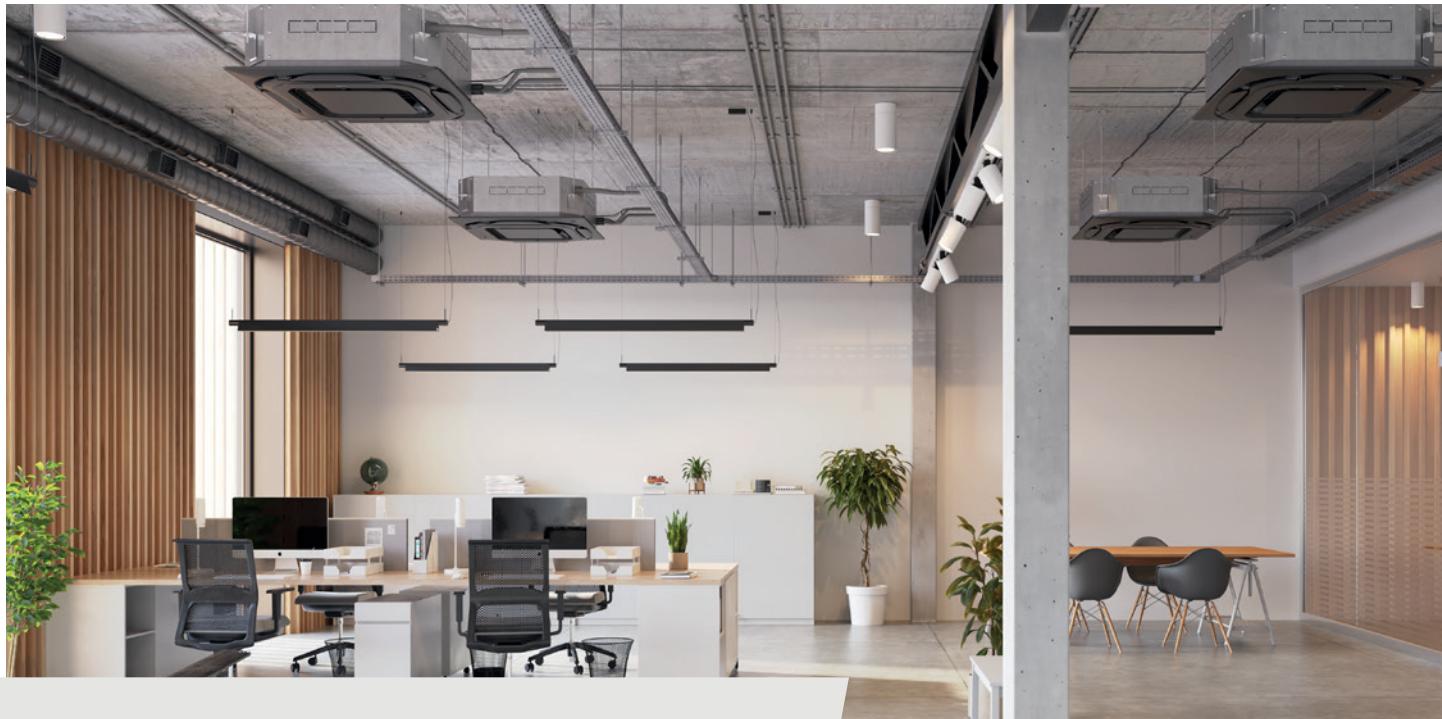# DAIKIN

FCAG-B / AZAS-M / ARXM-A SkyAir Active-series

Compact Roundflow Cassette

360° air distribution with a discreet, stylish design

Exceptional comfort and flexibility for any commercial environment. Paired with the Sky Air Active-series, it offers outstanding value, advanced air filtration, and effortless installation. With intelligent control options, the widest choice of panel designs and whisper-quiet operation, it's the ideal solution for shops, offices, and modern workspaces demanding pure air and everyday efficiency.

360° all-round comfort
True 360° air discharge ensures even, draught-free temperatures throughout your space. Larger flaps and a unique swing pattern provide balanced comfort, ideal for shops and small businesses.

Style for every interior
Match your aesthetic with the widest ever selection of decorative panels: designer options in white and black, and standard panels in white with grey accents or full white.

Precise, adaptive airflow
Individual louvre control lets you direct air wherever needed, no repositioning required. The branch duct option supplies comfort to adjacent or irregular-shaped rooms.

Intelligent, connected control
Optional sensors optimise settings for occupancy and floor temperature, increasing comfort and energy savings. Direct BMS connection with no extra adapter required ensures simple system integration.

Cleaner, healthier air
The optional Daikin UV Streamer kit tackles viruses, bacteria, dust, odours and allergens for safe, hygienic air. An optional fresh air intake further improves air quality in busy settings.

Compact, flexible installation
At just 204mm high (size 71), this unit fits tight ceiling voids with ease. The built-in drain pump with 675mm lift allows for versatile, hassle-free placement and faster installations.

Low maintenance, high efficiency
The automatic filter cleaning panel reduces maintenance and boosts efficiency. Choose standard or fine mesh filters to suit your environment.

FCAG-B (Black designer panel)

FCAG-B (White)

BRC7FA532F/B (optional)

ARXM71A

AZAS100-140M

WI-FI CONTROL VIA APP

Madoka BRC1H52W7

WI-FI ADAPTOR
AVAILABLE AS AN OPTION

A⁺

A

Replacement Technology

DAIKIN

FCAG-B / AZAS-M / ARXM-A *SkyAir* Active-series

R-32   **BLUEVOLUTION**

Indoor Units			Single Phase				3 Phase		
			FCAG71B	**FCAG100B**	**FCAG125B**	**FCAG140B**	**FCAG100B**	**FCAG125B**	**FCAG140B**
Capacity	UK Total Cooling	kW	6.65	10.80	13.60	14.90	10.80	13.60	14.90
	UK Sensible Cooling	kW	4.15	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		5.87	6.10	5.60	6.20	6.10	5.60	6.20
	ηs,c	%	-	-	213	237	-	213	237
	Annual Energy Consumption	kWh	405	543	1292	1296	543	1292	1296
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		4.00	3.85	3.80	4.31	3.85	3.80	4.31
	ηs,h	%	-	-	149	169	-	149	169
	Annual Energy Consumption	kWh	1575	2182	2211	2534	2182	2211	2534
Air Flow Rate (Cooling)	High / Med / Low	m³/min	15.1 / 13.0 / 10.8	22.7 / 17.8 / 13.0	27.0 / 20.4 / 13.1	27.0 / 20.4 / 13.1	22.7 / 17.8 / 13.0	27.0 / 20.4 / 13.1	27.0 / 20.4 / 13.1
Dimensions (with Decoration Panel)	Height	mm	204 (269)	246 (311)	246 (311)	246 (311)	246 (311)	246 (311)	246 (311)
	Width	mm	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
	Depth	mm	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
Weight (with Decoration Panel)		kg	21 (26.5)	23 (28.5)	23 (28.5)	23 (28.5)	23 (28.5)	23 (28.5)	23 (28.5)
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 31 / 28	37 / 33 / 29	41 / 35 / 29	41 / 35 / 29	37 / 33 / 29	41 / 35 / 29	41 / 35 / 29
Sound Pressure (Heating)	High / Med / Low	dBA	33 / 31 / 28	37 / 33 / 29	41 / 35 / 29	41 / 35 / 29	37 / 33 / 29	41 / 35 / 29	41 / 35 / 29
Sound Power (Cooling)		dBA	51	54	58	58	54	58	58

Outdoor Units			**ARXM71A**	**AZAS100MV**	**AZAS125MV**	**AZAS140MV**	**AZAS100MY**	**AZAS125MY**	**AZAS140MY**
Dimensions	Height x Width x Depth	mm	734 x 954 x 401	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	49	72	72	79	72	72	79
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA) A		14.93	21.5	27.8	27	14.2	14.6	14.6
	Max Fuse Size	A	16	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	30	30	30	30	30	30	30
	Maximum Vertical Rise	m	20	30	30	30	30	30	30
	Precharged to	m	10	30	30	30	30	30	30
	Additional charge	g/m	35	N/A	N/A	N/A	N/A	N/A	N/A
	Holding charge	kg	1.15	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	52	53/44	53/44	54/44	53/44	53/44	54/44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	52	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	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
Operating Range (Heating)	Min / Max	°CWB	-15/18	-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	46.6	69.0	71.0	76.0	69.0	71.0	76.0

Accessories:

Accessory Ref	Description
BYCQ140E	Decoration panel - White - Standard
BYCQ140EB	Decoration panel - Black - Standard (RAL 9005)
BYCQ140EW	Decoration Panel - Full White - Standard (RAL 9010)
BYCQ140EP	Decoration Panel - Designer - Full White (RAL 9010)
BYCQ140EPB	Decoration Panel - Designer - Full Black (RAL 9005)
BYCQ140EGF	Auto Cleaning Deco Panel - White (RAL 9010)
BYCQ140EGFB	Auto Cleaning Deco Panel - Black (RAL 9005)
BAEF125AWB	UV Streamer Kit collar (more info in IAQ section)
BRC1H52W7	Wired touch screen remote controller - White
BRC1H52S7	Wired touch screen remote controller - Silver
BRC1H52K7	Wired touch screen remote controller - Black
BRP069C82	Wi-Fi adapter for use with Daikin ONECTA App
EWHAR1	Extension wire - Required if Wifi Adaptor and Auto Cleaning panel are installed together
BRC7FA532F	Wireless remote controller - White
BRC7FA532FB	Wireless remote controller - Black
BRYQ140B	Integral PIR sensor for roundflow decoration panel (for white panel)
BRYQ140BB	Integral PIR sensor for roundflow decoration panel (for black panel)

Accessory Ref	Description
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
EKMBPP1 and UK.FB2	Modbus interface PCB for Sky Air and VRV
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems
KRCS01-5B	Remote room mounted temperature sensor
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting
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
SB.K.RSS_RFC	Wireless room mounted temperature sensor and receiver
KDBHQ56B140	Sealing member for air discharge outlet
KDDP55C160-1	Fresh air intake kit for up to 20% fresh air (Part 1)
KDDP55D160-2	Fresh air intake kit for up to 20% fresh air (Part 2)
RS-SE	Service and configuration tool for K.RSS

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UKAS MANAGEMENT SYSTEMS 0001

FSC

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