



# Under ceiling cassette

## Alpha

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

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

**R-32** BLUEEVOLUTION



FUA-A



RZAG71-125



BRC1H519W7



BRC7CB58 (optional)



BRP069A81 (optional)



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



# FUA-A / RZAG-N

**R-32** BLUEEVOLUTION

Indoor Units			Single Phase			3 Phase		
			FUA71A	FUA100A	FUA125A	FUA71A	FUA100A	FUA125A
Capacity	UK Total Cooling	kW	7.76	10.85	13.6	7.76	10.85	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
	Annual Energy Consumption	kWh	339	518	1136	339	518	1136
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	-	A+	A+	-
	Pdesign	kW	4.70	7.80	9.52	4.70	7.80	9.52
	SCOP		4.20	4.50	4.26	4.20	4.50	4.26
	Annual Energy Consumption	kWh	1567	2427	3129	1567	2427	3129
Nominal Efficiency	EER/COP		3.83/5.03	3.57/5.47	3.02/5.47	3.83/5.03	3.57/5.47	3.02/5.47
Air Flow Rate (Cooling)	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	dBA	41/38/35	46/42/39	47/43/40	41/38/35	46/42/39	47/43/40
Sound Pressure (Heating)	High / Nom / Low	dBA	41/38/35	46/42/39	47/43/40	41/38/35	46/42/39	47/43/40
Sound Power (Cooling)		dBA	59	64	65	59	64	65

Outdoor Units			RZAG71NV1	RZAG100NV1	RZAG125NV1	RZAG71NY1	RZAG100NY1	RZAG125NY1
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
Weight		kg	81	85	95	81	85	95
Electrical Details	Power Supply		1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA) A		17.9	22.2	27.5	11.3	14.9	15
	Max Fuse Size	A	20	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
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)
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	3.2	3.2	3.7	3.2	3.2	3.7
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46/44	47/45	49/47	46/44	47/45	49/47
Sound Pressure (Heating)	Nom / Night Quiet	dBA	48/44	50/45	52/47	48/44	50/45	52/47
Sound Power (Cooling)		dBA	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	1.133	1.117	1.333	1.133	1.117	1.333
ECA Eligible			•	•	•	•	•	•

Accessory Ref	Description
BRP069A81	Wifi adaptor for connection to on-line controller
BRC1H519W7	Wired touch screen remote controller - White (Included as standard)
BRC1H519S7	Wired touch screen remote controller - Silver
BRC1H519K7	Wired touch screen remote controller - Black
BRC7CB58	Wireless remote controller
EKROR05	Remote on/off control interface kit
K.CCGM	Condensing unit guard size Split 42-71/ Sky Air 35-250
K.CWBXL	Wall Brackets SS (250kg, 600mm)
K.DT2	Condensate drip tray for use with K.CWBXL
SB.K.RSS RFC	Wireless room mounted temperature sensor and receiver
KLIC-DI	KNX Interface for Sky Air and VRV systems
KRC501-4	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.R55
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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