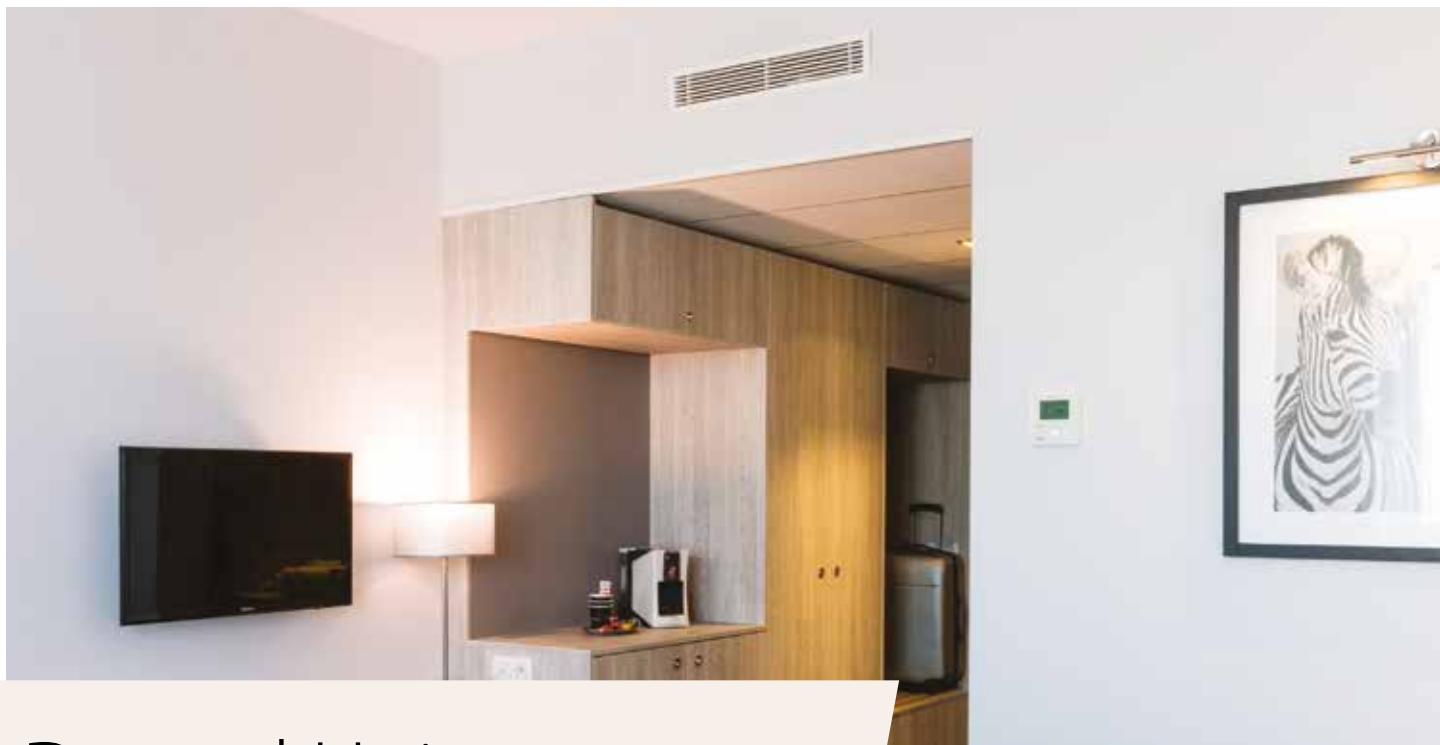# DAIKIN

FBA-A / RZASG-M *SkyAir* Advance-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 ceiling spaces with limited room. 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.

FBA-A

**BRC4C65
(optional)**   **RZASG71M**   **RZASG100-140M**

WI-FI CONTROL VIA APP

**Madoka
BRC1H52W**

**WI-FI ADAPTOR
AVAILABLE AS AN OPTION**

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.

Discreet ceiling integration
Once installed, only the suction and discharge grilles are visible, keeping your ceiling clean and uncluttered. It's an ideal solution for maintaining minimalist aesthetics in stylish interiors or professional settings.

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.

Fresh air, built in
An optional fresh air intake helps maintain healthy indoor air quality by bringing in filtered air from outside. It's a great feature for workplaces, waiting rooms, or home environments where air freshness matters.

A++ A+

Replacement Technology

FBA-A / RZASG-M **SkyAir** *Advance-series*

R-32   BLUEVOLUTION

Indoor Units

Indoor Units			Single Phase				3 Phase		
			FBA71A9	FBA100A	FBA125A	FBA140A	FBA100A	FBA125A	FBA140A
Capacity	UK Total Cooling	kW	7.28	10.80	13.60	14.90	10.80	13.60	14.90
	UK Sensible Cooling	kW	4.99	7.44	9.30	10.25	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A+	-	-	A+	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		6.19	5.83	5.49	5.81	5.83	5.27	5.81
	ηs,c	%	-	-	217	229	-	217	229
	Annual Energy Consumption	kWh	385	570	1322	1384	570	1378	1384
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A	-	-	A	-	-
	Pdesign	kW	4.5	6.0	6.0	7.8	6.0	6.0	7.8
	SCOP		4.01	3.85	3.63	3.85	3.85	3.63	3.85
	ηs,h	%	-	-	142	151	-	142	151
	Annual Energy Consumption	kWh	1571	2182	2314	2836	2182	2314	2836
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	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 / 40	150 / 50	150 / 50
Dimensions	Height	mm	245	245	245	245	245	245	245
	Width	mm	1000	1400	1400	1400	1400	1400	1400
	Depth	mm	800	800	800	800	800	800	800
Weight		kg	35	46	46	46	46	46	46
Sound Pressure (Cooling)	High / Med / Low	dBA	30 / 28 / 25	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32	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	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32
Sound Power (Cooling)		dBA	56	58	62	62	58	62	62

Outdoor Units

Outdoor Units			RZASG71MV1	RZASG100MV	RZASG125MV	RZASG140MV	RZASG100MY	RZASG125MY	RZASG140MY
Dimensions	Height x Width x Depth	mm	770 x 900 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	60	70	70	78	70	70	77
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.5	21.8	28.3	27.6	14.6	15.1	15.1
	Max Fuse Size	A	20	25	32	32	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
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)
Pipework	Maximum Length	m	50	50	50	50	50	50	50
	Maximum Vertical Rise	m	30	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30	30
	Additional charge	g/m	35	35	35	35	35	35	35
	Holding charge	kg	2.45	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 42	53 / 44	53 / 44	54 / 44	53 / 44	53 / 44	54 / 44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	47 / 42	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44
Sound Power (Cooling)		dBA	65	70	71	73	70	71	73
Operating Range (Cooling)	Min / Max	°CDB	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46
Operating Range (Heating)	Min / Max	°CWB	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5	-15 / 15.5
Air Flow Rate (Cooling)	Nominal	m³/min	56.0	69.0	71.0	76.0	69.0	71.0	76.0

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
BRC1H52W	Wired touch screen remote controller – White
BRC1H52S	Wired touch screen remote controller – Silver
BRC1H52K	Wired touch screen remote controller – Black
BRP069C81	Wi-Fi adapter 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
EKMBPP1 and UK.FB2	Modbus interface PCB for Sky Air and VRV
K.CGM	Condensing unit guard (1150 x 1150 x 650)
K.CWB90-2	Wall bracket (90kg, 500mm support arm)
K.DT1	Condensate drip tray for use with K.CWB90-2
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit
UK.RC2	Return chamber – FBA35-50 – 2X200mm Spg
UK.RC3	Return chamber – FBA60-71 – 2X200mm Spg
UK.RC3A	Return chamber – FBA60-71 – 3X200mm Spg
UK.SF2	Supply flange – FBA35-50 – 2x200 Spg
UK.SF3	Supply flange – FBA60-71 – 2x200 Spg
UK.SF3A	Supply flange – FBA60-71 – 3x200 Spg
RS-SE	Service and configuration tool for K.RSS

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UKAS MANAGEMENT SYSTEMS 0001

FSC

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