		-					
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	14.0/16 /18.0	19.0/23 /26.0	14.0/16 /18.0	19.0/23 /26.0
		Heating	Low/Medium/High	m³/min	14.0/16.0 /18.0	19.0/23.0 /26.0	14.0/16.0 /18.0	19.0/23.0 /26.0
Sound power level	Cooling			dB(A)	61	65	61	65
	Heating			dB(A)	61	65	61	65
Sound pressure level	Cooling	Low/High		dB(A)	40/45	41/49	40/45	41/49
	Heating	Low/High		dB(A)	40/45	41/49	40/45	41/49
Control systems	Wired remote control			BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52				
Power supply	Phase/Frequency/Voltage			Hz/V				
				1~/50/220-240				
Outdoor unit		RZAG/RZAG		71MV1	100MV1	71MY1	100MY1	
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320	990x940x320	1,430x940x320
Weight	Unit			kg	70	92	70	92
Sound power level	Cooling			dB(A)	64	66	65	66
Sound pressure level	Cooling	Nom.		dB(A)	46	47	46	47
	Heating	Nom.		dB(A)	49	51	49	51
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~-52			
	Heating	Ambient	Min.~Max.	°CWB	-20~-18.0			
Refrigerant	Type/GWP			R-32/675				
	Charge			kg/TCO2Eq	2.95/1.99	3.75/2.53	2.95/1.99	3.75/2.53
Piping connections	Liquid/Gas	OD		mm	9.52/15.9			
	Piping length	OU - IU	Max.	m	55	85	55	85
		System	Equivalent	m	75	100	75	100
	Chargeless			m	40			
	Additional refrigerant charge			kg/m	See installation manual			
Level difference	IU - OU	Max.	m	30.0				
Power supply	Phase/Frequency/Voltage			Hz/V		1~/50/220-240		3~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)			A	20	32	16	

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

# Wall mounted unit

For rooms with no false ceilings nor free floor space

- › Flat, stylish front panel blends easily within any interior décor and is easier to clean
- › 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			
	ηs,c							-			
	Annual energy consumption			371				570			
Space heating (Average climate)	Energy efficiency class					A					
	Capacity	Pdesign	kW	4.50				6.00			
	SCOP/A			3.90				3.85			
	ηs,h							-			
	Annual energy consumption			1,615				2,182			
Indoor unit		FAA		71A		100A		100A			
Dimensions	Unit	HeightxWidthxDepth		mm		290x1,050x238		340x1,200x240			
Weight	Unit			kg		13.0		17.0			
Air filter	Type						-				
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	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		
Sound power level	Cooling			dBA	61				65		
	Heating			dBA	61				65		
Sound pressure level	Cooling	Low/High		dBA	40/45				41/49		
	Heating	Low/High		dBA	40/45				41/49		
Control systems	Wired remote control						BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52				
Power supply	Phase/Frequency/Voltage				Hz/V		1~/50/220-240				
Outdoor unit		RZASG/RZASG		71MV1		100MV1		100MY1			
Dimensions	Unit	HeightxWidthxDepth		mm		770x900x320		990x940x320			
Weight	Unit			kg		60		70			
Sound power level	Cooling			dBA	65				70		
Sound pressure level	Cooling	Nom.		dBA	46				53		
	Heating	Nom.		dBA	47				57		
Operation range	Cooling	Ambient	Min.~Max.	°CDB			-15~46				
	Heating	Ambient	Min.~Max.	°CWB			-15~15.5				
Refrigerant	Type/GWP							R-32/675			
	Charge			kg/TCO2Eq	2.45/1.65				2.60/1.76		
Piping connections	Liquid/Gas	OD		mm			9.52/15.9				
	Piping length	OU - IU	Max.		m			50			
		System	Equivalent		m			70			
		Chargeless			m			30			
	Additional refrigerant charge			kg/m			See installation manual				
Level difference	IU - OU	Max.		m			30.0				
Power supply	Phase/Frequency/Voltage				Hz/V		1~/50/220-240		3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A		20		25		16		

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

# Wall mounted unit

For rooms with no false ceilings nor free floor space

- › 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



**NEW**

Efficiency data		FAA + ARXM/AZAS		ARXM71N9 + 71MV1		100A + 100MV1		100A + 100MY1		
Cooling capacity	Nom.	kW		6.80		9.50		10.8		
Heating capacity	Nom.	kW		7.50		10.8		10.8		
Space cooling	Energy efficiency class		A+		A		A		A	
	Capacity	Pdesign	kW		6.80		9.50		10.8	
	SEER		5.77		5.25		5.25		5.25	
	ηs,c		%		-		-		-	
	Annual energy consumption		kWh/a		-		633		633	
Space heating (Average climate)	Energy efficiency class		A		A		A		A	
	Capacity	Pdesign	kW		4.50		6.00		6.00	
	SCOP/A		3.81		3.81		3.81		3.81	
	ηs,h		%		-		-		-	
	Annual energy consumption		kWh/a		-		2,205		2,205	
Indoor unit		FAA		71A		100A		100A		
Dimensions	Unit	HeightxWidthxDepth		mm		290x1,050x238		340x1,200x240		
Weight	Unit	kg		13.0		17.0		17.0		
Air filter	Type									
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	14.0/16 /18.0		19.0/23 /26.0		19.0/23.0 /26.0	
		Heating	Low/Medium/High	m³/min	14.0/16.0 /18.0		19.0/23.0 /26.0		19.0/23.0 /26.0	
Sound power level	Cooling	dBA		61		65		65		
	Heating	dBA		61		65		65		
Sound pressure level	Cooling	Low/High	dBA		40/45		41/49		41/49	
	Heating	Low/High	dBA		40/45		41/49		41/49	
Control systems	Wired remote control						BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52			
Power supply	Phase/Frequency/Voltage		Hz/V				1~/50/220-240			
Outdoor unit		ARXM/AZAS		ARXM71N9		100MV1		100MY1		
Dimensions	Unit	HeightxWidthxDepth		mm		734x870x373		990x940x320		
Weight	Unit	kg		50		70		70		
Sound power level	Cooling	dBA		65		70		70		
Sound pressure level	Cooling	Nom.	dBA		52		53		53	
	Heating	Nom.	dBA		52		57		57	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		-5~46		-5~46	
	Heating	Ambient	Min.~Max.	°CWB	-15~18		-15~15.5		-15~15.5	
Refrigerant	Type/GWP		R-32/675		R-32/675		R-32/675		R-32/675	
	Charge		kg/CO2Eq		1.15 / 0.78		2.60/1.76		2.60/1.76	
Piping connections	Liquid/Gas	OD	mm		9.52/15.9		9.52/15.9		9.52/15.9	
	Piping length	OU - IU	Max.	m	20		30		30	
		System	Equivalent	m		-		50		50
		Chargeless	m		10		30		30	
	Additional refrigerant charge		kg/m				See installation manual			
	Level difference	IU - OU	Max.	m	15		30.0		30.0	
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240		1~/50/220-240		3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)		A		16		25		16	

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

\*Note: blue cells contain preliminary data

## Wall mounted unit

Attractive, wall mounted design with perfect indoor air quality

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

- › Practically inaudible: the unit runs so quietly, you will almost forget it is there.
- › Cleaner air thanks to Daikin's Flash Streamer technology: you can breathe deep with no worries about impure air
- › 2 area motion detection sensor: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting.
- › Sleek, unobtrusive air conditioning unit that matches European sensibilities regarding interior design
- › 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces



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

Efficiency data		FTXM + RZAG		35N + 35A		50N + 50A		60N + 60A			
Cooling capacity	Nom.	kW		3,5		5,0		6,0			
Heating capacity	Nom.	kW		4,0		6,0		7,0			
Power input	Cooling	Min./Nom./Max.	kW			-					
	Heating	Min./Nom./Max.	kW			-					
Space cooling	Energy efficiency class					A++					
	Capacity	Pdesign	kW	3,5		5		6			
	SEER			7,70		7,41		6,90			
	Annual energy consumption		kWh/a			-					
Space heating (Average climate)	Energy efficiency class					A++		A+			
	Capacity	Pdesign	kW	2,6		4,5		4,6			
	SCOP/A			4,60		4,60		4,35			
	Annual energy consumption		kWh/a			-					
Indoor unit		FTXM		35N		50N		60N			
Dimensions	Unit	HeightxWidthxDepth		mm		-		-			
Weight	Unit			kg		-		-			
Air filter	Type				-		-		-		
Fan	Air flow rate	Cooling	Silent operation/Low/High	m <sup>3</sup> /min		-		-			
		Heating	Silent operation/Low/High	m <sup>3</sup> /min		-		-			
Sound power level	Cooling			60		59		60			
	Heating			54		58		59			
Sound pressure level	Cooling	Silent operation/Low/Nom./High		19/45		44/27		30/46			
	Heating	Silent operation/Low/Nom./High		20/39		31/43		33/45			
Control systems	Infrared remote control						ARC466A33				
	Wired remote control				BRC944B2 / BRC073A1		BRC944B2 / BRC073				
Power supply	Phase/Frequency/Voltage		Hz/V				1~/50/220-240				
Outdoor unit		RZAG		35A		50A		60A			
Dimensions	Unit	HeightxWidthxDepth		mm		734x870x373					
Weight	Unit			kg		52					
Sound power level	Cooling			62		63		64			
	Heating			62		63		64			
Sound power level	Cooling			48		49		50			
	Heating			48		49		50			
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-20 / +52					
	Heating	Ambient	Min.~Max.	°CWB		-20 / +24					
Refrigerant	Type				R32						
	GWP				675						
	Charge		kg/CO <sub>2</sub> Eq		1.55/1.05						
Piping connections	Liquid	OD	mm		6.4 / 9.52		6.4/12.7				
	Gas	OD	mm				50				
	Piping length	OU - IU	Max.	m				50			
		System	Chargeless	m				30			
	Additional refrigerant charge		kg/m				See installation manual				
Level difference		IU - OU	Max.	m				30			
Power supply	Phase/Frequency/Voltage		Hz/V				Single / 50 / 230				
Current - 50Hz	Maximum fuse amps (MFA)		A		16		16		20		

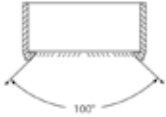
(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

\*Note: blue cells contain preliminary data

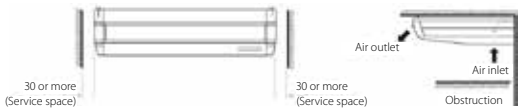
# Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle



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



- › 5 different fan speeds available for maximum comfort
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible



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

Efficiency data		FHA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A	71A9 + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	71A9 + 71MY1	100A + 100MY1	125A + 125MY1	140A + 140MY1		
Cooling capacity	Nom.	kW	3,5	5,0	6,0	6,80	9,50	12,1	13,4	6,80	9,50	12,1	13,4		
Heating capacity	Nom.	kW	4,0	5,8	7,0	7,50	10,8	13,5	15,5	7,50	10,8	13,5	15,5		
Space cooling	Energy efficiency class		A++			A++			-		A++			-	
	Capacity	Pdesign	kW	3,5	5,0	6,0	6,80	9,50	12,1	13,4	6,80	9,50	12,1	13,4	
	SEER		6,4	6,8	6,6	7,11	6,42	8,22	6,42	7,11	6,42	8,22	6,42		
	ηs,c	%		-	-	-	-	326	254	-	-	326	254		
	Annual energy consumption	kWh/a		-	-	335	518	883	1,252	335	518	883	1,252		
Space heating (Average climate)	Energy efficiency class		A+			A+		-		A+		A++		-	
	Capacity	Pdesign	kW	3,1	4,0	4,6	4,70	7,80	9,52		4,70	7,80	9,52		
	SCOP/A		4,1	4,3	4,2	4,32	4,61	4,09	4,30	4,32	4,61	4,09	4,30		
	ηs,h	%		-	-	-	-	161	169	-	-	161	169		
	Annual energy consumption	kWh/a		-	-	1,523	2,369	3,259	3,100	1,523	2,369	3,259	3,100		
Indoor unit		FHA	35A	50A	60A	71A9	100A	125A	140A	71A9	100A	125A	140A		
Dimensions	Unit HeightxWidthxDepth	mm	235x960x690	235x1,270x690	235x960x690	235x1,270x690	235x1,590x690			235x1,270x690	235x1,590x690				
Weight	Unit	kg	24.0	31.0	25.0	32.0	38.0			32.0	38.0				
Air filter	Type		Resin net												
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	10.0/11.5/14.0	11.5/15.0/19.5	10.0/12.0/15.0	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0
	Heating	Low/Medium/High	m³/min	10.0/11.5/14.0	11.5/15.0/19.5	10.0/12.0/15.0	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	
Sound power level	Cooling			dBA	53	54	55	60	62	64	55	60	62	64	
Sound pressure level	Cooling	Low/High		dBA	31/36	33/37	32/37	34/38	34/42	37/44	38/46	34/38	34/42	37/44	38/46
	Heating	Nom./High		dBA	34/36	35/37	36/38	38/42	41/44	42/46	36/38	38/42	41/44	42/46	
Control systems	Infrared remote control		BRC7GA53 / BRC7GA56												
	Wired remote control		BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52												
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240												
Outdoor unit		RZAG	35A	50A	60A	71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1		
Dimensions	Unit HeightxWidthxDepth	mm	734x870x373				990x940x320	1,430x940x320			990x940x320	1,430x940x320			
Weight	Unit	kg	52				70	92			70	92			
Sound power level	Cooling		dBA	62	63	64	64	66	69	70	65	66	69	70	
	Heating		dBA	62	63	64	-	-	69	70	-	-	69	70	
Sound pressure level	Cooling	Nom.	dBA	48	49	50	46	47	50	51	46	47	50	51	
	Heating	Nom.	dBA	48	49	50	49	51	52	49	51	52	52		
Operation range	Cooling	Ambient	Min.~Max.	°CDB -20 / +52				-20~52							
	Heating	Ambient	Min.~Max.	°CWB -20 / +24				-20~18.0							
Refrigerant	Type/GWP		R32 / 675						R-32/675						
	Charge	kg/TCO2Eq	1.55/1.05			2.95/1.99		3.75/2.53			2.95/1.99		3.75/2.53		
Piping connections	Liquid/Gas	OD	6.4 / 9.52		6.4/12.7		9.52/15.9								
	Piping	OU - IU	Max.	m				50	55		85	55		85	
	length	System	Equivalent	m				50	75		100	75		100	
		Chargeless		m				30	40						
		Additional refrigerant charge	kg/m	See installation manual											
	Level difference	IU - OU	Max.	m				30	30.0						
Power supply	Phase/Frequency/Voltage	Hz/V	Single / 50 / 230				1~/50/220-240			3~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)	A	16	16	20	20	32			16					

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

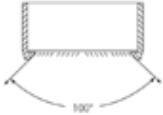
\*Note: blue cells contain preliminary data



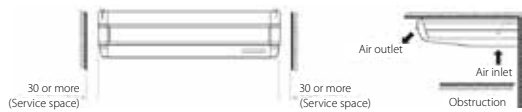
# Ceiling suspended unit

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+								
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
	SEER			5.95	5.83	5.88	5.88	5.83	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								
	Capacity	Pdesign	kW	4.50	6.00	7.80	7.80	6.00	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	
<b>Indoor unit</b>		<b>FHA</b>		<b>71A9</b>	<b>100A</b>	<b>125A</b>	<b>140A</b>	<b>100A</b>	<b>125A</b>	<b>140A</b>	
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690							
Weight	Unit		kg	32.0						38.0	
Air filter	Type			Resin net							
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	14.0/17.0 /20.5	20.0/24.0/28.0	23.0/27.0 /31.0	24.0/29.0 /34.0	20.0/24.0 /28.0	23.0/27.0 /31.0	24.0/29.0 /34.0
		Heating	Low/Medium/High	m³/min	14.0/17.0 /20.5	20.0/24.0/28.0	23.0/27.0 /31.0	24.0/29.0 /34.0	20.0/24.0 /28.0	23.0/27.0 /31.0	24.0/29.0 /34.0
Sound power level	Cooling			dBA	55	60	62	64	60	62	64
Sound pressure level	Cooling	Low/High		dBA	34/38	34/42	37/44	38/46	34/42	37/44	38/46
	Heating	Nom./High		dBA	36/38	38/42	41/44	42/46	38/42	41/44	42/46
Control systems	Infrared remote control			BRC7G53							
	Wired remote control			BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240							
<b>Outdoor unit</b>		<b>RZASG/RZASG</b>		<b>71MV1</b>	<b>100MV1</b>	<b>125MV1</b>	<b>140MV1</b>	<b>100MY1</b>	<b>125MY1</b>	<b>140MY1</b>	
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320							
Weight	Unit		kg	60	70		78	70		77	
Sound power level	Cooling			dBA	65	70	71	73	70	71	73
	Heating			dBA	-	-	71	73	-	71	73
Sound pressure level	Cooling	Nom.		dBA	46	53	54	53		54	
	Heating	Nom.		dBA	47	57					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~46						
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type/GWP			R-32/675							
	Charge		kg/TCO2Eq	2.45/1.65	2.60/1.76	2.90/1.96	2.60/1.76		2.90/1.96		
Piping connections	Liquid/Gas	OD	mm	9.52/15.9							
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
		Chargeless		m	30						
	Additional refrigerant charge		kg/m	See installation manual							
Level difference	IU - OU	Max.	m	30.0							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240				3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32	16				

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

# Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with split outdoor units is ideal for small retail, offices or residential applications
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects



Efficiency data				FHA + RXM	35A9 + 35M9	50A9 + 50M9	60A9 + 60M9	
Cooling capacity	Nom.		kW	3.40	5.00	5.70		
Heating capacity	Nom.		kW	4.00	6.00	7.20		
Power input	Cooling	Nom.	kW	0.91	1.56	1.73		
	Heating	Nom.	kW	0.98	1.79	2.17		
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		A++	A+			
		Pdesign	kW	3.40	5.00	5.70		
		SEER		6.24	5.92	6.08		
		Annual energy consumption	kWh	191	295	328		
	Heating (Average climate)	Energy efficiency class		A+	A			
		Pdesign	kW	3.10	4.35	4.71		
		SCOP/A		4.43	3.86	3.87		
		Annual energy consumption	kWh	979	1,578	1,704		
Indoor unit				FHA	35A9	50A9	60A9	
Dimensions	Unit	HeightxWidthxDepth		mm	235x960x690		235x1,270x690	
Weight	Unit			kg	24.0	25.0	31.0	
Air filter	Type				Resin net			
Fan	Air flow rate	Cooling	Low/Medium/High	m <sup>3</sup> /min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5	
		Heating	Low/Medium/High	m <sup>3</sup> /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	54		
Sound pressure level	Cooling	Low/High			dBA	31/36	33/37	
	Heating	Nom./High			dBA	34/36	35/37	
Control systems	Infrared remote control				BRC7G53			
	Wired remote control				BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			
Outdoor unit				RXM	35N9	50N9	60N9	
Dimensions	Unit	HeightxWidthxDepth		mm	-			
Weight	Unit			kg	-			
Sound power level	Cooling			dBA	61	62.0	63.0	
	Heating			dBA	61	62.0	63.0	
Sound pressure level	Cooling	Nom.			dBA	49	48.0	
	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				675.0			
	Charge			kg/CO2Eq	-			
Piping connections	Liquid	OD			mm	-		
	Gas	OD			mm	-		
	Piping length	OU - IU	Max.			m	-	
		System	Chargeless			m	-	
	Additional refrigerant charge				kg/m	-		
	Level difference IU - OU			Max.	m	-		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

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

\*Note: blue cells contain preliminary data

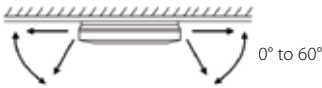




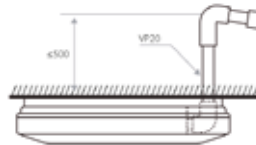
# 4-way blow ceiling suspended unit

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

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



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



Efficiency data		FUA + RZAG		71A + 71MV1	100A + 100MV1	125A + 125MV1	71A + 71MY1	100A + 100MY1	125A + 125MY1				
Cooling capacity	Nom.	kW		6.80	9.50	12.1	6.80	9.50	12.1				
Heating capacity	Nom.	kW		7.50	10.8	13.5	7.50	10.8	13.5				
Space cooling	Energy efficiency class			A++		-	A++		-				
	Capacity	Pdesign	kW	6.80	9.50	12.1	6.80	9.50	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				
<b>Indoor unit</b>		<b>FUA</b>		<b>71A</b>	<b>100A</b>	<b>125A</b>	<b>71A</b>	<b>100A</b>	<b>125A</b>				
Dimensions	Unit	HeightxWidthxDepth		198x950x950									
Weight	Unit	kg		25.0	26.0		25.0	26.0					
Air filter	Type	Resin net											
Fan	Air flow rate	Cooling	Low/Medium/High	m <sup>3</sup> /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 <sup>3</sup> /min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5			
Sound power level	Cooling			dBA	59	64	65	59	64	65			
	Heating			dBA	59	64	-	59	64	-			
Sound pressure level	Cooling	Low/High			dBA	35/41	39/46	40/47	35/41	39/46	40/47		
	Heating	Low/High			dBA	35/41	39/46	40/47	35/41	39/46	40/47		
Control systems	Wired remote control	BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52											
Power supply	Phase/Frequency/Voltage			-/-/-									
<b>Outdoor unit</b>		<b>RZAG/RZAG</b>		<b>71MV1</b>	<b>100MV1</b>	<b>125MV1</b>	<b>71MY1</b>	<b>100MY1</b>	<b>125MY1</b>				
Dimensions	Unit	HeightxWidthxDepth		990x940x320		1,430x940x320		990x940x320					
Weight	Unit	kg		70		92		70					
Sound power level	Cooling			dBA		64		66		69			
	Heating			dBA		-		69		69			
Sound pressure level	Cooling	Nom.			dBA		46		47		50		
	Heating	Nom.			dBA		49		51		52		
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-20~52							
	Heating	Ambient	Min.~Max.	°CWB		-20~18.0							
Refrigerant	Type/GWP	R-32/675											
	Charge			kg/CO <sub>2</sub> Eq		2.95/1.99		3.75/2.53		2.95/1.99			
Piping connections	Liquid/Gas	OD		mm									
	Piping length	OU - IU	Max.	m		55		85		55		85	
		System	Equivalent	m		75		100		75		100	
		Chargeless			m		40						
		Additional refrigerant charge			kg/m		See installation manual						
Level difference	IU - OU	Max.		m		30.0							
Power supply	Phase/Frequency/Voltage			Hz/V				1~/50/220-240					
Current - 50Hz	Maximum fuse amps (MFA)			A		20		32		16			

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



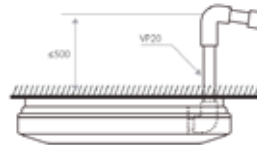
# 4-way blow ceiling suspended unit

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

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



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



Efficiency data		FUA + RZASG		71A + 71MV1	100A + 100MV1	125A + 125MV1	100A + 100MY1	125A + 125MY1	
Cooling capacity	Nom.	kW		6.80	9.50	12.1	9.50	12.1	
Heating capacity	Nom.	kW		7.50	10.8	13.5	10.8	13.5	
Space cooling	Energy efficiency class			A++	A+	-	A+	-	
	Capacity	Pdesign		kW	6.80	9.50	12.1	9.50	12.1
	SEER			6.16	5.83	5.49	5.83	5.49	
	ηs,c			%	-	217	-	217	
	Annual energy consumption			kWh/a	386	570	1,322	570	1,322
Space heating (Average climate)	Energy efficiency class			A	A+	-	A+	-	
	Capacity	Pdesign		kW	4.50		6.00		
	SCOP/A			3.90	4.01	3.84	4.01	3.84	
	ηs,h			%	-	151	-	151	
	Annual energy consumption			kWh/a	1,615	2,095	2,188	2,095	2,188
Indoor unit		FUA		71A	100A	125A	100A	125A	
Dimensions	Unit	HeightxWidthxDepth		mm		198x950x950			
Weight	Unit	kg		25.0	26.0				
Air filter	Type	Resin net							
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	20.0/25.5 /31.0	20.5/26.5 /32.5
		Heating	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	20.0/25.5 /31.0	20.5/26.5 /32.5
Sound power level	Cooling	dBA		59	64	65	64	65	
	Heating	dBA		59	64	-	64	-	
Sound pressure level	Cooling	Low/High	dBA	35/41	39/46	40/47	39/46	40/47	
	Heating	Low/High	dBA	35/41	39/46	40/47	39/46	40/47	
Control systems	Wired remote control		BRC1H519W/K/S / BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage		Hz/V						
		-/-/-							
Outdoor unit		RZASG/RZASG		71MV1	100MV1	125MV1	100MY1	125MY1	
Dimensions	Unit	HeightxWidthxDepth		mm		770x900x320			
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					
	Piping length	OU - IU	Max.	m					
		System	Equivalent	m					
		Chargeless	m						
	Additional refrigerant charge	kg/m		See installation manual					
Level difference	IU - OU	Max.	m						
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240		3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32	16		

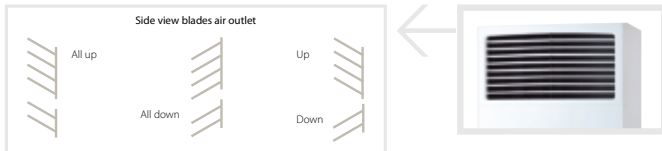
(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.



# 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\*)



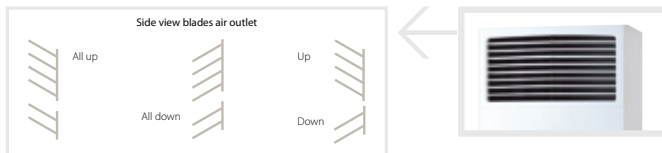
Efficiency data		FVA + RZAG	71A + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	71A + 71MY1	100A + 100MY1	125A + 125MY1	140A + 140MY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5		
Space cooling	Energy efficiency class		A++	A+	-	-	A++	A+	-	-		
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER			6.37	6.00	6.41	6.12	6.37	6.00	6.41	6.12	
	ηs,c		%	-	-	253	242	-	-	253	242	
	Annual energy consumption		kWh/a	374	554	1,133	1,314	374	554	1,133	1,314	
Space heating (Average climate)	Energy efficiency class		A+	-	-	-	A+	-	-	-		
	Capacity	Pdesign	kW	4.70	7.80	9.52	4.70	7.80	9.52	4.70	7.80	
	SCOP/A			4.05	4.20	4.15	3.94	4.05	4.20	4.15	3.94	
	ηs,h		%	-	-	163	155	-	-	163	155	
	Annual energy consumption		kWh/a	1,625	2,600	3,209	3,383	1,625	2,600	3,209	3,383	
Indoor unit		FVA	71A	100A	125A	140A	71A	100A	125A	140A		
Dimensions	Unit HeightxWidthxDepth	mm	1,850x600x270		1,850x600x350		1,850x600x270		1,850x600x350			
Weight	Unit	kg	42		50		42		50			
Air filter	Type		Resin net									
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	14/16/18	22/25/28	24/26/28	26/28/30	14/16/18	22/25/28	24/26/28	26/28/30
		Heating	Low/Medium/High	m³/min	14/16/18	22/25/28	24/26/28	26/28/30	14/16/18	22/25/28	24/26/28	26/28/30
Sound power level	Cooling			dBA	55	62	63	65	55	62	63	65
Sound pressure level	Cooling	Low/High		dBA	38/43	44/50	46/51	48/53	38/43	44/50	46/51	48/53
	Heating	Nom./High		dBA	41/43	47/50	48/51	51/53	41/43	47/50	48/51	51/53
Control systems	Wired remote control		BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52									
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220									
Outdoor unit		RZAG/RZAG	71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1		
Dimensions	Unit HeightxWidthxDepth	mm	990x940x320		1,430x940x320		990x940x320		1,430x940x320			
Weight	Unit	kg	70		92		70		92			
Sound power level	Cooling		dBA	64	66	69	70	65	66	69	70	
	Heating		dBA	-	-	69	70	-	-	69	70	
Sound pressure level	Cooling	Nom.	dBA	46	47	50	51	46	47	50	51	
	Heating	Nom.	dBA	49	51	52	52	49	51	52	52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~52							
	Heating	Ambient	Min.~Max.	°CWB	-20~18.0							
Refrigerant	Type/GWP		R-32/675									
	Charge	kg/TCO2Eq	2.95/1.99		3.75/2.53		2.95/1.99		3.75/2.53			
Piping connections	Liquid/Gas	OD	mm									
	Piping length	OU - IU	Max.	m								
		System	Equivalent	m								
		Chargeless	m									
		Additional refrigerant charge	kg/m									
	Level difference	IU - OU	Max.									
			m									
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)	A	20		32				16			

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

# Floor standing unit

For commercial spaces with high ceilings

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



Efficiency data		FVA + RZASG	71A + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	100A + 100MY1	125A + 125MY1	140A + 140MY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4		
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5		
Space cooling	Energy efficiency class		A+		-		A+		-		
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
	SEER		5.83	5.72	5.52	5.63	5.72	5.52	5.63		
	ηs,c		%	-	-	218	222	-	218	222	
	Annual energy consumption		kWh/a	408	581	1,314	1,428	581	1,314	1,428	
Space heating (Average climate)	Energy efficiency class		A+		-		A		-		
	Capacity	Pdesign	kW	4.50	6.00		7.80	6.00		7.80	
	SCOP/A		4.04	3.83	3.64	3.81	3.83	3.64	3.81		
	ηs,h		%	-	-	143	149	-	143	149	
	Annual energy consumption		kWh/a	1,559	2,193	2,308	2,866	2,193	2,308	2,866	
Indoor unit		FVA	71A	100A	125A	140A	100A	125A	140A		
Dimensions	Unit HeightxWidthxDepth	mm	1,850x600x270		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/High		dBA	38/43	44/50	46/51	48/53	44/50	46/51	48/53
	Heating	Nom./High		dBA	41/43	47/50	48/51	51/53	47/50	48/51	51/53
Control systems	Wired remote control		BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52								
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220								
Outdoor unit		RZASG/RZASG	71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1		
Dimensions	Unit HeightxWidthxDepth	mm	770x900x320		990x940x320						
Weight	Unit	kg	60	70		78	70		77		
Sound power level	Cooling		dBA	65	70	71	73	70	71	73	
	Heating		dBA	-	-	71	73	-	71	73	
Sound pressure level	Cooling	Nom.	dBA	46	53		54	53		54	
	Heating	Nom.	dBA	47	57						
Operation range	Cooling	Ambient	Min.~Max.	°CDB							
	Heating	Ambient	Min.~Max.	°CWB							
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	See installation manual							
Level difference	IU - OU	Max.	m								
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32		16				

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

# Concealed floor standing unit

Designed to be concealed in walls

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

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



Efficiency data				FNA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A
Cooling capacity	Nom.		kW	3.5	5.0	6.0	
Heating capacity	Nom.		kW	4.0	5.8	7.0	
Power input	Cooling	Nom.	kW	-	-	-	
	Heating	Nom.	kW	-	-	-	
Space cooling	Energy efficiency class				A+		
	Capacity	Pdesign	kW	3.5	5	6	
	SEER			5.90	5.90	5.70	
	Annual energy consumption		kWh/a	-	-	-	
Space heating (Average climate)	Energy efficiency class				A		
	Capacity	Pdesign	kW	4.2	4.3	4.5	
	SCOP/A			3.90	3.90	3.90	
	Annual energy consumption		kWh/a	-	-	-	

Indoor unit				FNA	35A9	50A9	60A9
Dimensions	Unit	HeightxWidthxDepth	mm	620 / 720(2)x750x200		620 / 720(2)x1,150x200	
Weight	Unit		kg	23		30	
Air filter	Type					Resin net	
Fan - Air flow rate	Cooling	High/Low	m <sup>3</sup> /min	8.7/7.3		16.0/13.5	
	Heating	High/Low	m <sup>3</sup> /min	8.7/7.3		16.0/13.5	
Fan - External static pressure	High/Nom./Maximum available/High		Pa	48/30/-		49/40/-	
Sound power level	Cooling		dBA	53		56	
Sound pressure level	Cooling	High/Low	dBA	33/28		36/30	
	Heating	High/Low	dBA	33/28		36/30	
Refrigerant	Type					R-32 / R-410A	
Control systems	Infrared remote control					BRC4C65	
	Wired remote control					BRC1H519W/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	
Dimensions	Unit	HeightxWidthxDepth	mm			734x870x373		
Weight	Unit		kg			52		
Sound power level	Cooling		dBA	62		63	64	
	Heating		dBA	62		63	64	
Sound power level	Cooling		dBA	48		49	50	
	Heating		dBA	48		49	50	
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-20 / +52		
	Heating	Ambient	Min.~Max.	°CWB		-20 / +24		
Refrigerant	Type					R32		
	GWP					675		
	Charge		kg/CO <sub>2</sub> Eq			1.55/1.05		
Piping connections	Liquid	OD	mm	6.4 / 9.52		6.4/12.7		
	Gas	OD	mm			50		
	Piping length	OU - IU	Max.	m			50	
		System	Chargeless	m			30	
	Additional refrigerant charge		kg/m			See installation manual		
Level difference	IU - OU	Max.	m			30		
Power supply	Phase/Frequency/Voltage		Hz/V			Single / 50 / 230		
Current - 50Hz	Maximum fuse amps (MFA)		A	16		16	20	

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

\*Note: blue cells contain preliminary data

# Concealed floor standing unit

Designed to be concealed in walls

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

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



Efficiency data			FNA + RXM	25A9 + 25N9	35A9 + 35N9	50A9 + 50N9	60A9 + 60N9
Cooling capacity	Nom.		kW	2,60	3,40	5,00	6,00
Heating capacity	Nom.		kW	3,20	4,00	5,80	7,00
Power input	Cooling	Nom.	kW	0,68	1,10	1,48	2,22
	Heating	Nom.	kW	0,80	1,15	1,74	2,25
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		A+			A
		Pdesign	kW	2,60	3,40	5,00	6,00
		SEER		5,68	5,70	5,77	5,56
	Heating (Average climate)	Annual energy consumption	kWh	160	209	303	378
		Energy efficiency class		A+			
		Pdesign	kW	2,80	2,90	4,00	4,60
	SCOP/A		4,24	4,05	4,09	4,16	
	Annual energy consumption	kWh	924	1002	1369	1547	

Indoor unit				FNA	25A9	35A9	50A9	60A9
Dimensions	Unit	HeightxWidthxDepth	mm	620 / 720(2)x750x200			620 / 720(2)x1,150x200	
Weight	Unit		kg	23			30	
Air filter	Type			Resin net				
Fan - Air flow rate	Cooling	High/Low	m <sup>3</sup> /min	8.7/7.3			16.0/13.5	
	Heating	High/Low	m <sup>3</sup> /min	8.7/7.3			16.0/13.5	
Fan - External static pressure	High/Nom./Maximum available/High		Pa	48/30/-			49/40/-	
Sound power level	Cooling		dBA	53			56	
Sound pressure level	Cooling	High/Low	dBA	33/28			36/30	
	Heating	High/Low	dBA	33/28			36/30	
Refrigerant	Type			R-32 / R-410A				
Control systems	Infrared remote control			BRC4C65				
	Wired remote control			BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52				
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220				

Outdoor unit				RXM	25N9	35N9	50N9	60N9
Dimensions	Unit	HeightxWidthxDepth	mm					
Weight	Unit		kg					
Sound power level	Cooling		dBA	58	61	62.0	63.0	
	Heating		dBA	59	61	62.0	63.0	
Sound pressure level	Cooling	Nom.	dBA	46	49	48.0		
	Heating	Nom.	dBA	47		49		
Operation range	Cooling	Ambient	Min.~Max.	-10~-50				
	Heating	Ambient	Min.~Max.	-20~-24				
Refrigerant	Type			R-32				
	GWP			675.0				
	Charge		kg/CO <sub>2</sub> Eq	-				
Piping connections	Liquid	OD	mm	-				
	Gas	OD	mm	-				
	Piping length	OU - IU	Max.	m	-			
		System	Chargeless	m	-			
	Additional refrigerant charge			kg/m	-			
	Level difference	IU - OU	Max.	m	-			
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240				
Current - 50Hz	Maximum fuse amps (MFA)		A	-				

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

\*Note: blue cells contain preliminary data

# Options - Sky Air

INDOOR UNITS		FCAHG-H FCAG-B	FFA-A9	FDXM-F9	FBA-A(9)
Panels	Decoration panel (obligatory for cassette units, optional for others)	Standard panels: BYCQ140E (white) / BYCQ140EW (full white)(1) / BYCQ140EB (black) Auto cleaning panels(2) (4): BYCQ140EG(F) (white) / BYCQ140EGFB (black) Designer panels: BYCQ140EP (white) / BYCQ140EPB (black)	BYFQ60CW (white) BYFQ60CS (silver) BYFQ60B3 (standard)		
	Panel spacer for reducing required installation height		KDBQ44B60 (only for standard panel)		
	Sealing kit for 3- or 2-directional air discharge	KDBHQ56B140	DBBHQ44C60		
	Sensor kit	BRYQ140B (white) BRYQ140BB (black) BRYQ140C8 (white designer) BRYQ140C8B (black designer)	BRYQ60AW (white)(9) BRYQ60AS (silver)(9)		
Individual control systems	Online Controller	BRP069B82 (14)	BRP069A81	BRP069A81	BRP069A81
	Infrared remote control (incl. receiver)	BRC7FA532F (white) (11) BRC7FA532FB (black) (11) BRC7FB532F (designer white) (11) BRC7FB532FB (designer black) (11)	BRC7EB530W for standard panel (5)(6) BRC7F530W for white panel (5)(6) BRC7F530S - for silver panel (5)(6)	BRC4C65	BRC4C65
	<b>Madoka</b> BRC1H519W (9) (White) / BRC1H519S (9) (Silver) / BRC1K519K (9) (Black) User-friendly wired remote controller with premium design	●	●	●	●
	BRC1E53A/B/C (3) (13) - Wired remote control with full-text interface and back-light	●	●	●	●
Centralised control systems	DIII-net connection - for connection to centralized control	standard	standard	standard	standard
	DCC601A51 - Intelligent tablet controller	●	●	●	●
	DCS601C51 (13) - Intelligent touch controller	●	●	●	●
	DCS302C51 (13) - Central remote control	●	●	●	●
	DCS301B51 (13) - Unified ON/OFF control	●	●	●	●
	DST301B51 (13) - Schedule timer	●	●	●	●
	NIM03 - R04084124324 - Option PCB for group control				
Building Management System & Standard protocol interface	DCM601A51 - Intelligent Touch Manager	●	●	●	●
	RTD-NET - Modbus interface for monitoring and control	●	●	●	●
	RTD-10 - Modbus interface for infrastructure cooling	●	●	●	●
	RTD-20 - Modbus interface for retail	●	●	●	●
	RTD-HO - Modbus interface for hotel	●	●	●	●
	EKMBOXA - Modbus interface	●	●	●	●
	KLIC-DI - KNX Interface	●	●	●	●
	DCM010A51 - Daikin PMS interface	●	●	●	●
	DMS502A51 - BACnet interface	●	●	●	●
DMS504B51 - LonWorks interface	●	●	●	●	
Filters	Replacement long-life filter, non-woven type	KAFP551K160	KAFQ441BA60		
	Auto cleaning filter	see deco panel		BAE20A62 (25 - 35) BAE20A102 (50 - 60)	
Adapter	Extension wire auto cleaning panel (required when auto cleaning panel AND online controller are both installed)				
	Wiring adapter for external monitoring/control via dry contacts and setpoint control via 0-140 Ω	KRP4A53 (10)(11)	KRP4A53 (10)	KRP4A54 (10)	KRP4A52 (10)
	Wiring adapter with 2 output signals (compressor/ Error, Fan output)	KRP1BA58 (10)(11)	KRP1B57 (10)	KRP1B56 (10)	
	Wiring adapter for external central monitoring/control (controls 1 entire system)			KRP2A53 (10)	KRP2A51 (7)(10)
	Adapter for wiring (interlock for fresh air intake fan)				KRP1B54
	Wiring adapter with 4 output signals (compressor / Error, Fan, Aux, heater, Humidifier output)	EKRP1C12 (10)(11)	EKRP1B2		EKRP1B2 (7)
	Adapter for keycard or window contact connection (in combination with BRC1H*, BRC1/2/3E* only)	BRP7A53	BRP7A53	BRP7A54 (10)	BRP7A51 (12)
	Installation box/Mounting plate for adapter PCBs (when there is no space in the switchbox, an installation box is required)	KRP1H98 (11)	KRP1B101/KRP1BA101	KRP1BA101	KRP1B101/KRP1BA101
	External wired temperature sensor	KRCS01-7B	KRCS01-4	KRCS01-4	KRCS01-4
	K.RSS - External wireless temperature sensor	●	●		●
Remote ON/OFF, forced OFF kit	standard	standard	standard	standard	
DTA112B51 - Interface adapter for Sky Air					
Others	Drain pump kit				
	Multi zoning kit (for detailed model code overview refer to multizoning argue card in this catalogue)			2 dampers (25 - 35) 3 dampers (25 - 35) 4 dampers (50) 5 dampers (60)	2 dampers (35 - 50) 3 dampers (35 - 50) 4 dampers (35 - 71) 5 dampers (60 - 140) 6 dampers (60 - 140) 7 dampers (100 - 140) 8 dampers (100 - 140)
	L-type piping kit (upward direction)				
	Fresh air intake kit (direct installation type)	KDDP55D160-2 (11)	KDDQ44XA60		
	Air discharge adapter for round duct				KDAP25A56A (35-50) KDAP25A71A (60-71) KDAP25A140A (100-140)

- (1) Dirt formation is more easily visible on white insulation. It is recommended not to install this option in environments with a high concentration of dirt.  
 (2) To be able to control option BYCQ140EG(F)/EGFB, controller BRC1H\*, BRC1E\* is needed. These options cannot be combined with RXYSQ\*, multi or non-inverter split units

- (3) Included languages are:  
 A: English, German, French, Dutch, Spanish, Italian and Portuguese  
 B: English, Bulgarian, Croatian, Czech, Hungarian, Romanian and Slovenian  
 C: English, Greek, Polish, Russian, Albanian, Slovak and Turkish  
 (4) The option is intended exclusively for use in fine dust environments (e.g. Clothing shops). Do not use it in environments that are greasy or have high humidity. F = finer mesh



FDA-A	ADEA-A	FAA-A	FTXM-N	FHA-A(9)	FUA-A	FVA-A	FNA-A9
BYBS125D + EKBYBSD							
						KDBHP49B140 + KDBTP49B140	
BRP069A81	BRP069A81	BRP069A81	BRP069A41	BRP069A81	BRP069A81	BRP069A81	BRP069A81
BRC4C65	BRC4C65	BRC7EB518		BRC7G53	BRC7CB58		BRC4C65
•	•	•		•	•	•	•
•	•	•	• (BRC073A1) BRCW901A03/A08 extension cords available)	•	•	•	•
standard	standard	standard	KRP928BB25	standard	standard	standard	standard
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
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•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
				KAFP501A56 (35-50) KAFP501A80 (60-71) KAFP501A60 (100-140)	KAFP551K160	KAFJ95L160	
	KRP4A52 (10)	KRP4A51 (10)		KRP4A52 (10)	KRP4A53 (10)	KRP4A52 (10)	KRP4A54
			KRP413AB1S			KRP1B57 (10)	
KRP2A51 (8)	KRP2A51 (7)(10)						
KRP1C64 (7)	KRP1B54			KRP1B54 (10)			
EKRP1B2 (7)	EKRP1B2 (7)						KRP1B56
BRP7A54 (12)	BRP7A51 (12)	BRP7A51 (10)		BRP7A52 (10)	BRP7A53 (10)	BRP7A52	BRP7A51
KRP4A96	KRP1B101/KRP1BA101	KRP4A93		KRP1D93A (box) KKSAP50A56 (35-50) [mounting plate)	KRP1BA97	KRP4AA95	KRP1BA101
KRCS01-4	KRCS01-4	KRCS01-4		KRCS01-4	KRCS01-4		KRCS01-4
•	•	•		•	•		•
EKRORO3	standard						
•							
		K-KDU572EVE		KDUP50Q63 (35 - 60) KDUP50Q160 (71 - 140)			
	2 dampers (35 - 50) 3 dampers (35 - 50) 4 dampers (35 - 71) 5 dampers (60 - 140) 6 dampers (60 - 140) 7 dampers (100 - 140) 8 dampers (100 - 140)						
				KHFP5MA35 (35) KHFP5N63 (50-60) KHFP5N160 (71-140) KDDQ50A140			
KDAJ25K140A	KDAP25A56A (35-50) KDAP25A71A (60-71) KDAP25A140A (100-140)						

- (5) Sensing function is not available
- (6) Individual flap control function not available
- (7) If installing an electrical heater, an option PCB for external electrical heater (EKRP1B2) for each indoor unit is required. These options require mounting plate KRP4A96. Electrical heaters and humidifiers are field-supplied. Do not install them inside the equipment.
- (8) Mounting plate KRP4A96 is required for these options. Maximum 2 option PCB's can be mounted.
- (9) This option cannot be used with RR and RQ models
- (10) Requires installation box for adapter PCB, refer to table for model code
- (11) This option cannot be combined with BYCQ140EG(F)/EGFB
- (12) Maximum 2 optional PCBs can be mounted
- (13) Applicable boxes (KJB\*) to mount controllers can be found in the controls option list
- (14) Extension wire is needed if both auto cleaning panel AND online controller are connected

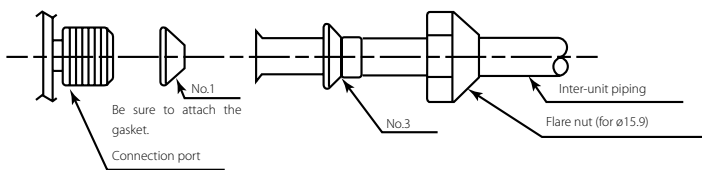
		R-32			
		RZAG-A	RZAG-MV1/MY1	RZASG-MV1/MY1	AZAS-MV1/MY1
Refrigerant branch piping	for twin		KHRQ(M)58T	KHRQ(M)58T	
	for triple		KHRQ(M)58H (100 - 140)	KHRQ(M)58H (100 - 140)	
	for double twin		KHRQ(M)58T (3x) (125 - 140)	KHRQ(M)58T (3x) (125 - 140)	
	Asymmetric combinations piping reducer	ASYCPIR (see table below)			
<b>Demand adapter kit</b>			SB.KRP58M52	SB.KRP58M52	
<b>Bottom plate heater</b>			EKBH140L7		

**Option for asymmetric combination (Asymmetric combinations piping reducer)**

ASYCPIR		Liquid	GAS	
		ø 9.52 → ø 6.4	ø 12.7 → ø 9.52	ø 15.9 → ø 12.7
RZAG35A	FDXM50F9		•	
	FFA50A9		•	
	FBA50A9		•	
	FCAG50B		•	
	FNA50A9		•	
	FTXM50N		•	
RZAG60A	FHA50A9		•	
	FBA71A9	•		
	FCAG71B	•		•
	FTXM71N			•
	FHA71A9	•		•

Example of using:

1) Connecting a pipe of ø12.7 to a gas pipe connection port for ø15.9:







# Madoka guarantees comfort in the most intuitive way imaginable

Available in three attractive colours, Madoka adds style and class to any interior space.

Measuring just 85 x 85 mm, Madoka is extremely compact and will become a fluid part of any background.

Madoka combines refinement and simplicity.

The intuitive touch button control enlarges the display and makes Madoka both easy and enjoyable to use.

The Madoka Assistant app simplifies the advanced settings such as schedule or set point limitation.

Your smartphone connects easily with Madoka via Bluetooth®

White  
RAL 9003 (glossy)

Silver  
RAL 9006 (metallic)

Black  
RAL 9005 (matt)

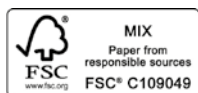
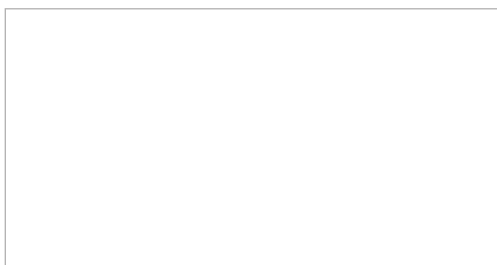


reddot award 2018  
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