



# Wall mounted Alpha

**FAA-B / RZAG-N** *SkyAir Alpha-series*

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

**R-32** **BLUEEVOLUTION**



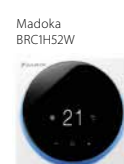
FAA-B



RZAG71-100N



BRC7EA631/2  
(optional)



Madoka  
BRCIH52W



WI-FI  
CONTROL  
VIA APP



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

## FAA-B / RZAG-N

**SkyAir** Alpha-series

**R-32** BLUEEVOLUTION

Indoor Units			Single Phase		3 Phase	
			FAA71B	FAA100B	FAA71B	FAA100B
Capacity	UK Total Cooling	kW	7.76	10.85	7.76	10.85
	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
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++	A++
	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
Seasonal Efficiency (EN14825) HEATING	Energy Label		A++	A++	A++	A++
	Pdesign	kW	4.7	7.8	4.7	7.8
	SCOP		4.2	4.01	4.2	4.01
	Annual Energy Consumption	kWh	1567	2723	1567	2723
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.270 / 0.223 / 0.202	0.433 / 0.383 / 0.317	0.270 / 0.223 / 0.202	0.433 / 0.383 / 0.317
Dimensions	Height	mm	290	340	290	340
	Width	mm	1050	1200	1050	1200
	Depth	mm	269	262	269	262
Weight		kg	14	18	14	18
Sound Pressure (Cooling)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41	45 / 42 / 40	49 / 45 / 41
Sound Pressure (Heating)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41	45 / 42 / 40	49 / 45 / 41
Sound Power (Cooling)		dBA	61	65	61	65

Outdoor Units			RZAG71NV1	RZAG100NV1	RZAG71NY1	RZAG100NY1
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
Weight		kg	81	85	81	85
Electrical Details	Power Supply		1ph	1ph	3ph	3ph
	Maximum Input Current (MCA) A		17.5	21.3	10.9	14.0
	Max Fuse Size	A	20	32	16	16
	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Interconnection Wiring	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	35	35	35	35
	Holding charge	kg	3.2	3.2	3.2	3.2
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 44	47 / 45	46 / 44	47 / 45
Sound Pressure (Heating)	Nom / Night Quiet	dBA	48 / 44	50 / 45	48 / 44	50 / 45
Sound Power (Cooling)		dBA	64	66	64	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	m³/sec	1.133	1.117	1.133	1.117

### Notes & Features:

- › 3 fan speeds
- › Automatic airflow volume control based on difference between set and room temperature
- › Dry programme: reduces humidity in the room
- › Comms, computer and server room cooling with EDP settings (Alpha only)

### Accessories:

Accessory Ref	Description
BRP069C81	Wifi adaptor for connection to on-line controller
BRC1H52W	Wired touch screen remote controller - White (Included as standard)
BRC1H52S	Wired touch screen remote controller - Silver
BRC1H52K	Wired touch screen remote controller - Black
BRC7EA631	Wireless remote controller for class 71
BRC7EA632	Wireless remote controller for class 100
K.CGM	Condensing unit guard (1150 x 1150 x 650)
K.CWBXL	Wall bracket (250kg, 660mm support arm)
K.DT2	Condensate drip tray for use with K.CWBXL

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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