



Wall mounted Alpha

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

R-32 **BLUEEVOLUTION**

Conveniently surface mounted
Also for rooms with no false ceilings

- › Combinations with Sky Air Alpha series ensures best in class quality, highest efficiency and performance
- › Flat, stylish front panel blends easily within any interior and is easier to clean
- › Can easily be installed in both new and refurbishment projects
- › Reduced energy consumption thanks to specially developed DC fan motor
- › The air is comfortably directed up and down to suit your needs, thanks to 5 different discharge angles that can be programmed via the remote control
- › Maintenance operations can be performed easily from the front of the unit



FAA-A



RZAG71

RZAG100



BRC1E53A



BRC7EB518
(optional)



BRP069A81
(optional)



WI-FI ADAPTOR
AVAILABLE AS AN OPTION

FAA-A / RZAG-M

R-32 BLUEEVOLUTION

Indoor Units			Single Phase		3 Phase	
			FAA71A	FAA100A	FAA71A	FAA100A
Capacity	UK Total Cooling	kW	7.76	10.8	7.76	10.8
	UK Sensible Cooling	kW	5.32	7.44	5.32	7.44
	Nominal Cooling	kW	6.8	9.5	6.8	9.5
	Nominal Heating	kW	7.5	10.8	7.5	10.8
	Energy Label		A++	A++	A++	A++
Seasonal Efficiency (EN14825) COOLING	Pdesign	kW	6.8	9.5	6.8	9.5
	SEER		6.58	6.42	6.58	6.42
	Annual Energy Consumption	kWh	362	518	362	518
	Energy Label		A+	A+	A+	A+
Seasonal Efficiency (EN14825) HEATING	Pdesign	kW	4.7	7.8	4.7	7.8
	SCOP		4.02	4.01	4.02	4.01
	Annual Energy Consumption	kWh	1637	2723	1637	2723
	EER/COP		3.62/4.32	4.43/4.00	3.62/4.32	4.43/4.00
Air Flow Rate (Cooling)	High / Nom / Low	m ³ /sec	0.300/0.266/0.233	0.433/0.383/0.316	0.300/0.266/0.233	0.433/0.383/0.316
Dimensions	Height	mm	290	340	290	340
	Width	mm	1050	1200	1050	1200
	Depth	mm	238	240	238	240
Weight		kg	13	17	13	17
Sound Pressure (Cooling)	High / Nom / Low	dBA	45/42/40	49/45/41	45/42/40	49/45/41
Sound Pressure (Heating)	High / Nom / Low	dBA	45/42/40	49/45/41	45/42/40	49/45/41
Sound Power (Cooling)		dBA	61	65	61	65

Outdoor Units		RZAG71MV1	RZAG100MV1	RZAG71MY1	RZAG100MY1	
Dimensions	Height x Width x Depth	mm	990 x 940 x 320	1430 x 940 x 320	990 x 940 x 320	1430 x 940 x 320
Weight		kg	70	92	70	92
Electrical Details	Power Supply		1ph	1ph	3ph	3ph
	Running Current	A	17.4	26.4	10.8	14.5
	Starting Current	A	-	-	-	-
	Max Fuse Size	A	20	32	16	16
Interconnection Wiring	Core / Cable Size		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)
Pipework	Maximum Length	m	55	85	55	85
	Maximum Vertical Rise	m	30	30	30	30
	Precharged to	m	40	40	40	40
	Additional charge	g/m	Refer to Installation Manual		Refer to Installation Manual	
	Holding charge	kg	2.95	3.75	2.95	3.75
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46/42	47/44	46/42	47/44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	49/42	51/44	49/42	51/44
Sound Power (Cooling)		dBA	64	66	65	66
Operating Range (Cooling)	Min / Max	°CDB	-20/52	-20/52	-20/52	-20/52
Operating Range (Heating)	Min / Max	°CWB	-20/18	-20/18	-20/18	-20/18
Air Flow Rate (Cooling)	Nominal	m ³ /sec	0.983	1.166	0.983	1.166
ECA Eligible			●	●	●	●

Accessory Ref	Description
BRC1E53A	Premium wired remote controller (Included as standard)
BRP069A81	Wifi adaptor for connection to on-line controller
BRC7E518	Wireless remote controller
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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