

Pricelist 2017-2018

# Sky Air A-series



Prices and technical information for Sky Air products



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All Daikin air conditioning products listed in this document operate with Daikin's own developed inverter compressor technology, delivering outstanding performance with the lowest energy consumption possible.

**NOTES:** All units listed in this price list operate with R32 refrigerant - they contain fluorinated greenhouse gases. R32 has a GWP of 675. Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. These appliances contain a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO<sub>2</sub> over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

The pricelist is valid from 15.07.2017 and all the data inside has to be considered as preliminary. All prior pricelists, except the Sky Air pricelist with R410A models distributed in April 2017 or later, are not valid anymore. All prices are list prices in Euro and excl. VAT. The Daikin Commercial Terms and Conditions apply (see last page or <http://www.daikin-ce.com>). We reserve the right for printing errors and model changes. Price list is only intended for "B2B" (Business to Business) use from Daikin to its business partners and must not be given or made publicly available to consumers.





The new Sky Air with R-32 delivers future proofed, best-in-class climate control for your business and customers.

# Why choose **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 of the system

- ✓ Exceptionally low running costs, SEER up to 7.7
- ✓ Low environmental impact, R-32 refrigerant GWP is 68% lower than R-410A
- ✓ Equipped with tested and trusted Daikin technology

## **BLUE**evolution

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

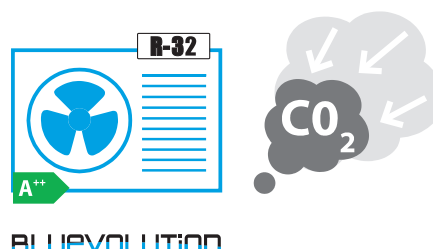
- › R-32 is far more environmentally friendly than previous refrigerants
- › Daikin leads the market with R-32 developments
- › First full light commercial range with R-32 in the market



# 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 7.7) in the market
- › Does not require yearly refrigerant containment checks, which reduces maintenance costs
- › Contains up to 16% lower 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 customers' needs.

- › Eliminates cold drafts
- › Weather dependent setting

The unique round flow cassette ensures superior indoor comfort at the best energy efficiency to keep your customers shopping longer

- › Unique 360° air discharge to avoid hot spots
- › Intelligent sensors and Variable Refrigerant Temperature avoid cold draughts and ensure energy is used efficiently
- › Near silence operation thanks to quiet mode



## ✓ App Control

Whether you're a small or large commercial business, our product range provides just 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

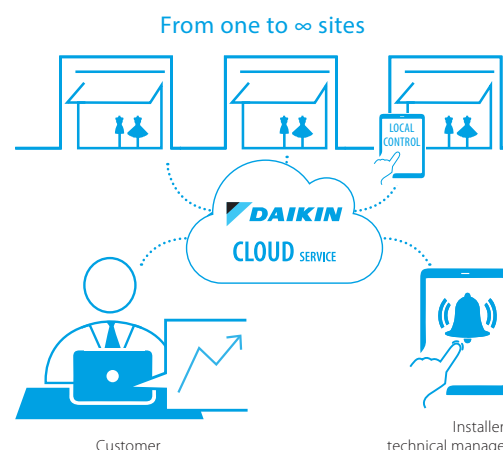


- › IFTTT is a solution that connects compatible 3rd party products and services (smart meters, lights, thermostats, ...), so they work best for you.

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





# The new Sky Air A-series

built for any Sky Air application

- ✓ Lighter and more compact units for easy on-site placement.  
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

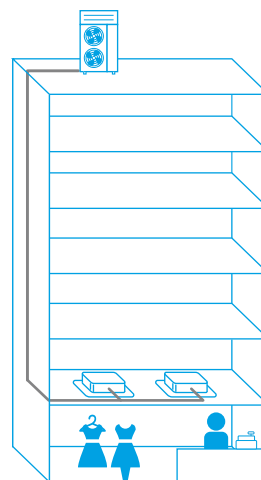
- › Reduces any potential disruption and results in a system that significantly reduces energy consumption and bills for customers
- › Hepta filtration ensures reliable operation without the need for pipe cleaning
- › Cost and time effective solution, as the indoor and outdoor units only need be to changed,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





# Benefits

## for installers

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

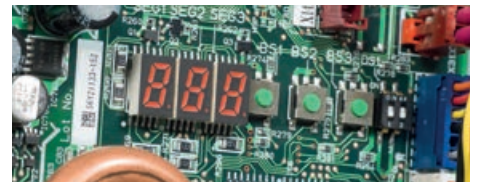
› Up to 60% of applications can be installed without additional refrigerant charge



- ✓ 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**, so installers can expect fewer call-outs to site

› **New refrigerant passes**

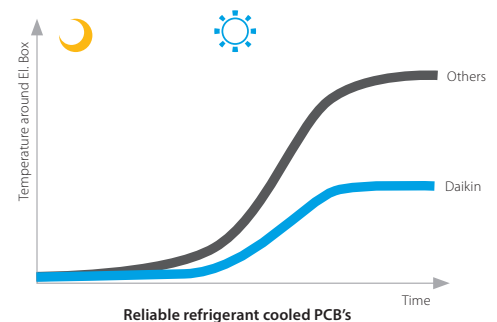
Lower part of the outdoor heat exchanger and drain holes are kept completely open and free of ice allowing ice water to evacuate perfectly, eliminating all risk of ice build-up.

› **Refrigerant cooled PCB's**

Reliable and stable cooling, independent from outdoor conditions



bottom plate refrigerant pass



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



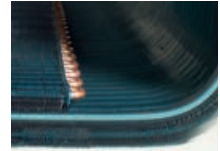
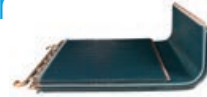
# A future-proof solution

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
- › No refrigerant leakages
- › High compressor efficiencies
- › Increased system life span

## Bottom plate and heat exchanger refrigerant pass



- › Drain holes are kept ice free





# The three new leaders



## Outdoor units products overview











**SkyAir** A-series  
BLUEVOLUTION

### Pair and/or twin, triple, double twin applications

System	Type	Model	Product name	PG	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> <div>R-32</div> <div>A++</div> <ul style="list-style-type: none"> <li>- Industry leading technology for commercial applications</li> <li>- Dedicated solution for infrastructure cooling</li> <li>- Variable Refrigerant Temperature</li> <li>- Maximum piping length up to 85m</li> <li>- Replacement technology</li> <li>- Extended operation range down to -20°C in both heating and cooling</li> <li>- Pair, twin, triple and double twin application</li> </ul>	RZAG-MV1	37				
			RZAG-MY1	37				
		<b>SkyAir Advance-series</b> <div>R-32</div> <div>A+</div> <ul style="list-style-type: none"> <li>- Technology and comfort combined for commercial applications</li> <li>- Very compact and easy to install outdoor units</li> <li>- Maximum piping length up to 50m</li> <li>- Replacement technology</li> <li>- Operation range down to -15°C both cooling and in heating</li> <li>- Pair, twin, triple and double twin application</li> </ul>	RZASG-MV1	38				
			RZASG-MY1	38				
		<b>SkyAir Active-series</b> <div>R-32</div> <div>A</div> <ul style="list-style-type: none"> <li>- Ideal solution for busy environments and small shops</li> <li>- Very compact and easy to install outdoor units</li> <li>- Maximum piping length up to 30m</li> <li>- Replacement technology</li> <li>- Easy-to-mount outdoor units: roof, terrace or wall</li> <li>- Outdoor units with swing or scroll compressor</li> <li>- Exclusively offered for pair applications</li> </ul>	AZAS-MV1	39				
			AZAS-MY1	39				



# Main benefit overview

			<i>SkyAir</i> Alpha-series	<i>SkyAir</i> Advance-series	<i>SkyAir</i> Active-series
			RZAG-MV1 / MY1	RZASG-MV1 / MY1	AZAS-MV1 / MY1
We care icons	 Seasonal efficiency - Smart use of energy	Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season.	A++	A+	A
	 Inverter technology	In combination with inverter controlled outdoor units	●	●	●
	 Replacement technology	Service and maintenance with R-22 is prohibited after 1/01/2015, meaning repairs will be impossible to R-22 systems. Avoid unexpected downtime for your customers and replace these systems now!	●	●	●
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 refrigerant temperature	The intelligent systems ensures highest energy savings with additional comfort to better suit application requirements.	●		
	 Twin/triple/double twin application	2, 3 or 4 indoor units can be connected to only 1 outdoor unit even if they have different capacities. All indoor units operate within the same mode (cooling or heating) from one remote control.	●	●	
	 Swing compressor	Outdoor units are fitted with a swing compressor, renowned for its low noise and high reliability	●	●	●
	 Guaranteed operation down to -20°C	Daikin is suitable for all climates, even withstanding severe winter conditions with an operation range down to -20°C.	●		
	 Infrastructure cooling	For high sensible, infrastructure cooling applications, dedicated infrastructure cooling settings and allowing asymmetric combinations enhance the system's reliability.	●		

## Technical benefits

Compact single fan casing		●	●
Increased piping possibility	85 m	50 m	30 m
New frontplate design	●	●	●
7 segment display	●	●	●
Increased factory charge	●		
Integrated leak check	●		
Refrigerant bottom plate pass	●		
Refrigerant HEX pass	●	●	●
Swing compressor on R-32	●	●	●
Refrigerant cooled PCB's	●	●	●
Intelligent Tablet controller - Online controller app	●	●	●

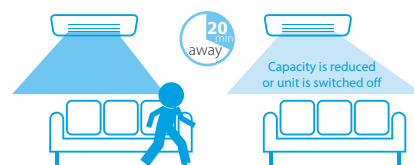


## Features & Functions explanations



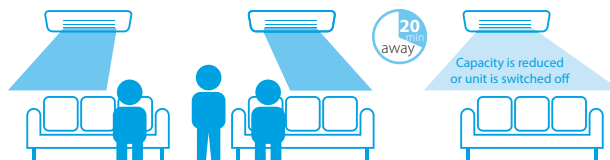
### Intelligent eye - saves money

The Intelligent Eye is a great energy saving feature, because it detects when people leave the room but leave the A/C On. If nobody returns to the room for 20 minutes, the unit automatically goes into energy saving mode, cooling or heating less, but still leaving the room comfortable.



### Multi-area intelligent eye - prevents draft

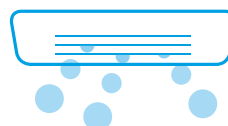
Units equipped with the Multi-area Intelligent Eye have the ability to automatically direct the air flow away from detected persons. This avoids any possibility of discomfort that could be caused by air blowing directly at a person. Of course, the energy saving functionality – if no person is detected in any area for 20 minutes – is present also on these units.



### Econo mode - comfort without trouble to your power supply

The Econo mode allows you to limit the maximum power consumption of the A/C, in case you have problems that circuit breakers often trip when other appliances (vacuum cleaner, microwave oven, etc.) are running at the same time, or if you just want to limit the energy consumption. But it's under your control, and when you need maximum cooling or heating, you can always deactivate it!

Energy consumption of  
10h Ururu Sarara



Energy consumption of  
1 washing cycle



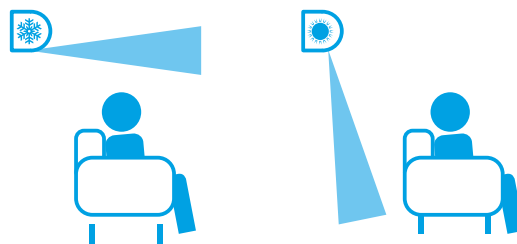
### Auto-cleaning filter - optimum comfort and efficiency at all times

Automatic filter cleaning ensures no dust accumulates on the units dust filter, which ensures the most efficient and most comfortable operation throughout the operation life of the unit, because the air-flow doesn't get blocked by accumulating dust. Additionally, removal of the dust is much simpler and easier than on units without automatic cleaning, where the filters must be removed and washed regularly.



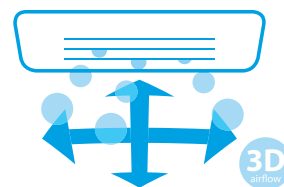
### Comfort airflow mode - comfort both in cooling and heating

The Comfort Airflow Mode automatically adjusts the air flow direction to achieve the most comfortable air temperature distribution in the room, while avoiding blowing directly at persons.



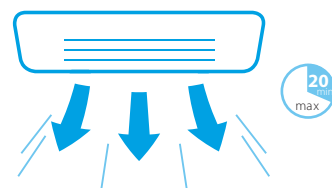
### 3-D airflow - equal temperature throughout the the room

3-D Airflow equipped units have the ability to direct the airflow not just up or down, but also left or right – either based on the users request, or automatically. This achieves perfect air distribution or provides you the ability to control exactly where the air goes



### Powerful mode - maximum capacity, quick comfort

The Powerful mode allows you to reach the maximum capacity from the unit with a single push of a button, and yet you don't have to worry about your electricity bill in case you forget it running. This function enables you to cool down or heat up a room in the shortest possible time, and after 20 minutes, the unit automatically switches to normal operation, preventing the waste of energy.



### Indoor unit silent operation - you will feel the comfort, but not hear it

Units with this mode are able to reach exceptionally low sound levels – some even to the barely audible level of leaves moving in the wind (19dB(A)). This is the perfect function for units installed in bedrooms, because it allows undisturbed sleep even with the unit switched on.

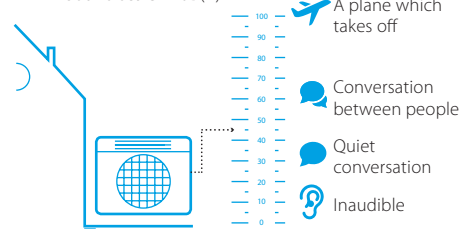




**Outdoor unit silent operation** - no disturbance to you nor the neighbors

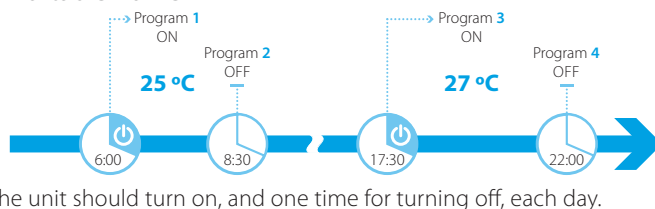
In many cases, one should take care not to disturb the neighborhood during the night – such as in dense residential areas or in apartment blocks. We all like a quiet environment for sleeping. The outdoor unit silent operation mode limits the outdoor unit's noise level, so that you can keep the A/C running, but remain confident you are not disturbing anybody.

Sound scale in dB(A)



**Weekly timer** - look forward to returning to a comfortable home

The weekly timer allows you to program a full week of operation of the A/C, so that you don't have to bother with turning the A/C on and off manually. Up to 4 operations for every day of the week can be programmed. Units without a weekly timer have a 24-hour timer, allowing you to program one time when the unit should turn on, and one time for turning off, each day.



**Online control possibility** - absolute control, whenever, from wherever

Units with the Online Control possibility can be controlled from anywhere, any time, simply from your mobile phone, or tablet. The functionality requires an optional accessory to be purchased, and a local area network must be available to connect the unit to. In addition to simple and easy to use control directly from your mobile device, most units have options available for connection to sophisticated home automation or building management systems using the Modbus or KNX communication protocols or to Daikin central control. (Connection via BACnet or LON also possible via Daikin DIII-Net)



**Air purification filters** - clean air in your home!

The Daikin Titanium Apatite Deodorizing and Silver Allergen Removal filters clean the air through discreet but wonderful chemical reactions. After absorbing bacteria, viruses, ammonia, nitrogen oxide and other harmful substances the device then dissolves the absorbed substances into harmless water and carbon dioxide. Completely unnoticeable, except for the fresh and clean air inside the room.



**Extra-wide operation range** - be sure it will operate when you need it most!

There's nothing nicer than a cosy warm living room while it's freezing cold outside - a number of our ranges are guaranteed to heat even when it gets as cold as -20°C, or even -25°C outside!



Certain technical applications, however, can get hot even when it's cold outside. Units marked with this label can operate reliably in cooling mode to outside temperatures as low as -20°C. (Not applicable for Multi-Split applications)



**Multi-Split application** - comfort for the whole home, from a single outdoor unit

This unit can be applied connected to multi-split outdoor units. Multi-split applications allow you to air condition several rooms using a single outdoor unit, which gives the benefit of a simpler and more elegant installation with lower space requirements outside. Multi-split outdoor units able to server from 2 to 5 indoor units are available, and with the Super-Multi-Plus system, up to 9 indoor units can be served.



**Sky Air Twin/Triple/Double Twin application** - equal temperature everywhere, even in large spaces

Air conditioning single, large spaces can't always be done effectively with just one indoor unit. The Sky Air Twin, Triple and Double-Twin applications allow you to divide the capacity of a single outdoor unit between two, three or four indoor units, respectively. This ensures good and equal air and temperature distribution throughout the space, without the need to multiple smaller outdoor units. This icon symbolizes the possibility to use the indoor unit in such applications.






**Drain pump**

This unit is standard fitted (or optionally, if indicated) with a condensate drain pump. Condensate water which is generated during cooling operation can then be easily drained using piping located even well above the unit. Original Daikin condensate drain pumps are quiet running, reliable and have a low energy consumption thanks to the employment of DC motors.



## Sky Air A-series with R32 refrigerant pair application overview (7 to 14 kW) - technical data & prices

This is just an overview, please check the product pages for more detailed information

Range			Indoor unit	Outdoor unit	Standard Panel	Wired Remote Controller	Phase	Capacity (kW)	
								Cooling (Nominal)	Heating (Nominal)
							V		
Round flow cassette		Alpha series	FCAHG71G	RZAG71MV1	BYCQ140D	BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			FCAHG100G	RZAG100MV1	BYCQ140D	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			FCAHG125G	RZAG125MV1	BYCQ140D	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FCAHG140G	RZAG140MV1	BYCQ140D	BRC1E53A/B/C	1-phase (230V)	13,4	15,5
			FCAHG71G	RZAG71MY1	BYCQ140D	BRC1E53A/B/C	3-phase (400V)	6,8	7,5
			FCAHG100G	RZAG100MY1	BYCQ140D	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			FCAHG125G	RZAG125MY1	BYCQ140D	BRC1E53A/B/C	3-phase (400V)	12	13,5
			FCAHG140G	RZAG140MY1	BYCQ140D	BRC1E53A/B/C	3-phase (400V)	13,4	15,5
			FCAG71A	RZAG71MV1	BYCQ140D	BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			FCAG100A	RZAG100MV1	BYCQ140D	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			FCAG125A	RZAG125MV1	BYCQ140D	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FCAG140A	RZAG140MV1	BYCQ140D	BRC1E53A/B/C	1-phase (230V)	13,4	15,5
			FCAG71A	RZAG71MY1	BYCQ140D	BRC1E53A/B/C	3-phase (400V)	6,8	7,5
			FCAG100A	RZAG100MY1	BYCQ140D	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			FCAG125A	RZAG125MY1	BYCQ140D	BRC1E53A/B/C	3-phase (400V)	12	13,5
			FCAG140A	RZAG140MY1	BYCQ140D	BRC1E53A/B/C	3-phase (400V)	13,4	15,5
		Advance series	FCAG71A	RZASG71MV1	BYCQ140D	BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			FCAG100A	RZASG100MV1	BYCQ140D	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			FCAG125A	RZASG125MV1	BYCQ140D	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FCAG140A	RZASG140MV1	BYCQ140D	BRC1E53A/B/C	1-phase (230V)	13,4	15,5
			FCAG100A	RZASG100MY1	BYCQ140D	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			FCAG125A	RZASG125MY1	BYCQ140D	BRC1E53A/B/C	3-phase (400V)	12	13,5
		Active series	FCAG140A	RZASG140MY1	BYCQ140D	BRC1E53A/B/C	3-phase (400V)	13,4	15,5
			SB.FCAG71_P/AZASV		BYCQ140D	BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			SB.FCAG100_P/AZASV		BYCQ140D	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			SB.FCAG125_P/AZASV		BYCQ140D	BRC1E53A/B/C	1-phase (230V)	12	13,5
			SB.FCAG140A_P/AZASV		BYCQ140D	BRC1E53A/B/C	1-phase (230V)	13,4	15,5
			SB.FCAG100A_P/AZASY		BYCQ140D	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			SB.FCAG125A_P/AZASY		BYCQ140D	BRC1E53A/B/C	3-phase (400V)	12	13,5
			SB.FCAG140A_P/AZASY		BYCQ140D	BRC1E53A/B/C	3-phase (400V)	13,4	15,5
Suspended cassette		Alpha series	FUA71A	RZAG71MV1	-	BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			FUA100A	RZAG100MV1	-	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			FUA125A	RZAG125MV1	-	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FUA71A	RZAG71MY1	-	BRC1E53A/B/C	3-phase (400V)	6,8	7,5
			FUA100A	RZAG100MY1	-	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			FUA125A	RZAG125MY1	-	BRC1E53A/B/C	3-phase (400V)	12	13,5
		Advance series	FUA71A	RZASG71MV1	-	BRC1E53A/B/C		6,8	7,5
			FUA100A	RZASG100MV1	-	BRC1E53A/B/C		9,5	10,8
			FUA125A	RZASG125MV1	-	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FUA100A	RZASG100MY1	-	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			FUA125A	RZASG125MY1	-	BRC1E53A/B/C	3-phase (400V)	12	13,5
			FUA125A	RZASG125MY1	-	BRC1E53A/B/C	3-phase (400V)	12	13,5
Ducted indoor		Alpha series	FBA71A	RZAG71MV1	-	BRC1E53A/B/C	1-phase (230V)	7,1	7,5
			FBA100A	RZAG100MV1	-	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			FBA125A	RZAG125MV1	-	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FBA140A	RZAG140MV1	-	BRC1E53A/B/C	1-phase (230V)	13,4	15,5
			FBA71A	RZAG71MY1	-	BRC1E53A/B/C	3-phase (400V)	7,1	7,5
			FBA100A	RZAG100MY1	-	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			FBA125A	RZAG125MY1	-	BRC1E53A/B/C	3-phase (400V)	12	13,5
			FBA140A	RZAG140MY1	-	BRC1E53A/B/C	3-phase (400V)	13,4	15,5
		Advance series	FBA71A	RZASG71MV1	-	BRC1E53A/B/C	1-phase (230V)	7,1	7,5
			FBA100A	RZASG100MV1	-	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			FBA125A	RZASG125MV1	-	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FBA140A	RZASG140MV1	-	BRC1E53A/B/C	1-phase (230V)	13,4	15,5
			FBA100A	RZASG100MY1	-	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			FBA125A	RZASG125MY1	-	BRC1E53A/B/C	3-phase (400V)	12	13,5
			FBA140A	RZASG140MY1	-	BRC1E53A/B/C	3-phase (400V)	13,4	15,5
		Active series	SB.FBA71/AZAS71V		-	BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			SB.FBA100/AZAS100V		-	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			SB.FBA125/AZAS125V		-	BRC1E53A/B/C	1-phase (230V)	12,1	13,5
			SB.FBA140/AZAS140V		-	BRC1E53A/B/C	1-phase (230V)	13	15,5
			SB.FBA100/AZAS100Y		-	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			SB.FBA125/AZAS125Y		-	BRC1E53A/B/C	3-phase (400V)	12,1	13,5
			SB.FBA140/AZAS140Y		-	BRC1E53A/B/C	3-phase (400V)	13	15,5
			SB.FBA140/AZAS140Y		-	BRC1E53A/B/C	3-phase (400V)	13	15,5







Seasonal efficiency (according to EN14825)				Refrigerant		Max. Piping length	Operation range min~max,		Prices				
Cooling		Heating (Average climate)					OU-IU	Cooling	Heating	Indoor unit	Outdoor unit	Panel	Remote control
Energy label	SEER	Energy label	SCOP	Type	GWP	Meters	°C	°C	RON	RON	RON	RON	RON
A++	7,72	A++	4,61	R32	675	55	-20 ~ 52	-20 ~ 18	3.164,-	10.080,-	1.229,-	738,-	15.211,-
A++	7,35	A++	4,81	R32	675	85	-20 ~ 52	-20 ~ 18	4.428,-	12.641,-	1.229,-	738,-	19.036,-
-	EER:4,08	-	COP:4,49	R32	675	85	-20 ~ 52	-20 ~ 18	5.108,-	13.032,-	1.229,-	738,-	20.107,-
-	EER:3,69	-	COP:4,12	R32	675	85	-20 ~ 52	-20 ~ 18	5.153,-	14.596,-	1.229,-	738,-	21.716,-
A++	7,72	A++	4,61	R32	675	55	-20 ~ 52	-20 ~ 18	3.164,-	10.383,-	1.229,-	738,-	15.514,-
A++	7,35	A++	4,81	R32	675	85	-20 ~ 52	-20 ~ 18	4.428,-	12.779,-	1.229,-	738,-	19.174,-
-	EER:4,08	-	COP:4,49	R32	675	85	-20 ~ 52	-20 ~ 18	5.108,-	13.559,-	1.229,-	738,-	20.634,-
-	EER:3,69	-	COP:4,12	R32	675	85	-20 ~ 52	-20 ~ 18	5.153,-	14.932,-	1.229,-	738,-	22.052,-
A++	7,34	A+	4,20	R32	675	55	-20 ~ 52	-20 ~ 18	2.898,-	10.080,-	1.229,-	738,-	14.945,-
A++	7,14	A++	4,61	R32	675	85	-20 ~ 52	-20 ~ 18	3.816,-	12.641,-	1.229,-	738,-	18.424,-
-	EER:3,79	-	COP:3,64	R32	675	85	-20 ~ 52	-20 ~ 18	4.910,-	13.032,-	1.229,-	738,-	19.909,-
-	EER: 3,37	-	COP:3,61	R32	675	85	-20 ~ 52	-20 ~ 18	5.153,-	14.596,-	1.229,-	738,-	21.716,-
A++	7,34	A+	4,20	R32	675	55	-20 ~ 52	-20 ~ 18	2.898,-	10.383,-	1.229,-	738,-	15.248,-
A++	7,14	A++	4,61	R32	675	85	-20 ~ 52	-20 ~ 18	3.816,-	12.779,-	1.229,-	738,-	18.562,-
-	EER:3,79	-	COP:3,64	R32	675	85	-20 ~ 52	-20 ~ 18	4.910,-	13.559,-	1.229,-	738,-	20.436,-
-	EER: 3,37	-	COP:3,61	R32	675	85	-20 ~ 52	-20 ~ 18	5.153,-	14.932,-	1.229,-	738,-	22.052,-
A++	6,47	A+	4,10	R32	675	50	-15 ~ 46	-15 ~16	2.898,-	8.190,-	1.229,-	738,-	13.055,-
A++	6,76	A+	4,10	R32	675	50	-15 ~ 46	-15 ~16	3.816,-	10.274,-	1.229,-	738,-	16.057,-
-	EER:3,21	-	EER:3,5	R32	675	50	-15 ~ 46	-15 ~16	4.910,-	11.115,-	1.229,-	738,-	17.992,-
-	COP:3,16	-	COP:3,41	R32	675	50	-15 ~ 46	-15 ~16	5.153,-	12.227,-	1.229,-	738,-	19.347,-
A++	6,76	A+	4,10	R32	675	50	-15 ~ 46	-15 ~16	3.816,-	10.584,-	1.229,-	738,-	16.367,-
-	EER:3,21	-	EER:3,5	R32	675	50	-15 ~ 46	-15 ~16	4.910,-	11.448,-	1.229,-	738,-	18.325,-
-	COP:3,16	-	COP:3,41	R32	675	50	-15 ~ 46	-15 ~16	5.153,-	12.596,-	1.229,-	738,-	19.716,-
A+	5,87	A	4,00	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	1.229,-	738,-	8.293,-
A+	5,67	A	3,85	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	1.229,-	738,-	10.284,-
-	EER:3,1	-	COP:3,41	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	1.229,-	738,-	11.596,-
-	EER:3,0	-	COP:3,3	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	1.229,-	738,-	13.144,-
A+	5,67	A	3,85	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	1.229,-	738,-	10.421,-
-	EER:3,1	-	COP:3,41	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	1.229,-	738,-	11.746,-
-	EER:3,0	-	COP:3,3	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	1.229,-	738,-	13.308,-
A++	7,02	A+	4,2	R32	675	55	-20 ~ 52	-20 ~ 18	7.088,-	10.080,-	-	738,-	17.906,-
A++	6,42	A+	4,5	R32	675	85	-20 ~ 52	-20 ~ 18	8.582,-	12.641,-	-	738,-	21.961,-
-	EER:3,47	-	COP:4,08	R32	675	85	-20 ~ 52	-20 ~ 18	9.486,-	13.032,-	-	738,-	23.256,-
A++	7,02	A+	4,2	R32	675	50	-20 ~ 52	-20 ~ 18	7.088,-	10.383,-	-	738,-	18.209,-
A++	6,42	A+	4,5	R32	675	85	-20 ~ 52	-20 ~ 18	8.582,-	12.779,-	-	738,-	22.099,-
-	EER:3,47	-	COP:4,08	R32	675	85	-20 ~ 52	-20 ~ 18	9.486,-	13.559,-	-	738,-	23.783,-
A++	6,16	A+	3,9	R32	675	50	-15 ~ 46	-15 ~16	7.088,-	8.190,-	-	738,-	16.016,-
A+	5,83	A+	4,01	R32	675	50	-15 ~ 46	-15 ~16	8.582,-	10.274,-	-	738,-	19.594,-
-	EER:2,70	-	COP:3,48	R32	675	50	-15 ~ 46	-15 ~16	9.486,-	11.115,-	-	738,-	21.339,-
A+	5,83	A+	4,01	R32	675	50	-15 ~ 46	-15 ~16	8.582,-	10.584,-	-	738,-	19.904,-
-	EER:2,70	-	COP:3,48	R32	675	50	-15 ~ 46	-15 ~16	9.486,-	11.448,-	-	738,-	21.672,-
A++	6,65	A+	4,31	R32	675	55	-20 ~ 52	-20 ~ 18	3.843,-	10.080,-	-	738,-	14.661,-
A++	6,16	A++	4,78	R32	675	85	-20 ~ 52	-20 ~ 18	4.505,-	12.641,-	-	738,-	17.884,-
-	EER:3,38	-	COP:3,98	R32	675	85	-20 ~ 52	-20 ~ 18	4.829,-	13.032,-	-	738,-	18.599,-
-	EER:3,52	-	COP:3,60	R32	675	85	-20 ~ 52	-20 ~ 18	5.405,-	14.596,-	-	738,-	20.739,-
A++	6,65	A+	4,31	R32	675	55	-20 ~ 52	-20 ~ 18	3.843,-	10.383,-	-	738,-	14.964,-
A++	6,16	A++	4,78	R32	675	85	-20 ~ 52	-20 ~ 18	4.505,-	12.779,-	-	738,-	18.022,-
-	EER:3,38	-	COP:3,98	R32	675	85	-20 ~ 52	-20 ~ 18	4.829,-	13.559,-	-	738,-	19.126,-
-	EER:3,52	-	COP:3,60	R32	675	85	-20 ~ 52	-20 ~ 18	5.405,-	14.932,-	-	738,-	21.075,-
A++	6,19	A+	4,01	R32	675	50	-15 ~ 46	-15 ~16	3.843,-	8.190,-	-	738,-	12.771,-
A+	5,83	A+	4,15	R32	675	50	-15 ~ 46	-15 ~16	4.505,-	10.274,-	-	738,-	15.517,-
-	EER:3,29	-	COP:3,70	R32	675	50	-15 ~ 46	-15 ~16	4.829,-	11.115,-	-	738,-	16.682,-
-	EER:3,21	-	COP:3,50	R32	675	50	-15 ~ 46	-15 ~16	5.405,-	8.190,-	-	738,-	18.370,-
A+	5,83	A+	4,15	R32	675	50	-15 ~ 46	-15 ~16	4.505,-	10.584,-	-	738,-	15.827,-
-	EER:3,29	-	COP:3,70	R32	675	50	-15 ~ 46	-15 ~16	4.829,-	11.448,-	-	738,-	17.015,-
-	EER:3,21	-	COP:3,50	R32	675	50	-15 ~ 46	-15 ~16	5.405,-	12.596,-	-	738,-	18.739,-
A	5,57	A	3,81	R32	675	30	-5 ~ 46	-15 ~ 18	-	-	-	738,-	8.009,-
A	5,25	A	3,81	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	-	738,-	9.744,-
-	EER:2,97	-	COP:3,41	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	-	738,-	10.286,-
-	EER:3,01	-	COP:3,41	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	-	738,-	12.167,-
A	5,25	A	3,81	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	-	738,-	9.881,-
-	EER:2,97	-	COP:3,41	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	-	738,-	10.436,-
-	EER:3,01	-	COP:3,41	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	-	738,-	12.331,-



## Sky Air A-series with R32 refrigerant pair application overview (7 to 14 kW) - technical data & prices

This is just an overview, please check the product pages for more detailed information

Range			Indoor unit	Outdoor unit	Standard Panel	Wired Remote Controller	Phase	Capacity (kW)	
								Cooling (Nominal)	Heating (Nominal)
							V		
Ducted indoor		Alpha series	FDA125A	RZAG125MV1	-	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FDA125A	RZAG125MY1	-	BRC1E53A/B/C	3-phase (400V)	12	13,5
		Advance series	FDA125A	RZASG125MV1	-	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FDA125A	RZASG125MY1	-	BRC1E53A/B/C	3-phase (400V)	12	13,5
Ceiling suspended indoor		Alpha series	FHA71A	RZAG71MV1	-	BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			FHA100A	RZAG100MV1	-	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			FHA125A	RZAG125MV1	-	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FHA140A	RZAG140MV1	-	BRC1E53A/B/C	1-phase (230V)	13,4	15,5
			FHA71A	RZAG71MY1	-	BRC1E53A/B/C	3-phase (400V)	6,8	7,5
			FHA100A	RZAG100MY1	-	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			FHA125A	RZAG125MY1	-	BRC1E53A/B/C	3-phase (400V)	12	13,5
			FHA140A	RZAG140MY1	-	BRC1E53A/B/C	3-phase (400V)	13,4	15,5
		Advance series	FHA71A	RZASG71MV1	-	BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			FHA100A	RZASG100MV1	-	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			FHA125A	RZASG125MV1	-	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FHA140A	RZASG140MV1	-	BRC1E53A/B/C	1-phase (230V)	13,4	15,5
			FHA100A	RZASG100MY1	-	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			FHA125A	RZASG125MY1	-	BRC1E53A/B/C	3-phase (400V)	12	13,5
			FHA140A	RZASG140MY1	-	BRC1E53A/B/C	3-phase (400V)	13,4	15,5
			FHA140A	RZASG140MY1	-	BRC1E53A/B/C	3-phase (400V)	13,4	15,5
Wall mounted indoor		Alpha series	FAA71A	RZAG71MV1	-	BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			FAA100A	RZAG100MV1	-	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			FAA71A	RZAG71MY1	-	BRC1E53A/B/C	3-phase (400V)	6,8	7,5
			FAA100A	RZAG100MY1	-	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
		Advance series	FAA71A	RZASG71MV1	-	BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			FAA100A	RZASG100MV1	-	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			FAA100A	RZASG100MY1	-	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
		Active series	SB.FAA71/AZAS71V			BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			SB.FAA100/AZAS100V			BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			SB.FAA100/AZAS100Y			BRC1E53A/B/C	3-phase (400V)	9,5	10,8
Floor standing indoor		Alpha series	FVA71A	RZAG71MV1	-	BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			FVA100A	RZAG100MV1	-	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			FVA125A	RZAG125MV1	-	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FVA140A	RZAG140MV1	-	BRC1E53A/B/C	1-phase (230V)	13,4	15,5
			FVA71A	RZAG71MY1	-	BRC1E53A/B/C	3-phase (400V)	6,8	7,5
			FVA100A	RZAG100MY1	-	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			FVA125A	RZAG125MY1	-	BRC1E53A/B/C	3-phase (400V)	12	13,5
			FVA140A	RZAG140MY1	-	BRC1E53A/B/C	3-phase (400V)	13,4	15,5
		Advance series	FVA71A	RZASG71MV1	-	BRC1E53A/B/C	1-phase (230V)	6,8	7,5
			FVA100A	RZASG100MV1	-	BRC1E53A/B/C	1-phase (230V)	9,5	10,8
			FVA125A	RZASG125MV1	-	BRC1E53A/B/C	1-phase (230V)	12	13,5
			FVA140A	RZASG140MV1	-	BRC1E53A/B/C	1-phase (230V)	13,4	15,5
			FVA100A	RZASG100MY1	-	BRC1E53A/B/C	3-phase (400V)	9,5	10,8
			FVA125A	RZASG125MY1	-	BRC1E53A/B/C	3-phase (400V)	12	13,5
			FVA140A	RZASG140MY1	-	BRC1E53A/B/C	3-phase (400V)	13,4	15,5
			FVA140A	RZASG140MY1	-	BRC1E53A/B/C	3-phase (400V)	13,4	15,5



Seasonal efficiency (according to EN14825)				Refrigerant		Max. Piping length	Operation range min~max,		Prices				
Cooling		Heating (Average climate)					OU-IU	Cooling	Heating	Indoor unit	Outdoor unit	Panel	Remote control
Energy label	SEER	Energy label	SCOP	Type	GWP	Meters	°C	°C	RON	RON	RON	RON	RON
-	EER:3,83	-	COP:3,91	R32	675	85	-20 ~ 52	-20 ~ 18	7.817,-	13.032,-	-	738,-	21.587,-
-	EER:3,83	-	COP:3,91	R32	675	85	-20 ~ 52	-20 ~ 18	7.817,-	13.559,-	-	738,-	22.114,-
-	EER:3,21	-	COP:3,52	R32	675	50	-15 ~ 46	-15 ~16	7.817,-	11.115,-	-	738,-	19.670,-
-	EER:3,21	-	COP:3,52	R32	675	50	-15 ~ 46	-15 ~16	7.817,-	11.448,-	-	738,-	20.003,-
A++	7,51	A+	4,32	R32	675	55	-20 ~ 52	-20 ~ 18	5.522,-	10.080,-	-	738,-	16.340,-
A++	6,42	A++	4,61	R32	675	85	-20 ~ 52	-20 ~ 18	6.215,-	12.641,-	-	738,-	19.594,-
-	EER:3,59	-	COP:3,9	R32	675	85	-20 ~ 52	-20 ~ 18	6.818,-	13.032,-	-	738,-	20.588,-
-	EER:3,48	-	COP:3,63	R32	675	85	-20 ~ 52	-20 ~ 18	6.890,-	14.596,-	-	738,-	22.224,-
A++	7,51	A+	4,32	R32	675	55	-20 ~ 52	-20 ~ 18	5.522,-	10.383,-	-	738,-	16.643,-
A++	6,42	A++	4,61	R32	675	85	-20 ~ 52	-20 ~ 18	6.215,-	12.779,-	-	738,-	19.732,-
-	EER:3,59	-	COP:3,9	R32	675	85	-20 ~ 52	-20 ~ 18	6.818,-	13.559,-	-	738,-	21.115,-
-	EER:3,48	-	COP:3,63	R32	675	85	-20 ~ 52	-20 ~ 18	6.890,-	14.932,-	-	738,-	22.560,-
A+	5,95	A	3,90	R32	675	50	-15 ~ 46	-15 ~16	5.522,-	8.190,-	-	738,-	14.450,-
A+	5,83	A	3,91	R32	675	50	-15 ~ 46	-15 ~16	6.215,-	10.274,-	-	738,-	17.227,-
-	EER:2,95	-	COP:3,83	R32	675	50	-15 ~ 46	-15 ~16	6.818,-	11.115,-	-	738,-	18.671,-
-	EER:3,16	-	COP:3,41	R32	675	50	-15 ~ 46	-15 ~16	6.890,-	12.227,-	-	738,-	19.855,-
A+	5,83	A	3,91	R32	675	50	-15 ~ 46	-15 ~16	6.215,-	10.584,-	-	738,-	17.537,-
-	EER:2,95	-	COP:3,83	R32	675	50	-15 ~ 46	-15 ~16	6.818,-	11.448,-	-	738,-	19.004,-
-	EER:3,16	-	COP:3,41	R32	675	50	-15 ~ 46	-15 ~16	6.890,-	12.596,-	-	738,-	20.224,-
A++	7,03	A+	4,02	R32	675	55	-20 ~ 52	-20 ~ 18	3.186,-	10.080,-	-	738,-	14.004,-
A++	6,42	A+	4,01	R32	675	85	-20 ~ 52	-20 ~ 18	3.330,-	12.641,-	-	738,-	16.709,-
A++	7,03	A+	4,02	R32	675	55	-20 ~ 52	-20 ~ 18	3.186,-	10.383,-	-	738,-	14.307,-
A++	6,42	A+	4,01	R32	675	85	-20 ~ 52	-20 ~ 18	3.330,-	12.779,-	-	738,-	16.847,-
A++	6,41	A	3,9	R32	675	50	-15 ~ 46	-15 ~16	3.186,-	8.190,-	-	738,-	12.114,-
A+	5,83	A+	4,01	R32	675	50	-15 ~ 46	-15 ~16	3.330,-	10.274,-	-	738,-	14.342,-
A+	5,83	A+	4,01	R32	675	50	-15 ~ 46	-15 ~16	3.330,-	10.584,-	-	738,-	14.652,-
A+	5,77	A	3,81	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	-	738,-	6.614,-
A	5,25	A	3,81	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	-	738,-	7.831,-
A	5,25	A	3,81	R32	675	30	-5 ~ 46	-15 ~ 16	-	-	-	738,-	7.968,-
A++	6,81	A+	4,05	R32	675	55	-20 ~ 52	-20 ~ 18	4.199,-	10.080,-	-	738,-	15.017,-
A+	5,89	A+	4,2	R32	675	85	-20 ~ 52	-20 ~ 18	5.909,-	12.641,-	-	738,-	19.288,-
-	EER:3,27	-	COP:3,70	R32	675	85	-20 ~ 52	-20 ~ 18	7.385,-	13.032,-	-	738,-	21.155,-
-	EER:3,37	-	COP:3,61	R32	675	85	-20 ~ 52	-20 ~ 18	8.123,-	14.596,-	-	738,-	23.457,-
A++	6,81	A+	4,05	R32	675	55	-20 ~ 52	-20 ~ 18	4.199,-	10.383,-	-	738,-	15.320,-
A+	5,89	A+	4,2	R32	675	85	-20 ~ 52	-20 ~ 18	5.909,-	12.779,-	-	738,-	19.426,-
-	EER:3,27	-	COP:3,70	R32	675	85	-20 ~ 52	-20 ~ 18	7.385,-	13.559,-	-	738,-	21.682,-
-	EER:3,37	-	COP:3,61	R32	675	85	-20 ~ 52	-20 ~ 18	8.123,-	14.932,-	-	738,-	23.793,-
A+	5,83	A	3,86	R32	675	50	-15 ~ 46	-15 ~16	4.199,-	8.190,-	-	738,-	13.127,-
A+	5,72	A+	4,01	R32	675	50	-15 ~ 46	-15 ~16	5.909,-	10.274,-	-	738,-	16.921,-
-	EER:2,81	-	COP:3,47	R32	675	50	-15 ~ 46	-15 ~16	7.385,-	11.115,-	-	738,-	19.238,-
-	EER:3,16	-	COP:3,41	R32	675	50	-15 ~ 46	-15 ~16	8.123,-	12.227,-	-	738,-	21.088,-
A+	5,72	A+	4,01	R32	675	50	-15 ~ 46	-15 ~16	5.909,-	10.584,-	-	738,-	17.231,-
-	EER:2,81	-	COP:3,47	R32	675	50	-15 ~ 46	-15 ~16	7.385,-	11.448,-	-	738,-	19.571,-
-	EER:3,16	-	COP:3,41	R32	675	50	-15 ~ 46	-15 ~16	8.123,-	12.596,-	-	738,-	21.457,-

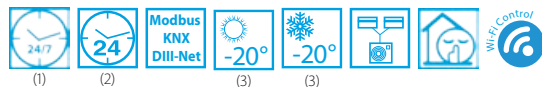


# FAA-A

## Sky Air series Wall mounted unit

High capacity wall mounted units for small commercial applications

Available from August '17 onwards



## FAA-A pair combinations

Indoor unit	Outdoor unit	Cooling capacity kW	Heating capacity kW	Seasonal efficiency (according to EN14825)								Prices		
				Cooling				Heating (Average climate)				Indoor unit RON	Outdoor unit RON	Set price RON
				Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh			

### Sky Air Alpha series combinations

SkyAir Alpha-series

1-phase (230V)	FAA71A	RZAG71MV1	6,8	7,5	A++	-	7,03	-	A+	-	4,02	-	3.186,-	10.080,-	13.266,-
	FAA100A	RZAG100MV1	9,5	10,8	A++	-	6,42	-	A+	-	4,01	-	3.330,-	12.641,-	15.971,-
3-phase (400V)	FAA71A	RZAG71MY1	6,8	7,5	A++	-	7,03	-	A+	-	4,02	-	3.186,-	10.383,-	13.569,-
	FAA100A	RZAG100MY1	9,5	10,8	A++	-	6,42	-	A+	-	4,01	-	3.330,-	12.779,-	16.109,-

### Sky Air Advance series combinations

SkyAir Advance-series

1-phase (230V)	FAA71A	RZASG71MV1	6,8	7,5	A++	-	6,41	-	A	-	3,9	-	3.186,-	8.190,-	11.376,-
	FAA100A	RZASG100MV1	9,5	10,8	A+	-	5,83	-	A+	-	4,01	-	3.330,-	10.274,-	13.604,-
3-phase (400V)	FAA100A	RZASG100MY1	9,5	10,8	A+	-	5,83	-	A+	-	4,01	-	3.330,-	10.584,-	13.914,-

### Sky Air Active combinations

SkyAir Active-series

1-phase (230V)	SB.FAA71/AZAS71V	6,8	7,5	A+	-	5,77	-	A	-	3,81	-	6.614,-		
	SB.FAA100/AZAS100V	9,5	10,8	A	-	5,25	-	A	-	3,81	-	7.831,-		
3-phase (400V)	SB.FAA100/AZAS100Y	9,5	10,8	A	-	5,25	-	A	-	3,81	-	7.968,-		

FAA-A units are duty rotation and back up compatible in case of combined with Sky Air Alpha series.

Remote controller is not included in Indoor unit price and Set price and has to be ordered separately.

## Accessories for FAA-A units

Material name	Description	Price RON
<b>BRC7EB518</b>	Infra-red wireless remote controller	981,-
<b>BRC1E53A</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria	738,-
<b>BRC1E53B</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian	738,-
<b>BRC1E53C</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian	738,-
<b>K-KDU572EVE</b>	External drain pump kit (1000 mm delivery height)	3.614,-
<b>BRP069A81</b>	Sky Air WLAN adaptor for WiFi App control	TBC

Indoor unit		FAA		71A	100A
Dimensions	Unit	HeightxWidthxDepth	mm	290x1.050x238	340x1.200x240
Weight	Unit		kg	13	17
Fan - Air flow rate	Cooling	High/Low	m³/min	18/14	26/19
	Heating	High/Low	m³/min	18/14	26/19
Sound power level	Cooling		dBA	61	65
	Heating		dBA	61	65
Sound pressure level	Cooling	High/Low	dBA	45/40	49/41
	Heating	High/Low	dBA	45/40	49/41
Refrigerant	Type			R-32 / R-410A	
Control system	Infrared remote control			BRC7EB518	
	Wired remote control			BRC1E53A / BRC1E53B / BRC1E53C	
Power supply	Phase / Frequency / Voltage	Hz / V		1~ / 50 / 220-240	

\*Note: blue cells contain preliminary data; (1) With wired R/C; (2) With wireless R/C; (3) With Sky Air Alpha series

See page 37 for technical data of the RZAG outdoor units. See page 38 for technical data of the RZASG outdoor units.

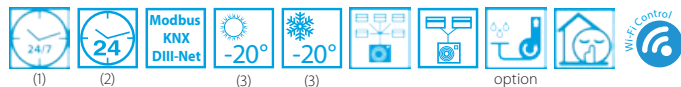


## FHA-A

## Sky Air series ceiling suspended unit

Requires no false ceiling and saves space on the walls

Available from August '17 onwards



## FHA-A pair combinations

Indoor unit	Outdoor unit	Cooling capacity kW	Heating capacity kW	Seasonal efficiency (according to EN14825)								Prices		
				Cooling				Heating (Average climate)				Indoor unit RON	Outdoor unit RON	Set price RON
				Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh			

## Small capacity combinations

FHA35A	RXM35M9	3,4	4	A++	-	6,24	-	A+	-	4,43	-	3.785,-		
FHA50A	RXM50M9	5	6	A+	-	5,92	-	A	-	3,86	-	3.879,-		
FHA60A	RXM60M9	5,7	7,2	A+	-	6,08	-	A+	-	3,87	-	4.325,-		

## Sky Air Alpha series combinations

SkyAir Alpha-series

1-phase (230V)	FHA71A	RZAG71MV1	6,8	7,5	A++	-	7,51	-	A+	-	4,32	-	5.522,-	10.080,-	15.602,-
	FHA100A	RZAG100MV1	9,5	10,8	A++	-	6,42	-	A++	-	4,61	-	6.215,-	12.641,-	18.856,-
	FHA125A	RZAG125MV1	12,1	13,5	-	-	3,59	-	-	-	3,90	-	6.818,-	13.032,-	19.850,-
	FHA140A	RZAG140MV1	13,4	15,5	-	-	3,48	-	-	-	3,63	-	6.890,-	14.596,-	21.486,-
3-phase (400V)	FHA71A	RZAG71MY1	6,8	7,5	A++	-	7,51	-	A+	-	4,32	-	5.522,-	10.383,-	15.905,-
	FHA100A	RZAG100MY1	9,5	10,8	A++	-	6,42	-	A++	-	4,61	-	6.215,-	12.779,-	18.994,-
	FHA125A	RZAG125MY1	12,1	13,5	-	-	EER:3,59	-	-	-	COP:3,90	-	6.818,-	13.559,-	20.377,-
	FHA140A	RZAG140MY1	13,4	15,5	-	-	EER:3,48	-	-	-	COP:3,63	-	6.890,-	14.932,-	21.822,-

## Sky Air Advance series combinations

SkyAir Advance-series

1-phase (230V)	FHA71A	RZASG71MV1	6,8	7,5	A+	-	5,95	-	A	-	3,9	-	5.522,-	8.190,-	13.712,-
	FHA100A	RZASG100MV1	9,5	10,8	A+	-	5,83	-	A	-	COP:3,91	-	6.215,-	10.274,-	16.489,-
	FHA125A	RZASG125MV1	12,1	13,5	-	-	EER:2,95	-	-	-	COP:3,83	-	6.818,-	11.115,-	17.933,-
	FHA140A	RZASG140MV1	13,4	15,5	-	-	EER:3,16	-	-	-	3,41	-	6.890,-	12.227,-	19.117,-
3-phase (400V)	FHA100A	RZASG100MY1	9,5	10,8	A+	-	5,83	-	A	-	3,91	-	6.215,-	10.584,-	16.799,-
	FHA125A	RZASG125MY1	12,1	13,5	-	-	EER:2,95	-	-	-	COP:3,83	-	6.818,-	11.448,-	18.266,-
	FHA140A	RZASG140MY1	13,4	15,5	-	-	EER:3,16	-	-	-	COP:3,41	-	6.890,-	12.596,-	19.486,-

FHA-A units are duty rotation and back up compatible in case of combined with Sky Air Alpha series.

Remote controller is not included in Indoor unit price and Set price and has to be ordered separately.

## Accessories for FHA-A units

Material name	Description	Price RON
<b>BRC7G53</b>	Infra-red wireless remote controller	1.701,-
<b>BRC1E53A</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria	738,-
<b>BRC1E53B</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian	738,-
<b>BRC1E53C</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian	738,-
<b>KDDQ50A140</b>	Fresh air intake kit	1.121,-
<b>KDU50P60</b>	Drain pump kit for FHA35~60A	4.140,-
<b>KDU50P140</b>	Drain pump kit for FHA71~140A	5.706,-
<b>BRP069A81</b>	Sky Air WLAN adaptor for WiFi App control	TBC

Indoor unit				FHA	35A	50A	60A	71A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690		235x1.270x690		235x1.590x690			
Weight	Unit		kg	24	25	31	32	38			
Air filter	Type			Resin net with mold resistance							
Fan - Air flow rate	Cooling	High/Low	m³/min	14/10	15/10	19.5/11.5	20.5/14	28/20	31/23	34/24	
	Heating	High/Low	m³/min	14/10	15/10	19.5/11.5	20.5/14	28/20	31/23	34/24	
Sound power level	Cooling		dBA	53	54		55	60	62	64	
	Heating		dBA	53	54		55	60	62	64	
Sound pressure level	Cooling	High/Low	dBA	36/31	37/32	37/33	38/34	42/34	44/37	46/38	
	Heating	High/Low	dBA	36/31	37/32	37/33	38/34	42/34	44/37	46/38	
Refrigerant	Type			R-32 / R-410A							
Control systems	Infrared remote control			BRC7G53							
	Wired remote control			BRC1D52 / BRC1E53A / BRC1E53B / BRC1E53C			BRC1E53A / BRC1E53B / BRC1E53C				
Power supply	Phase / Frequency / Voltage	Hz / V		1~ / 50 / 220-240							

\*Note: blue cells contain preliminary data; (1) With wired R/C; (2) With wireless R/C; (3) With Sky Air Alpha series

See page 36 for technical data of the RXM outdoor units, page 38 for RZAG outdoor units and page 37 for RZASG outdoor units.



## FUA-A

## Sky Air series 4-way blow ceiling suspended cassette

Unique unit on the market with unique possibilities: 4-way discharge requiring no false ceiling space

Available from August '17 onwards



## FUA-A / Sky Air Alpha series

SkyAir *Alpha-series*

	Indoor unit	Outdoor unit	Cooling capacity kW	Heating capacity kW	Seasonal efficiency (according to EN14825)								Prices		
					Cooling				Heating (Average climate)				Indoor unit RON	Outdoor unit RON	Set price RON
					Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh			
1-phase (230V)	FUA71A	RZAG71MV1	6,8	7,5	A++	-	7,02	-	A+	-	4,2	-	7.088,-	10.080,-	17.168,-
	FUA100A	RZAG100MV1	9,5	10,8	A++	-	6,42	-	A+	-	4,5	-	8.582,-	12.641,-	21.223,-
	FUA125A	RZAG125MV1	12,1	13,5	-	-	EER:3,47	-	-	-	COP:4,08	-	9.486,-	13.032,-	22.518,-
3-phase (400V)	FUA71A	RZAG71MY1	6,8	7,5	A++	-	7,02	-	A+	-	4,2	-	7.088,-	10.383,-	17.471,-
	FUA100A	RZAG100MY1	9,5	10,8	A++	-	6,42	-	A+	-	4,5	-	8.582,-	12.779,-	21.361,-
	FUA125A	RZAG125MY1	12,1	13,5	-	-	EER:3,47	-	-	-	COP:4,08	-	9.486,-	13.559,-	23.045,-

Remote controller is not included in Indoor unit price and Set price and has to be ordered separately.

## FUA-A / Sky Air Advance series

SkyAir *Advance-series*

	Indoor unit	Outdoor unit	Cooling capacity kW	Heating capacity kW	Seasonal efficiency (according to EN14825)								Prices		
					Cooling				Heating (Average climate)				Indoor unit RON	Outdoor unit RON	Set price RON
					Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh			
1-phase (230V)	FUA71A	RZASG71MV1	6,8	7,5	A++	-	6,16	-	A+	-	3,9	-	7.088,-	8.190,-	15.278,-
	FUA100A	RZASG100MV1	9,5	10,8	A+	-	5,83	-	A+	-	4,01	-	8.582,-	10.274,-	18.856,-
	FUA125A	RZASG125MV1	12,1	13,5	-	-	EER:4,08	-	-	-	COP:4,08	-	9.486,-	11.115,-	20.601,-
3-phase (400V)	FUA100A	RZASG100MY1	9,5	10,8	A+	-	5,83	-	A+	-	4,01	-	8.582,-	10.584,-	19.166,-
	FUA125A	RZASG125MY1	12,1	13,5	-	-	EER:3,47	-	-	-	COP:4,08	-	9.486,-	11.448,-	20.934,-

Remote controller is not included in Indoor unit price and Set price and has to be ordered separately.

## Accessories for FUA-A units

Material name	Description	Price RON
<b>BRC7C58</b>	Infra-red wireless remote controller - Note: no individual flap control possible	2.223,-
<b>BRC1E53A</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria	738,-
<b>BRC1E53B</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian	738,-
<b>BRC1E53C</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian	738,-
<b>KDBHP49B140</b>	Sealing kit for 3-directional or 2-directional air discharge	1.022,-
<b>KDBTP49B140</b>	Decoration panel for a sealed air discharge	1.593,-
<b>BRP069A81</b>	Sky Air WLAN adaptor for WiFi App control	TBC

Note: Duty rotation and back-up functions only works with certain indoor units and only with Sky Air Alpha series outdoors.

Indoor unit		FUA		71A	100A	125A
Dimensions	Unit	HeightxWidthxDepth	mm	198x950x950		
Weight	Unit		kg	25	26	
Air filter	Type			Resin net with mold resistance		
Fan - Air flow rate	Cooling	High/Low	m³/min	23/16	31/20	32.5/20.5
	Heating	High/Low	m³/min	23/16	31/20	32.5/20.5
Sound power level	Cooling		dBA	59	64	65
	Heating		dBA	59	64	65
Sound pressure level	Cooling	High/Low	dBA	41/35	46/39	47/40
	Heating	High/Low	dBA	41/35	46/39	47/40
Refrigerant	Type			R-32 / R-410A		
Control systems	Infrared remote control			BRC7C58		
	Wired remote control			BRC1E53A / BRC1E53B /BRC1E53AC		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220		

\*Note: blue cells contain preliminary data; (1) With wired R/C; (2) With wireless R/C; (3) With Sky Air Alpha series

See page 37 for technical data of the RZAG and page 38 for technical data of the RZASG outdoor units.

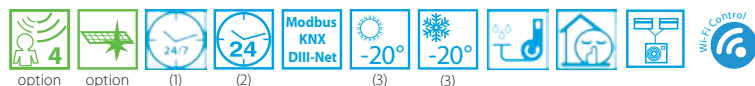


## FCAHG-G

## Sky Air series High COP, round flow cassette

Market leading unit with unique 360° air distribution and unsurpassed functions and options are now extended with R32

- > 68% lower GWP compared to R-410A products
- > 12% lower refrigerant charge compared to R-410A products
- > Minimum 5% more efficient when compared to R-410A products



## FCAHG-G pair combinations

Indoor unit	Outdoor unit	Cooling capacity kW	Heating capacity kW	Seasonal efficiency (according to EN14825)								Prices		
				Cooling				Heating (Average climate)				Indoor unit	Outdoor unit	Set price
				Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh	RON	RON	RON

## Sky Air Alpha series combinations

SkyAir Alpha-series

1-phase (230V)	FCAHG71G	RZAG71MV1	6,8	7,5	A++	-	7,72	-	A++	-	4,61	-	3.164,-	10.080,-	14.473,-
	FCAHG100G	RZAG100MV1	9,5	10,8	A++	-	7,35	-	A++	-	4,81	-	4.428,-	12.641,-	18.298,-
	FCAHG125G	RZAG125LMV1	12,1	13,5	-	-	EER:4,08	-	-	-	COP:4,49	-	5.108,-	13.032,-	19.369,-
	FCAHG140G	RZAG140MV1	13,4	15,5	-	-	EER:4,49	-	-	-	COP:4,12	-	5.153,-	14.596,-	20.978,-
3-phase (400V)	FCAHG71G	RZAG71MY1	6,8	7,5	A++	-	7,72	-	A++	-	4,61	-	3.164,-	10.383,-	14.776,-
	FCAHG100G	RZAG100MY1	9,5	10,8	A++	-	7,35	-	A++	-	4,81	-	4.428,-	12.779,-	18.436,-
	FCAHG125G	RZAG125MY1	12,1	13,5	-	-	EER:4,08	-	-	-	COP:4,49	-	5.108,-	13.559,-	19.896,-
	FCAHG140G	RZAG140MY1	13,4	15,5	-	-	EER:4,49	-	-	-	COP:4,12	-	5.153,-	14.932,-	21.314,-

FCAHG-G units are duty rotation and back up compatible with BRC1E53\* controller.

⚠ Please do not forget that a decoration panel is required. Available decoration panels are listed below, marked with ⚠ sign. The **Set price** above already **includes** the price of the standard decoration panel BYCQ140D. The **Indoor unit price** above **does not include** the price of the decoration panel.

Remote controller is not included in Indoor unit price and Set price and has to be ordered separately.

## Accessories for FCAHG-G units

Material name	Description	Price RON
⚠ BYCQ140D	Standard decoration panel (RAL9010, grey discharge openings) - Included in above calculated Set price	1.229,-
⚠ BYCQ140DGD9	Self-cleaning decoration panel - Note: must be combined with the BRC1E* Standard wired remote controller	2.376,-
⚠ BYCQ140DW	Full-white (RAL9010) Decoration panel (including white discharge openings)	1.386,-
BRC7FA532F	Infra-red wireless remote controller - Note: no individual flap control possible	873,-
BRC1E53A	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria	738,-
BRC1E53B	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian	738,-
BRC1E53C	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian	738,-
BRYQ140A	Presence & Floor sensors - Note: must be combined with the BRC1E* Standard wired remote controller	675,-
CE.KDDQ55B140	Fresh air intake kit	2.556,-
KDBHQ55B140	Sealing kit for 3-directional or 2-directional air discharge	504,-
KAFP551K160	Replacement long life filter	484,-
BRP069A81	Sky Air WLAN adaptor for WiFi App control	TBC

Indoor unit		FCAHG		71G	100G	125G	140G
Dimensions	Unit	HeightxWidthxDepth	mm	288x840x840			
Weight	Unit		kg	25			
Decoration panel	Model			BYCQ140DGF9 - auto cleaning panel with fine mesh filter / BYCQ140DGD9 - auto cleaning panel / BYCQ140DW - full white / BYCQ140D - white with grey louvers			
	Colour			Pure White (RAL 9010)			
	Dimensions	HeightxWidthxDepth	mm	130x950x950 / 130x950x950 / 50x950x950 / 50x950x950			
	Weight		kg	10,3 / 10,3 / 5,4 / 5,4			
Air filter	Type			Resin net with mold resistance			
Fan - Air flow rate	Cooling	High/Low	m³/min	21,2/12,2	32,3/19,0	33,5/19,9	33,5/21,1
	Heating	High/Low	m³/min	21,2/12,2	32,3/19,0	33,5/19,9	33,5/21,1
Sound power level	Cooling		dBA	53		61	
	Heating		dBA	53		61	
Sound pressure level	Cooling	High/Low	dBA	36/29	44/33	45/35	45/37
	Heating	High/Low	dBA	36/29	44/33	45/35	45/37
Refrigerant	Type			R-32 / R-410A			
Control systems	Infrared remote control			BRC7FA532F			
	Wired remote control			BRC1E53A / BRC1E53B / BRC1E53C			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			

\*Note: blue cells contain preliminary data; (1) With wired R/C; (2) With wireless R/C

See page 37 for technical data of the RZAG outdoor units.



# FCAG-A

## Sky Air series with round flow cassette

Market-leading unit with unique 360° air distribution and unsurpassed functions and options



## FCAG-A pair combinations

Indoor unit	Outdoor unit	Cooling capacity kW	Heating capacity kW	Seasonal efficiency (according to EN14825)								Prices		
				Cooling				Heating (Average climate)				Indoor unit RON	Outdoor unit RON	Set price RON
				Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh			

### Small capacity combinations

FCAG35A	RXM35M9	3,4	4,2	A++	-	6,41	-	A++	-	4,90	-	2.615,-		
FCAG50A	RXM50M9	5	6	A++	-	6,54	-	A+	-	4,10	-	2.723,-		
FCAG60A	RXM60M9	5,7	7	A+	-	6,28	-		-	4,00	-	2.754,-		

### Sky Air Alpha series combinations

SkyAir Alpha-series

1-phase (230V)	FCAG71A	RZAG71MV1	6,8	7,5	A++	-	7,34	-	A+	-	4,2	-	2.898,-	10.080,-	14.207,-
	FCAG100A	RZAG100MV1	9,5	10,8	A++	-	7,14	-	A++	-	4,61	-	3.816,-	12.641,-	17.686,-
	FCAG125A	RZAG125MV1	12,1	13,5	-	-	EER:3,79	-	-	-	COP:3,64	-	4.910,-	13.032,-	19.171,-
	FCAG140A	RZAG140MV1	13,4	15,5	-	-	EER:3,37	-	-	-	COP:3,61	-	5.153,-	14.596,-	20.978,-
3-phase (400V)	FCAG71A	RZAG71MY1	6,8	7,5	A++	-	7,34	-	A+	-	4,2	-	2.898,-	10.383,-	14.510,-
	FCAG100A	RZAG100MY1	9,5	10,8	A++	-	7,14	-	A++	-	4,61	-	3.816,-	12.779,-	17.824,-
	FCAG125A	RZAG125MY1	12,1	13,5	-	-	EER:3,79	-	-	-	COP:3,64	-	4.910,-	13.559,-	19.698,-
	FCAG140A	RZAG140MY1	13,4	15,5	-	-	EER:3,37	-	-	-	COP:3,61	-	5.153,-	14.932,-	21.314,-

### Sky Air Advance series combinations

SkyAir Advance-series

1-phase (230V)	FCAG71A	RZASG71MV1	6,8	7,5	A++	-	6,47	-	A+	-	4,1	-	2.898,-	8.190,-	12.317,-
	FCAG100A	RZASG100MV1	9,5	10,8	A++	-	6,76	-	A+	-	4,1	-	3.816,-	10.274,-	15.319,-
	FCAG125A	RZASG125MV1	12,1	13,5	-	-	EER:3,21	-	-	-	COP:3,50	-	4.910,-	11.115,-	17.254,-
	FCAG140A	RZASG140MV1	13,4	15,5	-	-	EER:3,16	-	-	-	COP:3,41	-	5.153,-	12.227,-	18.609,-
3-phase (400V)	FCAG100A	RZASG100MY1	9,5	10,8	A++	-	6,76	-	A+	-	4,1	-	3.816,-	10.584,-	15.629,-
	FCAG125A	RZASG125MY1	12,1	13,5	-	-	EER:3,21	-	-	-	COP:3,50	-	4.910,-	11.448,-	17.587,-
	FCAG140A	RZASG140MY1	13,4	15,5	-	-	EER:3,16	-	-	-	COP:3,41	-	5.153,-	12.596,-	18.978,-

⚠ Please do not forget that a decoration panel is required. Available decoration panels are listed below, marked with ⚠ sign. The **Set price** above already **includes** the price of the standard decoration panel BYCQ140D. The **Indoor unit price** above **does not include** the price of the decoration panel. Remote controller is not included in Indoor unit price and Set price and has to be ordered separately.

## Accessories for FCAG-A units

Material name	Description	Price RON
⚠ BYCQ140D	Standard decoration panel (RAL9010, grey discharge openings) - Included in above calculated Set price	1.229,-
⚠ BYCQ140DGD9	Self-cleaning decoration panel - Note: must be combined with the <b>BRC1E*</b> Standard wired remote controller	2.376,-
⚠ BYCQ140DW	Full-white (RAL9010) Decoration panel (including white discharge openings)	1.386,-
<b>BRC7FA532F</b>	Infra-red wireless remote controller - Note: no individual flap control possible	873,-
<b>BRC1E53*</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. <b>BRC1E53A</b> for AT; <b>BRC1E53B</b> for CZ, HR, HU, RO, SI, BG; <b>BRC1E53C</b> for SK and AL.	738,-
<b>BRYQ140A</b>	Presence & Floor sensors - Note: must be combined with the <b>BRC1E*</b> Standard wired remote controller	675,-
<b>CE.KDDQ55B140</b>	Fresh air intake kit	2.556,-
<b>KDBHQ55B140</b>	Sealing kit for 3-directional or 2-directional air discharge	504,-
<b>KAFP551K160</b>	Replacement long life filter	484,-
<b>BRP069A81</b>	Sky Air WLAN adaptor for WiFi App control	TBC

Note: Duty rotation and back up functions only work with certain indoor units and only with Sky Air Alpha series outdoors.

Indoor unit		FCAG		35F		50F		60F		71A		100A		125A		140A	
Dimensions	Unit	HeightxWidthxDepth		mm		204x840x840				204x840x840				246x840x840			
Weight	Unit			kg		18		19		21		24					
Decoration panel	Model	BYCQ140DGF9 - auto cleaning panel with fine mesh filter / BYCQ140DGD9 - auto cleaning panel / BYCQ140DW - full white / BYCQ140D - white with grey louvers															
		Pure White (RAL 9010)															
	Colour																
	Dimensions	HeightxWidthxDepth	mm														
	Weight			kg		130x950x950 / 130x950x950 / 50x950x950 / 50x950x950											
						10,3 / 10,3 / 5,4 / 5,4											
Air filter	Type	Resin net with mold resistance															
Fan - Air flow rate	Cooling	High/Low	m³/min		12,5/8,7		12,6/8,7		13,6/8,7		15,0/9,1		22,8/12,4		26,0/12,4		
	Heating	High/Low	m³/min		12,5/8,7		12,6/8,7		13,6/8,7		15,0/9,1		22,8/12,4		26,0/12,4		
Sound power level	Cooling			dBA		49				51		49		54		58	
	Heating			dBA		49				51		49		54		58	
Sound pressure level	Cooling	High/Low	dBA		31/27				33/28		35/28		37/29		41/29		
	Heating	High/Low	dBA		31/27				33/28		33/28		37/29		41/29		
Refrigerant	Type	R-32 / R-410A															
Control systems	Infrared remote control	BRC7FA532F															
	Wired remote control	BRC1E53A / BRC1E53B / BRC1E53C															
Power supply	Phase / Frequency / Voltage	Hz / V		1~ / 50 / 220-240													

\*Note: blue cells contain preliminary data; (1) With wired R/C; (2) With wireless R/C; (3) With Sky Air Alpha series

See page 36 for technical data of the RXM, page 37 for technical data of the RZAG and page 38 for technical data of the RZASG outdoor units.



# FCAG-A

## Sky Air series with round flow cassette

Unbeatable price performance ratio with unique 360° air distribution and unsurpassed functions and options



## FCAG-A pair combinations

SkyAir Active-series

	Set unit	Indoor unit	Outdoor unit	Cooling capacity	Heating capacity	Seasonal efficiency (according to EN14825)								Set price 📈
						Cooling			Heating (Average climate)					
						Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh	
				kW	kW									RON
1-phase (230V)	SB.FCAG71_P/AZASV 📈	FCAG71A	AZAS71MV1	6,8	7,5	A+	-	5,87	-	A	-	4,00	-	7.555,-
	SB.FCAG100_P/AZASV 📈	FCAG100A	AZAS100MV1	9,5	10,8	A+	-	5,67	-	A	-	3,85	-	9.546,-
	SB.FCAG125_P/AZASV 📈	FCAG125A	AZAS125MV1	12,1	13,5	-	-	EER:3,1	-	-	-	COP:3,41	-	10.858,-
	SB.FCAG140A_P/AZASV 📈	FCAG140A	AZAS140MV1	13,4	15,5	-	-	EER:3,0	-	-	-	COP:3,3	-	12.406,-
3-phase (400V)	SB.FCAG100A_P/AZASY 📈	FCAG100A	AZAS100MY1	9,5	10,8	A+	-	5,67	-	A	-	3,85	-	9.683,-
	SB.FCAG125A_P/AZASY 📈	FCAG125A	AZAS125MY1	12,1	13,5	-	-	EER:3,1	-	-	-	COP:3,41	-	11.008,-
	SB.FCAG140A_P/AZASY 📈	FCAG140A	AZAS140MY1	13,4	15,5	-	-	EER:3,0	-	-	-	COP:3,3	-	12.570,-

⚠ Please do not forget that a decoration panel is required. Available decoration panels are listed below, marked with ▲ sign. The **Set price** above already **includes** the price of the standard decoration panel BYCQ140D. Remote controller is not included in Indoor unit price and Set price and has to be ordered separately.

## Accessories for FCAG-A units

Material name	Description	Price RON
▲ BYCQ140D	Standard decoration panel (RAL9010, grey discharge openings) - Included in above calculated Set price	1.229,-
▲ BYCQ140DGD9	Self-cleaning decoration panel - Note: must be combined with the <b>BRC1E*</b> Standard wired remote controller	2.376,-
▲ BYCQ140DWD	Full-white (RAL9010) Decoration panel (including white discharge openings)	1.386,-
BRC7FA532F	Infra-red wireless remote controller - Note: no individual flap control possible	873,-
BRC1E53*	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. <b>BRC1E53A</b> for AT; <b>BRC1E53B</b> for CZ, HR, HU, RO, SI, BG; <b>BRC1E53C</b> for SK and AL.	738,-
BRYQ140A	Presence & Floor sensors - Note: must be combined with the <b>BRC1E*</b> Standard wired remote controller	675,-
CE.KDDQ55B140	Fresh air intake kit	2.556,-
KDBHQ55B140	Sealing kit for 3-directional or 2-directional air discharge	504,-
KAFP551K160	Replacement long life filter	484,-
BRP069A81	Sky Air WLAN adaptor for WiFi App control	TBC

Note: Duty rotation and back-up functions only work with certain indoor units and only with Sky Air Alpha series outdoors.

Indoor unit		FCAG		71A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		246x840x840	
Weight	Unit		kg	21		24	
Decoration panel	Model	BYCQ140DGF9 - auto cleaning panel with fine mesh filter / BYCQ140DGD9 - auto cleaning panel / BYCQ140DWD - full white / BYCQ140D - white with grey louvers					
	Colour	Pure White (RAL 9010)					
	Dimensions	HeightxWidthxDepth	mm	130x950x950 / 130x950x950 / 50x950x950 / 50x950x950			
	Weight		kg	10,3 / 10,3 / 5,4 / 5,4			
Air filter	Type	Resin net with mold resistance					
Fan - Air flow rate	Cooling	High/Low	m³/min	15,0/9,1	22,8/12,4	26,0/12,4	
	Heating	High/Low	m³/min	15,0/9,1	22,8/12,4	26,0/12,4	
Sound power level	Cooling		dBA	49	54	58	
	Heating		dBA	49	54	58	
Sound pressure level	Cooling	High/Low	dBA	35/28	37/29	41/29	
	Heating	High/Low	dBA	33/28	37/29	41/29	
Refrigerant	Type	R-32 / R-410A					
Control systems	Infrared remote control	BRC7FA532F					
	Wired remote control	BRC1E53A / BRC1E53B / BRC1E53C					
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			

\*Note: blue cells contain preliminary data; (1) With wired R/C; (2) With wireless R/C

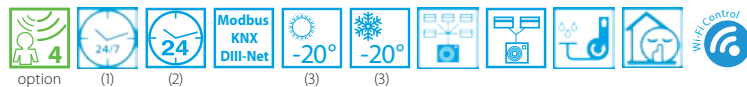
See page 39 for technical data of the AZAS outdoor units.



## FFA-A

## Sky Air series fully flat cassette

Integrates fully into a Euro-raster 600x600 ceiling - fits exactly into one tile with no over-lap and fully flush with the ceiling



## FFA-A / RXM-M9 pair combinations

Indoor unit	Outdoor unit	Cooling capacity	Heating capacity	Seasonal efficiency (according to EN14825)								Prices	
				Cooling				Heating (Average climate)				Indoor unit ▲	
				Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh	RON	
FFA25A ▲	RXM25M9	2,5	3,2	A++	-	6,17	-	A+	-	4,24	-	1.962,-	
FFA35A ▲	RXM35M9	3,4	4,2	A++	-	6,38	-	A+	-	4,1	-	2.187,-	
FFA50A ▲	RXM50M9	5	5,8	A+	-	5,98	-	A	-	3,9	-	2.214,-	
FFA60A ▲	RXM60M9	5,7	7	A+	-	5,76	-	A	-	4,04	-	2.592,-	

⚠ Please do not forget that the a decoration panel is required. Available decoration panels are listed below, marked with ▲ sign. The **Set price** above already **includes** the price of the standard decoration panel BYFQ60CW. The **Indoor unit price** above **does not include** the price of the decoration panel. Remote controller is not included in Indoor unit price and Set price and has to be ordered separately.

## Accessories for FFA-A units

Material name	Description	Price RON
▲ BYFQ60CW	Fully Flat Decoration panel - full white design - Included in above calculated Set price	1.229,-
▲ BYFQ60CS	Fully Flat Decoration panel - silver/white design	1.310,-
▲ BYFQ60B3	Legacy design Euro-raster decoration panel (outlook as previous generation unit) - Note: does not have individual flap control	1.234,-
BRC7F530W	Infra-red wireless remote controller for BYFQ60CW - Note: no individual flap control possible	878,-
BRC7F530S	Infra-red wireless remote controller for BYFQ60CS - Note: no individual flap control possible	878,-
BRC7EB530W	Infra-red wireless remote controller for BYFQ60B3	999,-
BRC1E53A	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria	738,-
BRC1E53B	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian	738,-
BRC1E53C	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian	738,-
BRYP60AW	Presence & Floor sensors for BYFQ60CW - Note: must be combined with the <b>BRC1E*</b> Standard wired remote controller	675,-
BRYP60AS	Presence & Floor sensors for BYFQ60CS - Note: must be combined with the <b>BRC1E*</b> Standard wired remote controller	675,-
BDBHQ44C60	Sealing kit for 3-directional or 2-direction air discharge for BYFQ60C-	504,-
KDBHQ44B60	Sealing kit for 3-directional or 2-directional air discharge for BYFQ60B3	504,-
KDBQ44B60	Panel spacer for reduced installation space - Only possible for use with Legacy design panel BYFQ60B3	2.342,-
KDDQ44XA60	Fresh air intake kit (connecting flange for air duct)	771,-
BRP069A81	Sky Air WLAN adaptor for WiFi App control	TBC

Note: Duty rotation and back-up functions only work with certain indoor units and only with Sky Air Alpha series outdoors.

Indoor unit				FFA	25A	35A	50A	60A
Dimensions	Unit	HeightxWidthxDepth	mm		260x575x575			
Weight	Unit		kg		16			
Decoration panel	Model				BYFQ60CW (white panel) / BYFQ60CS (grey panel) / BYFQ60B3W1 (standard panel)			
	Colour				White (N9.5) / White (N9.5) + Silver / White (RAL9010)			
	Dimensions	HeightxWidthxDepth	mm		46x620x620 / 46x620x620 55x700x700			
	Weight		kg		2.8 / 2.8 / 2.7			
Air filter	Type				Resin net with mold resistance			
Fan - Air flow rate	Cooling	High/Low	m³/min		9/6.5	10/6.5	12/7.5	14.5/9.5
	Heating	High/Low	m³/min		9/6.5	10/6.5	12/7.5	14.5/9.5
Sound power level	Cooling		dBA		48	51	56	60
	Heating		dBA		31/25	34/25	39/27	43/32
Sound pressure level	Cooling	High/Low	dBA		31/25	34/25	39/27	43/32
	Heating	High/Low	dBA		31/25	34/25	39/27	43/32
Refrigerant	Type				R-32 / R-410A			
Control systems	Infrared remote control				BRC7F530W (white panel) / BRC7F530S (grey panel) / BRC7EB530W (standard panel)			
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C			
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50 / 220-240			

\*Note: blue cells contain preliminary data; (1) With wired R/C; (2) With wireless R/C; (3) With Sky Air Alpha series

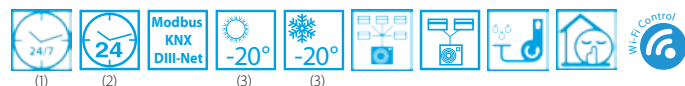
See page 36 for technical data of the RXM outdoor units.



## FBA-A

## Sky Air series duct units - standard ESP

New, uniquely thin and quiet, with inverter fan control providing the Automatic Airflow Adjustment and over 10 selectable fan curves



## FBA-A pair combinations

Indoor unit	Outdoor unit	Cooling capacity kW	Heating capacity kW	Seasonal efficiency (according to EN14825)								Prices		
				Cooling				Heating (Average climate)				Indoor unit RON	Outdoor unit RON	Set price RON
				Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh			

## Small capacity combinations

FBA35A	RXM35M9	3,4	4	A++	3,4	6,23	-	A+	2,9	4,07	-	3.330,-		
FBA50A	RXM50M9	5	5,5	A++	5	6,27	-	A+	4,4	4,06	-	3.429,-		
FBA60A	RXM60M9	5,7	7	A+	5,7	5,91	-	A+	4,6	4,01	-	3.645,-		

## Seasonal Sky Air Alpha series

SkyAir *Alpha-series*

1-phase (230V)	FBA71A	RZAG71MV1	7,1	7,5	A++	-	6,65	-	A+	-	4,31	-	3.843,-	10.080,-	13.923,-
	FBA100A	RZAG100MV1	9,5	10,8	A++	-	6,16	-	A++	-	4,78	-	4.505,-	12.641,-	17.146,-
	FBA125A	RZAG125MV1	12,0	13,5	-	-	3,38	-	-	-	3,98	-	4.829,-	13.032,-	17.861,-
	FBA140A	RZAG140MV1	13,4	15,5	-	-	3,52	-	-	-	3,60	-	5.405,-	14.596,-	20.001,-
3-phase (400V)	FBA71A	RZAG71MY1	7,1	7,5	A++	-	6,65	-	A+	-	4,31	-	3.843,-	10.383,-	14.226,-
	FBA100A	RZAG100MY1	9,5	10,8	A++	-	6,16	-	A++	-	4,78	-	4.505,-	12.779,-	17.284,-
	FBA125A	RZAG125MY1	12,0	13,5	-	-	EER:3,38	-	-	-	COP:3,98	-	4.829,-	13.559,-	18.388,-
	FBA140A	RZAG140MY1	13,4	15,5	-	-	EER:3,52	-	-	-	COP:3,60	-	5.405,-	14.932,-	20.337,-

## Sky Air Advance series combinations

SkyAir *Advance-series*

1-phase (230V)	FBA71A	RZASG71MV1	6,8	7,5	A++	-	6,19	-	A+	-	4,01	-	3.843,-	8.190,-	12.033,-
	FBA100A	RZASG100MV1	9,5	10,8	A+	-	5,83	-	A+	-	4,15	-	4.505,-	10.274,-	14.779,-
	FBA125A	RZASG125MV1	12,1	13,5	-	-	EER:3,29	-	-	-	COP:3,70	-	4.829,-	11.115,-	15.944,-
	FBA140A	RZASG140MV1	13,4	15,5	-	-	EER:3,21	-	-	-	COP:3,50	-	5.405,-	12.227,-	17.632,-
3-phase (400V)	FBA100A	RZASG100MY1	9,5	10,8	A+	-	5,83	-	A+	-	4,15	-	4.505,-	10.584,-	15.089,-
	FBA125A	RZASG125MY1	12,1	13,5	-	-	EER:3,29	-	-	-	COP:3,70	-	4.829,-	11.448,-	16.277,-
	FBA140A	RZASG140MY1	13,4	15,5	-	-	EER:3,21	-	-	-	COP:3,50	-	5.405,-	12.596,-	18.001,-

FBA-A units are duty rotation and back up compatible in case of combined with Sky Air Alpha series

## Accessories for FBA-A units

Material name	Description	Price RON
<b>BRC4C65</b>	Infra-red wireless remote controller	446,-
<b>BRC1E53*</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. <b>BRC1E53A</b> for Austria, <b>BRC1E53B</b> for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian <b>BRC1E53C</b> for Slovakian and Albanian	738,-
<b>KDAP25A36</b>	Air discharge adaptor for round duct - for units FBA35A	567,-
<b>KDAP25A56</b>	Air discharge adaptor for round duct - for units FBA50A	666,-
<b>KDAP25A71</b>	Air discharge adaptor for round duct - for units FBA60~71A	1.382,-
<b>KDAP25A140</b>	Air discharge adaptor for round duct - for units FBA100~140A	2.133,-
<b>BRP069A81</b>	Sky Air WLAN adaptor for WiFi App control	TBC

Remote controller is not included in Indoor unit price and Set price and has to be ordered separately.

Indoor unit		FBA	35A	50A	60A	71A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth	mm	245x700x800		245x1.000x800		245x1.400x800	
Weight	Unit		kg	28		35	35	46	
Air filter	Type			Resin net with mold resistance					
Fan - Air flow rate	Cooling	High/Low	m³/min	15/10,5		18/12,5		29/23	34/23,5
	Heating	High/Low	m³/min	15/10,5		18/12,5		29/23	34/23,5
Fan - External static pressure	High/Nom./Maximum available/High		Pa	150/30/-			150/40/-		150/50/-
Sound power level	Cooling		dBA	60		56		58	62
Sound pressure level	Cooling	High/Low	dBA	35/29		30/25		34/30	37/32
	Heating	High/Low	dBA	37/29		31/25		36/30	38/32
Refrigerant	Type			R-32 / R-410A					
Control systems	Infrared remote control			BRC4C65					
	Wired remote control			BRC1E53A/BRC1E53B/BRC1E53C					
Power supply	Phase / Frequency / Voltage		Hz / V	1 ~ / 50 / 220-240					

\*Note: blue cells contain preliminary data; (1) With wired R/C; (2) With wireless R/C; (3) With Sky Air Alpha series

See page 36 for technical data of the RXM outdoor units, page 37 for RZAG outdoor units and page 38 for RZASG outdoor units.



## FBA-A

## Sky Air series duct units

Unbeatable price performance ratio for light commercial applications



## FBA-A pair combinations

SkyAir Active-series

	Set unit	Indoor unit	Outdoor unit	Cooling capacity	Heating capacity	Seasonal efficiency (according to EN14825)								Set price
						Cooling				Heating (Average climate)				
				Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh	RON		
1-phase (230V)	SB.FBA71/AZAS71V	FBA71A	AZAS71MV1	6,8	7,5	A	-	5,57	-	A	-	3,81	-	7.271,-
	SB.FBA100/AZAS100V	FBA100A	AZAS100MV1	9,5	10,8	A	-	5,25	-	A	-	3,81	-	9.006,-
	SB.FBA125/AZAS125V	FBA125A	AZAS125MV1	12,1	13,5	-	-	EER:2,97	-	-	-	COP:3,41	-	9.548,-
	SB.FBA140/AZAS140V	FBA140A	AZAS140MV1	13	15,5	-	-	EER:3,01	-	-	-	COP:3,41	-	11.429,-
3-phase (400V)	SB.FBA100/AZAS100Y	FBA100A	AZAS100MY1	9,5	10,8	A	-	5,25	-	A	-	3,81	-	9.143,-
	SB.FBA125/AZAS125Y	FBA125A	AZAS125MY1	12,1	13,5	-	-	EER:2,97	-	-	-	COP:3,41	-	9.698,-
	SB.FBA140/AZAS140Y	FBA140A	AZAS140MY1	13	15,5	-	-	EER:3,01	-	-	-	COP:3,41	-	11.593,-

## Accessories for FBA-A units

Material name	Description	Price RON
<b>BRC4C65</b>	Infra-red wireless remote controller	446,-
<b>BRC1E53*</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. <b>BRC1E53A</b> for Austria, <b>BRC1E53B</b> for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian <b>BRC1E53C</b> for Slovakian and Albanian	738,-
<b>KDAP25A36</b>	Air discharge adaptor for round duct - for units FBA35A	567,-
<b>KDAP25A56</b>	Air discharge adaptor for round duct - for units FBA50A	666,-
<b>KDAP25A71</b>	Air discharge adaptor for round duct - for units FBA60~71A	1.382,-
<b>KDAP25A140</b>	Air discharge adaptor for round duct - for units FBA100~140A	2.133,-
<b>BRP069A81</b>	Sky Air WLAN adaptor for WiFi App control	TBC

Indoor unit				FBA	71A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth	mm		245x1.000x800		245x1.400x800	
Weight	Unit		kg		35		46	
Air filter	Type				Resin net with mold resistance			
Fan - Air flow rate	Cooling	High/Low	m³/min		18/12,5	29/23		34/23,5
	Heating	High/Low	m³/min		18/12,5	29/23		34/23,5
Fan - External static pressure	High/Nom./Maximum available/High		Pa		150/30/-	150/40/-		150/50/-
Sound power level	Cooling		dBA		56	58		62
Sound pressure level	Cooling	High/Low	dBA		30/25	34/30		37/32
	Heating	High/Low	dBA		31/25	36/30		38/32
Refrigerant	Type				R-32 / R-410A			
Control systems	Infrared remote control				BRC4C65			
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C			
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50 / 220-240			

\*Note: blue cells contain preliminary data; (1) With wired R/C; (2) With wireless R/C; (3) With Sky Air Alpha series

See page 39 for technical data of the AZAS outdoor units.

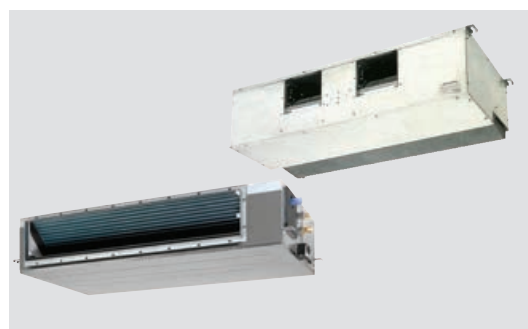
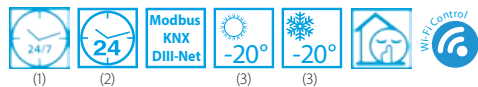


## FDA-A

## Sky Air series duct units - high ESP

Powerful units for central air processing and distribution via extensive duct systems

Available from October '17 onwards



## FDA-A pair combinations

Indoor unit	Outdoor unit	Cooling capacity kW	Heating capacity kW	Seasonal efficiency (according to EN14825)								Prices		
				Cooling				Heating (Average climate)				Indoor unit RON	Outdoor unit RON	Set price RON
				Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh			

## Sky Air Alpha series combinations

SkyAir Alpha-series

1-phase (230V)	FDA125A	RZAG125MV1	12,1	13,5	-	-	EER: 3,83	-	-	-	COP: 3,91	-	7.817,-	13.032,-	20.849,-
3-phase (400V)	FDA125A	RZAG125MY1	12,1	13,5	-	-	EER: 3,83	-	-	-	COP: 3,91	-	7.817,-	13.559,-	21.376,-

## Sky Air Advance series combinations

SkyAir Advance-series

1-phase (230V)	FDA125A	RZASG125MV1	12,1	13,5	-	-	EER: 3,21	-	-	-	COP: 3,52	-	7.817,-	11.115,-	18.932,-
3-phase (400V)	FDA125A	RZASG125MY1	12,1	13,5	-	-	EER: 3,21	-	-	-	COP: 3,52	-	7.817,-	11.448,-	19.265,-

## Accessories for FDA-A units

Material name	Description	Price RON
<b>BRC4C65</b>	Infra-red wireless remote controller - only for FDA125A	446,-
<b>BRC1E53A</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria	738,-
<b>BRC1E53B</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian	738,-
<b>BRC1E53C</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian	738,-
<b>KDAJ25K140</b>	Air discharge adaptor for round duct - only for FDA-A	2.115,-
<b>BRP069A81</b>	Sky Air WLAN adaptor for WiFi App control	TBC

Note: Duty rotation and back-up functions only works with certain indoor units and only with Sky Air Alpha series.

Indoor unit				FDA	125A
Dimensions	Unit	HeightxWidthxDepth	mm		300x1.400x700
Required ceiling void >			mm		350
Weight	Unit		kg		45
Decoration panel	Model				BYBS125DJW1
	Colour				White (10Y9/0.5)
	Dimensions	HeightxWidthxDepth	mm		55x1.500x500
	Weight		kg		6,5
Air filter	Type				Resin net with mold resistance
Fan - Air flow rate	Cooling	High/Low	m³/min		39/28
	Heating	High/Low	m³/min		39/28
Fan - External static pressure	High/Nom./Maximum available/High		Pa		200/50/-
Sound power level	Cooling		dBA		66
Sound pressure level	Cooling	High/Low	dBA		40/33
	Heating	High/Low	dBA		40/33
Refrigerant	Type				R-32 / R-410A
Control systems	Infrared remote control				BRC4C65
	Wired remote control				BRC1E53A / BRC1E53B / BRC1E53C
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50/60 / 220-240/220

\*Note: blue cells contain preliminary data; (1) With wired R/C; (2) With wireless R/C; (3) With Sky Air Alpha series

See page 37 for technical data of the RZAG outdoor units, page 38 for technical data of the RZASG outdoor units.



# FNA-A

## Concealed floor standing unit

Designed to be concealed in walls

Available from October '17 onwards



## FNA-A + RXS-M9 pair combinations

Indoor unit	Outdoor unit	Cooling capacity kW	Heating capacity kW	Seasonal efficiency (according to EN14825)								Prices	
				Cooling				Heating (Average climate)				Indoor unit	
				Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh	RON	
FNA25A	RXM25M9	2,6	3,2	A+	2,6	5,68	-	A+	2,8	4,24	-	2.763,-	
FNA35A	RXM35M9	3,4	4	A+	3,4	5,7	-	A+	2,9	4,05	-	3.416,-	
FNA50A	RXM50M9	5	5,8	A+	5	5,77	-	A+	4	4,09	-	3.983,-	
FNA60A	RXM60M9	6	7	A	6	5,56	-	A+	4,6	4,16	-	4.392,-	

Remote controller is not included in Indoor unit price and Set price and has to be ordered separately.

## Accessories for FNA-A units

Material name	Description	Price RON
<b>BRC1E53A</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria	738,-
<b>BRC1E53B</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian	738,-
<b>BRC1E53C</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian	738,-
<b>BRC4C65</b>	Infra-red wireless remote controller	446,-
<b>BRP069A81</b>	Sky Air WLAN adaptor for WiFi App control	TBC

Note: Duty rotation and back-up functions only works with certain indoor units and only with Sky Air Alpha series outdoors.

Indoor unit				FNA	25A	35A	50A	60A
Dimensions	Unit	HeightxWidthxDepth	mm		620 / 720(2)x750x200		620 / 720(2)x1.150x200	
Weight	Unit		kg		23		30	
Air filter	Type				Resin net with mold resistance			
Fan - Air flow rate	Cooling	High/Low	m³/min		8,7/7,3		16,0/13,5	
	Heating	High/Low	m³/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				BRC1E53A / BRC1E53B / BRC1E53C			
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50/60 / 220-240/220			

\*Note: blue cells contain preliminary data; (1) With wired R/C; (2) With wireless R/C; (3) With Sky Air Alpha series

See page 36 for technical data of the RXM outdoor units.

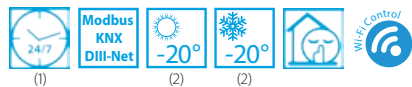


## FVA-A

## Sky Air series floor standing unit

High capacity units for applications with no false ceilings and little space available on walls

Available from September '17 onwards



## FVA-A pair combinations

Indoor unit	Outdoor unit	Cooling capacity kW	Heating capacity kW	Seasonal efficiency (according to EN14825)								Prices		
				Cooling				Heating (Average climate)				Indoor unit RON	Outdoor unit RON	Set price RON
				Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh			

## Sky Air Alpha series combinations

SkyAir Alpha-series

1-phase (230V)	FVA71A	RZAG71MV1	6,8	7,5	A++	-	6,81	-	A+	-	4,05	-	4.199,-	10.080,-	14.279,-
	FVA100A	RZAG100MV1	9,5	10,8	A+	-	5,89	-	A+	-	4,2	-	5.909,-	12.641,-	18.550,-
	FVA125A	RZAG125MV1	12,1	13,5	-	-	-	-	-	-	-	-	7.385,-	13.032,-	20.417,-
	FVA140A	RZAG140MV1	13,4	15,5	-	-	-	-	-	-	-	-	8.123,-	14.596,-	22.719,-
3-phase (400V)	FVA71A	RZAG71MY1	6,8	7,5	A++	-	6,81	-	A+	-	4,05	-	4.199,-	10.383,-	14.582,-
	FVA100A	RZAG100MY1	9,5	10,8	A+	-	5,89	-	A+	-	4,2	-	5.909,-	12.779,-	18.688,-
	FVA125A	RZAG125MY1	12,1	13,5	-	-	EER: 3,27	-	-	-	COP: 3,70	-	7.385,-	13.559,-	20.944,-
	FVA140A	RZAG140MY1	13,4	15,5	-	-	EER: 3,37	-	-	-	COP: 3,61	-	8.123,-	14.932,-	23.055,-

## Sky Air Advance series combinations

SkyAir Advance-series

1-phase (230V)	FVA71A	RZASG71MV1	6,8	7,5	A+	-	5,83	-	A	-	3,86	-	4.199,-	8.190,-	12.389,-
	FVA100A	RZASG100MV1	9,5	10,8	A+	-	5,72	-	A+	-	4,01	-	5.909,-	10.274,-	16.183,-
	FVA125A	RZASG125MV1	12,1	13,5	-	-	-	-	-	-	-	-	7.385,-	11.115,-	18.500,-
	FVA140A	RZASG140MV1	13,4	15,5	-	-	-	-	-	-	-	-	8.123,-	12.227,-	20.350,-
3-phase (400V)	FVA100A	RZASG100MY1	9,5	10,8	A+	-	5,72	-	A+	-	4,01	-	5.909,-	10.584,-	16.493,-
	FVA125A	RZASG125MY1	12,1	13,5	-	-	EER: 2,81	-	-	-	EER: 3,47	-	7.385,-	11.448,-	18.833,-
	FVA140A	RZASG140MY1	13,4	15,5	-	-	EER: 3,16	-	-	-	COP: 3,41	-	8.123,-	12.596,-	20.719,-

Remote controller is not included in Indoor unit price and Set price and has to be ordered separately.

## Accessories for FVA-A units

Material name	Description	Price RON
<b>BRC1E53A</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria	738,-
<b>BRC1E53B</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian	738,-
<b>BRC1E53C</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian	738,-
<b>BRP069A81</b>	Sky Air WLAN adaptor for WiFi App control	TBC

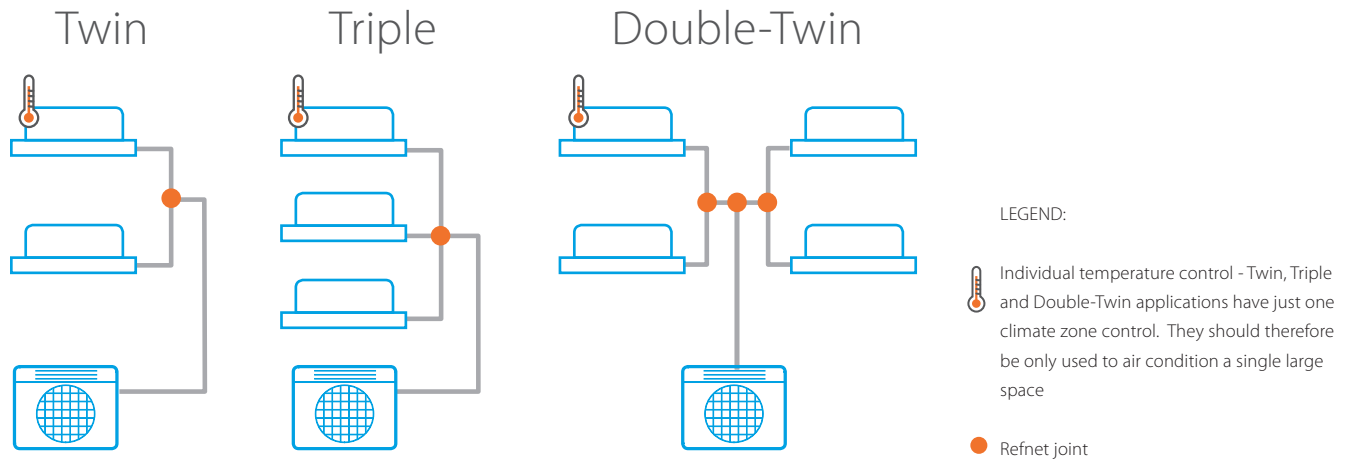
Note: Duty rotation and back-up functions only works with certain indoor units and only with Sky Air Alpha series.

Indoor unit		FVA		71A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth	mm	1.850x600x270	1.850x600x350		
Weight	Unit		kg	39	47		
Air filter	Type			Resin net with mold resistance			
Fan - Air flow rate	Cooling	High/Low	m³/min	18/14	28/22	28/24	30/26
	Heating	High/Low	m³/min	18/14	28/22	28/24	30/26
Sound power level	Cooling		dBA	55	62	63	65
	Heating		dBA	55	62	63	65
Sound pressure level	Cooling	High/Low	dBA	43/38	50/44	51/46	53/48
	Heating	High/Low	dBA	43/38	50/44	51/46	53/48
Refrigerant	Type			R-32 / R-410A			
Control systems	Wired remote control			BRC1E53A / BRC1E53B / BRC1E53C			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220			

\*Note: blue cells contain preliminary data; (1) With wired R/C; (2) With Sky Air Alpha series

See page 37 for technical data of the RZAG outdoor units and page 38 for technical data of the RZASG outdoor units.





## RZAG / RZASG

### SKY AIR SERIES SUITABLE FOR TWIN, TRIPLE AND DOUBLE-TWIN APPLICATIONS

Air conditioning single, large, diversely shaped spaces, such as gas stations, open-space offices and shops.  
For technical data, see pages 37, 38.

#### Sky Air Alpha series

Sky Air Alpha-series

Outdoor unit		RZAG		71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320	1.430x940x320	1.430x940x320	1.430x940x320	990x940x320	1.430x940x320	1.430x940x320	1.430x940x320
Weight	Unit		kg	71	93	93	93	72	93	93	93
Sound power level	Cooling		dBA	64	66	69	70	65	66	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	Min.-Max.	°CDB	-20~52							
	Heating	Min.-Max.	°CWB	-20~18							
Refrigerant	Type			R-32							
	Charge		kg	2,95	3,75	3,75	3,75	2,95	3,75	3,75	3,75
			TCO <sub>2</sub> eq	1,99	2,53	2,53	2,53	1,99	2,53	2,53	2,53
	GWP			675							
Piping connections	Piping length	OU - IU	Max.	55	85	85	85	55	85	85	85
		System	Chargeless	40							
Power supply	Phase / Frequency / Voltage		Hz / V	1~/50/220-240				3N~/50 / 380-415			
Price											

#### Sky Air Advance series

Sky Air Advance-series

Outdoor unit		RZASG		71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320	990x940x320	990x940x320	990x940x320	990x940x320	990x940x320
Weight	Unit		kg	67	73	74	81	74	74	81
Sound power level	Cooling		dBA	65	69	71	72	69	71	72
Sound pressure level	Cooling	Nom.	dBA	49	53	54	55	53	54	55
	Heating	Nom.	dBA	51	57	58	59	57	58	59
Operation range	Cooling	Min.-Max.	°CDB	-15~46						
	Heating	Min.-Max.	°CWB	-15~15,5						
Refrigerant	Type			R-32						
	Charge		kg	2,45	2,6	2,6	2,9	2,6	2,6	2,9
			TCO <sub>2</sub> eq	1,65	1,76	1,76	1,96	1,76	1,76	1,96
	GWP			675						
Piping connections	Piping length	OU - IU	Max.	50						
		System	Chargeless	30						
Power supply	Phase / Frequency / Voltage		Hz / V	1~/50/220-240				3N~/50 / 380-415		
Price										

\*Note: blue cells contain preliminary data



## Combinations for standard applications

Approximate cooling capacity:		Sky Air Alpha series				Sky Air Advance series				Indoor unit price RON (per unit)
		7 kW	10 kW	12 kW	14 kW	7 kW	10 kW	12 kW	14 kW	
Round-flow cassette & High-efficiency Round-flow cassette (BYCQ140D deco. panel)	FCAG35A	2	3	4	4	2	3	4	4	2.615,-
	FCAG50A		2	3	3		2	3	3	2.723,-
	FCAG60A			2				2		2.754,-
	FCAG71A				2				2	2.898,-
	FCAG100A									3.816,-
	FCAG125A									4.910,-
	FCAHG71G				2				2	3.164,-
Fully-Flat cassette (BYFQ60CW deco. panel)	FFA35A	2	3	4	4	2	3	4	4	2.187,-
	FFA50A		2	3	3		2	3	3	2.214,-
	FFA60A			2				2		2.592,-
Ceiling suspended units	FHA35A	2	3	4	4	2	3	4	4	3.785,-
	FHA50A		2	3	3		2	3	3	3.879,-
	FHA60A			2				2		4.325,-
	FHA71A				2				2	5.522,-
	FHA100A									6.215,-
	FHA125A									6.818,-
4-way blow ceiling suspended	FUA71A				2					7.088,-
	FUA100A									8.582,-
	FUA125A									9.486,-
Wall-mounted	FAA71A				2				2	3.186,-
	FAA100A									3.330,-
Slim duct units	FDXM35F3	2	3	4	4	2	3	4	4	1.661,-
	FDXM50F3		2	3	3		2	3	3	2.615,-
	FDXM60F3			2				2		3.380,-
Standard duct units	FBA35A	2	3	4	4	2	3	4	4	3.330,-
	FBA50A		2	3	3		2	3	3	3.429,-
	FBA60A			2				2		3.645,-
	FBA71A				2				2	3.843,-
	FBA100A									4.505,-
	FBA125A									4.829,-
High ESP duct	FDA125A									7.817,-
Concealed floor standing unit	FNA35A	2	3	4	4	2	3	4	4	3.416,-
	FNA50A		2	3	3		2	3	3	3.983,-
	FNA60A			2				2		4.392,-
Outdoor unit price (RON):	1-phase (230V)	RZAG71MV1	RZAG100MV1	RZAG125MV1	RZAG140MV1	RZASG71MV1	RZASG100MV1	RZASG125MV1	RZASG140MV1	
		10.080,-	12.641,-	13.032,-	14.596,-	8.190,-	10.274,-	11.115,-	12.227,-	
	3-phase (400V)	RZAG71MY1	RZAG100MY1	RZAG125MY1	RZAG140MY1		RZASG100MY1	RZASG125MY1	RZASG140MY1	
		10.383,-	12.779,-	13.559,-	14.932,-		10.584,-	11.448,-	12.596,-	

Notes and explanations:

**2:** Twin applications (two indoor units)

**3:** Triple applications (three indoor units)

**4:** Double-Twin applications (four indoor units)

It is possible to mix different unit types of same capacity size in one system (e.g. Twin system with FCAG35A + FFA35A)

It is not possible to mix different capacity sizes of indoor units in one system

Cassette indoor units FCAG-A, FCAHG-G and FFA-A have various decoration panels to choose from. Only the most common one is listed above. For other decoration panels, please see the Pair combination page of the respective indoor unit.

Please check on the pages of the individual indoor units if Remote controller and other accessories are included in the price of the indoor unit or need to be ordered separately.

Refnet joints for Sky Air Twin, Triple and Double-Twin applications				Quantity needed	Price per piece
Twin applications	up to 14 kW	all type of indoor combinations	KHRQ58T	1	423,-
Triple applications	up to 14 kW	all type of indoor combinations	KHRQ58H	1	594,-
Double-twin applications	up to 14 kW	all type of indoor combinations	KHRQ58T	3	423,-



# Combinations for infrastructure cooling applications

## Sky Air series FOR INFRASTRUCTURE COOLING

Cooling infrastructure applications (server rooms, telecom shelters, laboratories, etc.) is often linked to low humidity inside the air conditioned space. Low humidity reduces the ability of indoor units to transfer cooling capacity, therefore the following combinations are specially designed for such applications to regain the capacity even in dry environments.

Typical infrastructure cooling capacity:		Sky Air Alpha series				Indoor unit price (per unit)
		6,0 kW	7,5 kW	9,3 kW	10,3 kW	
Round-flow cassette (BYCQ140D deco. panel)	FCAG35A	3	4	4	4	2.615,-
	FCAG50A	2	3	3	3	2.723,-
	FCAG60A					2.754,-
	FCAG71A		2	2	2	2.898,-
	FCAG100A	P				3.816,-
	FCAG125A					4.910,-
	FCAG140A		P	P	P	5.153,-
High-efficiency Round-flow cassette BYCQ140D deco. panel)	FCAHG71G		2	2	2	3.164,-
	FCAHG140G	P				4.428,-
	FCAHG125G					5.108,-
	FCAHG140G		P	P	P	5.153,-
Fully-Flat cassette (BYFQ60CW deco. panel)	FFA35A	3	4	4	4	2.187,-
	FFA50A	2	3	3	3	2.214,-
	FFA60A					2.592,-
Ceiling suspended units	FHA35A	3	4	4	4	3.785,-
	FHA50A	2	3	3	3	3.879,-
	FHA60A					4.325,-
	FHA71A		2	2	2	5.522,-
	FHA100A	P				6.215,-
	FHA125A					6.818,-
	FHA140A		P	P	P	6.890,-
4-way blow ceiling suspended	FUA71A		2	2	2	7.088,-
	FUA100A	P				8.582,-
	FUA125A					9.486,-
Wall-mounted	FAA71A		2	2	2	3.186,-
	FAA100A	P				3.330,-
Standard duct	FBA35A	3	4	4	4	3.330,-
	FBA50A	2	3	3	3	3.429,-
	FBA60A					3.645,-
	FBA71A		2	2	2	3.843,-
	FBA100A	P				4.505,-
	FBA125A					4.829,-
	FBA140A		P	P	P	5.405,-
High ESP duct	FDA125A					7.817,-
Outdoor unit price:	1-phase (230V)	RZAG71MV1	RZAG100MV1	RZAG125MV1	RZAG140MV1	
		10.080,-	12.641,-	13.032,-	14.596,-	
	3-phase (400V)	RZAG71MY1	RZAG100MY1	RZAG125MY1	RZAG140MY1	
		10.383,-	12.779,-	13.559,-	14.932,-	

Notes and explanations:


















Cooling capacity is for -15°C outdoor temperature, 22°CDB indoor temperature, and 35% indoor relative humidity. At these conditions, the system's Sensible Heat Ratio (SHR) is 100%, which means it will not dehumidify. **P:** Pair applications (one indoor unit); **2:** Twin applications (two indoor units); **3:** Triple applications (three indoor units); **4:** Double-Twin applications (four indoor units). It is possible to mix different unit types of same capacity size in one system (e.g. Twin system with FCAG35A + FFA35A). It is not possible to mix different capacity sizes of indoor units in one system. Cassette indoor units FCAG-A, FCQHG-F and FFA-A have various decoration panels to choose from. Only the most common one is listed above. For other decoration panels, please see the Pair combination page of the respective indoor unit.

Please check on the pages of the individual indoor units if Remote controller and other accessories are included in the price of the indoor unit or need to be ordered separately.

Refnet joints for Sky Air Twin, Triple and Double-Twin applications				Quantity needed	Price per piece
Twin applications	up to 14 kW	all type of indoor combinations	KHRQ58T	1	423,-
Triple applications	up to 14 kW	all type of indoor combinations	KHRQ58H	1	594,-
Double-twin applications	up to 14 kW	all type of indoor combinations	KHRQ58T	3	423,-












# Control and Adaptor accessories for indoor units

See page 34-35 for combination table with indoor units		Price RON
CONTROL	 <b>BRC1E53A</b> for Austria <b>BRC1E53B</b> for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian <b>BRC1E53C</b> for Slovakian and Albanian New standard wired remote controller – includes multi-language full-text interface, back-light, weekly timer, integrated temperature sensor, VAM unit control, limit operation and room temperature display. Connects to P1/P2 terminals. Includes new functions for energy saving, infrastructure cooling & sound minimization.	738,-
	 <b>BRC1D52</b> Basic wired remote controller – includes weekly timer, integrated temperature sensor, VAM unit control, limit operation. Connects to P1/P2 terminals.	522,-
	 <b>BRC2E52C</b> Simplified wired remote controller with operation mode button. Includes simple, symbol-driven interface for end-users, with all advanced functionalities of the BRC1E accessible via a lockable menu. Connects to P1/P2 terminals.	653,-
	 <b>BRC3E52C</b> Simplified wired remote controller without operation mode button (Caution: operation mode (e.g. cooling / heating) can not be changed from this controller). Other features like on BRC2E52C. Connects to P1/P2 terminals.	653,-
	 <b>BRC073</b> - Optional wired remote controller for Split indoor units. Connects to S21 port.	815,-
	<b>BRCW901A03</b> - 3m cable for standard remote controller BRC073.	104,-
	<b>BRCW901A08</b> - 8m cable for standard remote controller BRC073.	162,-
	 <b>BRC4* / BRC7*</b> Infra-red wireless remote controller – compared to BRC1D52 does not have timer, temperature sensor, VAM unit control and limit operation. Receiver depends on particular model / indoor unit and connects to indoor unit PCB or to P1/P2 terminals.	Type and price depends on indoor unit type
	 <b>K.RSS</b> External wireless air temperature sensor – allows temperature measurement exactly in the location of room occupants without the need of running extra wiring. Connects instead of the standard suction temperature sensor to the indoor unit's PCB.	603,-
	 <b>KRCS01-*</b> External wired air temperature sensor – allows temperature measurement exactly in the location of room occupants. Connects instead of the standard suction temperature sensor to the indoor unit's PCB.	Type depends on indoor unit type 410,-
INDOOR UNIT CONTROL AND INTERFACE ADAPTIONS	 <b>KLIC-DI</b> KNX Adaptor for Sky Air and VRV indoor units – provides a communication interface to the KNX protocol for 1 indoor unit. Connects to P1/P2 terminals. A BRC* controller can but does not have to be connected as well. For installation outside of the indoor unit.	1.224,-
	 <b>KLIC-DD</b> KNX Adaptor for Split indoor units – provides a communication interface to the KNX protocol for 1 indoor unit. Connects to S21 terminal of the indoor unit. For installation outside of the indoor unit.	1.085,-
	 <b>RTD-10</b> Universal control adaptor – provides for external monitoring/control via 0-10kΩ resistance or 0-10VDC input signals and dry contact output signals (operation or defrost signal, error status signal), and provides a communication interface to the Modbus protocol. For 1 P1/P2 group of indoor units (up to 16 indoor units). Connects to P1/P2 terminals. A BRC* controller can but does not have to be connected as well. For installation outside of the indoor unit.	1.670,-
	 <b>RTD-HO</b> Intelligent hotel room adaptor – provides intelligent unit control based on inputs from key card and window contacts and communication interface to the Modbus protocol. For 1 P1/P2 group of indoor units (up to 16 indoor units). Connects to P1/P2 terminals. A BRC* controller can but does not have to be connected as well. For installation outside of the indoor unit.	1.670,-
	 <b>RTD-NET</b> Modbus adaptor for Sky Air and VRV units – provides a communication interface to the Modbus protocol for 1 P1/P2 group of indoor units (up to 16 indoor – control is simultaneous for entire group, monitoring is individual for every unit of the group). Connects to P1/P2 terminals. A BRC* controller can but does not have to be connected as well. For installation outside of the indoor unit.	1.256,-
	 <b>RTD-20</b> Advanced control adaptor for retail and office applications – provides advanced control and energy saving functionality for multiple shop floor and user control zones, control of VAM units based on CO <sub>2</sub> sensor input, control of Air Curtains based on outdoor air conditions, intelligent control of units installed in rooms with movable walls, etc. For installation outside of the indoor unit.	2.003,-
	 <b>RTD-RA</b> Modbus adaptor for Split indoor units – provides a communication interface to the Modbus protocol for 1 indoor unit. Connects to S21 terminal of the indoor unit. For installation outside of the indoor unit.	1.080,-
	 <b>DTA113B51</b> Rotation & Backup adaptor – provides autonomous backup and unit rotation for up to 4 VRV or Sky Air units. Connects to P1/P2 terminals and requires a BRC1* controller to be connected as well. Not combinable with any other P1/P2 device.	2.957,-
	 <b>BRP7A*</b> Wiring adaptor for window and key-card contacts to control an indoor unit or group of indoor units based on window and/or key-card status. Connects to P1/P2 terminals and requires a BRC2E52C or BRC3E52C to be connected as well. Not combinable with any other P1/P2 device.	419,-



## Control and Adaptor accessories for indoor units

INDOOR UNIT CONTROL AND INTERFACE ADAPPTIONS	See page 34-35 for combination table with indoor units		Price RON
		<b>KRP4A*</b> Wiring adaptor for external monitoring/control via dry contacts and set-point control via 0-140Ω. Connects to P1/P2 terminals and requires a BRC1/2/4/7 controller to be connected as well. Not combinable with any other P1/P2 device.	851,-
		<b>(E)KRP1B* / (E)KRP1C*</b> Wiring adaptor with 4 output signals – provides dry contacts, which can be used to activate/deactivate humidifiers, electrical heaters, fresh air fans, etc. based on the indoor unit's operation. Outputs: Compressor or Error status, Indoor unit fan status, Auxiliary heater signal, Humidifier signal. Connects to the indoor unit's PCB.	Type and price depends on indoor unit type
		<b>KRP1B*</b> Wiring adaptor with 2 output signals – provides dry contacts, which can be used to activate/deactivate humidifiers, electrical heaters, fresh air fans, etc. based on the indoor unit's operation. Outputs: Compressor or Error status, Indoor unit fan status. Connects to the indoor unit's PCB. An installation box may be necessary, depending on the indoor unit – see pages 34-35.	Type and price depends on indoor unit type
		<b>KRP413A1S</b> Adaptor PCB for simple external control of 1 Split indoor unit. Connects to S21 terminal of the indoor unit. For installation outside of the indoor unit.	1.008,-
		<b>DTA112B51</b> Centralized control adaptor for R410A Sky Air units & FDXM-F3. Provides F1/F2 terminals for connecting the indoor unit to the Daikin centralized control communication line (DIII-Net), by which the unit can be controlled from Daikin centralized controllers or BMS gateways. Connects to X60A and X61A terminals of the indoor unit. For installation inside of the indoor unit.	950,-
		<b>KRP928A2S</b> Centralized control adaptor for Split indoor units. Provides F1/F2 terminals for connecting the indoor unit to the Daikin centralized control communication line (DIII-Net), by which the unit can be controlled from Daikin centralized controllers or BMS gateways. Connects to S21 terminal of the indoor unit. For installation outside of the indoor unit.	1.364,-
		<b>S21 Adaptor</b> Optional PCB for providing the S21 connector for units that do not have it standard. The S21 connector is required for connecting most of the control accessories listed above. If necessary, is standard included inside the applicable WiFi control interface and delivered as part of the BRP069* indoor set	Type and price depends on indoor unit type
		<b>EKORORO-</b> Wiring adaptor for Remote On / Off or Forced Off. Provides the T1/T2 contacts which can be used to turn a Sky Air indoor unit On/Off remotely, or put the unit into Forced Off mode.	Type and price depends on indoor unit type
		<b>KRP*</b> Installation box / Mounting plate for adaptor PCBs for units where there is no space in the switchbox.	Type and price depends on indoor unit type

### BRC2E52C / BRC3E52C

## Simplified wired remote control developed for hotel applications



BRC2E52C

Heat recovery type

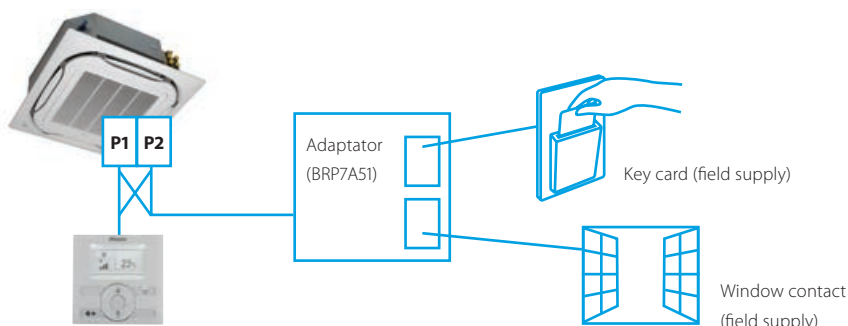
- › Symbol driven interface for intuitive control
- › Functions restricted to basic customer needs
- › Contemporary design
- › Energy saving thanks key card, window contact integration and set point limitation (BRP7A51)
- › Flexible setback function ensures room temperature remains within comfortable limits to ensure guest comfort
- › Flat backpanel for easy installation
- › Easy commissioning: intuitive interface for advanced menu settings
- › 2 versions available:
  - Heat pump type: temperature, fan speed, ON/OFF
  - Heat recovery type: temperature, mode, fan speed, ON/OFF
- › Replaces existing BRC2C51 & BRC3A61



BRC3E52C



Heat pump type

Key card and window contact integration



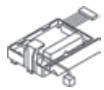



## Cloud Control

Advanced centralised controller with Cloud connection		Price RON
	<b>DCC601A51</b> Centralised touch controller with cloud connection for Split, Sky Air, VRV, ventilation, air curtains and hot water (up to 32 indoors) - offering 2 package options + optional stylish tablet	<b>3.767,-</b>
		<b>Price per package is below:</b>
	<b>Z380C</b> Optional stylish tablet for local control	<b>1.589,-</b>
<b>4G-N12</b>	Daikin supplied optional router	<b>1.449,-</b>
<b>DCC001A51</b>	Package 1: Online control - for remote monitoring and control	<b>150 RON/year</b>
<b>DCC002A51</b>	Package 2: Multi site – for remote monitoring, control and comparison of multiple sites (needed for each site)	<b>300 RON/year</b>

Note: Package 1 & 2 will be free for one year in case of purchase before October 2017. The annual charging for these packages are expected to start from October 2017 onwards.

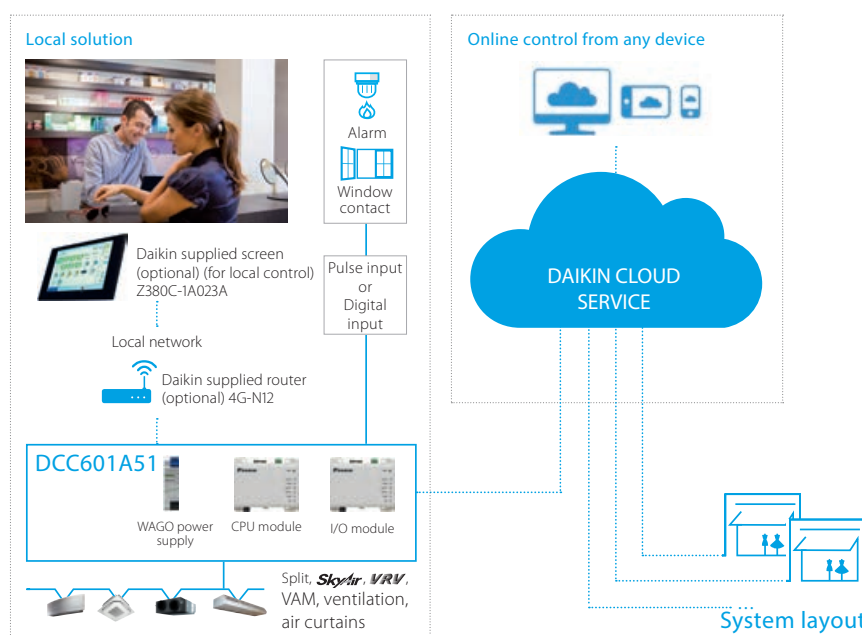
## Optional Accessories for outdoor units

Control and Adaptor accessories for outdoor units		Price RON
	<b>KRP58M51, (EKMKA1)</b> External control adaptor for all Sky Air outdoor units – allows to activate Low Noise Operation and three levels of Demand Limiting via external dry contacts. For installation in the outdoor unit - EKMKA1 mounting plate required in case of R410A model of RZQ(S) G-L9V1 units.	<b>986,-</b>
	<b>EKBPH140L</b> Optional bottom plate heater for Sky Air Alpha & Advance series outdoor units (RZAG and RZASG) - recommended when the units are used for heating and outdoor air conditions of 100% relative humidity and less than -5°C can be expected for a period of 5 days or longer.	<b>626,-</b>

## DCC601A51



































### Advanced centralised controller with Cloud connection

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














## Accessory combination table

			Price RON	
CONTROL		<b>DCC601A51</b> Centralised controller with cloud connection requires outdoor unit with F1F2 communication line	3.767,-	
		<b>BRP069A81</b> Sky Air WLAN adaptor for WiFi App control. Wifi adapter needs to be installed on the Master Sky Air indoor unit	Upon request	
		<b>BRC1E53A</b> for AT, <b>BRC1E53B</b> for CZ, HR, HU, RO, SL, BG, <b>BRC1E53C</b> for Slovakian and Albanian New Standard wired remote controller	738,-	
		<b>BRC1D52</b> Basic wired remote controller	522,-	
		<b>BRC2E52C</b> Simplified controller with operation mode button	653,-	
		<b>BRC3E52C</b> Simplified controller without operation mode button	653,-	
		<b>BRC073</b> - Basic wired remote controller for Split indoors. <b>BRCW901A03</b> - 3m cable for BRC073 <b>BRCW901A08</b> - 8m cable for BRC073	815,- 104,- 162,-	
		<b>BRC4* / BRC7*</b> Infrared wireless remote controller including receiver.	(1)	
		<b>K.RSS</b> External wireless air temperature sensor	603,-	
		<b>KRCS01-*</b> External wired air temperature sensor	KRCS01-*(2)	
INDOOR UNIT CONTROL AND INTERFACE ADAPTIONS		<b>KLIC-DI</b> KNX Adaptor for Sky Air and VRV indoor units	1.224,-	
		<b>KLIC-DD</b> KNX Adaptor for Split indoor units	1.085,-	
		<b>RTD-10</b> Universal control adaptor	1.670,-	
		<b>RTD-HO</b> Intelligent hotel room adaptor	1.670,-	
		<b>RTD-NET</b> Modbus adaptor for Sky Air and VRV units	1.256,-	
		<b>RTD-20</b> Advanced control adaptor	2.003,-	
		<b>RTD-RA</b> Modbus adaptor for Split indoor units	1.080,-	
		<b>DTA113B51</b> Rotation & Backup adaptor	2.957,-	
		<b>BRP7A*</b> Wiring adaptor for window and key-card contacts (BRC2E52C / BRC3E52C required)	419,-(2)	
		<b>KRP4A*</b> Wiring adaptor for external monitoring / control (a BRC- controller is required as well)	851,-(2)	
		<b>(E)KRP1B* / (E)KRP1C*</b> Wiring adaptor with 4 output signals	(1)	
		<b>KRP1B*</b> Wiring adaptor with 2 output signals	(1)	
		<b>KRP413A1S</b> Adaptor PCB for simple external control of 1 Split indoor unit.	1.008,-	
		<b>DTA112B51</b> Centralized control adaptor for Sky Air units & FDXM-F3	950,-	
		<b>KRP928A2S</b> Centralized control adaptor for Split units.	1.364,-	
		<b>S21 Adaptor</b> Optional PCB providing S21 connector	(1)	
		<b>EKRORO</b> Wiring adaptor for Remote On/Off or Forced Off	(1)	
		 Installation box for adaptor PCBs. Only for adaptors marked with  symbol	(1)	

\*1 Individual flap control and floor/presence sensor option control not available (not compatible with floor/presence sensor option); \*2 Model depends on chosen decoration panel (W = fully white design, S = silver/white design); For Legacy decoration panel use BRC7EB530W. \*3 Controllers BRC2E and BRC3E are not able to control flaps position.

(1) Type and price depends on indoor unit; (2) Type depends on indoor unit



									
	FAA-A	FHA-A	FUA-A	FCAG / FCAHG with standard panel	FCAG / FCAHG with auto-cleaning	FFA-A	FBA-A FDA-A	FNA-A	FVA-A
	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	with limitations *1	with limitations *1	-	with limitations *1	✓	✓	✓
	with limitations *3	with limitations *3	with limitations *3	with limitations *3	with limitations *3	with limitations *3	✓	✓	✓
	with limitations *3	with limitations *3	with limitations *3	with limitations *3	with limitations *3	with limitations *3	✓	✓	✓
	-	-	-	-	-	-	-	-	-
	BRC7EB518	BRC7G53	BRC7C58 *1	BRC7FA532F *1	-	BRC7F530W / BRC7F530S *1 *2	BRC4C65	BRC4C65	-
					-				-
	✓	✓	✓	✓	✓	✓	✓	✓	-
	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-4	KRCS01-1	-
	✓	✓	✓	✓	✓	✓	✓	✓	✓
	-	-	-	-	-	-	-	-	-
	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓
	-	-	-	-	-	-	-	-	-
	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BRP7A51	BRP7A52	BRP7A53	BRP7A53	-	BRP7A53	BRP7A51	BRP7A54	BRP7A52
	KRP4A51	KRP4A52	KRP4A53	KRP4A53	-	KRP4A53	KRP4A51	KRP4A54	KRP4A52
	-	-	-	EKRP1C11	-	-	EKRP1B2	-	-
	-	-	-	-	-	-	-	-	-
	-	KRP1B54	-	KRP1B57	-	KRP1B57	-	KRP1B56	KRP1B57
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	standard	standard	standard	standard	standard	standard	standard	✓	standard
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	standard	EKRORO4	EKRORO5	EKRORO2	EKRORO2	EKRORO2	EKRORO3	standard	-
	-	-	-	-	-	-	-	-	-
	KRP4A93	KRP1D93A	KRP1B97	KRP1H98	-	KRP1BA101	KRP4A96	KRP1BA101	KRP4AA95
					-				



# RXM-M9

## Split series outdoor units

R32 Outdoor units for the small-capacity Sky Air indoor units.



Outdoor unit				RXM	25M9	35M9	50M9	60M9
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		-	
Weight	Unit			kg	32		44	
Sound power level	Cooling			dBA	59	61	63	
	Heating			dBA	59	61	62	63
Sound pressure level	Cooling	High/Low		dBA	46/-	49/-	48/44	
	Heating	High/Low		dBA	47/-	49/-	49/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~-46			
	Heating	Ambient	Min.~Max.	°CWB	-15~-18			
Refrigerant	Type				R-32			
	Charge			kg	0.76		1.4	1.45
				TCO <sub>2</sub> eq	0.5		0.9	1.0
		GWP				675		
Piping connections	Liquid	OD		mm	6,35			
	Gas	OD		mm	9.5			
	Piping length	OU - IU	Max.	m	30		30	
		System	Chargeless	m	10			
	Additional refrigerant charge				kg/m	0,02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m	20		20	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			
Current - 50Hz	Maximum fuse amps (MFA) <sup>(1)</sup>			A	10		15	

\*Note: blue cells contain preliminary data

(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.



## RZAG-M

## Sky Air Alpha series outdoor units

## Industry leading technology for commercial applications and technical rooms

- › Top efficiency:
- energy labels up to A++ in both cooling and heating
- compressor offers substantial improvements in efficiency
- › The perfect balance in efficiency and comfort due to Variable Refrigerant Temperature: top seasonal efficiency throughout most of the year and quick reaction speed on the hot days.



- › For high sensible infrastructure cooling applications
- › Replace existing systems without having to replace the piping




- › Extended operation range down to -20°C in heating and cooling
- › With a gas cooled PCB, reliable cooling is guaranteed, as it is not influenced by ambient temperature
- › Maximum piping length up to 85m

## Comfort cooling combination table

		FCAHG-G				FCAG-A				FFA-A				FDA-A				FDXM-F3				FBA-A				FHA-A				FAA-A				FUA-A				FNA-A				FVA-A					
capacity class		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	35	50	60	71	100	125	140							
RZAG71MV1	RZAG71MY1				2				P				2							2							2			P							2			P							
RZAG100MV1	RZAG100MY1		P			3	2			P			3	2						3	2					P		3	2							P				3	2			P			
RZAG125MV1	RZAG125MY1			P		4	3	2			P		4	3	2	P				4	3	2	P				4	3	2						P				4	3	2				P		
RZAG140MV1	RZAG140MY1	2			P	4	3		2			P	4	3		4	3		2	4	3		2			P	4	3		2			P	2			2			4	3		2				

P = application ; 2/3/4 = twin/triple/double twin application

## Infrastructure cooling combination table

		FAA-A				FHA-A				FBA-A				FDXM-F3				FUA-A				FVA-A				FFA-A				FCAHG-G				FCAG-A										
capacity class		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						
RZAG71MV1	RZAG71MY1		P	3	2			P			3	2			P			3	2					P		3	2					P			3	2				P				
RZAG100MV1	RZAG100MY1	2		4	3		2			P	4	3		2			P	4	3		2					P	4	3		2			P	4	3		2			P	4	3		2
RZAG125MV1	RZAG125MY1	2		4	3		2			P	4	3		2			P	4	3		2					P	4	3		2			P	4	3		2			P	4	3		2
RZAG140MV1	RZAG140MY1	2		4	3		2			P	4	3		2			P	4	3		2					P	4	3		2			P	4	3		2			P	4	3		2

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 our [my.daikin.eu](http://my.daikin.eu)



RZAG-MV1



RZAG-MY1

Outdoor unit		RZAG		71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320	1.430x940x320	1.430x940x320	1.430x940x320	990x940x320	1.430x940x320	1.430x940x320	1.430x940x320
Weight	Unit		kg	71	93	93	93	72	93	93	93
Sound power level	Cooling		dBA	64	66	69	70	65	66	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	Min.-Max.	°CDB	-20~52							
	Heating	Min.-Max.	°CWB	-20~18							
Refrigerant	Type			R-32							
	Charge		kg	2,95	3,75	3,75	3,75	2,95	3,75	3,75	3,75
	GWP		TCO <sub>2</sub> eq	1,99	2,53	2,53	2,53	1,99	2,53	2,53	2,53
Piping connections	Piping length	OU - IU	Max.	55	85	85	85	55	85	85	85
		System	Chargeless	40							
Power supply	Phase / Frequency / Voltage		Hz / V	1~/50/220-240				3N~/50 / 380-415			

\*Note: blue cells contain preliminary data



## RZASG-M

## Sky Air Advance series outdoor units

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 outdoor units
- › Replace existing systems without having to replace the piping



- › Guarantees operation in both heating and cooling mode down to -15°C
- › With a gas cooled PCB, reliable cooling is guaranteed, as it is not influenced by ambient temperature
- › Maximum piping length up to 50m.



RZASG100-140MV1/MY1

## Pair, twin, triple and double twin application

		FCAG-A							FFA-A			FDXM-F3			FBA-A						
capacity class		35	50	60	71	100	125	140	35	50	60	35	50	60	35	50	60	71	100	125	140
RZASG71MV1		2			P				2			2			2			P			
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

		FDA-A	FHA-A						FUA-A			FAA-A		FVA-A				FNA-A			
capacity class		125	35	50	60	71	100	125	140	100	125	140	71	100	71	100	125	140	35	50	60
RZASG71MV1			2			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			P	2		2			P	4	3	



RZASG-MV1



RZASG-MY1

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

Outdoor unit			RZASG	71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320	990x940x320	990x940x320	990x940x320	990x940x320	990x940x320
Weight	Unit		kg	67	73	74	81	74	74	81
Sound power level	Cooling		dBA	65	69	71	72	69	71	72
Sound pressure level	Cooling	Nom.	dBA	49	53	54	55	53	54	55
	Heating	Nom.	dBA	51	57	58	59	57	58	59
Operation range	Cooling	Min.-Max.	°CDB	-15~46						
	Heating	Min.-Max.	°CWB	-15~-15,5						
Refrigerant	Type			R-32						
	Charge		kg	2,45	2,6	2,6	2,9	2,6	2,6	2,9
			TCO <sub>2</sub> eq	1,65	1,76	1,76	1,96	1,76	1,76	1,96
			GWP	675						
Piping connections	Piping length	OU - IU	Max.	50						
		System	Chargeless	30						
Power supply	Phase / Frequency / Voltage		Hz / V	1~/50/220-240					3N~/50 / 380-415	

\*Note: blue cells contain preliminary data



## AZAS-M

## Siesta Sky Air series outdoor units

## Ideal solution for small shops

- › High efficiency:
  - Energy labels up to A+ (cooling) / A (heating)
  - compressor offers substantial efficiency improvements
- › Very compact and easy to install outdoor units
- › Replace existing systems without having to replace the piping



- › Guarantees operation in both heating mode down to -15°C and in cooling mode down to -5°C
- › With a gas cooled PCB, reliable cooling is guaranteed, as it is not influenced by ambient temperature
- › Maximum piping length up to 30m
- › Exclusively offered in pair applications



AZAS71MV1/MY1

## Pair application

Capacity class	FCAG-A				FBA-A				FAA-A			
	71	100	125	140	71	100	125	140	71	100	125	140
AZAS-MV1	P	P	P	P	P	P	P	P	P	P		
AZAS-MY1		P	P	P		P	P	P		P		

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



AZAS-MV1



AZAS-MY1

Outdoor unit		AZAS		71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320	990x940x320	990x940x320	990x940x320	990x940x320	990x940x320
Weight	Unit		kg	67	73	74	81	74	74	81
Sound power level	Cooling		dBA	65	70	71	72	70	71	72
Sound pressure level	Cooling	Nom.	dBA	49	53	54	55	53	54	55
	Heating	Nom.	dBA	51	57	58	59	57	58	59
Operation range	Cooling	Min.~Max.	°CDB	-5~46						
	Heating	Min.~Max..	°CWB	-15~-15,5						
Refrigerant	Type			R-32						
	Charge		kg	2,45	2,6	2,6	2,9	2,6	2,6	2,9
			TCO <sub>2</sub> eq	1,65	1,76	1,76	1,96	1,76	1,76	1,96
	GWP			675						
Piping connections	Piping length	OU - IU	Max.	30						
		System	Chargeless	30						
Power supply	Phase / Frequency / Voltage		Hz / V	1~/50/220-240				3N~/50 / 380-415		

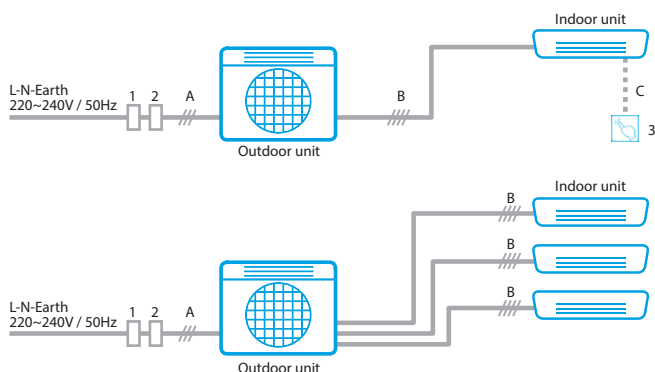
\*Note: blue cells contain preliminary data



## Electrical wiring guidelines

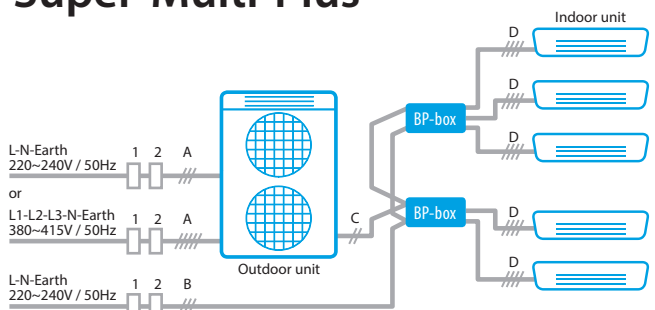
All electrical power wiring must be selected and done by a qualified electrician and must comply to local and national regulations. The below information serves only as informative guidelines.

### Split & Multi Split



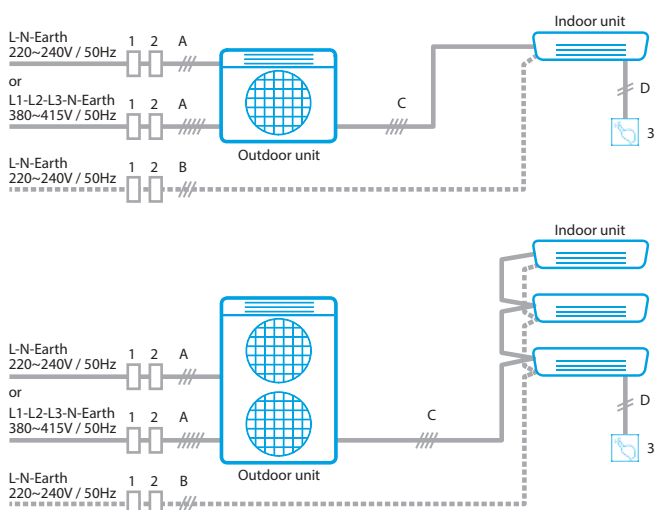
Item	Item description	Item details
1	Earth leakage breaker	<ul style="list-style-type: none"><li>High-speed type (30mA &lt;0,1s)</li><li>Must be able to handle higher harmonics</li><li>Must not interrupt the Earth wire!</li></ul>
2	Circuit breaker	<ul style="list-style-type: none"><li>Breaker capacity must not exceed MFA value of selected combination</li><li>Must not interrupt the Earth wire!</li></ul>
3	Optional control accessory	<ul style="list-style-type: none"><li>e.g. Online Controller, wired remote controller, etc.</li></ul>
A	Main power supply line	<ul style="list-style-type: none"><li>H05RN type, 3-core including earth wire</li><li>Wire size must be selected according to local and national regulations based on the MCA value of selected combination (at least 2,5 mm<sup>2</sup>)</li></ul>
B	Inter-unit wiring "1-2-3-Earth"	<ul style="list-style-type: none"><li>H05RN type, 4-core including earth wire</li><li>1,5 mm<sup>2</sup>, 2,5 mm<sup>2</sup> if length exceeds 10 m</li></ul>
C	Control accessory cable	<ul style="list-style-type: none"><li>Supplied with control accessory</li></ul>

### Super-Multi-Plus



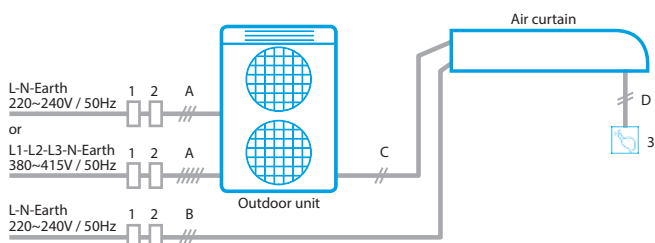
Item	Item description	Item details
1	Earth leakage breaker	<ul style="list-style-type: none"><li>see above</li></ul>
2	Circuit breaker	<ul style="list-style-type: none"><li>see above</li></ul>
A	Main power supply line	<ul style="list-style-type: none"><li>H05VV type if in protective piping, H07RN if unprotected</li><li>1-phase: 3-core including earth wire</li><li>3-phase: 5-core including earth wire</li><li>Wire size must be selected according to local and national regulations based on the MCA value of selected combination</li><li>NOTE: 3-phase units are Class A EMC products - In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.</li></ul>
B	BP Box power supply line	<ul style="list-style-type: none"><li>H05VV type if in protective piping, H07RN if unprotected</li><li>3-core including earth wire</li><li>1,5 mm<sup>2</sup>, 2,5 mm<sup>2</sup> if length exceeds 10 m</li></ul>
C	OU-BP wiring "F1-F2 line"	<ul style="list-style-type: none"><li>Low voltage (16VDC) wiring</li><li>H05VV type, 2-core</li><li>0,75 to 1,25 mm<sup>2</sup></li></ul>
D	BP-IU wiring "1-2-3-Earth"	<ul style="list-style-type: none"><li>H05RN type, 4-core including earth wire</li><li>1,5 mm<sup>2</sup>, 2,5 mm<sup>2</sup> if length exceeds 10 m</li></ul>

### Sky Air Pair, Twin, Tripple and Double-Twin



Item	Item description	Item details
1	Earth leakage breaker	<ul style="list-style-type: none"><li>see above</li></ul>
2	Circuit breaker	<ul style="list-style-type: none"><li>see above</li></ul>
3	Control accessory	<ul style="list-style-type: none"><li>e.g. wired remote controller (BRCIE53A for Austria BRCIE53B for Czech, Croatia, Hungarian, Romanian, Slovenian Bulgarian, BRCIE53C for Slovakian and Albanian), control adaptor, etc.</li></ul>
A	Main power supply line	<ul style="list-style-type: none"><li>H05VV-U type if in protective piping, H07RN-U if unprotected</li><li>1-phase: 3-core including earth wire</li><li>3-phase: 5-core including earth wire</li><li>Wire size must be selected according to local and national regulations based on the MCA value of selected combination</li></ul>
B	Auxiliary indoor power supply line	<ul style="list-style-type: none"><li>Necessary or recommended in case of high-power indoor units, such as FBQ and FDQ ducted indoor units</li><li>H05VV-U type if in protective piping, H07RN if unprotected</li><li>3-core including earth wire</li><li>Wire size must be selected according to local and national regulations based on the MCA value of indoor unit (at least 2,5 mm<sup>2</sup>)</li></ul>
C	Inter-unit wiring "1-2-3-Earth"	<ul style="list-style-type: none"><li>H05VV-U4G2,5</li><li>(4-core including earth wire, 2,5 mm<sup>2</sup>)</li></ul>
D	Local control wiring "P1-P2 line"	<ul style="list-style-type: none"><li>Low voltage (16VDC) wiring</li><li>H05VV type, 2-core</li><li>0,75 to 1,25 mm<sup>2</sup></li></ul>

### ERQ & Air Curtain



Item	Item description	Item details
1, 2, 3, A		<ul style="list-style-type: none"><li>see above Sky Air table</li></ul>
B	Indoor power supply line	<ul style="list-style-type: none"><li>H05VV-U type if in protective piping, H07RN if unprotected</li><li>3-core including earth wire</li><li>Wire size must be selected according to local and national regulations based on the MCA value of indoor unit (at least 2,5 mm<sup>2</sup>)</li></ul>
C	Inter-unit wiring "F1-F2 line"	<ul style="list-style-type: none"><li>Low voltage (16VDC) wiring</li><li>H05VV type, 2-core</li><li>0,75 to 1,25 mm<sup>2</sup></li></ul>
D	Local control wiring "P1-P2 line"	<ul style="list-style-type: none"><li>Low voltage (16VDC) wiring</li><li>H05VV type, 2-core</li><li>0,75 to 1,25 mm<sup>2</sup></li></ul>





## Daikin Services

Saving energy doesn't stop with the purchase or installation of energy-efficient equipment; it has to be kept running under optimum conditions.

Good maintenance and servicing are key elements in ensuring the maximum performance.

**Are you sure the filters are clean and none of the components are defective?**  
**Are all of your settings correct?**

Any of these things may lead to a reduced level of comfort. And while you may not notice the difference right away, you will certainly notice it at the end of the year – when you pay your energy bill.

Our Daikin design team is constantly striving to improve the energy efficiency of our systems.

We at Daikin Service are here to support you in keeping your units up and running efficiently by means of optimised commissioning and start-up, regular and preventative maintenance, remote monitoring, improving the performance of units, and providing cost effective upgrades to benefit from the efficiency gains from our latest state of the art technology.

### Optimisation and upgrades



Intelligent remote monitoring



Upgrading / optimisation

### Keep the installation in top condition



Maintenance plan

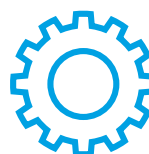


Installation support



Commissioning

### Parts and repairs



Spare parts



Repair service



## Commissioning

To guarantee your Daikin unit efficiency and long term performance, Daikin offers the **professional start-up of your Daikin system** by highly qualified, OEM educated engineers as part of the commissioning services.

Commissioning through an authorized Partner or by Daikin itself assures you that your unit is working as it should and is delivering all the benefits of a unique climate.

Every commissioning is documented as per Daikin standard and a detailed commissioning report is provided, detailing all activities done and recording the functioning of the units.



The prices listed are based on completion of the Pre-Commissioning checklist which covers a range of core activities including the general conditions at the site, provision of power and the required electrical distribution as well as installation related topics. This ensures that the service can be provided efficiently, on time and giving the best results. For the latest edition of the Pre-Commissioning checklist please visit: [www.daikin-ce.com](http://www.daikin-ce.com)

Description	Material Number	Price RON
Commissioning Split - w/o pipe connection	CE.S_COM_SPMON	720,-
Commissioning Split - with pipe connection	CE.S_COM_SPMON	945,-
Commissioning Multisplit up to 3 I/U	CE.S_COM_SPMUL3	945,-
Commissioning Multisplit up to 5 I/U	CE.S_COM_SPMUL5	1.440,-
Optional accessories (PCB...)*	CE.S_COM_ACC	450,-
<b>Additional Services &amp; Materials</b>		
On Request		On Request
<b>Labour rates</b>		
Labour hour service engineer	CE.S_LA_HOUR	240,-
Labour hour service engineer +50%	CE.S_LA_HOUR50	360,-
Labour hour service engineer +100%	CE.S_LA_HOUR100	480,-
Labour hour service foreman	CE.S_LA_FOR	360,-
Labour hour project design	CE.S_LA_PRO	360,-
Normal working hours without surcharge	MON – THU: 08:00-17:00, FRI: 08:00-12:00	
50% surcharge	MON – FRI: 07:00-08:00 and 17:00-20:00,SAT: 07:00-20:00	
100% surcharge	Before 07:00 and after 20:00 and on Sundays and holidays	
<b>Travel Costs (not including parking, highway tolls etc )</b>		
Cost allowance per km	CE.S_TR_KM_AL	1,55-
Flat travel fee per case	CE.S_TR_CASE	on request
Special travel cost (plane, ferry...)	CE.S_TR_SPEC	on request
Travel zone 1	CE.S_TR_Z1	-
Travel zone 2	CE.S_TR_Z2	-
Travel zone 3	CE.S_TR_Z3	-
Travel zone 4	CE.S_TR_Z4	On request
Hourly rate for car travel	CE.S_TR_HOUR	50,-
<b>Cancellation</b>		
Failed travel (customer fault)	CE.S_COM_FAILTRAV	50% of planned activity
<b>Training</b>		
Full day Training per person per day (minimum 5 participants)	CE.S_LA_TRA	1.200,-

### NOTE:

The listed prices are subject to change and might change without prior notification.

Note that the prices are to be understood as NET prices without VAT and travel.

The listed prices are based on order confirmation minimum 10 days before commencement of work.



## Maintenance

Maintenance is the key element to ensure the quality, efficiency and flawless operation of any asset.

Our Care agreements are based on years of experience to ensure you reap the full benefits of having Daikin Certified engineers maintain your equipment.

- Be prepared for the hot season
- Lower energy bill & CO2 emissions
- Reduce the impact of virus, bacteria and pollen through clean filters
- Ensure silent operation

Regular maintenance of a unit or system ensures that electricity costs and performance are not jeopardized,

and that the safety features and system integrity are in line with the latest standards and regulations.

**Regular care** safeguards your investment for the full lifetime of the Daikin System. Downtime and failures are avoided, while keeping operating costs low, as they should be throughout the entire system lifecycle.

**Preventive maintenance** plans give you cost transparency avoiding unexpected repair costs or degradation of comfort, quality or production loss.

Regular Care ensures that your unit is not consuming more electricity than it should through a thorough chemical cleaning of the heat exchangers,



that the filters are clean to remove unwanted allergens, viruses and bacteria.

Our Care packages also include a comprehensive test of the unit using special Daikin developed diagnostic software to check for leaks and trouble spots.

Daikin Cares contains 3 different levels of maintenance agreements catering to your every need. In addition to these 3 Care packages Daikin offers a comprehensive set of options you can choose from.

### 1. Care:

**Care is the minimal requirement to fulfil current legislation requirements, and makes sure your unit is operating in a correct fashion and according to parameters.**

The Care package includes the following services:

- Inspections based on predefined activities
- Soft- and firmware upgrades as needed and if required
- Validated Log book

### 2. Preventive Care:

**Preventive Care keeps the Split/Sky Air unit in optimal condition for the long run.**

In addition to the maintenance activities included in the Care package, Preventive Care includes:

- Service based on predefined activities
- Cleaning of the heat exchangers
- On-site system diagnostic and/or analysis during service intervention
- Comprehensive, predictive status & measurement report
- Recorded, retrievable service history of each unit
- Emergency support & callout
- Access to technical assistance and repair service

### 3. Extended Care:

**Extended Care provides maximum equipment availability at the minimum Total Cost of Ownership.**

In addition to the activities mentioned in the Preventive care package, Extended Care includes:

- Labor- & travel cost, spare parts for planned maintenances are included
- Labor- & travel cost, spare parts for repairs are included
- Refrigerant is included
- Extension of warranty

#### Options:

Energy audit & report  
Specialist support and consultancy  
Predictive maintenance

Description	Care	Preventive Care	Extended Care
Maintenance Monosplit & Sky Air Pair	On request	On request	On request
Maintenance Multisplit and Sky Air up to 3 I/U	On request	On request	On request
Maintenance Multisplit and Sky Air up to 5 I/U	On request	On request	On request

### Options

Description	Per Hour			
Specialist support and consultancy	On request			
	Monday-Friday 17-22h		Weekend, Holiday, Nights	
Emergency support	On request		On request	
	Call out Time 24h	Call out Time 16h	Call out Time 8h	Call out Time 4h
Call out Time (48h included in PR. and EX. CARE)	On request	On request	On request	On request

#### NOTE:

The listed prices are subject to change and might change without prior notification.

Note that the prices are to be understood as NET prices without VAT and travel.

The listed prices are based on order confirmation minimum 10 days before commencement of work.



## Service

### E-Parts

Find the correct spare part for your Daikin unit, check availability (real-time) and order online.

All in just a few simple steps.

#### Your benefits:

- › fast handling
- › free shipment
- › 24/7 accessibility
- › flexible delivery
- › "real time" availability



#### Register now to use the E-Parts service

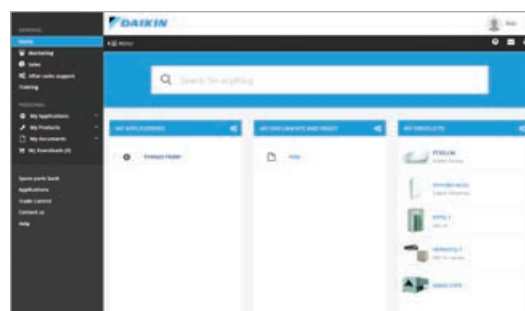
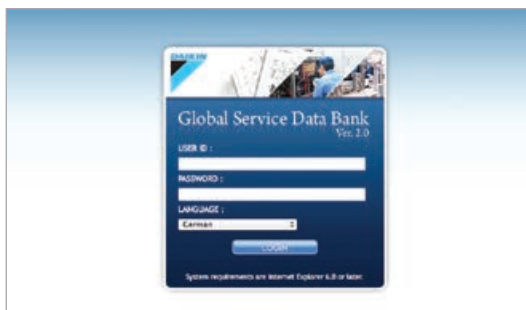
- Create access for you and your colleagues.
- Simply go to [my.daikin.eu](http://my.daikin.eu)
  - download the registration form
  - fill it in
  - and email it back to your local Daikin office

#### Always accessible for you

You can login directly or visit the E-Parts via the Business Portal:

<http://eparts.daikin-ce.com>

<https://my.daikin.eu>



In our Business Portal you can find the links to E-Parts and to the spareparts bank.



## Used abbreviations

A.E.C. - Annual Energy Consumption

Nominal EER - cooling energy efficiency ratio at 35°CDB outdoor temperature, 27°CDB indoor temperature, nominal capacity

Nominal COP - heating coefficient of performance at 7°CDB outdoor temperature, 20°CDB indoor temperature, nominal capacity

Maximum Fuse Amps (MFA) - The capacity of the circuit breaker or fuse securing the unit must not exceed this value

Minimum Circuit Amps (MCA) - The power supply wiring for the unit must be dimensioned (cross-section) for at least this value according to local and national legislation

All information regarding DACE Returns, Logistic Services and POD Guideline can be found and downloaded from the Daikin Extranet (<http://extranet.daikineurope.com>) - see Chapter "Document Library" / Document Type "Logistics".

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## Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.





**Introducing the new Sky Air A-series with ultra-efficient Bluevolution R32 technology, available in three models: the world-class Alpha, Advance and Active.**

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