

FBA-A / RZAG-N *SkyAir Alpha-series*



Ducted Unit

Slimmest yet most powerful medium static pressure unit on the market

This ultra-slim ducted unit delivers high performance in a compact, discreet package - ideal for offices, retail spaces and any environment where healthy air and discreet energy-conscious performance are essential. It runs quietly, adapts to your layout and keeps each area perfectly comfortable, all while staying hidden behind the ceiling. With customisable airflow and multi-zone options, it's a smart solution for stylish, flexible spaces. Combine with Sky Air Alpha series for best-in-class quality and efficiency.

Slimmest in class for tight ceiling voids

With a built-in height of just 300mm, this is the slimmest unit in its class, making it ideal for renovation projects or buildings with narrow ceiling voids. It fits where others can't, without compromising on performance.

Quiet operation for undisturbed spaces

Operating as low as 25dB(A), this system is designed to run quietly in the background. It's perfect for offices, bedrooms, meeting rooms or any setting where peace and concentration matter.

Consistent airflow across every space

With external static pressure up to 150Pa, this unit supports a wide range of duct lengths and layouts. That means reliable air distribution, even in larger or more complex spaces.

Optimised airflow, tailored to your needs

Air volume and pressure settings can be easily adjusted via a wired controller, allowing fine-tuning of airflow based on room size, layout, or usage. Comfort can be personalised without needing complex adjustments.

Flexible installation, faster setup

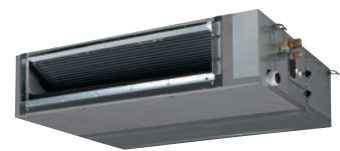
The unit offers rear or bottom air suction, with the option to connect custom suction grilles. Combined with a built-in drain pump with 625mm lift, this flexibility speeds up installation and expands where the unit can be placed.

No optional adapter needed for DIII-connection, link your unit directly into the wider building management system.

Automatic adjustment of refrigerant levels

Market-leading Variable Refrigerant Temperature (VRT) technology is built into every Sky Air Alpha system and easily activated during installation for the perfect indoor climate experience.

By reducing the difference between the refrigerant and room temperature, it delivers smoother airflow and prevents uncomfortable hot or cold draughts. The result is year-round comfort, up to 20% greater energy savings and optimum efficiency in both heating and cooling modes.



FBA-A



BRC4C65 (optional)



RZAG-N



Madoka BRC1H52W7

WI-FI ADAPTOR AVAILABLE AS AN OPTION





FBA-A / RZAG-N *SkyAir* Alpha-series

R-32 BLUEEVOLUTION

Indoor Units			Single Phase				3 Phase			
			FBA71A9	FBA100A	FBA125A	FBA140A	FBA71A9	FBA100A	FBA125A	FBA140A
Capacity	UK Total Cooling	kW	7.76	10.85	13.60	14.93	7.76	10.85	13.60	14.93
	UK Sensible Cooling	kW	5.32	7.44	9.30	10.25	5.32	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	6.8	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5
	Energy Label		A++	A++	-	-	A++	A++	-	-
Seasonal Efficiency (EN14825) COOLING	Pdesign	kW	6.8	9.5	12.1	13.4	6.8	9.5	12.1	13.4
	SEER		6.5	6.47	6.56	6.42	6.5	6.47	6.56	6.42
	ηs,c	%	-	-	259	254	-	-	259	254
	Annual Energy Consumption	kWh	366	514	1107	1252	366	514	1107	1252
	Energy Label		A+	A+	-	-	A+	A+	-	-
Seasonal Efficiency (EN14825) HEATING	Pdesign	kW	4.70	7.80	9.52	9.52	4.70	7.80	9.52	9.52
	SCOP		4.20	4.36	4.37	4.34	4.20	4.36	4.37	4.34
	ηs,h	%	-	-	172	171	-	-	172	171
	Annual Energy Consumption	kWh	1566	2505	3050	3070	1566	2505	3050	3070
	Energy Label		A+	A+	-	-	A+	A+	-	-
Air Flow Rate (Cooling)	High / Med / Low	m³/min	18.0 / 15.0 / 12.5	29.0 / 24.5 / 20.0	34.0 / 29.0 / 23.5	34.0 / 29.0 / 23.5	18.0 / 15.0 / 12.5	29.0 / 24.5 / 20.0	34.0 / 29.0 / 23.5	34.0 / 29.0 / 23.5
External Static Pressure	High / Nom	Pa	150 / 30	150 / 40	150 / 50	150 / 50	150 / 30	150 / 40	150 / 50	150 / 50
Dimensions	Height	mm	245	245	245	245	245	245	245	245
	Width	mm	1000	1400	1400	1400	1000	1400	1400	1400
	Depth	mm	800	800	800	800	800	800	800	800
	Weight	kg	35	46	46	46	35	46	46	46
Sound Pressure (Cooling)	High / Med / Low	dBA	30 / 28 / 25	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32	30 / 28 / 25	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32
Sound Pressure (Heating)	High / Med / Low	dBA	31 / 28 / 25	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32	31 / 28 / 25	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32
Sound Power (Cooling)		dBA	56	58	62	62	56	58	62	62
Outdoor Units			RZAG71NV1	RZAG100NV1	RZAG125NV1	RZAG140NV1	RZAG71NY1	RZAG100NY1	RZAG125NY1	RZAG140NY1
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	81	85	95	95	81	85	95	95
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	18.3	24.4	30.1	30.1	10.4*	13.5*	13.5*	13.5*
	Max Fuse Size	A	20	32	32	32	16	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	55	85	85	85	55	85	85	85
	Maximum Vertical Rise	m	30	30	30	30	30	30	30	30
	Precharged to	m	40	40	40	40	40	40	40	40
	Additional charge	g/m	35	35	35	35	35	35	35	35
	Holding charge	kg	3.2	3.2	3.7	3.7	3.2	3.2	3.7	3.7
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 44	47 / 45	49 / 47	50 / 48	46 / 44	47 / 45	49 / 47	50 / 48
Sound Pressure (Heating)	Nom / Night Quiet	dBA	48 / 44	50 / 45	52 / 47	52 / 48	48 / 44	50 / 45	52 / 47	52 / 48
Sound Power (Cooling)		dBA	64	66	69	70	64	66	69	70
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18
Air Flow Rate (Cooling)	Nominal	m³/min	68.0	67.0	80.0	87.0	68.0	67.0	80.0	87.0
Meets ETL criteria			●	●	●	●	●	●	●	●

Notes & Features:

- › All fan coils supplied as standard with air filter
- › New chassis with height of 245mm makes the FBA-A one of the slimmest medium static units on the market

Accessories:

Accessory Ref	Description
BRC1H52W7	Wired touch screen remote controller - White
BRC1H52S7	Wired touch screen remote controller - Silver
BRC1H52K7	Wired touch screen remote controller - Black
BRP069C81	Wi-Fi adaptor for use with Daikin ONECTA App
BRC4C65	Wireless remote controller
K.RSS	Wireless room mounted temperature sensor and receiver
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems
KRCS01-4	Remote room mounted temperature sensor
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV

Accessory Ref	Description
EKMFBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV
K.CGL	Condensing unit guard (1450 x 1150 x 650)
K.CWB140-2	Wall bracket (140kg, 540mm support arm)
K.DT1	Condensate drip tray for use with K.CWB90-2
K.FF6005	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit
UK.RC3	Return chamber - FBA60-71 - 2X200mm Spg
UK.RC3A	Return chamber - FBA60-71 - 3X200mm Spg
UK.RC4	Return chamber - FBA100-125-140- 4X200mm Spg
UK.SF3	Supply flange - FBA60-71 - 2x200 Spg
UK.SF3A	Supply flange - FBA60-71 - 3x200 Spg
UK.SF4	Supply flange - FBA100-125-140- 4x200 Spg
RS-SE	Service and configuration tool for K.RSS

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