



Under ceiling cassette

Alpha

FUA-A / RZAG-M *SkyAir Alpha-series*

R-32 **BLUEEVOLUTION**

Unique Daikin unit for high rooms with solid ceilings or false ceilings with a shallow void

- › Combinations with Sky Air Alpha series ensures best in class quality, highest efficiency and performance
- › Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- › Individual louvre control: flexibility to suit every room layout without changing the location of the unit
- › 5 different discharge angles between 0° and 60° can be programmed via the remote control
- › Stylish unit blends easily with any interior. The louvres close entirely when the unit is not operating and there no air intake grilles visible
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load
- › Standard drain pump with 500mm lift increases flexibility and installation speed
- › No optional adapter needed for DIII-connection, link your unit directly into the wider building management system



FUA-A



RZAG71

RZAG100-125



BRC1E53A



BRC7C58 (optional)



BRP069A81 (optional)



WI-FI ADAPTOR
AVAILABLE AS AN OPTION

FUA-A / RZAG-M

R-32 BLUEEVOLUTION

Indoor Units			Single Phase			3 Phase		
			FUA71A	FUA100A	FUA125A	FUA71A	FUA100A	FUA125A
Capacity	UK Total Cooling	kW	7.76	10.8	13.6	7.76	10.8	13.6
	UK Sensible Cooling	kW	5.32	7.44	9.30	5.32	7.44	9.30
	Nominal Cooling	kW	6.8	9.5	12.1	6.8	9.5	12.1
	Nominal Heating	kW	7.5	10.8	13.5	7.5	10.8	13.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	-	A++	A++	-
	Pdesign	kW	6.8	9.5	12.1	6.8	9.5	12.1
	SEER		7.02	6.42	6.39	7.02	6.42	6.39
Seasonal Efficiency (EN14825) HEATING	Annual Energy Consumption	kWh	339	518	1136	339	518	1136
	Energy Label		A+	A+	-	A+	A+	-
	Pdesign	kW	4.70	7.80	9.52	4.70	7.80	9.52
Nominal Efficiency	SCOP		4.20	4.50	4.26	4.20	4.50	4.26
	Annual Energy Consumption	kWh	1567	2427	3129	1567	2427	3129
Air Flow Rate (Cooling)	EER/COP		4.23/3.85	4.24/4.08	3.04/4.73	4.23/3.85	4.24/4.08	3.04/4.73
	High / Nom / Low	m³/sec	0.383/0.325/0.266	0.516/0.425/0.333	0.541/0.441/0.341	0.383/0.325/0.266	0.516/0.425/0.333	0.541/0.441/0.341
Dimensions	Height	mm	198	198	198	198	198	198
	Width	mm	950	950	950	950	950	950
	Depth	mm	950	950	950	950	950	950
Weight		kg	25	26	26	25	26	26
	Sound Pressure (Cooling)	High / Nom / Low	dB(A)	41/38/35	46/42/39	47/43/40	41/38/35	46/42/39
Sound Pressure (Heating)	High / Nom / Low	dB(A)	41/38/35	46/42/39	47/43/40	41/38/35	46/42/39	47/43/40
	Sound Power (Cooling)		dB(A)	59	64	65	59	64

Outdoor Units			RZAG71MV1	RZAG100MV1	RZAG125MV1	RZAG71MY1	RZAG100MY1	RZAG125MY1
Dimensions	Height x Width x Depth	mm	990 x 940 x 320	1430 x 940 x 320	1430 x 940 x 320	990 x 940 x 320	1430 x 940 x 320	1430 x 940 x 320
Weight		kg	70	92	92	70	92	92
Electrical Details	Power Supply		1ph	1ph	1ph	3ph	3ph	3ph
	Running Current	A	17.9	27.4	27.5	11.3	15.4	15.0
	Starting Current	A	-	-	-	-	-	-
	Max Fuse Size	A	20	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		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)		
Pipework	Maximum Length	m	55	85	85	55	85	85
	Maximum Vertical Rise	m	30	30	30	30	30	30
	Precharged to	m	40	40	40	40	40	40
	Additional charge	g/m	Refer to Installation Manual			Refer to Installation Manual		
	Holding charge	kg	2.95	3.75	3.75	2.95	3.75	3.75
Sound Pressure (Cooling)	Nom / Night Quiet	dB(A)	46/42	47/44	50/44	46/42	47/44	50/44
Sound Pressure (Heating)	Nom / Night Quiet	dB(A)	49/42	51/44	52/44	49/42	51/44	52/44
Sound Power (Cooling)		dB(A)	64	66	69	65	66	69
Operating Range (Cooling)	Min / Max	°CDB	-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
Air Flow Rate (Cooling)	Nominal	m³/sec	0.983	1.166	1.383	0.983	1.166	1.383
ECA Eligible			●	●		●	●	

Accessory Ref	Description
BRC1E53A	Premium wired remote controller (Included as standard)
BRP069A81	Wifi adaptor for connection to on-line controller
BRC7C58	Wireless remote controller
EKROR05	Remote on/off control interface kit
K.CGL	Condensing unit guard size 100-140 including RXYSQ
K.CGM	Condensing unit guard size 42-71
K.CWB140-2	Condensing unit bracket - size 100 to 140
K.CWB90-2	Condensing unit bracket - up to size 71, max weight 90kg of ODU
K.DT1	Condensate drip tray for use with K.CWB90-2
K.DT2	Condensate drip tray for use with K.CWB140-2

Accessory Ref	Description
K.RSS	Wireless room mounted temperature sensor and receiver
KLIC-DI	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
RS-SE	Service and configuration tool for K.RSS
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
RTD-NET and UK.FB2	Modbus interface PCB for Sky Air and VRV

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