

Low height large Sky Air Advance-series

RZA-D / FDA-A



BLUEEVOLUTION

R-32

INVERTER



Large Sky Air system for commercial applications in the most compact casing ever



Replacement technology



Pair, twin, triple, double twin application

- › Unique, low-height single fan portfolio
- › 20 and 25 kW capacity
- › High efficiency: SEER up to 6.25
- › Lower environmental impact thanks to R-32 refrigerant
- › Guaranteed operation in both cooling and heating down to -20 °C
- › Reliable in operation thanks to refrigerant cooled PCB
- › Very long piping lengths up to 100 m
- › Market-leading serviceability and handling
 - Easy access to all components
 - 7-segment display

Achieving the lowest Environmental impact



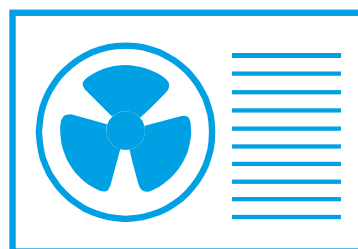
Unique, low-height single fan range



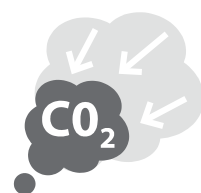
Europe's first light commercial system using R-32 refrigerant

- › R-32 Global Warming Potential (GWP) is 68% lower than the industry standard R-410A
- › High efficiency (**SEER up to 6.25**)
- › Does not require yearly refrigerant containment checks, which reduces maintenance costs
- › 16% less refrigerant charge

R-32



BLUEVOLUTION





App Control

- › Control your device at anytime from anywhere
- › Intuitive
- › Via smartphone, tablet or cloud

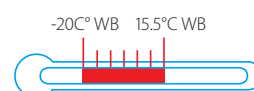
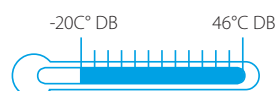


Very long piping length up to 100m



Wide operation range

- › Cooling operation from -20°C to $+46^{\circ}\text{C}$
- › Heating operation down to -20°C



Full indoor unit line up available in R-32

- › Over 45 different indoor unit models



The New *SkyAir* *Advance-series*

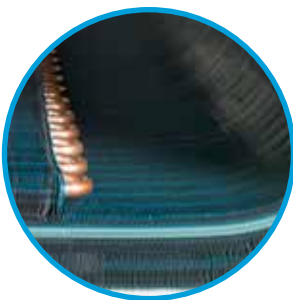


Newly positioned handle
for easier handling



New and bigger fan design

- › Ensures high air volume with low air velocity
- › Reduces sound emissions



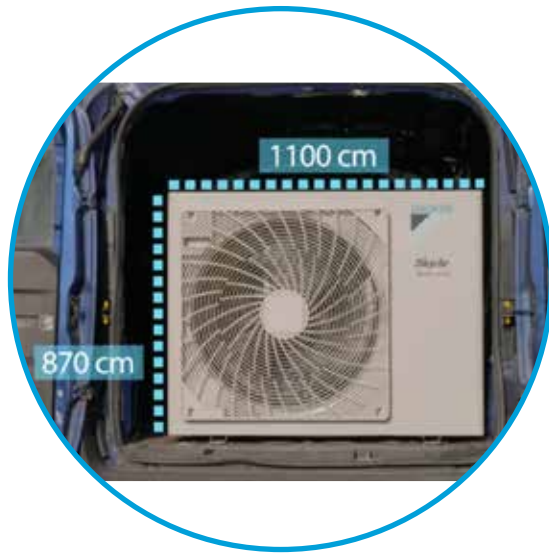
3-row heat exchanger

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



Compact dimensions

- › Easy to transport thanks to compact, single-fan design



Refrigerant cooled PCB

Market-leading serviceability and handling



Swing compressor optimised for seasonal efficiency



Sky Air Advance-series

Large Sky Air system for commercial applications
in the most compact casing ever

- › Compact (870mm high) and lightweight single fan design makes the unit unobtrusive, saves space and is easy to install
- › Marketing-leading serviceability and handling thanks to wide access area, 7-segment display and additional handle
- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A, leads directly to lower energy consumption thanks to its high energy efficiency and has a lower refrigerant charge
- › Replace existing systems with R-32 technology without needing to replace the piping 
- › Guarantees operation in heating mode down to -20°C
- › Refrigerant cooled PCB guarantees reliable cooling, as it is not influenced by ambient temperature
- › Maximum piping length up to 100m
- › Maximum installation height difference up to 30m
- › Outdoor units for pair, twin, triple, double twin application



RZA-D

Comfort cooling combination table

																				NEW														
	FCAG-B					FFA-A9		FDXM-F9		FBA-A(9)					FHA-A(9)					FDA-A			FUA-A			FAA-A		FNA-A9						
capacity class	50	60	71	100	125	50	60	50	60	50	60	71	100	125	50	60	71	100	125	125	200	250	71	100	125	71	100	50	60					
RZA200A	4	3	3	2		4	3	4	3	4	3	3	2		4	3	3	2			P		3	2		3	2	4	3					
RZA250A		4			2		4		4		4			4		2			2	2		P			2				4					

Specifications RZA-D

Outdoor unit					RZA200D		RZA250D	
Dimensions	Unit	HeightxWidthxDepth		mm	870x1,100x460			
Weight	Unit			kg	120			
Sound power level	Cooling			dBA	73			76
	Heating			dBA	76			79
Sound pressure level	Cooling	Nom.		dBA	53			57
	Heating	Nom.		dBA	60			63
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~46			
	Heating	Ambient	Min.~Max.	°CWB	-20~15			
Refrigerant	Type/GWP				R-32/675			
	Charge kg/TCO ₂ Eq				5.0/3.38			
Piping connections	Liquid/Gas	OD			mm	9.52/22.2		
	Piping length	OU - IU	Max.	m	100			
		Chargeless		m	30			
	Additional refrigerant charge				kg/m	See installation manual		
	Level difference		IU - OU	Max.	m	30		
Power supply	Phase/Frequency/Voltage				Hz/V	3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)				A	25		

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

Concealed ceiling unit with high ESP

ESP up to 250 Pa, ideal for large sized spaces

- › High external static pressure up to 250 Pa facilitates extensive duct and grille network
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › Optional drain pump
- › Standard supplied suction filter simplifies installation
- › Up to 27.6kW in heating mode



Set				FDA200A / RZA200D	FDA250A / RZA250D
Cooling capacity	Nom.		kW	19.0	22.0
Heating capacity	Nom.		kW	22.4	24.0
Space cooling	Capacity	Pdesign	kW	19.0	22.0
	SEER			6.25	5.37
	ηs,c		%	247	211.8
	Annual energy consumption		kWh/a	1,824	2,458
Space heating (Average climate)	Capacity	Pdesign	kW	11.2	12.1
	SCOP			3.59	3.58
	ηs,h		%	140.6	140.2
	Annual energy consumption		kWh/a	4,368	4,732
Indoor unit				FDA 200A	FDA 250A
Cooling capacity	Total capacity	Nom.	kW	19	22
Heating capacity	Total capacity	Nom.	kW	22.4	24
Power input - 50Hz	Cooling	Nom.	kW	0.32	0.4
	Heating	Nom.	kW	0.32	0.4
Dimensions	Unit	HeightxWidthxDepth	mm	470x1,490x1,100	
Weight	Unit		kg	104	115
Casing	Material			Galvanised steel plate	
Fan	Air flow rate	Cooling	Low/High m³/min	36 / 64	43 / 69
		Heating	Low/High m³/min	36 / 64	43 / 69
	External static pressure		Nom./High Pa	62 / 250	
Air filter	Type			Resin net	
Sound power level	Cooling		dBA	69	71
Sound pressure level	Cooling	Low / Med. / High	dBA	36 / 39 / 43	37 / 40 / 44
	Heating	Low / Med. / High	dBA	36 / 39 / 43	37 / 40 / 44
Refrigerant	Type			R-32/R-410A	
Piping connections	Liquid	OD	mm	9.52	
	Gas	OD	mm	19.1	22.2
Power supply	Phase / Frequency / Voltage			1~ / 50/60 / 220-240/220	
Control systems	Infrared remote control			BRC4C65	
	Wired remote control			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52	

Low height High value

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

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

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

www.daikin.eu/skyairbluevolution



SkyAir
Advance-series

BLUEEVOLUTION

Daikin Europe N.V. Naamloze Vennootschap Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Publisher)



ECPEN19-148

09/19



Daikin Europe N.V. participates in the Eurovent Certified Performance programme for Liquid Chilling Packages and Hydronic Heat Pumps, Fan Coil Units and Variable Refrigerant Flow systems. Check ongoing validity of certificate: www.eurovent-certification.com



The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this publication to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V.

Printed on non-chlorinated paper.

Техника для климата

Доставляем оборудование по всей России от 3 дней транспортными компаниями. Реализуем проекты в десятках регионов — от Калининграда до Владивостока.

9600+

объектов и поставок

от 1 дня

отгрузка в транспортную компанию

Технические данные файла

Документ: Каталог Daikin FDA-A

Идентификатор библиотеки: LIB-002356

Исходный файл: daikin-fda-a-katalog.pdf

SHA-256 оригинала: 4872d704fb316ead423fcbbf70d1161a127021eb4a9b3a59ffc43f3ef3760d31

Постоянная ссылка: <https://iclim.ru/library/daikin-fda-a-katalog.pdf>

Копия сформирована: 02.10.2026 08:50 UTC